LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071124\
Data File : BP020906.D
Acq On : 11 Jul 2024 16:40
Operator : MA/JU
Sample : P3088-14
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4D02

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Title : SVOA CALIBRATION

Signal : TIC: BP020906.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.869	314	320	329	rBV	43299	70066	0.30%	0.030%
2	6.910	656	667	687	rBV2	371821	1215614	5.14%	0.526%
3	7.057	687	692	704	rVB	324638	533031	2.25%	0.231%
4	7.263	721	727	734	rBV	408739	652273	2.76%	0.282%
5	7.710	791	803	812	rBV	764808	1228467	5.19%	0.532%
6	8.181	877	883	892	rBV	30722	84053	0.36%	0.036%
7	8.428	919	925	937	rBV2	355349	640131	2.71%	0.277%
8	8.869	992	1000	1014	rBV	366990	667957	2.82%	0.289%
9	9.422	1085	1094	1107	rVB2	38313	74260	0.31%	0.032%
10	9.581	1112	1121	1132	rBV	280823	528083	2.23%	0.229%
11	10.134	1206	1215	1232	rBV	384674	762119	3.22%	0.330%
12	10.269	1232	1238	1252	rVB2	26172	72149	0.31%	0.031%
13	10.486	1269	1275	1282	rBV	1046918	1701457	7.20%	0.736%
14	11.092	1370	1378	1382	rBV	54999	148011	0.63%	0.064%
15	11.239	1397	1403	1410	rBV2	146375	295561	1.25%	0.128%
16	13.663	1809	1815	1820	rBV2	40765	79455	0.34%	0.034%
17	13.757	1826	1831	1837	rVV	900985	1221152	5.16%	0.529%
18	14.045	1870	1880	1890	rVB	1021828	1552027	6.56%	0.672%
19	14.239	1906	1913	1918	rBV2	38977	72104	0.30%	0.031%
20	14.351	1925	1932	1939	rBV	1574088	2326635	9.84%	1.007%
21	14.416	1939	1943	1951	rVB	47636	79655	0.34%	0.034%
22	14.569	1963	1969	1970	rBV	384020	562604	2.38%	0.244%
23	14.763	1997	2002	2011	rBV2	35382	85263	0.36%	0.037%
24	15.363	2095	2104	2110	rBV	1295545	1896499	8.02%	0.821%
25	15.510	2123	2129	2139	rBV	209126	473033	2.00%	0.205%
26	16.274	2252	2259	2261	rBV4	67968	128119	0.54%	0.055%
27	16.551	2302	2306	2320	rBV10	57423	159065	0.67%	0.069%
28	16.816	2347	2351	2356	rVB2	56514	81711	0.35%	0.035%
29	17.074	2391	2395	2402	rVB4	87166	128267	0.54%	0.056%
30	17.168	2406	2411	2415	rBV	2036858	2691761	11.38%	1.165%
31	17.210	2415	2418	2422	rVB	876276	1054188	4.46%	0.456%
32	17.263	2422	2427	2432	rBV	1145360	1829553	7.74%	0.792%
33	17.345	2438	2441	2448	rVB7	63387	97259	0.41%	0.042%
34	17.598	2477	2484	2488	rBV2	75055	163439	0.69%	0.071%
35	17.792	2509	2517	2522	rBV2	317854	683443	2.89%	0.296%
36	17.910	2534	2537	2543	rVB6	70489	111192	0.47%	0.048%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071124\
Data File : BP020906.D
Acq On : 11 Jul 2024 16:40
Operator : MA/JU
Sample : P3088-14
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4D02

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Title : SVOA CALIBRATION

37	17.974	2543	2548	2555	rBV8	70228	150394	0.64%	0.065%
38	18.033	2555	2558	2561	rBV4	52228	78256	0.33%	0.034%
39	18.110	2561	2571	2579	rVV2	1646637	3012056	12.74%	1.304%
40	18.174	2579	2582	2585	rVV	125219	174984	0.74%	0.076%
41	18.210	2585	2588	2593	rVB2	96178	132535	0.56%	0.057%
42	18.280	2594	2600	2604	rBV3	389078	681029	2.88%	0.295%
43	18.315	2604	2606	2607	rVV	98888	97021	0.41%	0.042%
44	18.339	2608	2610	2613	rVV	170897	164928	0.70%	0.071%
45	18.380	2613	2617	2626	rVV2	310232	614676	2.60%	0.266%
46	18.563	2643	2648	2652	rBV2	485012	772299	3.27%	0.334%
47	18.645	2660	2662	2666	rVB3	100944	112447	0.48%	0.049%
48	18.798	2685	2688	2690	rBV4	55090	71044	0.30%	0.031%
49	18.886	2700	2703	2707	rBV3	103257	131969	0.56%	0.057%
50	19.027	2722	2727	2729	rBV3	202240	366595	1.55%	0.159%
51	19.063	2729	2733	2734	rBV	266355	311257	1.32%	0.135%
52	19.127	2741	2744	2747	rBV	240465	300019	1.27%	0.130%
53	19.168	2747	2751	2757	rVB5	279405	449492	1.90%	0.195%
54	19.310	2767	2775	2783	rBV2	2116936	4635375	19.60%	2.006%
55	19.439	2792	2797	2807	rBV3	1418383	2206714	9.33%	0.955%
56	19.515	2808	2810	2815	rVB4	153824	162978	0.69%	0.071%
57	19.580	2818	2821	2827	rVB2	152121	223876	0.95%	0.097%
58	19.645	2827	2832	2835	rBV2	1521251	2361071	9.98%	1.022%
59	19.674	2835	2837	2849	rVB	1073095	1781964	7.54%	0.771%
60	19.857	2865	2868	2870	rBV4	123430	169724	0.72%	0.073%
61	20.210	2924	2928	2930	rBV3	580788	852006	3.60%	0.369%
62	20.310	2941	2945	2948	rBV2	404887	579788	2.45%	0.251%
63	20.480	2969	2974	2981	rBV	4257067	6280273	26.56%	2.718%
64	20.533	2981	2983	2986	rVV	277623	304043	1.29%	0.132%
65	20.704	3007	3012	3016	rBV	3085217	4139250	17.50%	1.792%
66	20.745	3016	3019	3024	rVB	757735	913133	3.86%	0.395%
67	20.939	3049	3052	3059	rVB	510881	688169	2.91%	0.298%
68	21.098	3075	3079	3083	rBV	1456722	2048990	8.66%	0.887%
69	21.145	3083	3087	3092	rVV	846788	1323632	5.60%	0.573%
70	21.245	3099	3104	3106	rBV2	985558	1456856	6.16%	0.631%
71	21.286	3106	3111	3121	rVB	5592182	10141397	42.89%	4.389%
72	21.498	3144	3147	3150	rBV	287455	329574	1.39%	0.143%
73	21.527	3150	3152	3159	rVV2	316415	477406	2.02%	0.207%
74	21.615	3160	3167	3173	rVV2	1770832	4220792	17.85%	1.827%
75	21.674	3173	3177	3189	rVB	1850141	3385472	14.32%	1.465%
76	21.880	3209	3212	3223	rVB3	904939	1793379	7.58%	0.776%

LSC Area Percent Report

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Acq On : 11 Jul 2024 16:40
Operator : MA/JU
Sample : P3088-14
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4D02

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Title : SVOA CALIBRATION

77	22.104	3246	3250	3257	rVB	1650855	2891911	12.23%	1.252%
78	22.533	3311	3323	3335	rVB	9735967	23647505	100.00%	10.235%
79	22.803	3365	3369	3374	rVB3	448373	715335	3.02%	0.310%
80	23.015	3400	3405	3418	rVB	866375	1750384	7.40%	0.758%
81	23.221	3433	3440	3446	rVB3	566161	1438330	6.08%	0.623%
82	23.292	3447	3452	3466	rVB	610362	1643903	6.95%	0.712%
83	23.592	3496	3503	3512	rVB	4271907	9185781	38.84%	3.976%
84	23.909	3553	3557	3566	rBV	428106	1041837	4.41%	0.451%
85	24.092	3577	3588	3595	rBV	6737747	18702316	79.09%	8.095%
86	24.168	3595	3601	3617	rVV	3546688	9662932	40.86%	4.182%
87	24.292	3619	3622	3633	rVB3	580922	1328013	5.62%	0.575%
88	24.521	3658	3661	3671	rVB2	699368	1476463	6.24%	0.639%
89	24.745	3694	3699	3706	rVB2	489064	1009155	4.27%	0.437%
90	24.968	3730	3737	3746	rBV	1189196	3090487	13.07%	1.338%
91	25.633	3839	3850	3864	rVB	4729314	14616398	61.81%	6.326%
92	26.274	3950	3959	3973	rVB	4319145	13388434	56.62%	5.795%
93	26.433	3976	3986	4001	rVV	2413537	9296938	39.31%	4.024%
94	26.597	4008	4014	4015	rBV2	752437	1214198	5.13%	0.526%
95	26.956	4065	4075	4091	rVB5	711442	3040392	12.86%	1.316%
96	28.533	4332	4343	4344	rBV	3093069	6666885	28.19%	2.886%
97	29.715	4530	4544	4564	rVB2	2294418	11810265	49.94%	5.112%
98	29.956	4573	4585	4602	rVB	1106090	4639247	19.62%	2.008%
99	30.550	4676	4686	4692	rBV3	1408216	5360748	22.67%	2.320%
100	31.344	4813	4821	4822	rBV	650722	1177776	4.98%	0.510%

Sum of corrected areas: 231042152

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071124\
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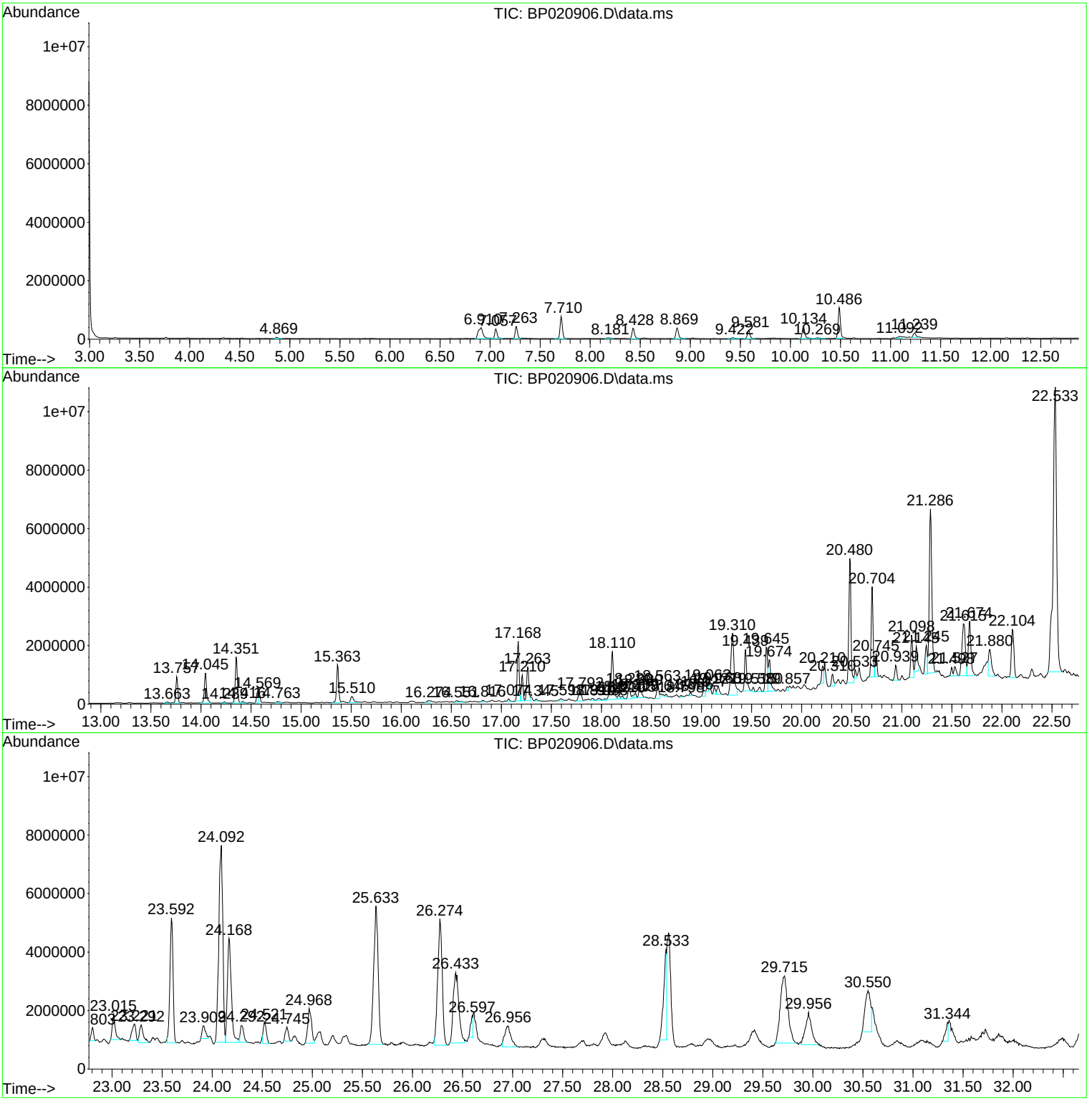
Acq On : 11 Jul 2024 16:40
Operator : MA/JU
Sample : P3088-14
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4D02

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071124\
Data File : BP020906.D
Acq On : 11 Jul 2024 16:40
Operator : MA/JU
Sample : P3088-14
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4D02

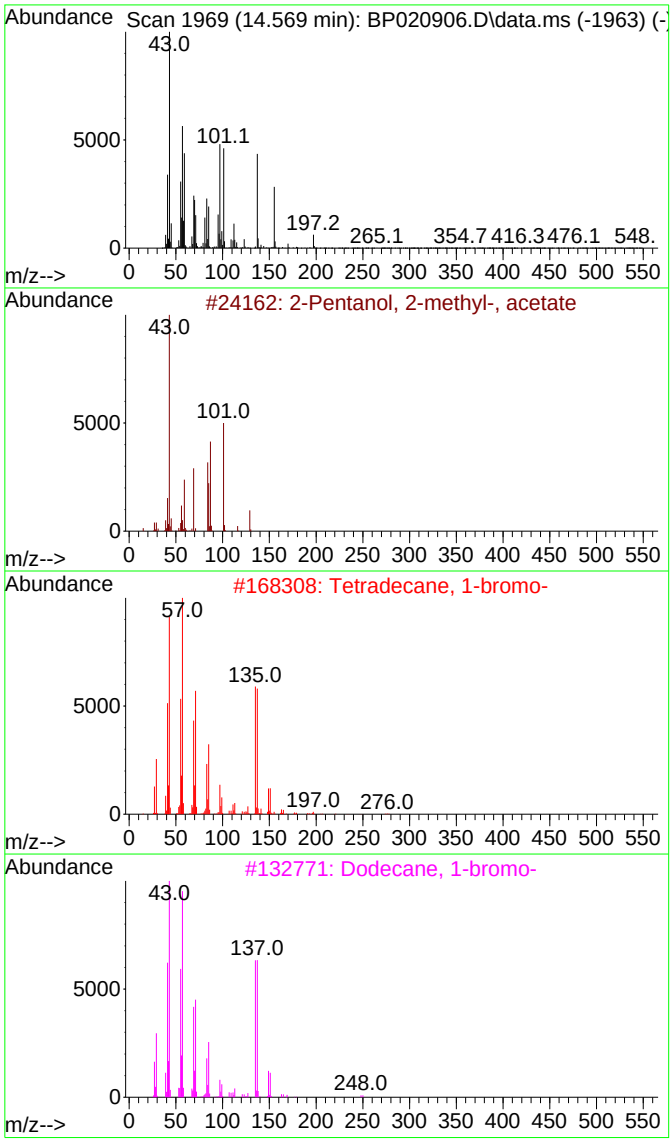
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION

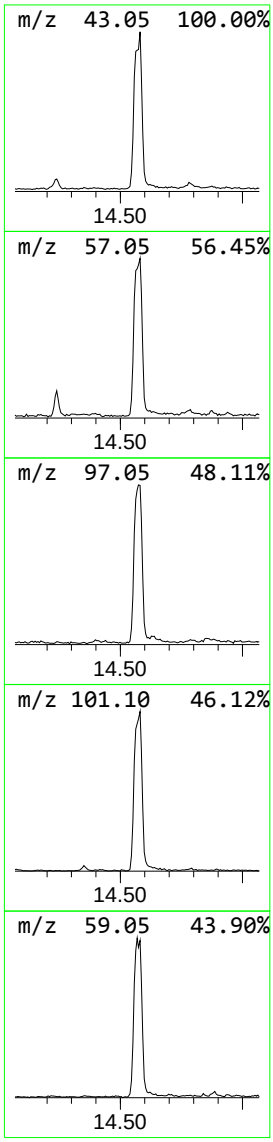
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 unknown-01 Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.569	4.84 ng/ul	562604	Acenaphthene-d10	14.351

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanol, 2-methyl-, acetate	144	C8H16O2	034859-98-8	14
2	Tetradecane, 1-bromo-	276	C14H29Br	000112-71-0	14
3	Dodecane, 1-bromo-	248	C12H25Br	000143-15-7	10
4	Tetradecane, 1-bromo-	276	C14H29Br	000112-71-0	10
5	7-Oxabicyclo[4.1.0]heptane, 1-me...	112	C7H12O	001713-33-3	10





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071124\
Data File : BP020906.D
Acq On : 11 Jul 2024 16:40
Operator : MA/JU
Sample : P3088-14
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4D02

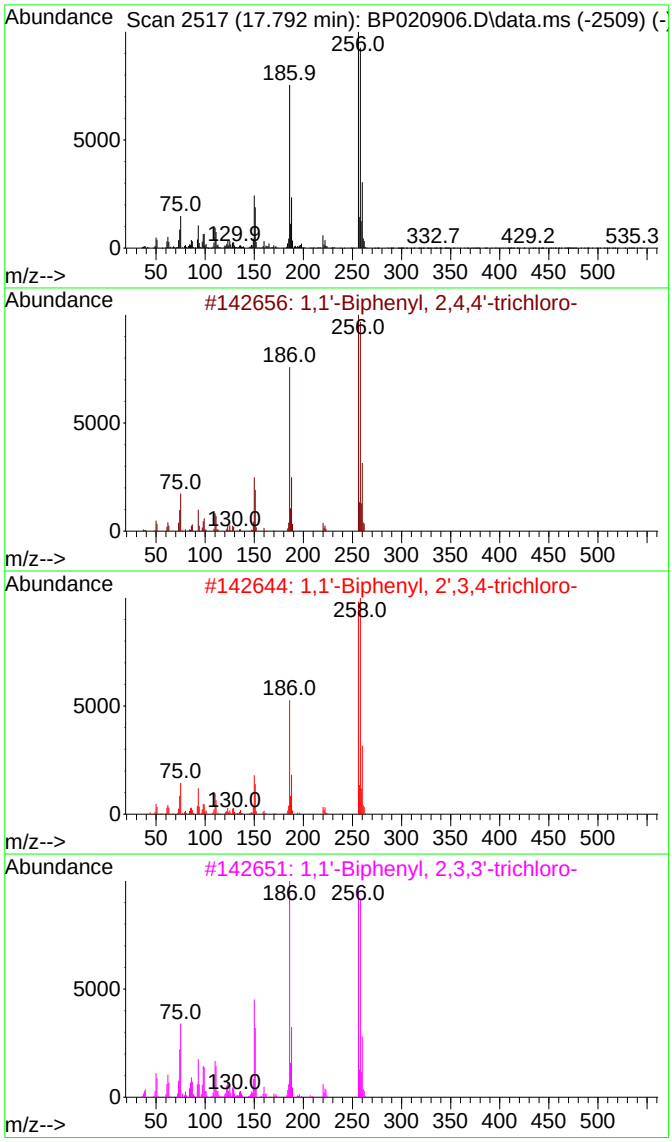
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION

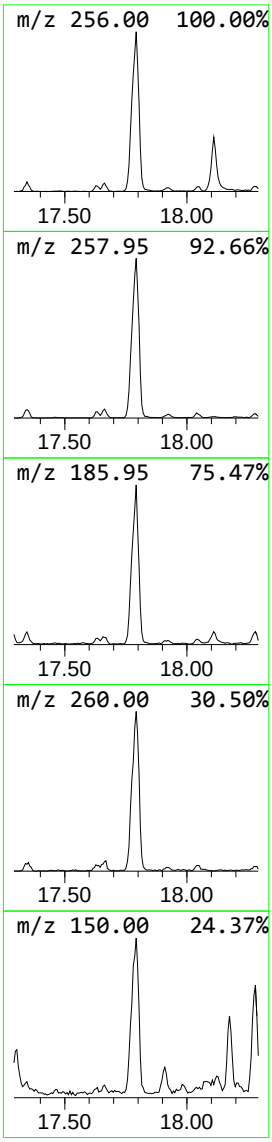
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 1,1'-Biphenyl, 2,4,4'-trich... Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.792	5.08 ng/ul	683443	Phenanthrene-d10	17.169

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,4,4'-trichloro-	256	C12H7Cl3	007012-37-5	99
2	1,1'-Biphenyl, 2',3,4-trichloro-	256	C12H7Cl3	038444-86-9	99
3	1,1'-Biphenyl, 2,3,3'-trichloro-	256	C12H7Cl3	038444-84-7	99
4	2,4',6-Trichloro-1,1'-biphenyl	256	C12H7Cl3	038444-77-8	99
5	1,1'-Biphenyl, 3,4',5-trichloro-	256	C12H7Cl3	038444-88-1	99





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071124\
Data File : BP020906.D
Acq On : 11 Jul 2024 16:40
Operator : MA/JU
Sample : P3088-14
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4D02

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION

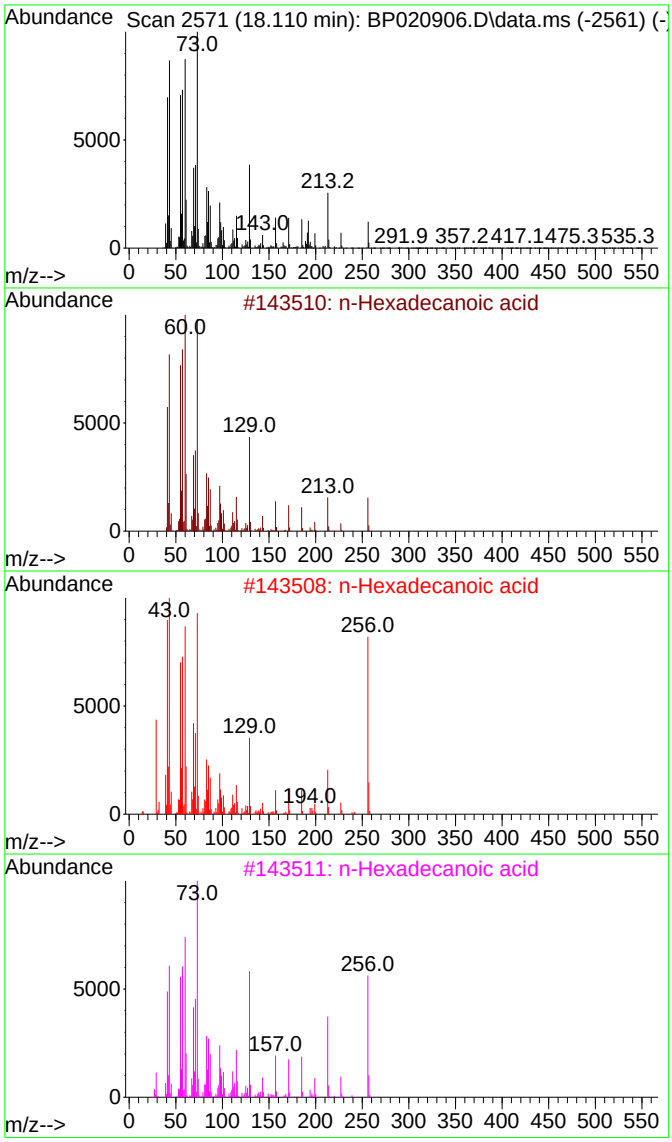
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

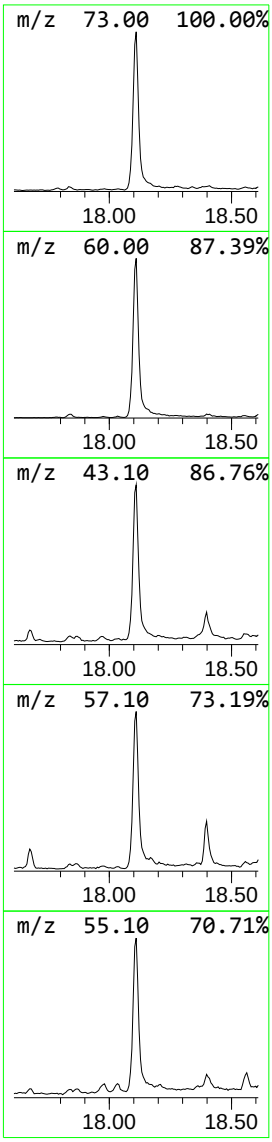
****

Peak Number 4 n-Hexadecanoic acid Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.110	22.38 ng/ul	3012060	Phenanthrene-d10	17.169

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
5	Tridecanoic acid	214	C13H26O2	000638-53-9	95





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071124\
Data File : BP020906.D
Acq On : 11 Jul 2024 16:40
Operator : MA/JU
Sample : P3088-14
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4D02

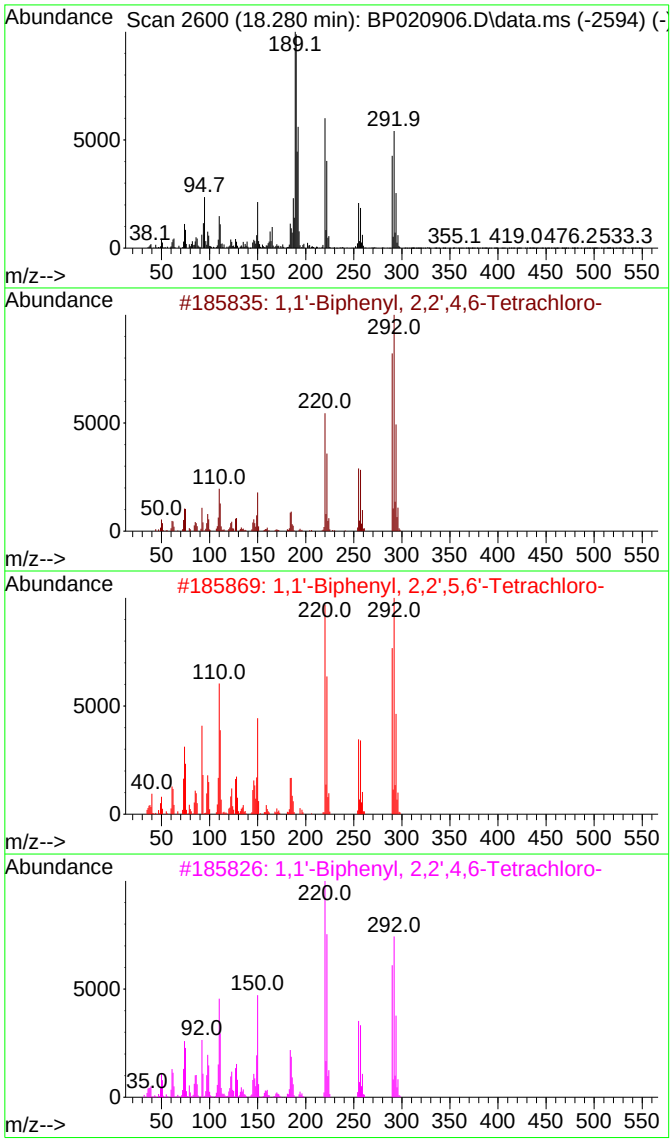
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION

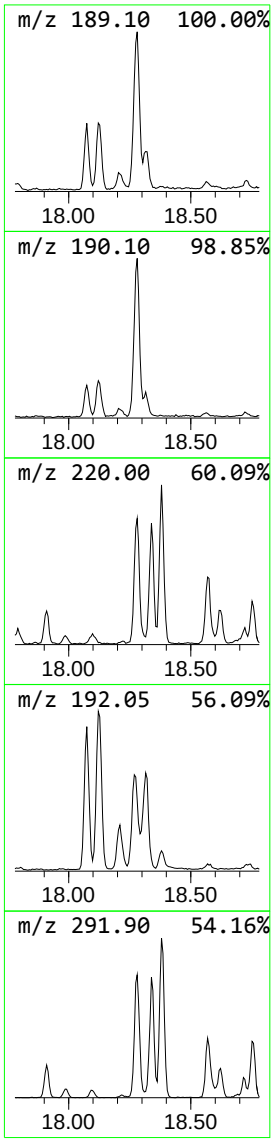
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 1,1'-Biphenyl, 2,2',4,6-Tet... Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.280	5.06 ng/ul	681029	Phenanthrene-d10	17.169

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',4,6-Tetrachl...	290	C12H6Cl4	062796-65-0	96
2	1,1'-Biphenyl, 2,2',5,6'-Tetrach...	290	C12H6Cl4	041464-41-9	96
3	1,1'-Biphenyl, 2,2',4,6-Tetrachl...	290	C12H6Cl4	062796-65-0	96
4	1,1'-Biphenyl, 2,2',3,4'-tetrach...	290	C12H6Cl4	036559-22-5	96
5	1,1'-Biphenyl, 2,2',3,5'-tetrach...	290	C12H6Cl4	041464-39-5	95





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071124\
Data File : BP020906.D
Acq On : 11 Jul 2024 16:40
Operator : MA/JU
Sample : P3088-14
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4D02

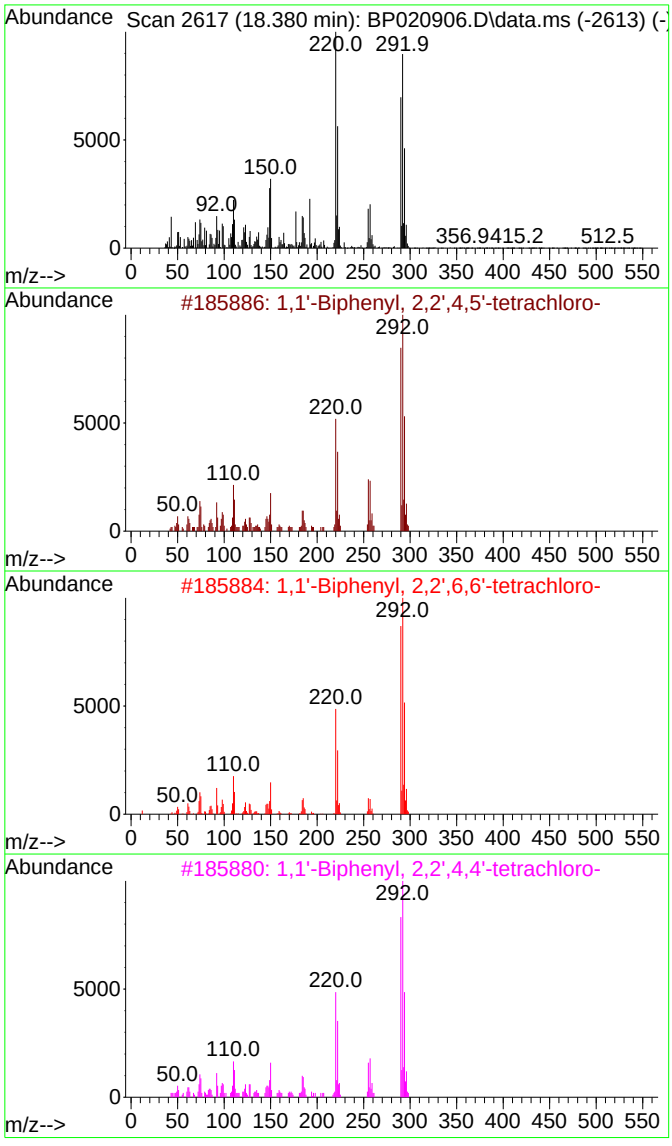
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION

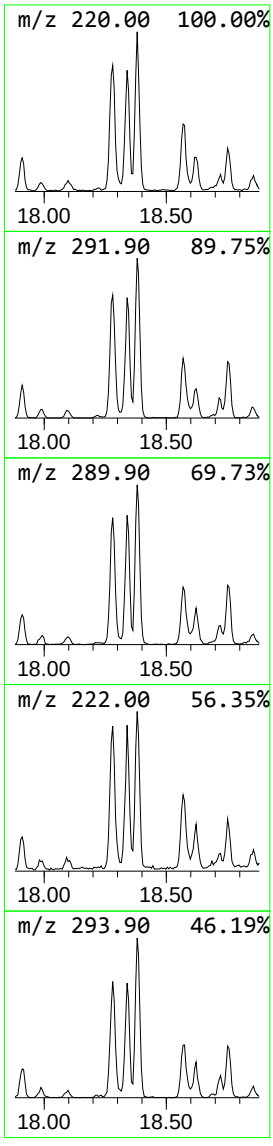
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 1,1'-Biphenyl, 2,2',4,5'-te... Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.380	4.57 ng/ul	614676	Phenanthrene-d10	17.169

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',4,5'-tetrach...	290	C12H6Cl4	041464-40-8	99
2	1,1'-Biphenyl, 2,2',6,6'-tetrach...	290	C12H6Cl4	015968-05-5	99
3	1,1'-Biphenyl, 2,2',4,4'-tetrach...	290	C12H6Cl4	002437-79-8	99
4	1,1'-Biphenyl, 2,2',4,4'-tetrach...	290	C12H6Cl4	002437-79-8	99
5	1,1'-Biphenyl, 2,2',4,4'-tetrach...	290	C12H6Cl4	002437-79-8	99





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Acq On : 11 Jul 2024 16:40
Operator : MA/JU
Sample : P3088-14
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4D02

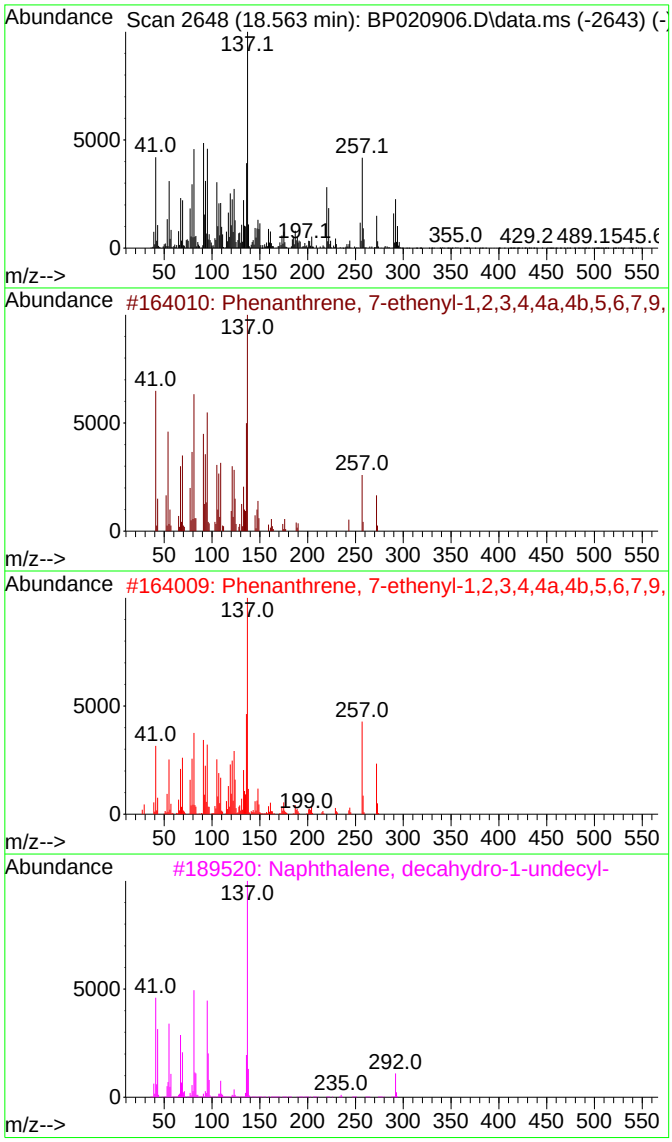
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION

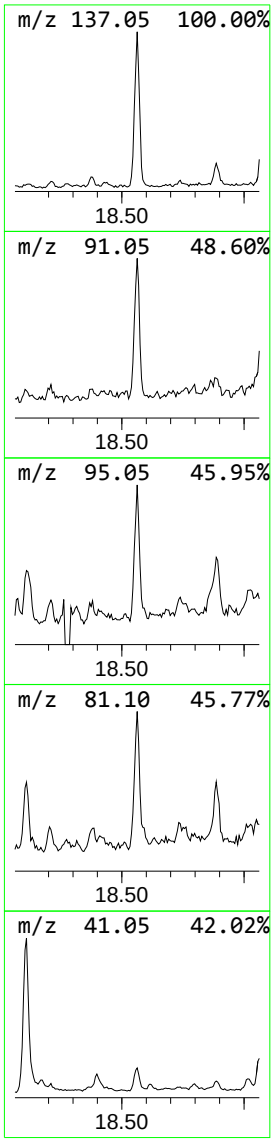
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Phenanthrene, 7-ethenyl-1,2... Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.563	5.74 ng/ul	772299	Phenanthrene-d10	17.169

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 7-ethenyl-1,2,3,4,...	272	C20H32	001686-56-2	96
2	Phenanthrene, 7-ethenyl-1,2,3,4,...	272	C20H32	001686-56-2	95
3	Naphthalene, decahydro-1-undecyl-	292	C21H40	066326-27-0	38
4	(E)-15,16-Dinorlabda-8(17),12-di...	260	C18H28O	167817-63-2	35
5	Hydrocinnamic acid, bornyl ester	286	C19H26O2	326592-24-9	35





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Operator : MA/JU
Sample : P3088-14
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4D02

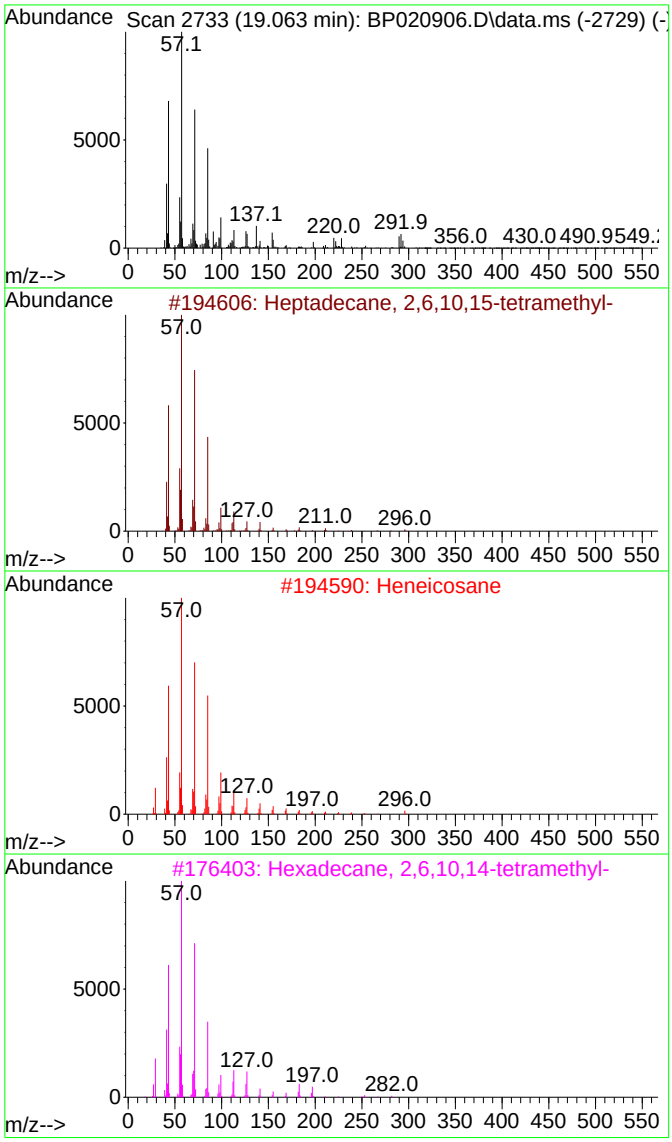
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION

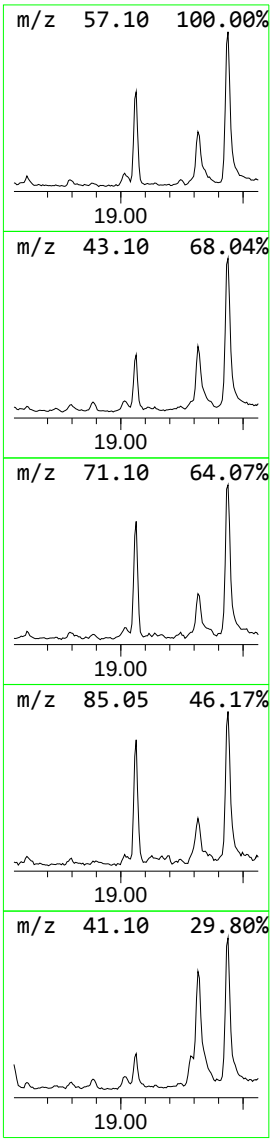
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.063	2.31 ng/ul	311257	Phenanthrene-d10	17.169

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	95
2	Heneicosane	296	C21H44	000629-94-7	93
3	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	78
4	Tetracosane	338	C24H50	000646-31-1	76
5	Octadecane	254	C18H38	000593-45-3	76





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Acq On : 11 Jul 2024 16:40
Operator : MA/JU
Sample : P3088-14
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4D02

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION

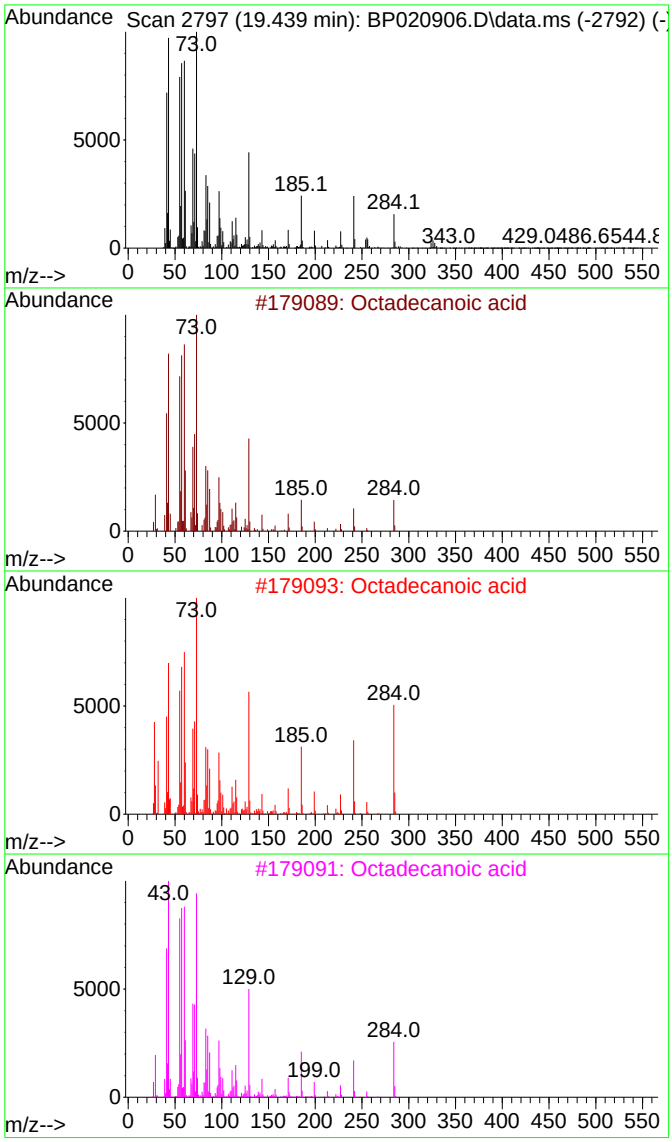
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

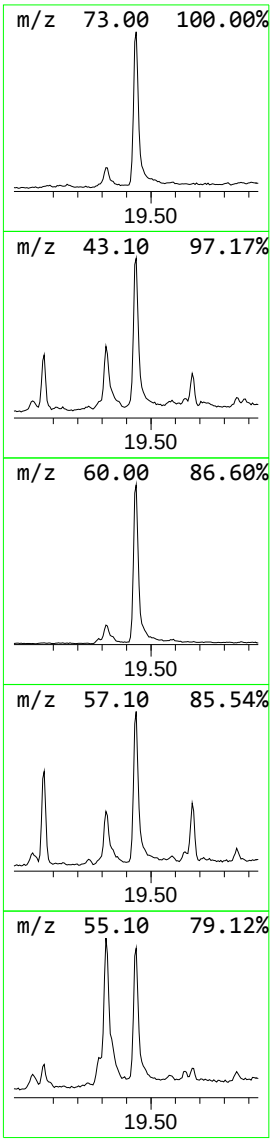
****

Peak Number 12 Octadecanoic acid Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.439	10.46 ng/ul	2206710	Chrysene-d12	21.621

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Octadecanoic acid	284	C18H36O2	000057-11-4	99
3	Octadecanoic acid	284	C18H36O2	000057-11-4	99
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
5	Octadecanoic acid	284	C18H36O2	000057-11-4	95





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Acq On : 11 Jul 2024 16:40
Operator : MA/JU
Sample : P3088-14
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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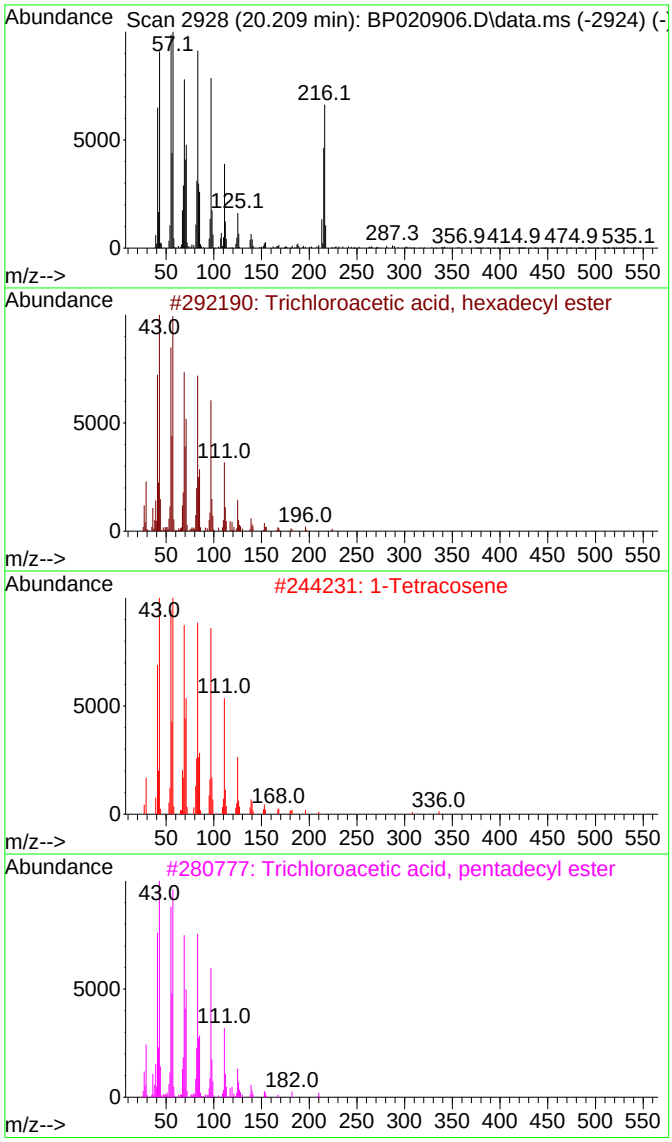
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION

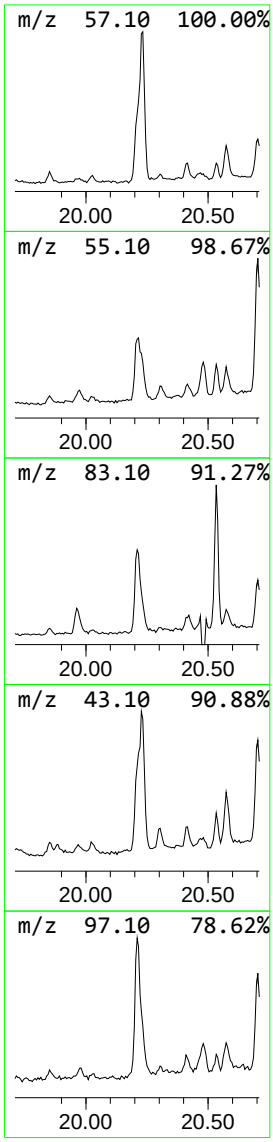
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Trichloroacetic acid, hexad... Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.209	4.04 ng/ul	852006	Chrysene-d12	21.621

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	90
2	1-Tetracosene	336	C24H48	010192-32-2	90
3	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	90
4	Heptafluorobutyric acid, n-tetra...	410	C18H29F7O2	007365-36-8	83
5	1-Nonadecene	266	C19H38	018435-45-5	81





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Operator : MA/JU
Sample : P3088-14
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4D02

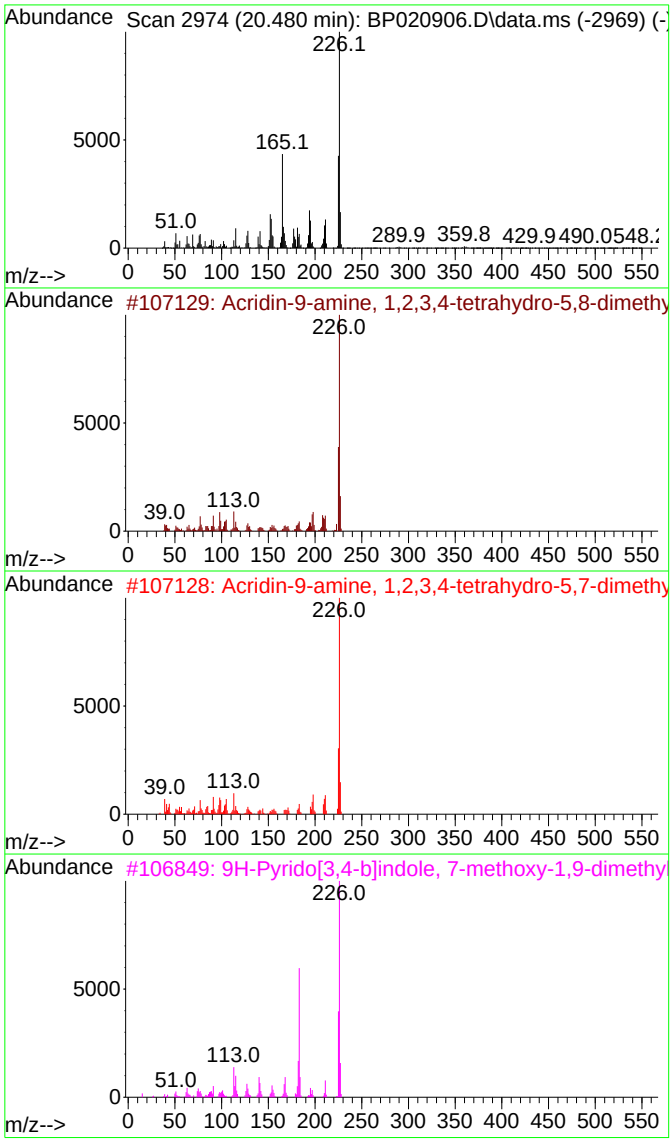
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION

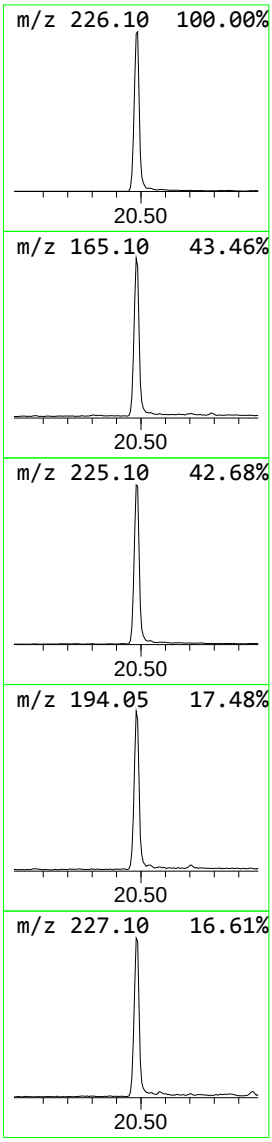
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 Acridin-9-amine, 1,2,3,4-te... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.480	29.76 ng/ul	6280270	Chrysene-d12	21.621

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acridin-9-amine, 1,2,3,4-tetrahy...	226	C15H18N2	297758-19-1	70
2	Acridin-9-amine, 1,2,3,4-tetrahy...	226	C15H18N2	1000300-57-6	64
3	9H-Pyrido[3,4-b]indole, 7-methox...	226	C14H14N2O	143502-37-8	52
4	9H-Pyrido[3,4-b]indole, 7-methox...	226	C14H14N2O	143502-37-8	50
5	Benzenamine, N-[(4-nitrophenyl)m...	226	C13H10N2O2	000785-80-8	46





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Sample : P3088-14
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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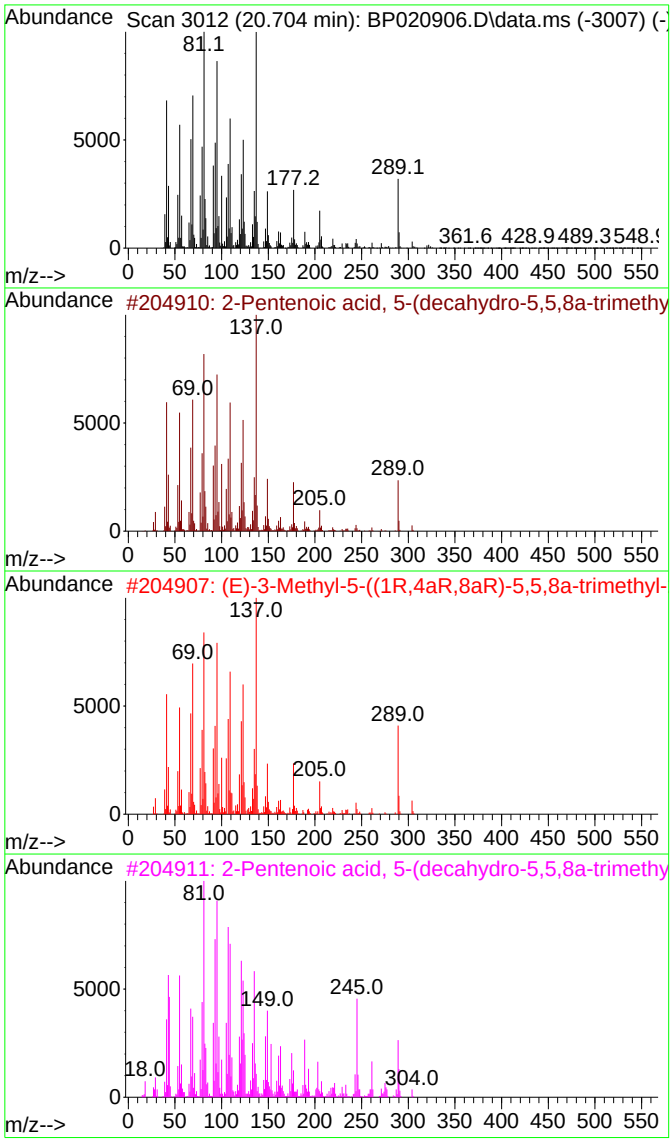
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION

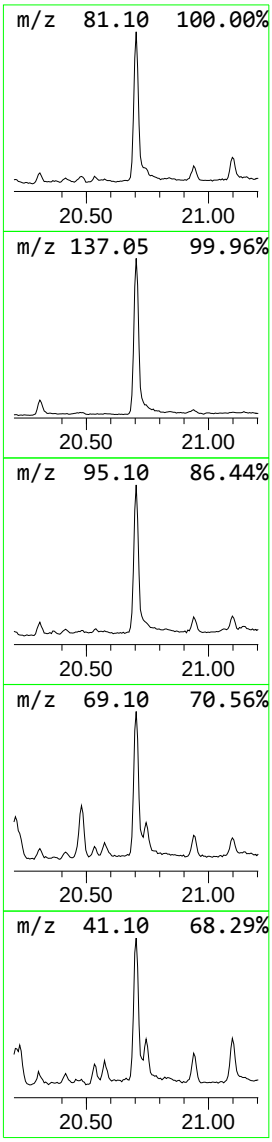
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 2-Pentenoic acid, 5-(decahy... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.704	19.61 ng/ul	4139250	Chrysene-d12	21.621

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentenoic acid, 5-(decahydro-5...	304	C20H32O2	024470-48-2	99
2	(E)-3-Methyl-5-((1R,4aR,8aR)-5,5...	304	C20H32O2	020257-75-4	91
3	2-Pentenoic acid, 5-(decahydro-5...	304	C20H32O2	024470-48-2	55
4	2-Cyclohexene-1-carboxaldehyde, ...	220	C15H24O	056772-07-7	53
5	Naphthalene, 1,1'-(1,2-ethanediy...	302	C22H38	054934-69-9	49





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Operator : MA/JU
Sample : P3088-14
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION

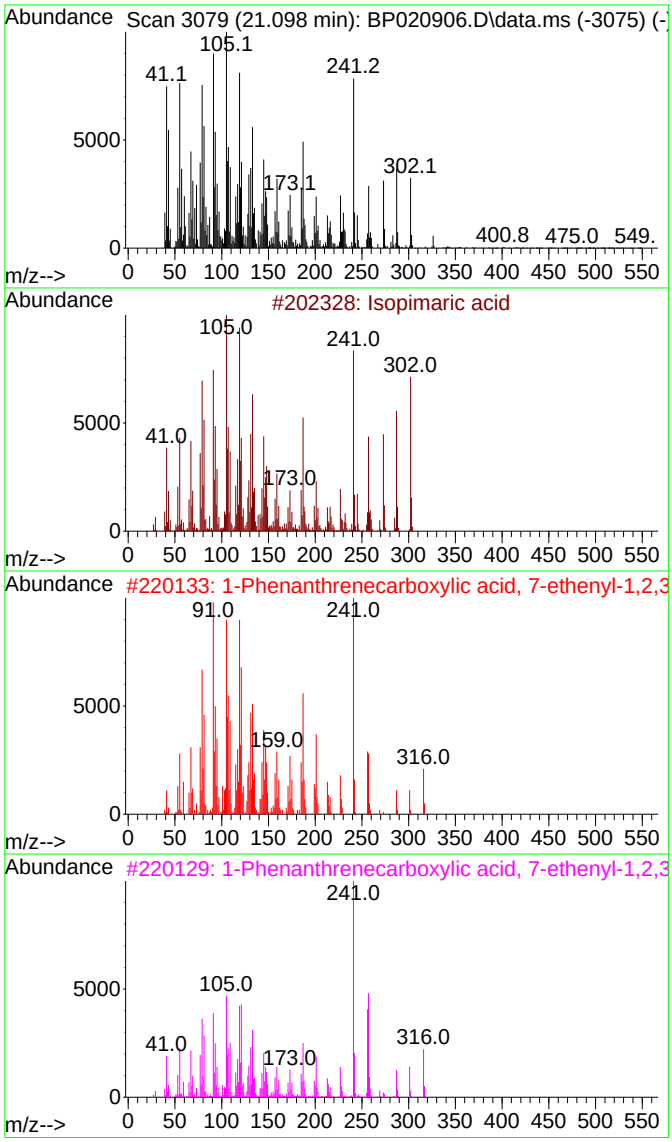
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

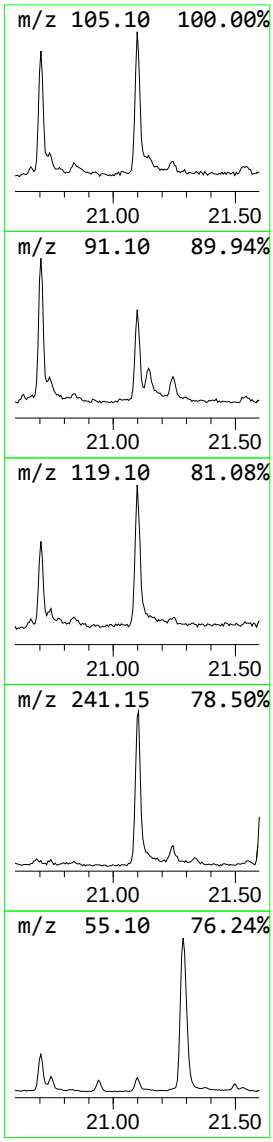
****

Peak Number 19 Isopimaric acid Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.098	9.71 ng/ul	2048990	Chrysene-d12	21.621

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isopimaric acid	302	C20H30O2	005835-26-7	99
2	1-Phenanthrenecarboxylic acid, 7...	316	C21H32O2	001686-62-0	76
3	1-Phenanthrenecarboxylic acid, 7...	316	C21H32O2	001686-62-0	68
4	10,12-Tricosadiynoic acid, methy...	360	C24H40O2	1010333-59-4	38
5	[1,2,4]Triazolo[1,5-a]pyrimidin-...	241	C12H11N5O	1000351-09-2	25





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Sample : P3088-14
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4D02

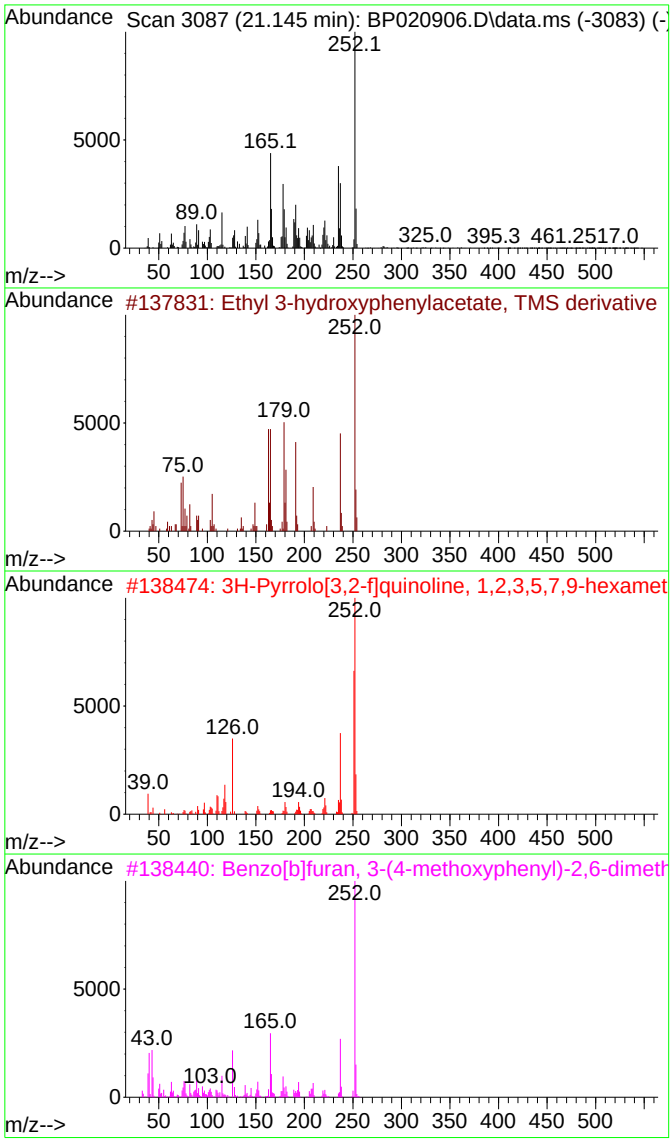
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION

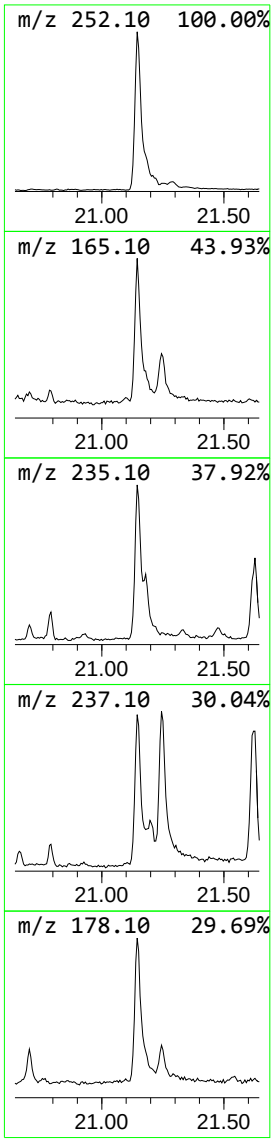
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 Ethyl 3-hydroxyphenylacetat... Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.145	6.27 ng/ul	1323630	Chrysene-d12	21.621

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethyl 3-hydroxyphenylacetate, TM...	252	C13H20O3Si	067903-48-4	70
2	3H-Pyrrolo[3,2-f]quinoline, 1,2,...	252	C17H20N2	1000302-73-4	70
3	Benzo[b]furan, 3-(4-methoxypheny...	252	C17H16O2	074228-98-1	70
4	Benzonitrile, 3-(3-hydroxy-4-met...	252	C15H12N2O2	304683-23-6	50
5	2,2-Dimethyl-4-phenyl-1,2-dihydr...	252	C16H16N2O	004827-51-4	49





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Acq On : 11 Jul 2024 16:40
Operator : MA/JU
Sample : P3088-14
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4D02

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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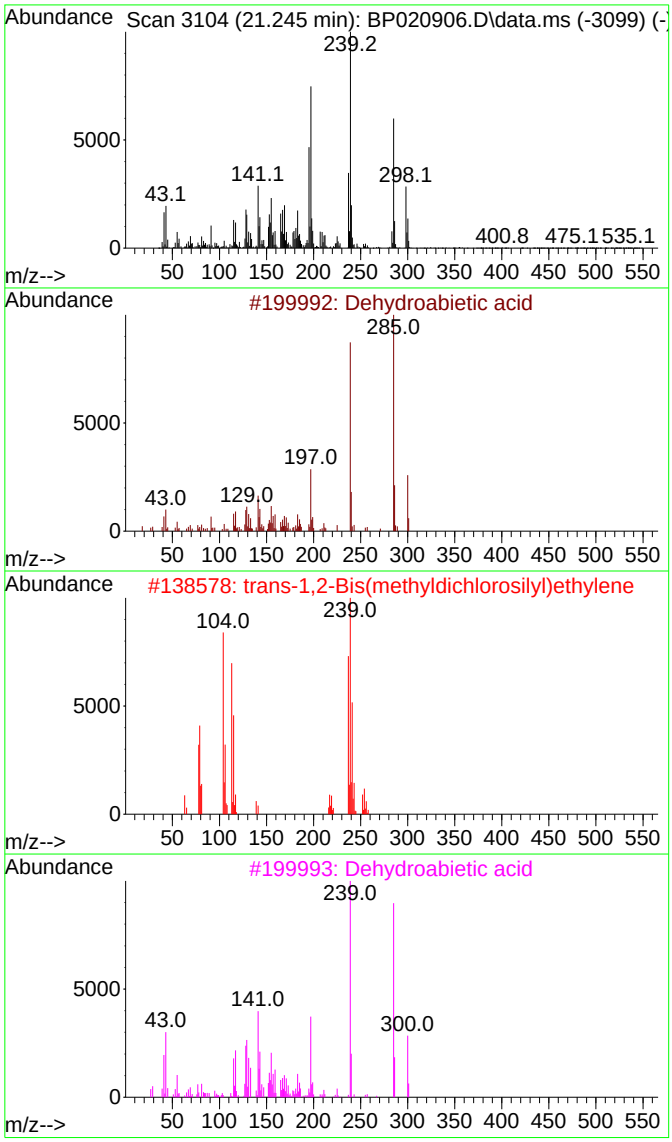
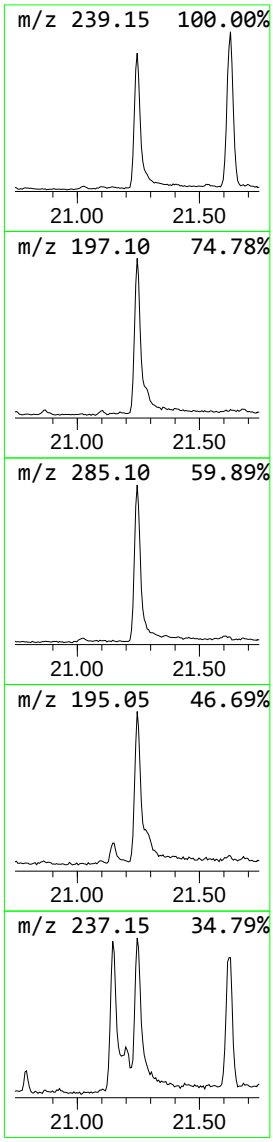
Peak Number 21 Dehydroabietic acid Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.245	6.90 ng/ul	1456860	Chrysene-d12	21.621

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dehydroabietic acid	300	C20H28O2	001740-19-8	91
2	trans-1,2-Bis(methyldichlorosily...	252	C4H8Cl4Si2	065899-10-7	70
3	Dehydroabietic acid	300	C20H28O2	001740-19-8	70
4	13-Methyl-9-oxo-2-oxa-4,10-diaza...	305	C13H11N3O4S	1000410-02-0	56
5	Dehydroabietic acid	300	C20H28O2	001740-19-8	49





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Sample : P3088-14
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4D02

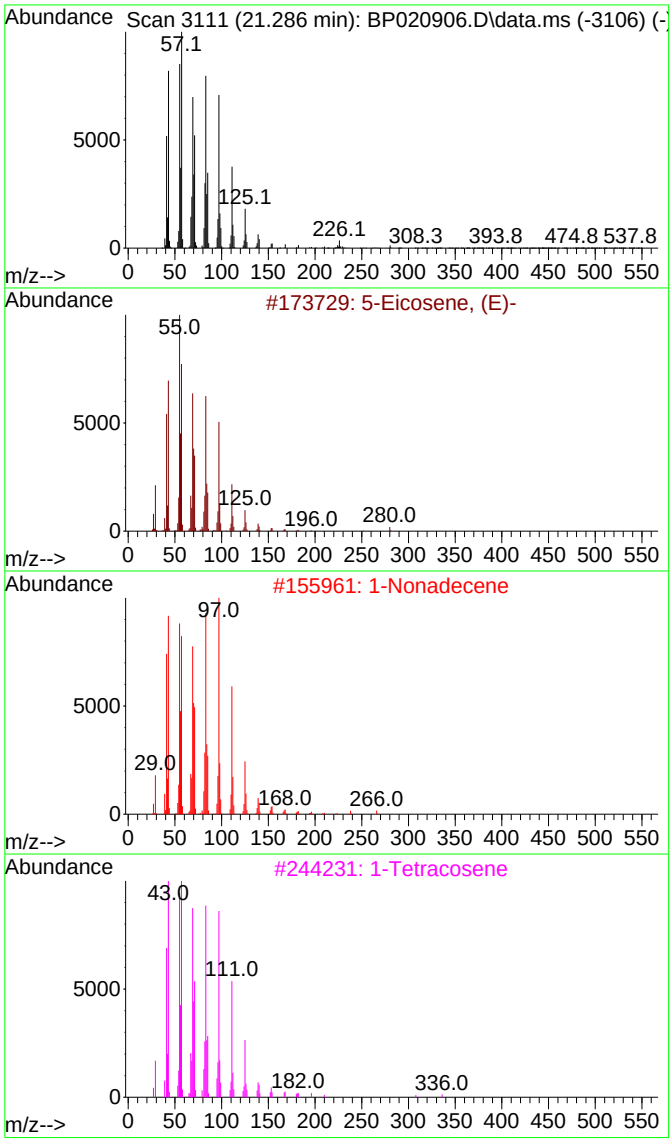
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION

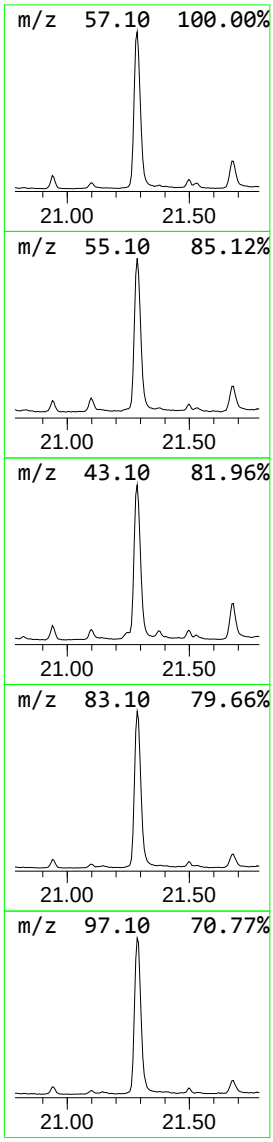
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 22 (DEL) Alkane: Straight-Chai... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.286	48.05 ng/ul	10141400	Chrysene-d12	21.621

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Eicosene, (E)-	280	C20H40	074685-30-6	98
2	1-Nonadecene	266	C19H38	018435-45-5	96
3	1-Tetracosene	336	C24H48	010192-32-2	94
4	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	94
5	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	94





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Sample : P3088-14
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ClientSampleId :
A4D02

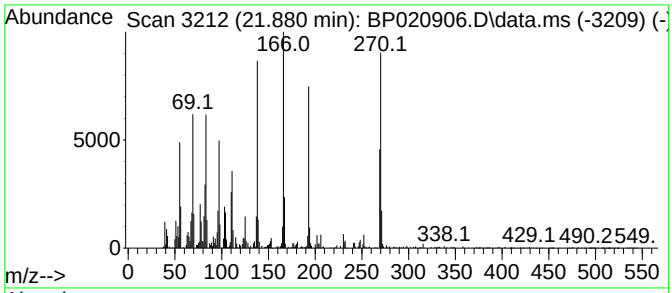
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION

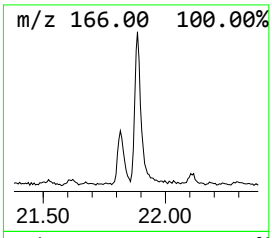
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

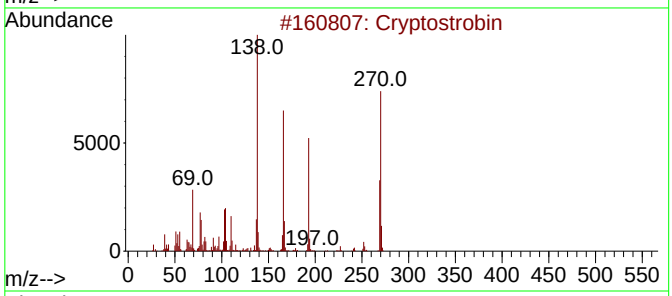
****
Peak Number 23 Cryptostrobin Concentration Rank 22

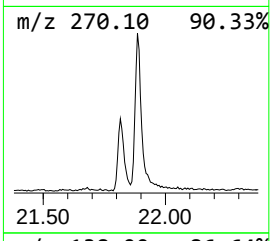
R.T.	EstConc	Area	Relative to ISTD	R.T.
21.880	8.50 ng/ul	1793380	Chrysene-d12	21.621

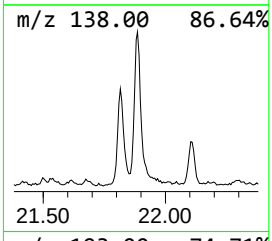
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cryptostrobin	270	C16H14O4	1010497-72-2	96
2	2-Propen-1-one, 1-(2,6-dihydroxy...	270	C16H14O4	018956-15-5	78
3	4H-1-Benzopyran-4-one, 2,3-dihyd...	270	C16H14O4	000480-37-5	70
4	2-Propen-1-one, 1-(2,4-dihydroxy...	270	C16H14O4	028143-82-0	64
5	5-Hydroxy-7-methoxyflavanone	270	C16H14O4	075291-74-6	64

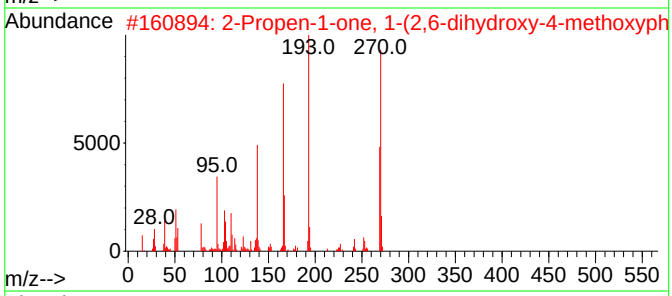


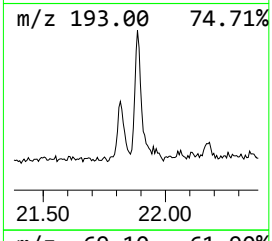


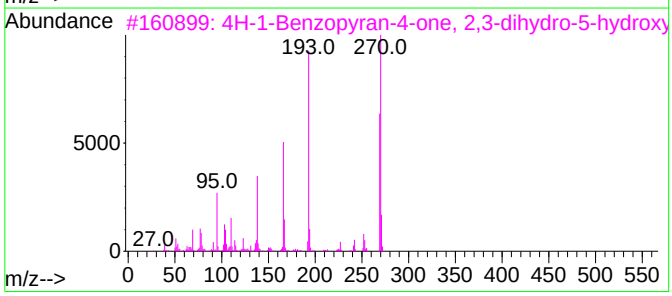


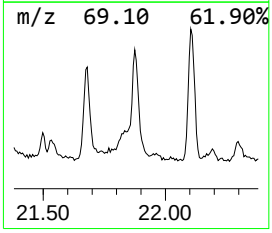












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Acq On : 11 Jul 2024 16:40
Operator : MA/JU
Sample : P3088-14
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4D02

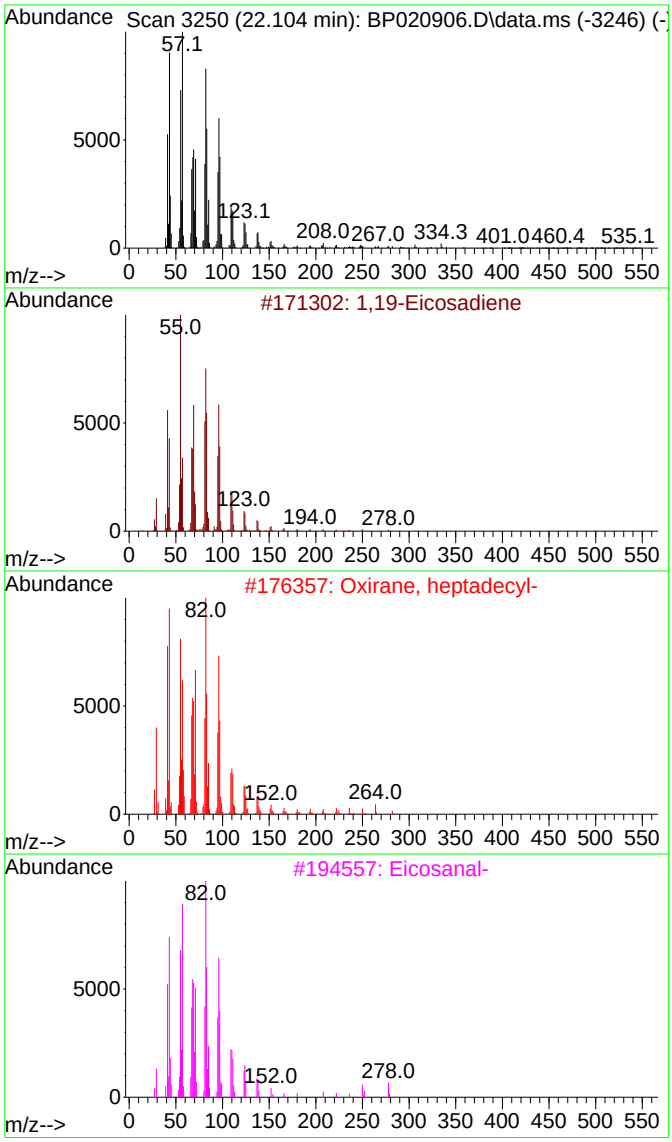
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION

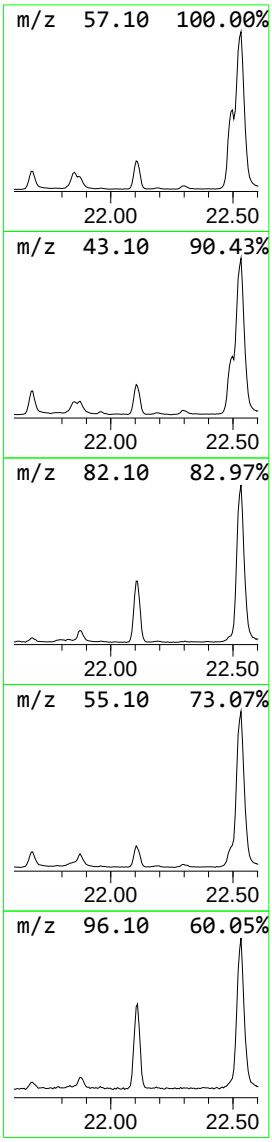
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 24 1,19-Eicosadiene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.104	13.70 ng/ul	2891910	Chrysene-d12	21.621

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,19-Eicosadiene	278	C20H38	014811-95-1	95
2	Oxirane, heptadecyl-	282	C19H38O	067860-04-2	95
3	Eicosanal-	296	C20H40O	002400-66-0	94
4	Oleyl alcohol, methyl ether	282	C19H38O	1010352-68-0	91
5	Octadecanal	268	C18H36O	000638-66-4	91





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Acq On : 11 Jul 2024 16:40
Operator : MA/JU
Sample : P3088-14
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4D02

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION

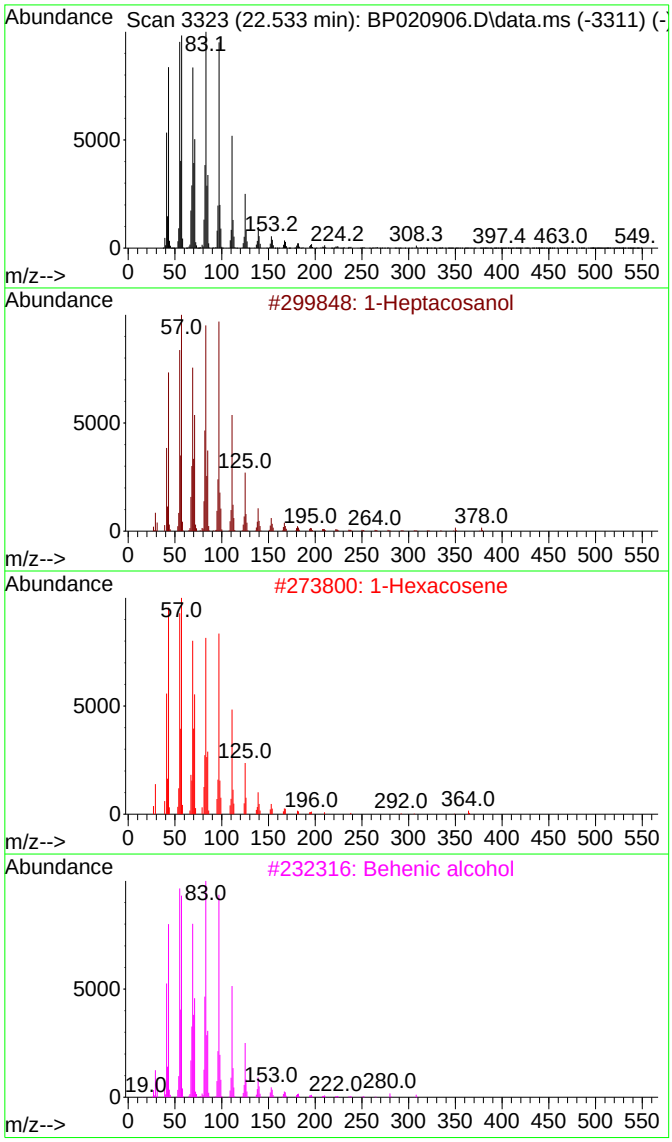
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

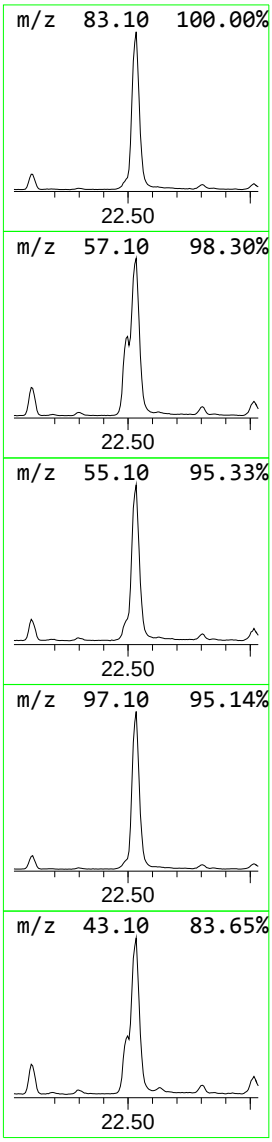
****

Peak Number 25 1-Heptacosanol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.533	112.05 ng/ul	23647500	Chrysene-d12	21.621

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heptacosanol	396	C27H56O	002004-39-9	95
2	1-Hexacosene	364	C26H52	018835-33-1	95
3	Behenic alcohol	326	C22H46O	000661-19-8	95
4	1-Tetracosene	336	C24H48	010192-32-2	94
5	1-Heneicosanol	312	C21H44O	015594-90-8	94





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Acq On : 11 Jul 2024 16:40
Operator : MA/JU
Sample : P3088-14
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4D02

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION

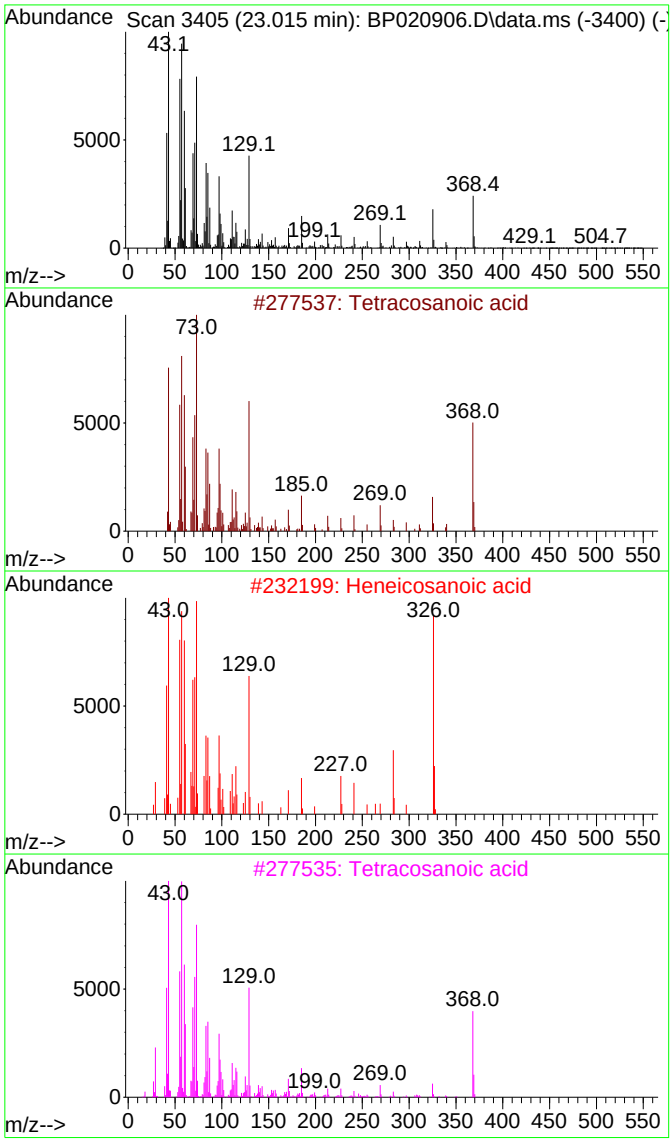
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

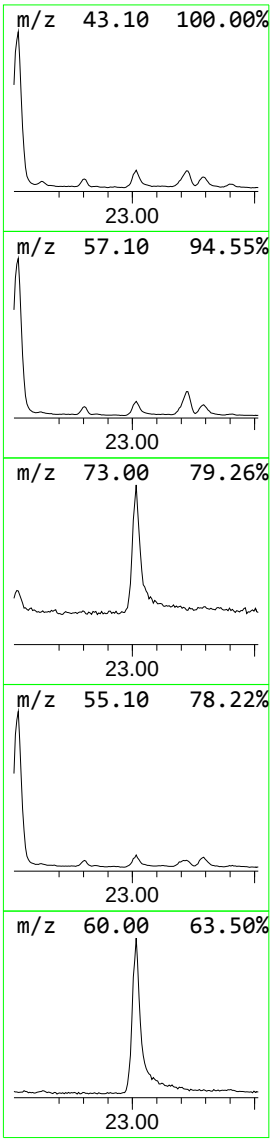
****

Peak Number 27 Tetracosanoic acid Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.015	8.29 ng/ul	1750380	Chrysene-d12	21.621

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosanoic acid	368	C24H48O2	000557-59-5	98
2	Heneicosanoic acid	326	C21H42O2	002363-71-5	97
3	Tetracosanoic acid	368	C24H48O2	000557-59-5	96
4	Tetracosanoic acid	368	C24H48O2	000557-59-5	95
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	64





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Operator : MA/JU
Sample : P3088-14
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4D02

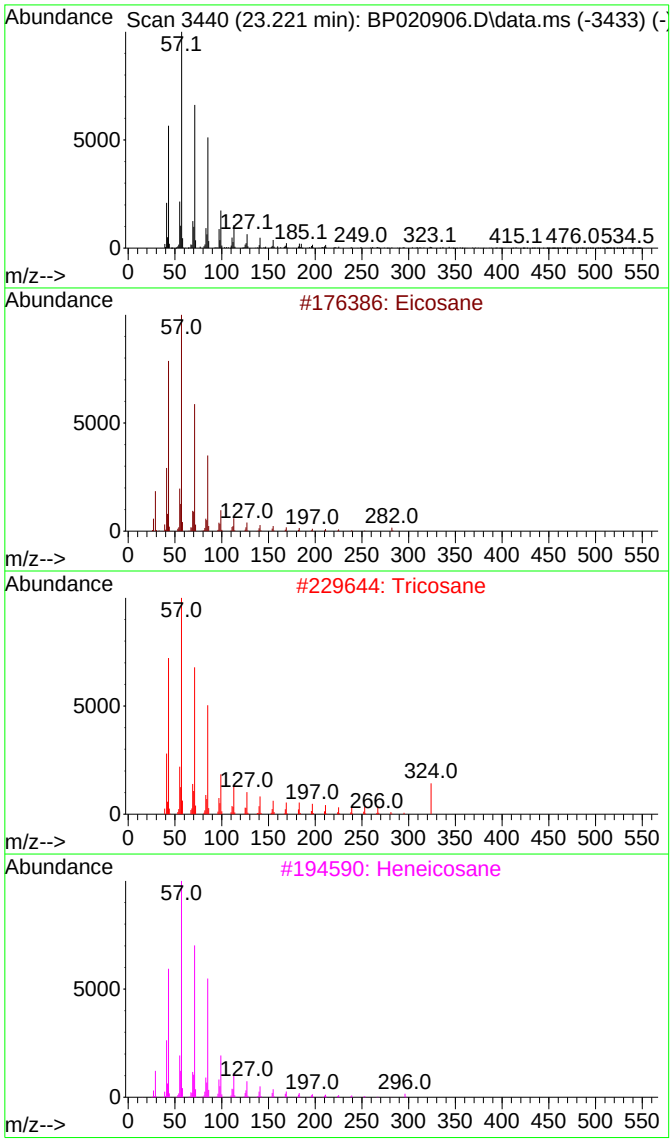
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION

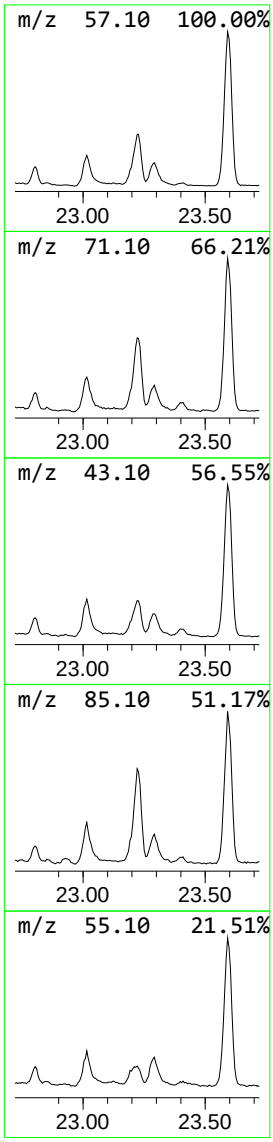
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 28 (DEL) Alkane: Straight-Chai... Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.221	6.82 ng/ul	1438330	Chrysene-d12	21.621

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	94
2	Tricosane	324	C23H48	000638-67-5	94
3	Heneicosane	296	C21H44	000629-94-7	91
4	2-Methylheptacosane	394	C28H58	001561-00-8	91
5	Octadecane	254	C18H38	000593-45-3	91





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Operator : MA/JU
Sample : P3088-14
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4D02

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION

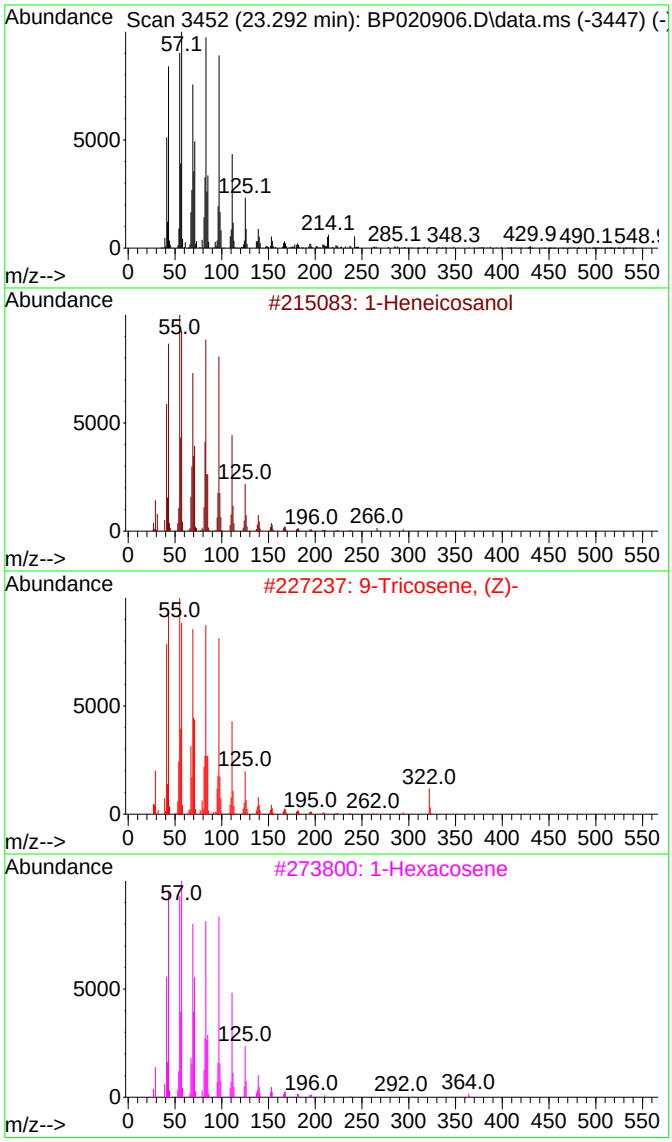
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

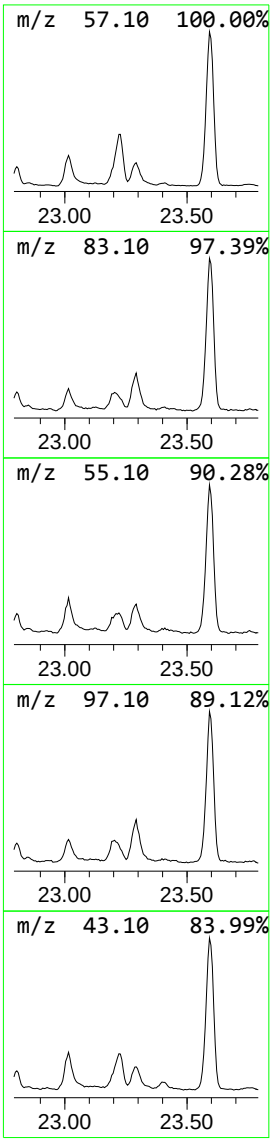
****

Peak Number 29 1-Heneicosanol Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.292	7.79 ng/ul	1643900	Chrysene-d12	21.621

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosanol	312	C21H44O	015594-90-8	95
2	9-Tricosene, (Z)-	322	C23H46	027519-02-4	94
3	1-Hexacosene	364	C26H52	018835-33-1	94
4	Nonacos-1-ene	406	C29H58	018835-35-3	94
5	1-Heptacosanol	396	C27H56O	002004-39-9	94





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Operator : MA/JU
Sample : P3088-14
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4D02

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION

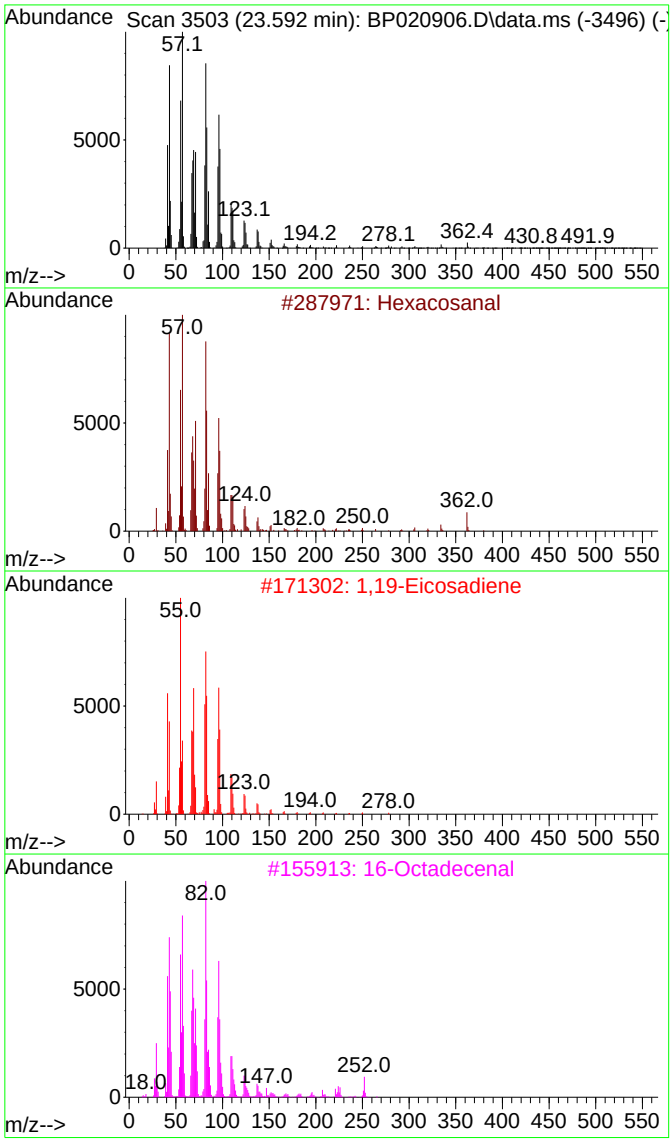
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

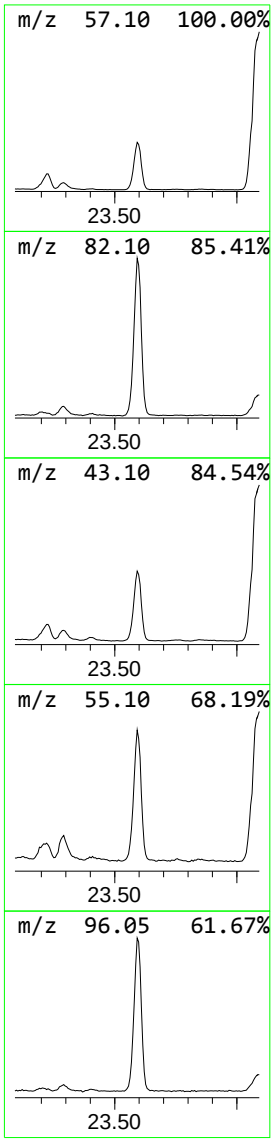
****

Peak Number 30 Hexacosanal Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.592	59.45 ng/ul	9185780	Perylene-d12	24.968

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosanal	380	C26H52O	026627-85-0	97
2	1,19-Eicosadiene	278	C20H38	014811-95-1	95
3	16-Octadecenal	266	C18H34O	056554-87-1	93
4	17-Octadecenal	266	C18H34O	056554-86-0	93
5	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	91





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Sample : P3088-14
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4D02

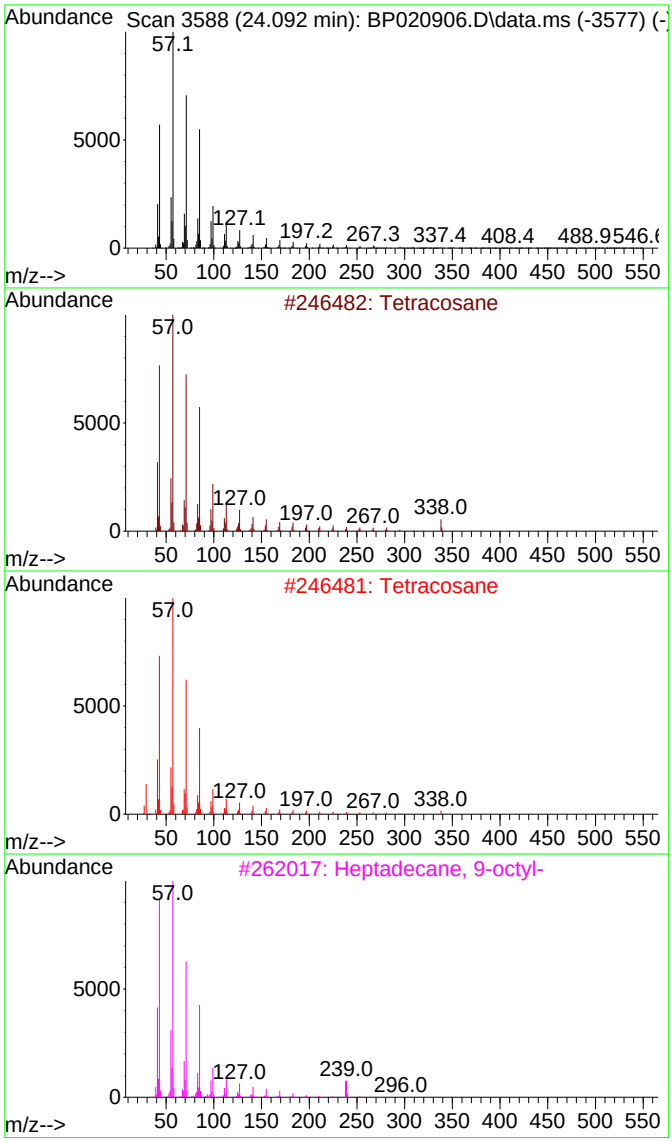
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION

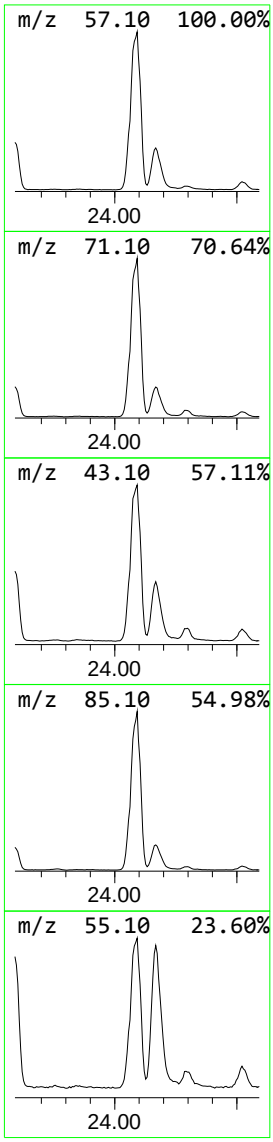
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 31 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.092	121.03 ng/ul	18702300	Perylene-d12	24.968

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	98
2	Tetracosane	338	C24H50	000646-31-1	97
3	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	95
4	Eicosane, 10-methyl-	296	C21H44	054833-23-7	93
5	Heneicosane	296	C21H44	000629-94-7	91





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Operator : MA/JU
Sample : P3088-14
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4D02

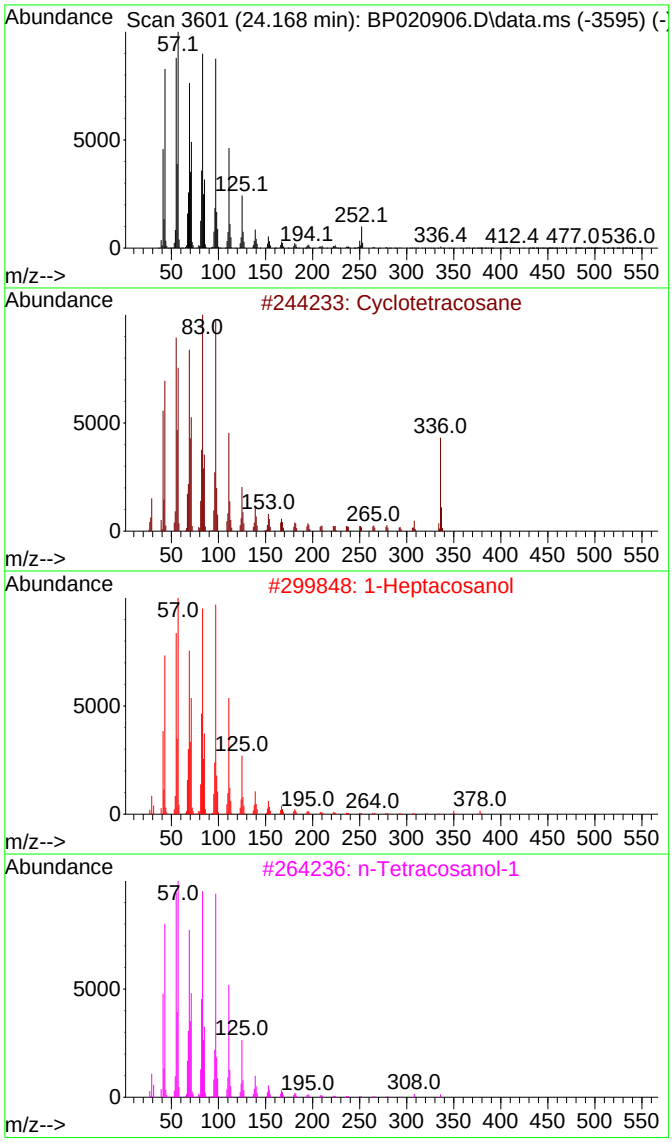
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION

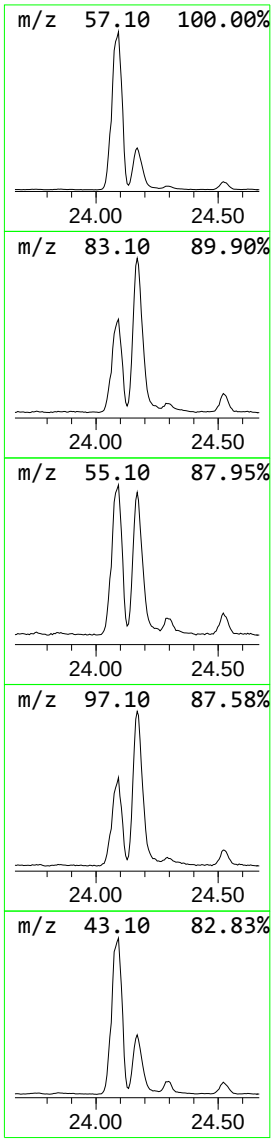
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 32 (DEL) Alkane: Cyclic24.168 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.168	62.53 ng/ul	9662930	Perylene-d12	24.968

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotetracosane	336	C24H48	000297-03-0	95
2	1-Heptacosanol	396	C27H56O	002004-39-9	95
3	n-Tetracosanol-1	354	C24H50O	000506-51-4	94
4	1-Hexacosene	364	C26H52	018835-33-1	94
5	1-Heneicosanol	312	C21H44O	015594-90-8	94





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Operator : MA/JU
Sample : P3088-14
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4D02

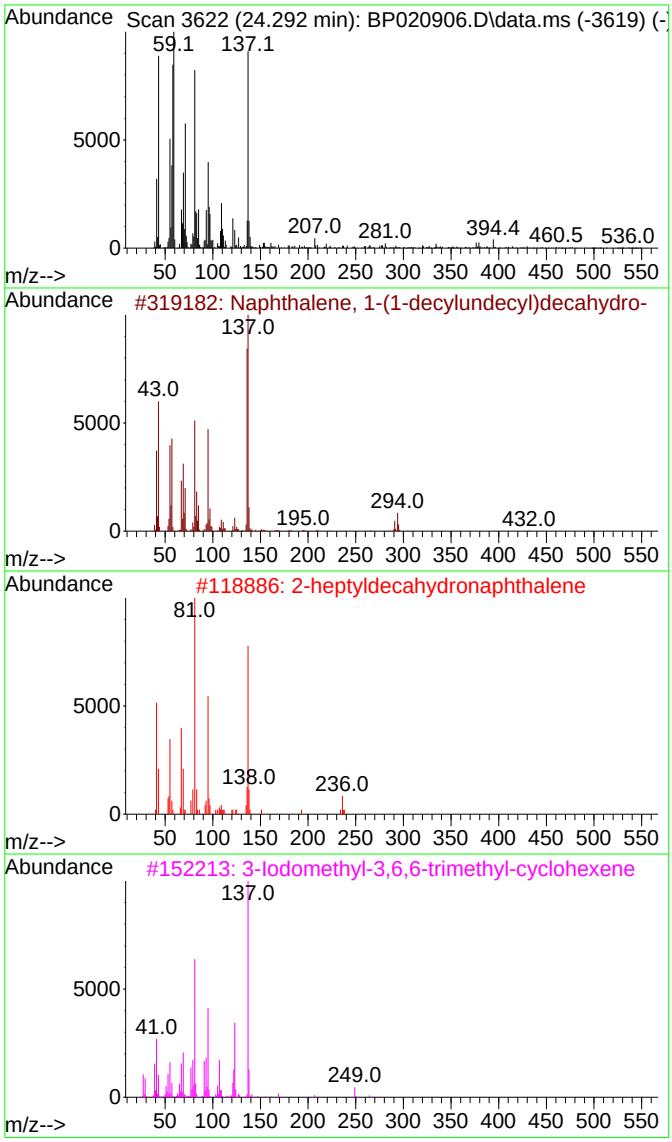
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION

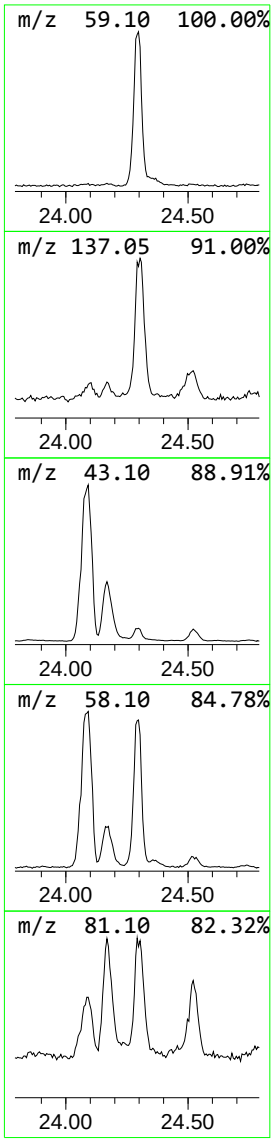
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 33 Naphthalene, 1-(1-decylunde... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.292	8.59 ng/ul	1328010	Perylene-d12	24.968

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-(1-decylundecyl)d...	432	C31H60	055320-00-8	50
2	2-heptyldecahydronaphthalene	236	C17H32	1000441-03-2	41
3	3-Iodomethyl-3,6,6-trimethyl-cyc...	264	C10H17I	1000193-08-2	41
4	2-Pentacosanone	366	C25H50O	075207-54-4	38
5	Naphthalene, 1,1'-(1,10-decanedi...	414	C30H54	055268-64-9	38





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Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4D02

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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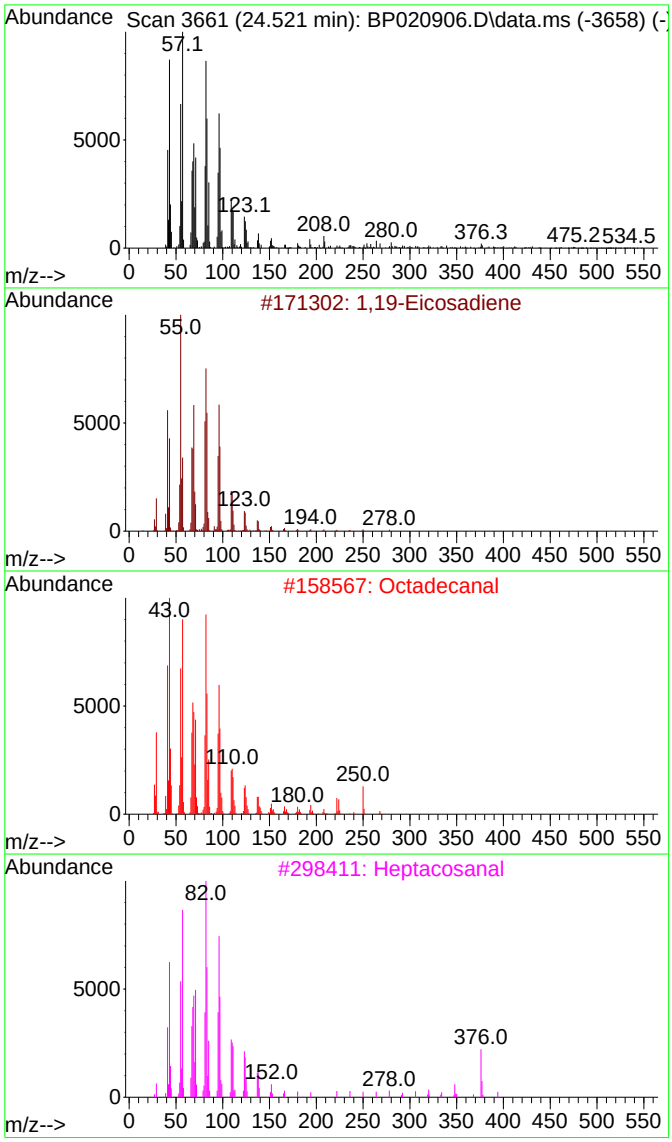
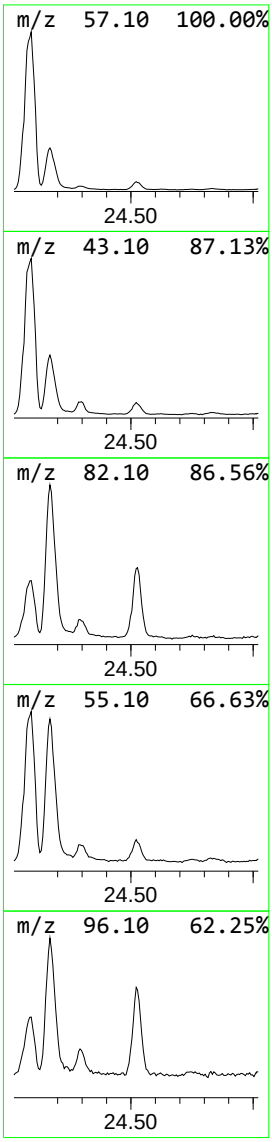
Peak Number 34 Octadecanal Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.521	9.55 ng/ul	1476460	Perylene-d12	24.968

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,19-Eicosadiene	278	C20H38	014811-95-1	95
2	Octadecanal	268	C18H36O	000638-66-4	93
3	Heptacosanal	394	C27H54O	072934-03-3	91
4	Hexacosanal	380	C26H52O	026627-85-0	91
5	Octadecanal	268	C18H36O	000638-66-4	91





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Operator : MA/JU
Sample : P3088-14
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4D02

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION

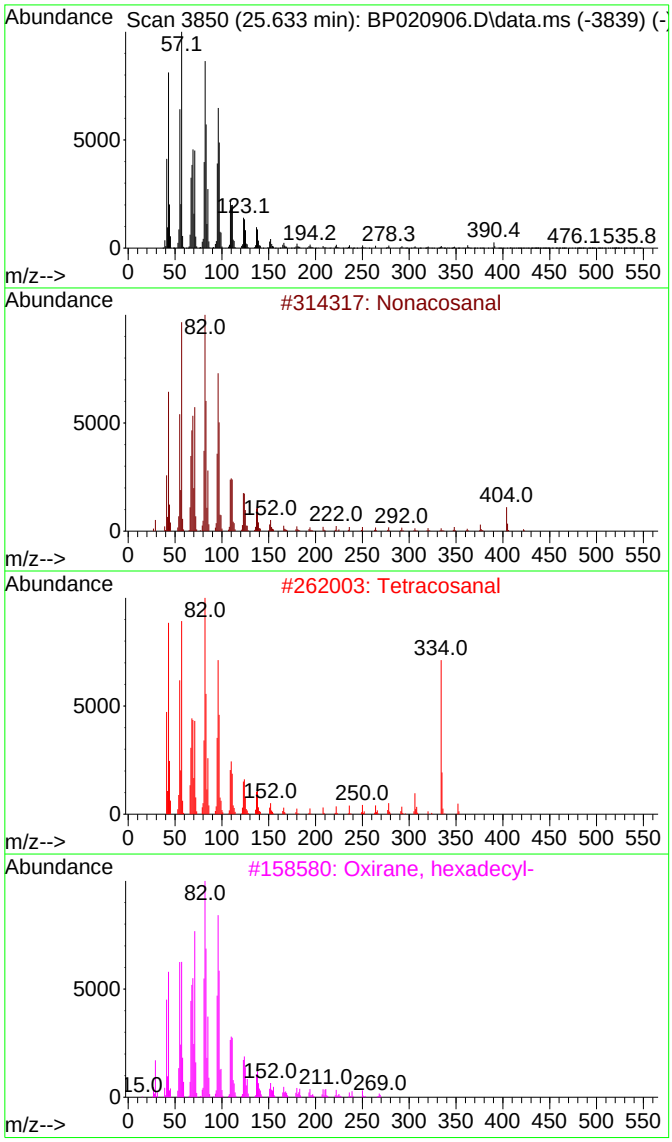
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

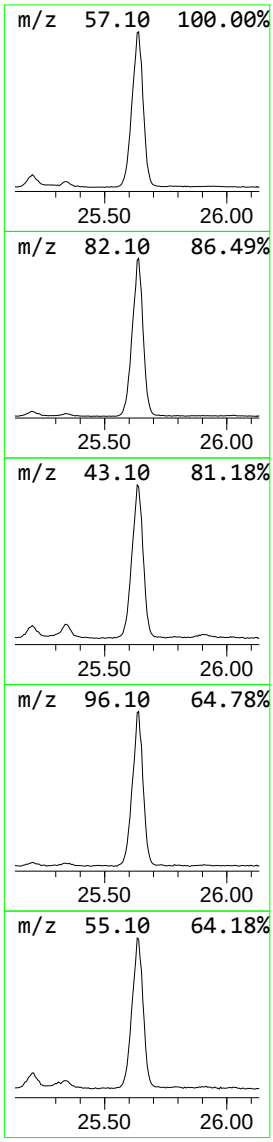
****

Peak Number 35 Nonacosanal Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.633	94.59 ng/ul	14616400	Perylene-d12	24.968

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonacosanal	422	C29H58O	072934-04-4	95
2	Tetracosanal	352	C24H48O	057866-08-7	91
3	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	91
4	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	91
5	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	91





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Data File : BP020906.D
Acq On : 11 Jul 2024 16:40
Operator : MA/JU
Sample : P3088-14
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4D02

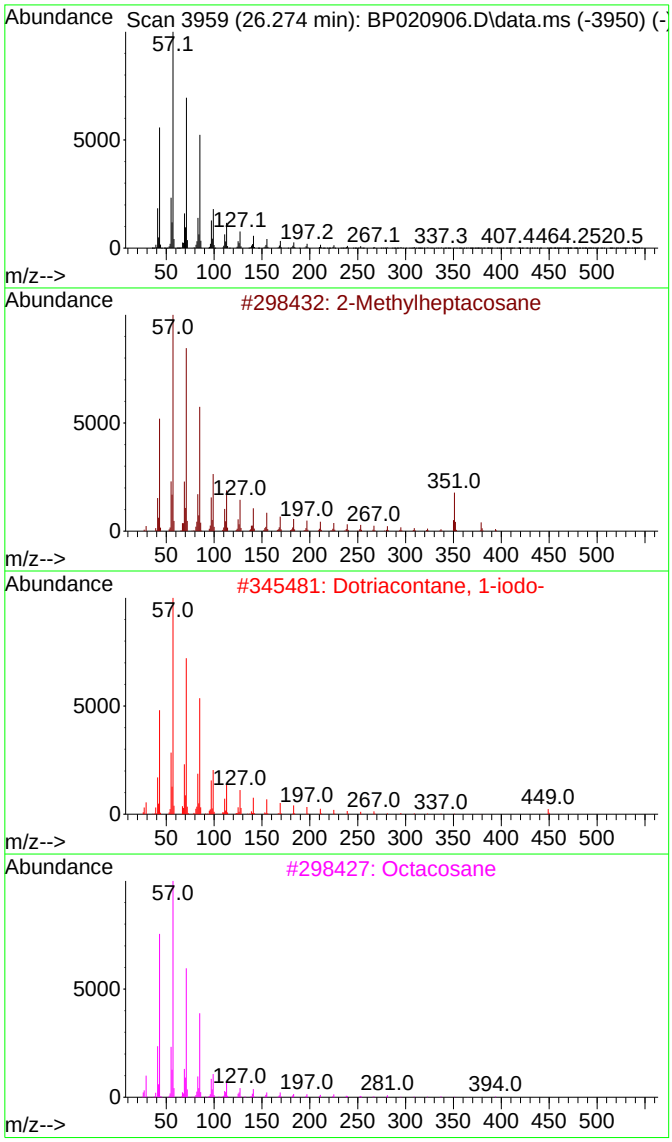
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION

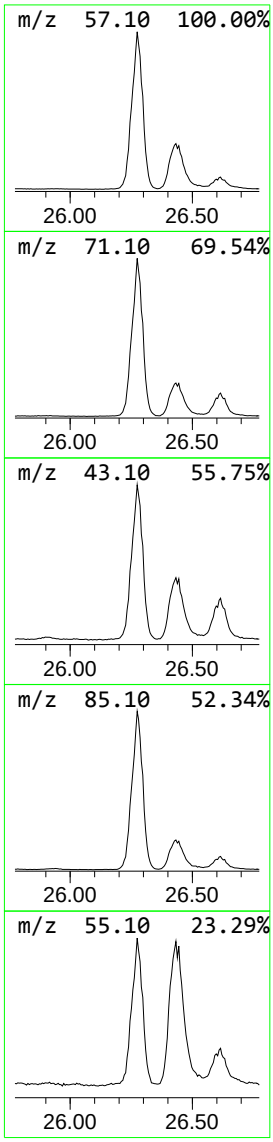
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 36 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.274	86.64 ng/ul	13388400	Perylene-d12	24.968

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Methylheptacosane	394	C28H58	001561-00-8	94
2	Dotriacontane, 1-iodo-	576	C32H65I	1000406-32-4	91
3	Octacosane	394	C28H58	000630-02-4	91
4	Hexacosane	366	C26H54	000630-01-3	91
5	Octacosane, 2-methyl-	408	C29H60	001560-98-1	91





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Acq On : 11 Jul 2024 16:40
Operator : MA/JU
Sample : P3088-14
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4D02

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION

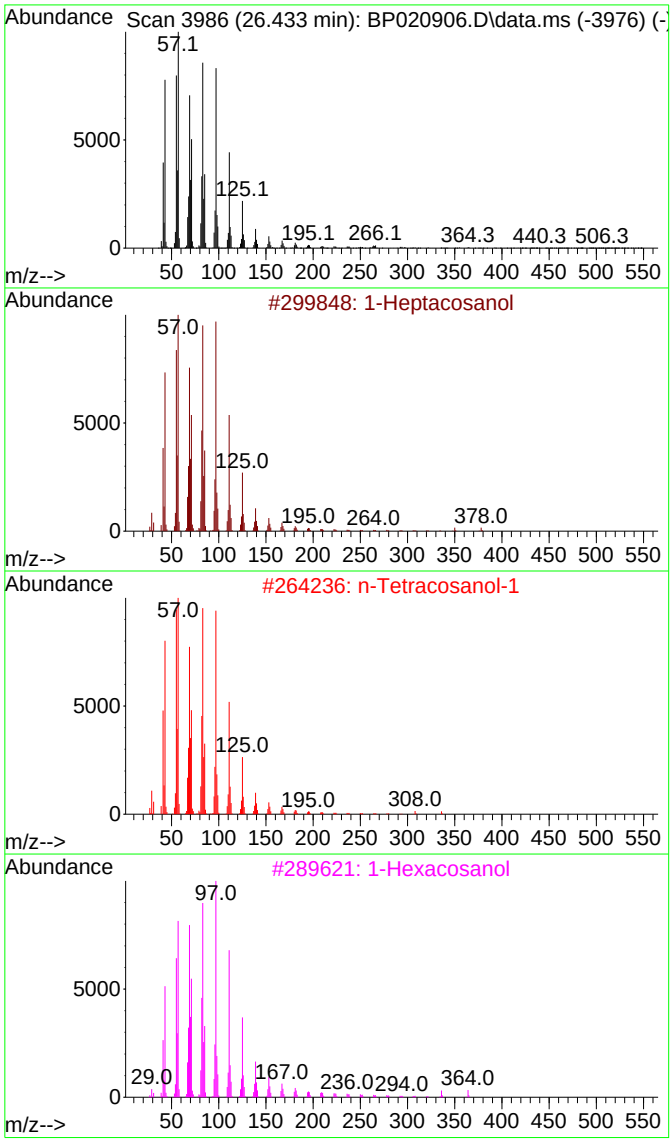
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

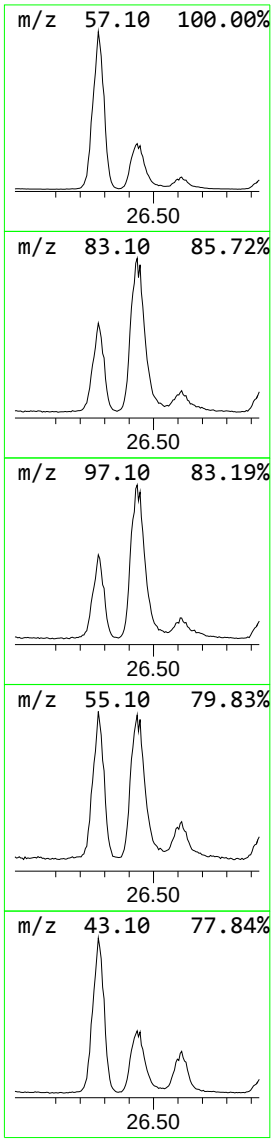
****

Peak Number 37 n-Tetracosanol-1 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.433	60.16 ng/ul	9296940	Perylene-d12	24.968

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heptacosanol	396	C27H56O	002004-39-9	95
2	n-Tetracosanol-1	354	C24H50O	000506-51-4	94
3	1-Hexacosanol	382	C26H54O	000506-52-5	94
4	1-Hexacosene	364	C26H52	018835-33-1	94
5	Triacontyl acetate	480	C32H64O2	041755-58-2	94





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Acq On : 11 Jul 2024 16:40
Operator : MA/JU
Sample : P3088-14
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4D02

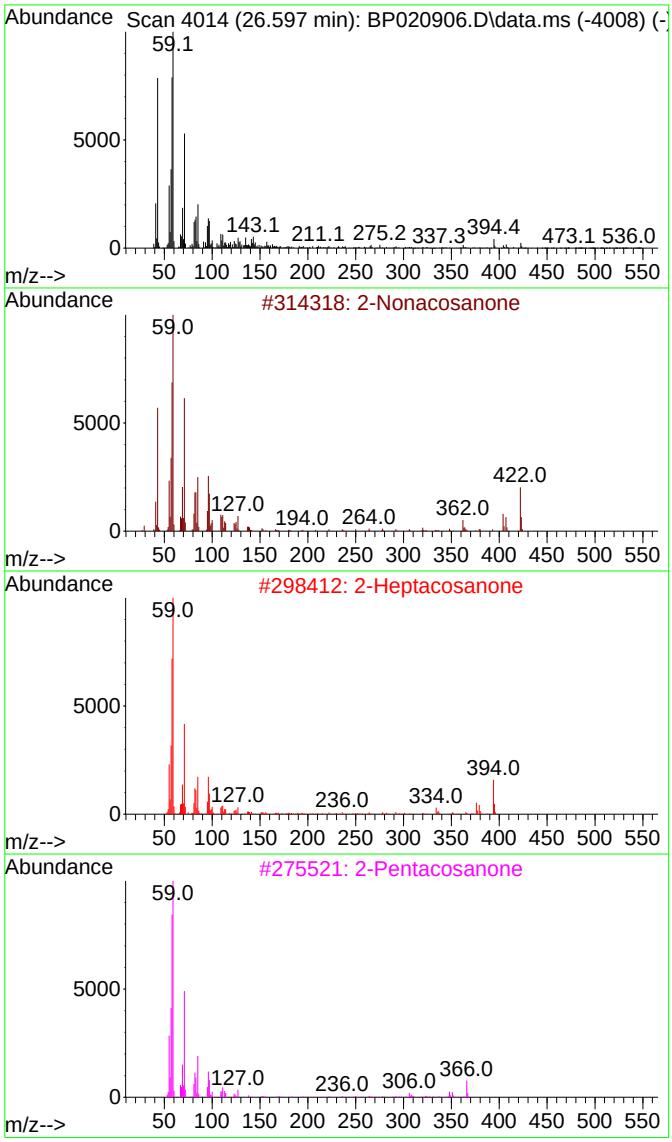
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION

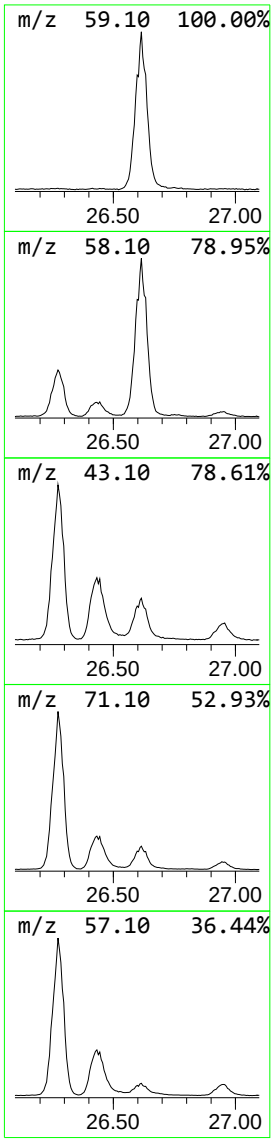
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 38 2-Nonacosanone Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.597	7.86 ng/ul	1214200	Perylene-d12	24.968

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Nonacosanone	422	C29H58O	017600-99-6	94
2	2-Heptacosanone	394	C27H54O	007796-19-2	94
3	2-Pentacosanone	366	C25H50O	075207-54-4	86
4	Oxirane, 3-ethyl-2,2-dimethyl-	100	C6H12O	001192-22-9	64
5	2-Nonadecanone	282	C19H38O	000629-66-3	47





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Acq On : 11 Jul 2024 16:40
Operator : MA/JU
Sample : P3088-14
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4D02

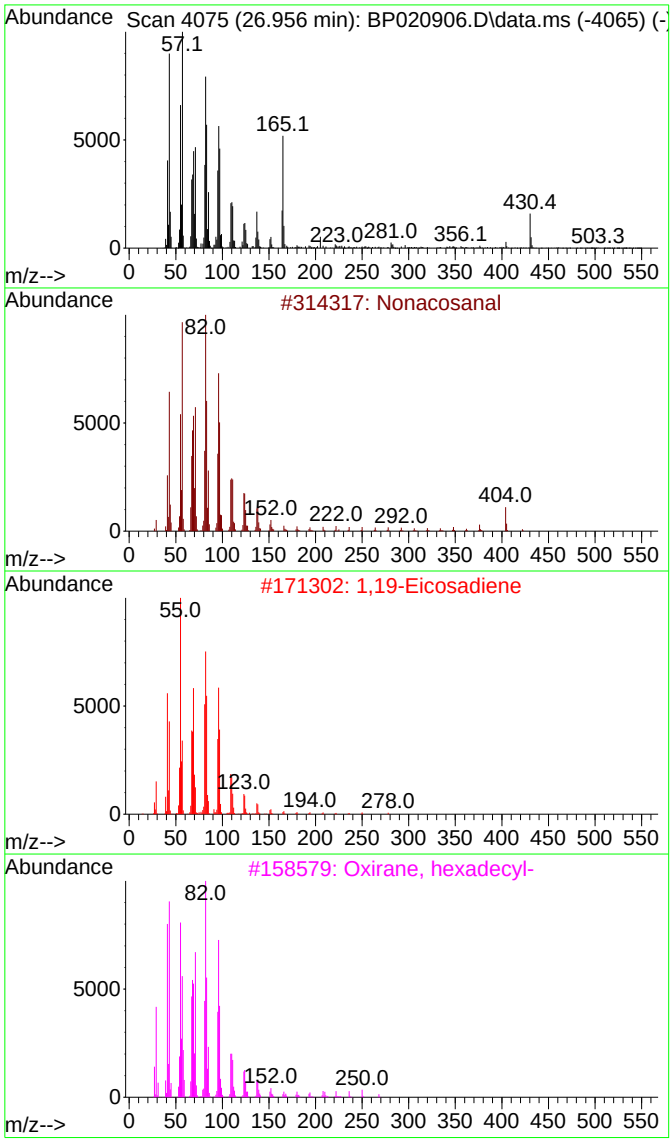
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION

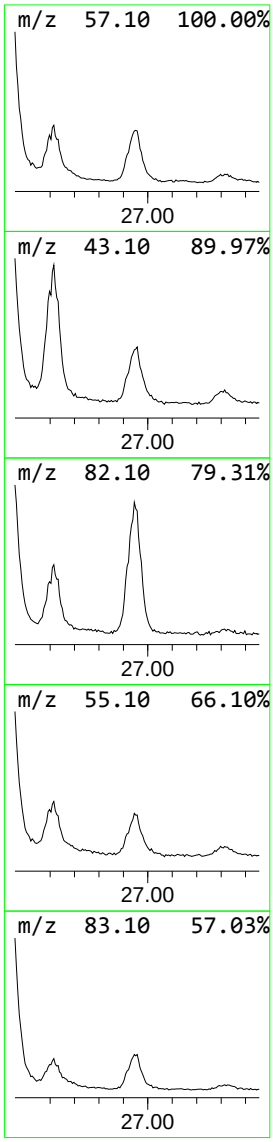
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 39 Oxirane, hexadecyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.956	19.68 ng/ul	3040390	Perylene-d12	24.968

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonacosanal	422	C29H58O	072934-04-4	90
2	1,19-Eicosadiene	278	C20H38	014811-95-1	83
3	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	74
4	Hexacosanal	380	C26H52O	026627-85-0	72
5	Tetracosanal	352	C24H48O	057866-08-7	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071124\
Data File : BP020906.D
Acq On : 11 Jul 2024 16:40
Operator : MA/JU
Sample : P3088-14
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4D02

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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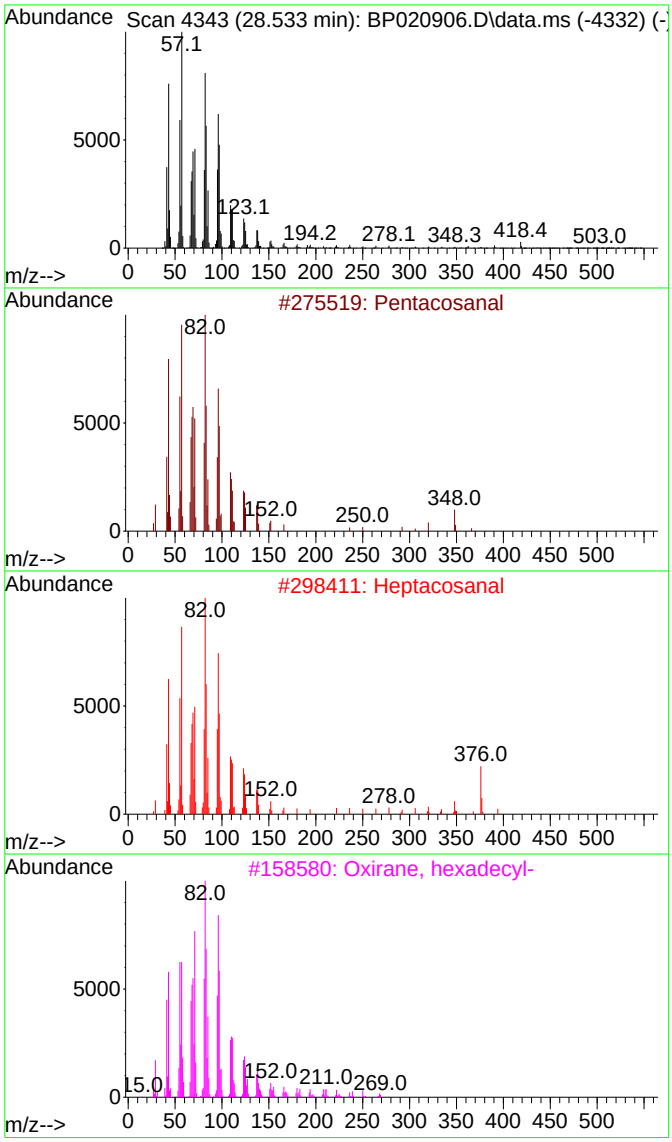
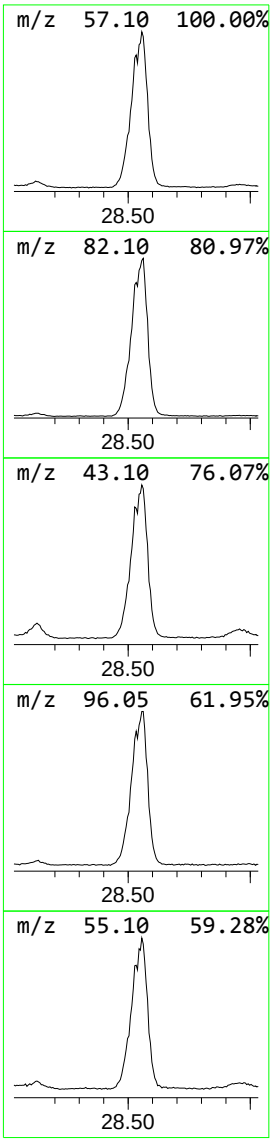
Peak Number 40 Pentacosanal Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
28.533	43.14 ng/ul	6666890	Perylene-d12	24.968

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentacosanal	366	C25H50O	058196-28-4	94
2	Heptacosanal	394	C27H54O	072934-03-3	94
3	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	91
4	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	91
5	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071124\
Data File : BP020906.D
Acq On : 11 Jul 2024 16:40
Operator : MA/JU
Sample : P3088-14
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4D02

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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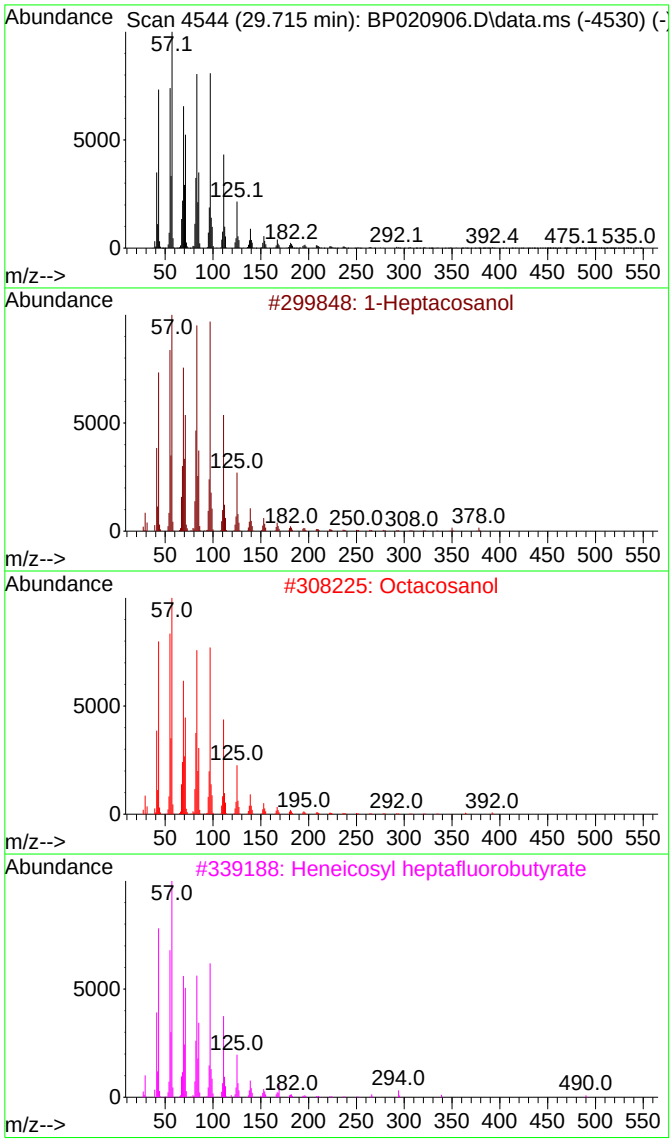
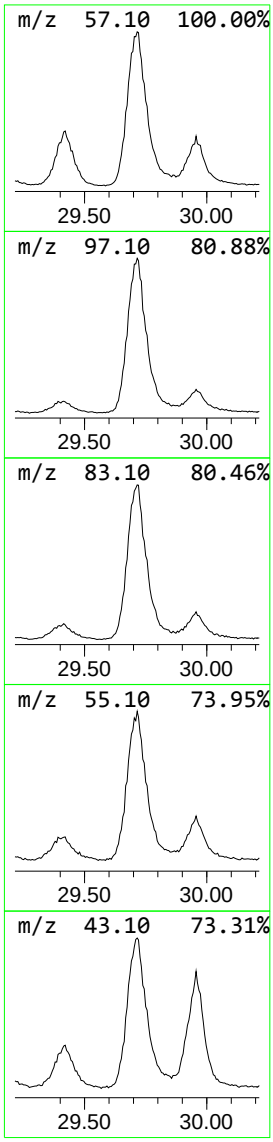
Peak Number 41 Octacosanol Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
29.715	76.43 ng/ul	11810300	Perylene-d12	24.968

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heptacosanol	396	C27H56O	002004-39-9	95
2	Octacosanol	410	C28H58O	000557-61-9	94
3	Heneicosyl heptafluorobutyrate	508	C25H43F7O2	1000351-83-8	94
4	1-Hexacosene	364	C26H52	018835-33-1	94
5	Heptacosyl acetate	438	C29H58O2	1000351-78-2	94





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Data File : BP020906.D
Acq On : 11 Jul 2024 16:40
Operator : MA/JU
Sample : P3088-14
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4D02

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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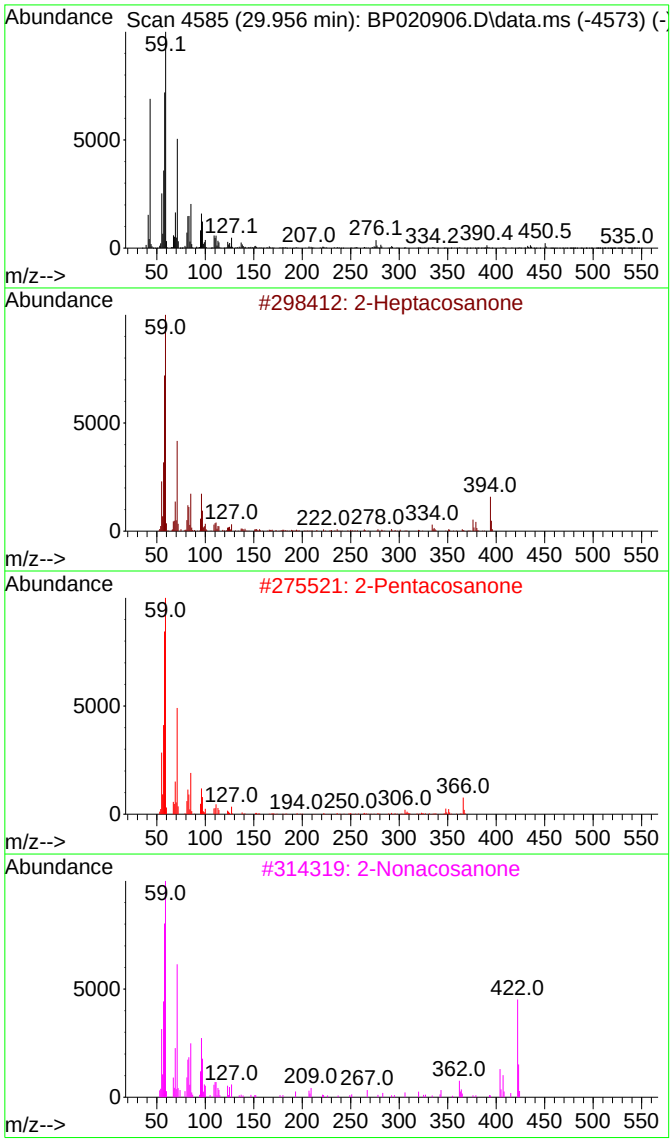
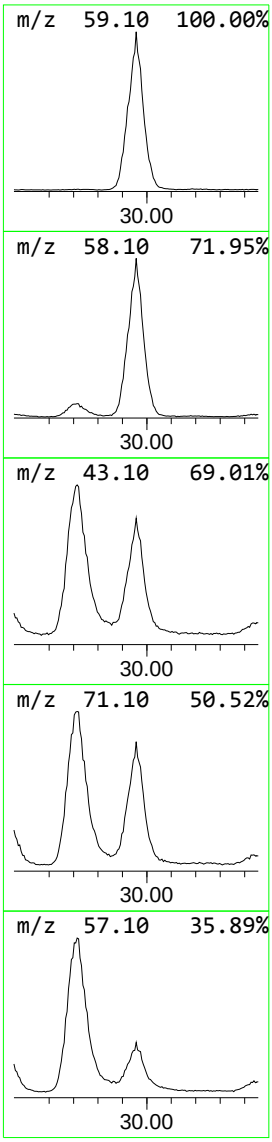
Peak Number 42 2-Pentacosanone Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
29.956	30.02 ng/ul	4639250	Perylene-d12	24.968

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Heptacosanone	394	C27H54O	007796-19-2	91
2	2-Pentacosanone	366	C25H50O	075207-54-4	90
3	2-Nonacosanone	422	C29H58O	017600-99-6	83
4	2-Nonadecanone	282	C19H38O	000629-66-3	76
5	2-Nonadecanone	282	C19H38O	000629-66-3	62





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Acq On : 11 Jul 2024 16:40
Operator : MA/JU
Sample : P3088-14
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4D02

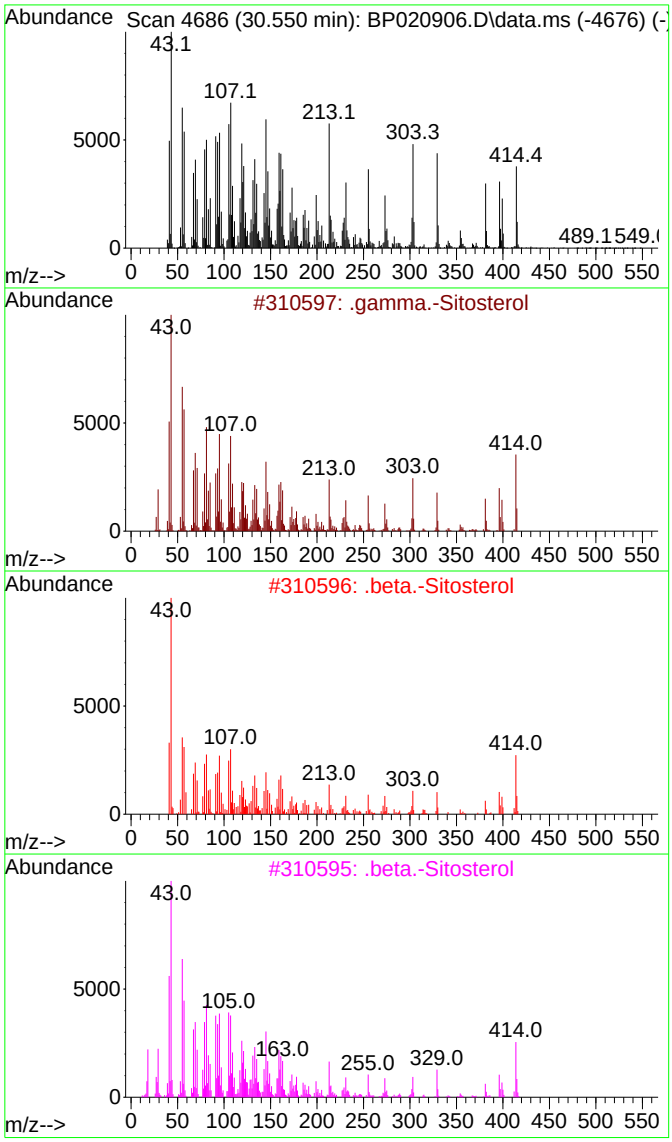
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION

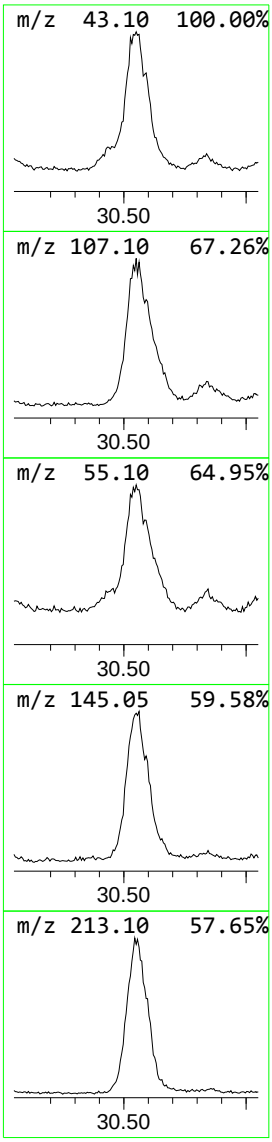
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 43 .gamma.-Sitosterol Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
30.550	34.69 ng/ul	5360750	Perylene-d12	24.968

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.gamma.-Sitosterol	414	C29H50O	000083-47-6	99
2	.beta.-Sitosterol	414	C29H50O	000083-46-5	91
3	.beta.-Sitosterol	414	C29H50O	000083-46-5	62
4	.gamma.-Sitosterol	414	C29H50O	000083-47-6	53
5	17-(1,5-Dimethylhexyl)-10,13-dim...	414	C29H50O	1000210-86-9	25





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Acq On : 11 Jul 2024 16:40
Operator : MA/JU
Sample : P3088-14
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4D02

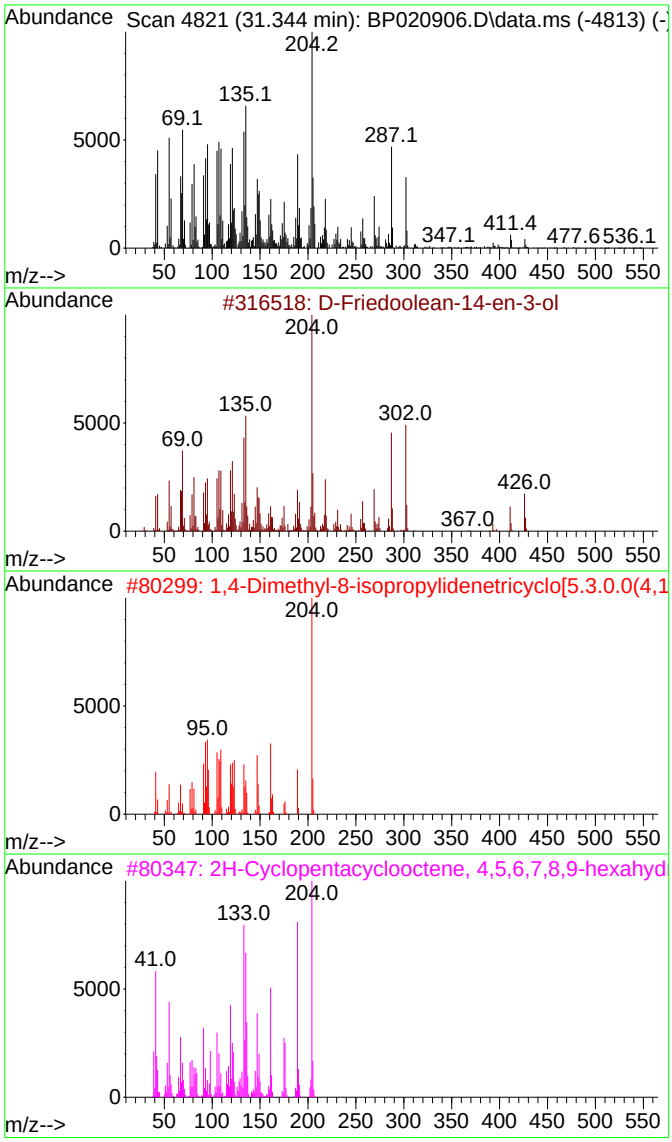
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION

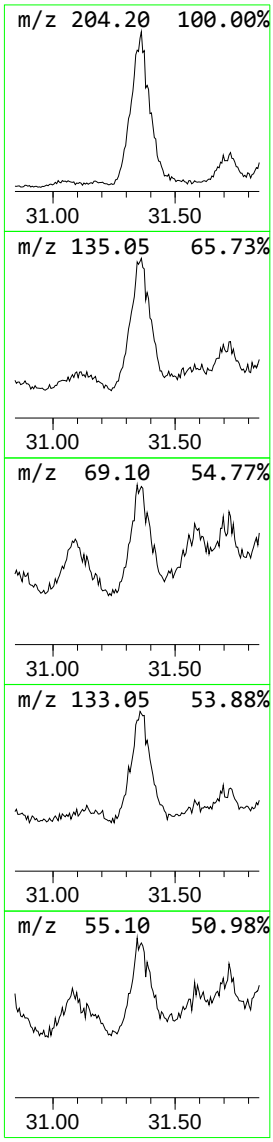
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 44 D-Friedoolean-14-en-3-ol Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
31.344	7.62 ng/ul	1177780	Perylene-d12	24.968

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	D-Friedoolean-14-en-3-ol	426	C30H50O	081654-73-1	83
2	1,4-Dimethyl-8-isopropylidenetri...	204	C15H24	1010140-07-7	58
3	2H-Cyclopentacyclooctene, 4,5,6,...	204	C15H24	1000221-85-8	50
4	1,1,4a-Trimethyl-5,6-dimethylene...	204	C15H24	1000193-60-8	50
5	2,5,5,8a-Tetramethyl-6,7,8,8a-te...	204	C14H20O	124957-09-1	46





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071124\
Data File : BP020906.D
Acq On : 11 Jul 2024 16:40
Operator : MA/JU
Sample : P3088-14
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4D02

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
unknown-01	14.569	4.8	ng/ul	562604	3	14.351	2326640	20.0
1,1'-Biphenyl, ...	17.792	5.1	ng/ul	683443	4	17.169	2691760	20.0
n-Hexadecanoic ...	18.110	22.4	ng/ul	3012060	4	17.169	2691760	20.0
1,1'-Biphenyl, ...	18.280	5.1	ng/ul	681029	4	17.169	2691760	20.0
1,1'-Biphenyl, ...	18.380	4.6	ng/ul	614676	4	17.169	2691760	20.0
Phenanthrene, 7...	18.563	5.7	ng/ul	772299	4	17.169	2691760	20.0
(DEL) Alkane: S...	19.063	2.3	ng/ul	311257	4	17.169	2691760	20.0
Octadecanoic acid	19.439	10.5	ng/ul	2206710	5	21.621	4220790	20.0
Trichloroacetic...	20.209	4.0	ng/ul	852006	5	21.621	4220790	20.0
Acridin-9-amine...	20.480	29.8	ng/ul	6280270	5	21.621	4220790	20.0
2-Pentenoic aci...	20.704	19.6	ng/ul	4139250	5	21.621	4220790	20.0
Isopimaric acid	21.098	9.7	ng/ul	2048990	5	21.621	4220790	20.0
Ethyl 3-hydroxy...	21.145	6.3	ng/ul	1323630	5	21.621	4220790	20.0
Dehydroabietic ...	21.245	6.9	ng/ul	1456860	5	21.621	4220790	20.0
(DEL) Alkane: S...	21.286	48.0	ng/ul	10141400	5	21.621	4220790	20.0
Cryptostrobin	21.880	8.5	ng/ul	1793380	5	21.621	4220790	20.0
1,19-Eicosadiene	22.104	13.7	ng/ul	2891910	5	21.621	4220790	20.0
1-Heptacosanol	22.533	112.1	ng/ul	23647500	5	21.621	4220790	20.0
Tetracosanoic acid	23.015	8.3	ng/ul	1750380	5	21.621	4220790	20.0
(DEL) Alkane: S...	23.221	6.8	ng/ul	1438330	5	21.621	4220790	20.0
1-Heneicosanol	23.292	7.8	ng/ul	1643900	5	21.621	4220790	20.0
Hexacosanal	23.592	59.5	ng/ul	9185780	6	24.968	3090490	20.0
(DEL) Alkane: S...	24.092	121.0	ng/ul	18702300	6	24.968	3090490	20.0
(DEL) Alkane: C...	24.168	62.5	ng/ul	9662930	6	24.968	3090490	20.0
Naphthalene, 1-...	24.292	8.6	ng/ul	1328010	6	24.968	3090490	20.0
Octadecanal	24.521	9.6	ng/ul	1476460	6	24.968	3090490	20.0
Nonacosanal	25.633	94.6	ng/ul	14616400	6	24.968	3090490	20.0
(DEL) Alkane: S...	26.274	86.6	ng/ul	13388400	6	24.968	3090490	20.0
n-Tetracosanol-1	26.433	60.2	ng/ul	9296940	6	24.968	3090490	20.0
2-Nonacosanone	26.597	7.9	ng/ul	1214200	6	24.968	3090490	20.0
Oxirane, hexade...	26.956	19.7	ng/ul	3040390	6	24.968	3090490	20.0
Pentacosanal	28.533	43.1	ng/ul	6666890	6	24.968	3090490	20.0
Octacosanol	29.715	76.4	ng/ul	11810300	6	24.968	3090490	20.0
2-Pentacosanone	29.956	30.0	ng/ul	4639250	6	24.968	3090490	20.0
.gamma.-Sitosterol	30.550	34.7	ng/ul	5360750	6	24.968	3090490	20.0
D-Friedoolean-1...	31.344	7.6	ng/ul	1177780	6	24.968	3090490	20.0