LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP010224\
Data File : BP019228.D
Acq On : 03 Jan 2024 02:33
Operator : MA/JU
Sample : 05919-09
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : GCF41

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-BP122723.MA.M
Title : SVOA CALIBRATION

Signal : TIC: BP019228.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.234	21	25	32	rVB	50595	65935	1.29%	0.093%
2	3.522	70	74	88	rVB	141502	212564	4.16%	0.301%
3	3.658	93	97	109	rBV	562543	812208	15.89%	1.151%
4	3.975	148	151	155	rVB	14829	18159	0.36%	0.026%
5	4.899	305	308	316	rVB3	7355	13931	0.27%	0.020%
6	5.146	343	350	363	rBV	25889	46705	0.91%	0.066%
7	6.310	543	548	554	rBV3	10993	18416	0.36%	0.026%
8	6.475	570	576	581	rVB	18473	30773	0.60%	0.044%
9	6.987	654	663	675	rVB	779015	1245738	24.37%	1.766%
10	7.099	677	682	683	rVV	16113	19604	0.38%	0.028%
11	7.140	683	689	700	rVB	605465	923378	18.06%	1.309%
12	7.334	714	722	731	rBV	779345	1207098	23.61%	1.711%
13	7.422	731	737	747	rVV	20053	43252	0.85%	0.061%
14	7.799	791	801	810	rBV	670552	1031862	20.19%	1.462%
15	8.016	834	838	843	rBV8	7882	14667	0.29%	0.021%
16	8.304	882	887	894	rVB5	10020	17929	0.35%	0.025%
17	8.528	918	925	934	rBV	899101	1467329	28.71%	2.080%
18	8.963	992	999	1007	rBV	702675	1118389	21.88%	1.585%
19	9.363	1062	1067	1073	rVV6	12026	22846	0.45%	0.032%
20	9.540	1091	1097	1104	rVB4	31273	56501	1.11%	0.080%
21	9.687	1113	1122	1130	rBV	587017	971803	19.01%	1.377%
22	10.228	1207	1214	1224	rVV	962324	1602336	31.35%	2.271%
23	10.598	1268	1277	1285	rVB	823067	1389283	27.18%	1.969%
24	10.745	1295	1302	1322	rBV	572771	1027899	20.11%	1.457%
25	11.151	1365	1371	1376	rBV8	10001	18394	0.36%	0.026%
26	11.351	1399	1405	1412	rBV	87623	160220	3.13%	0.227%
27	11.634	1448	1453	1459	rVB6	8931	15808	0.31%	0.022%
28	12.187	1538	1547	1553	rBV2	18580	41566	0.81%	0.059%
29	12.263	1553	1560	1563	rBV3	12265	23286	0.46%	0.033%
30	12.734	1635	1640	1646	rBV5	12132	21320	0.42%	0.030%
31	12.939	1669	1675	1681	rBV5	21902	38938	0.76%	0.055%
32	13.175	1710	1715	1719	rBV7	9752	23814	0.47%	0.034%
33	13.222	1719	1723	1727	rVV2	41866	60997	1.19%	0.086%
34	13.269	1727	1731	1734	rVV4	10536	16345	0.32%	0.023%
35	13.316	1735	1739	1741	rVV5	19388	28766	0.56%	0.041%
36	13.345	1741	1744	1748	rVV2	28516	38057	0.74%	0.054%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP010224\
Data File : BP019228.D
Acq On : 03 Jan 2024 02:33
Operator : MA/JU
Sample : 05919-09
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : GCF41

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-BP122723.MA.M
Title : SVOA CALIBRATION

37	13.445	1755	1761	1766	rVB	83598	118344	2.32%	0.168%
38	13.581	1778	1784	1788	rBV4	63342	113142	2.21%	0.160%
39	13.616	1788	1790	1797	rVB4	34372	57394	1.12%	0.081%
40	13.704	1799	1805	1810	rBV	722707	1085844	21.24%	1.539%
41	13.751	1810	1813	1822	rVB2	107608	168661	3.30%	0.239%
42	13.863	1824	1832	1839	rBV	1599592	2226461	43.56%	3.156%
43	13.957	1844	1848	1855	rVB	134029	200090	3.91%	0.284%
44	14.092	1867	1871	1872	rBV4	17744	18566	0.36%	0.026%
45	14.134	1872	1878	1889	rVV	1887137	2855299	55.86%	4.047%
46	14.222	1889	1893	1894	rVV4	11634	15176	0.30%	0.022%
47	14.257	1895	1899	1903	rVV	134958	204464	4.00%	0.290%
48	14.334	1907	1912	1918	rVB2	300688	426017	8.33%	0.604%
49	14.445	1924	1931	1937	rBV	1270557	1929632	37.75%	2.735%
50	14.504	1937	1941	1948	rVB3	57299	84114	1.65%	0.119%
51	14.592	1951	1956	1960	rVB2	50575	67709	1.32%	0.096%
52	14.681	1960	1971	1983	rBV2	624321	1300239	25.44%	1.843%
53	14.810	1989	1993	2000	rVV3	36063	61454	1.20%	0.087%
54	14.869	2000	2003	2006	rVV2	36475	53977	1.06%	0.077%
55	14.928	2010	2013	2017	rVB2	46615	58923	1.15%	0.084%
56	14.998	2022	2025	2029	rVB4	22135	27005	0.53%	0.038%
57	15.292	2069	2075	2079	rBV5	15909	28433	0.56%	0.040%
58	15.439	2093	2100	2113	rVB	2546054	3547509	69.40%	5.028%
59	15.569	2114	2122	2127	rBV2	550793	810568	15.86%	1.149%
60	15.675	2136	2140	2144	rBV7	33638	52442	1.03%	0.074%
61	15.728	2144	2149	2156	rVB	207327	295443	5.78%	0.419%
62	15.904	2175	2179	2180	rBV4	16346	21552	0.42%	0.031%
63	15.933	2180	2184	2188	rVB2	43647	65364	1.28%	0.093%
64	16.069	2203	2207	2209	rBV3	24349	33181	0.65%	0.047%
65	16.163	2219	2223	2231	rBV3	29665	63661	1.25%	0.090%
66	16.386	2258	2261	2270	rVB4	28987	65634	1.28%	0.093%
67	16.604	2294	2298	2305	rBV2	70801	117446	2.30%	0.166%
68	16.704	2312	2315	2320	rBV	39894	45404	0.89%	0.064%
69	16.851	2335	2340	2349	rBV	201832	327370	6.40%	0.464%
70	16.951	2354	2357	2361	rVB3	29751	41608	0.81%	0.059%
71	17.104	2379	2383	2390	rVB4	50719	81147	1.59%	0.115%
72	17.198	2390	2399	2404	rBV	1649671	2408910	47.12%	3.414%
73	17.245	2404	2407	2410	rVV	81725	101963	1.99%	0.145%
74	17.298	2410	2416	2426	rVB2	2623201	3703361	72.45%	5.249%
75	17.569	2459	2462	2463	rBV2	23567	24304	0.48%	0.034%
76	17.592	2463	2466	2471	rVB3	81453	105927	2.07%	0.150%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP010224\
Data File : BP019228.D
Acq On : 03 Jan 2024 02:33
Operator : MA/JU
Sample : 05919-09
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
GCF41

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-BP122723.MA.M
Title : SVOA CALIBRATION

77	17.698	2482	2484	2487	rVB	20588	18101	0.35%	0.026%
78	17.980	2528	2532	2537	rBV2	66851	102353	2.00%	0.145%
79	18.039	2538	2542	2547	rBV	310634	444717	8.70%	0.630%
80	18.098	2547	2552	2566	rVB	1231583	1705900	33.37%	2.418%
81	18.380	2596	2600	2603	rBV4	63432	110574	2.16%	0.157%
82	18.992	2701	2704	2706	rBV2	38455	48684	0.95%	0.069%
83	19.022	2706	2709	2713	rVB	232515	280311	5.48%	0.397%
84	19.192	2732	2738	2740	rBV3	127152	216876	4.24%	0.307%
85	19.222	2740	2743	2745	rBV	143399	179178	3.51%	0.254%
86	19.333	2759	2762	2771	rVV	237880	313863	6.14%	0.445%
87	19.410	2772	2775	2780	rVB3	95826	115128	2.25%	0.163%
88	19.545	2792	2798	2804	rBV	3580906	4696151	91.87%	6.656%
89	20.045	2880	2883	2886	rBV5	108627	150649	2.95%	0.214%
90	20.239	2911	2916	2923	rBV2	496420	802404	15.70%	1.137%
91	20.404	2939	2944	2948	rBV	3662553	4656806	91.10%	6.600%
92	20.445	2948	2951	2961	rVB2	1370456	2031753	39.75%	2.880%
93	21.016	3044	3048	3054	rBV	810360	1082936	21.19%	1.535%
94	21.304	3092	3097	3108	rBV	2303249	2993152	58.55%	4.242%
95	21.921	3199	3202	3213	rVB2	695346	1214119	23.75%	1.721%
96	22.939	3371	3375	3380	rVB	518584	753117	14.73%	1.067%
97	23.515	3467	3473	3488	rVB2	2542624	5111752	100.00%	7.245%
98	23.668	3493	3499	3509	rVB	1456587	2915401	57.03%	4.132%
99	24.268	3596	3601	3609	rVB	1165601	2349092	45.95%	3.329%
100	24.368	3613	3618	3632	rVB2	570122	1383666	27.07%	1.961%

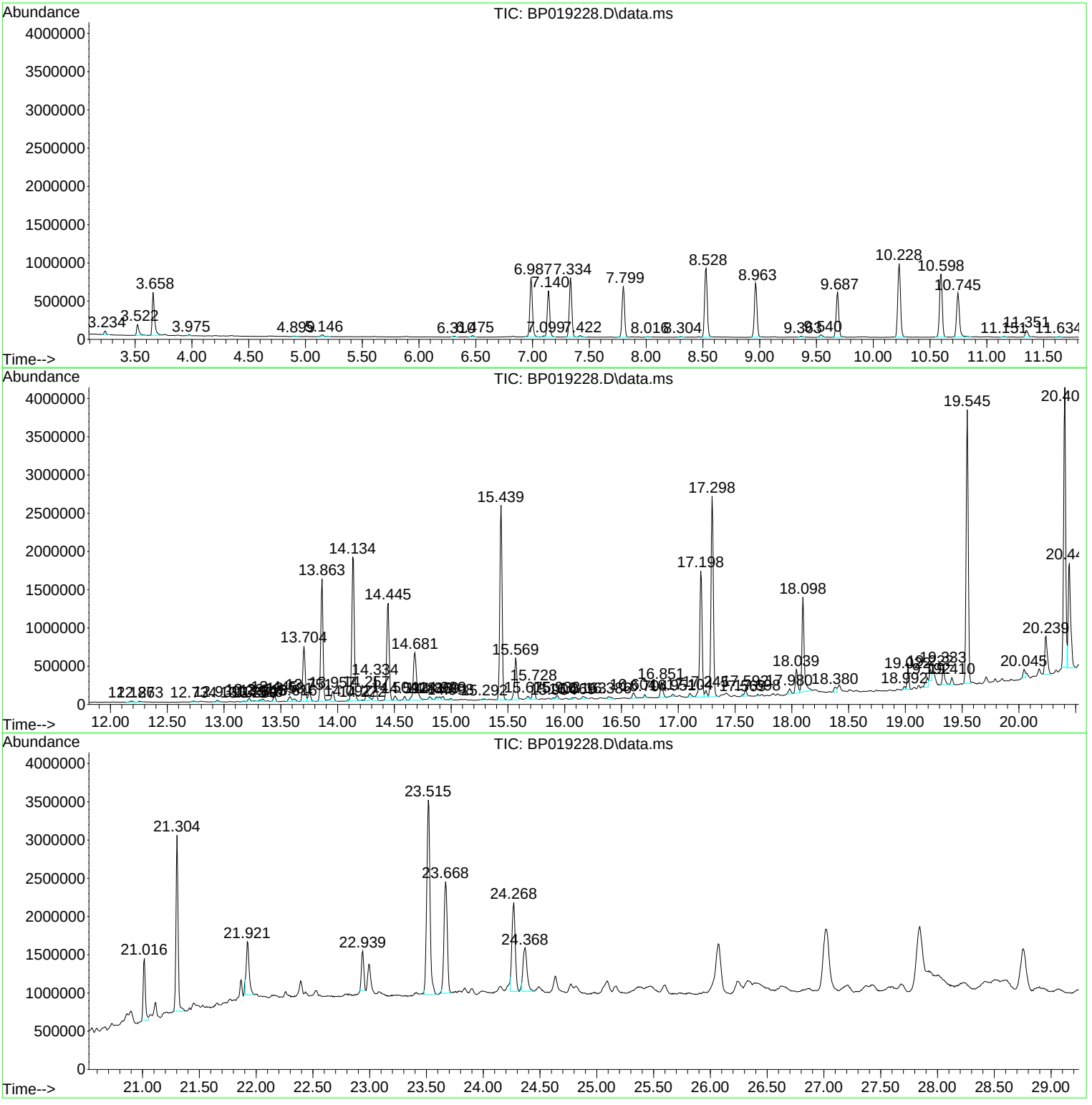
Sum of corrected areas: 70556537

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP010224\
Data File : BP019228.D
Acq On : 03 Jan 2024 02:33
Operator : MA/JU
Sample : 05919-09
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
GCF41

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP122723.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\BP010224\
Data File : BP019228.D
Acq On : 03 Jan 2024 02:33
Operator : MA/JU
Sample : 05919-09
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
GCF41

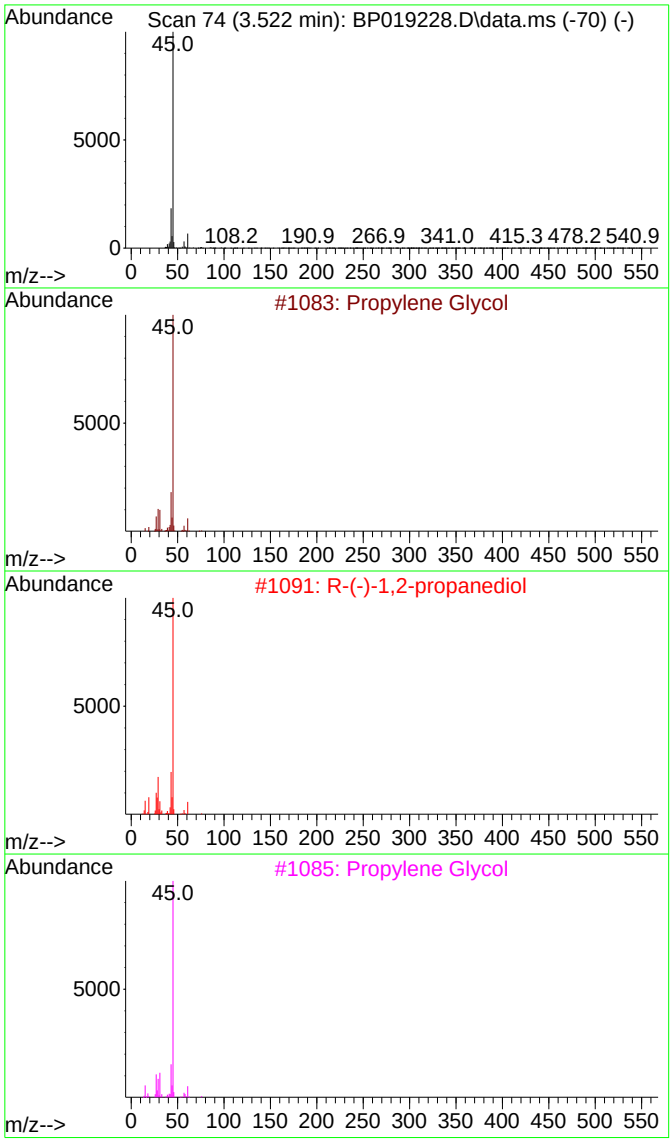
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP122723.MA.M
Quant Title : SVOA CALIBRATION

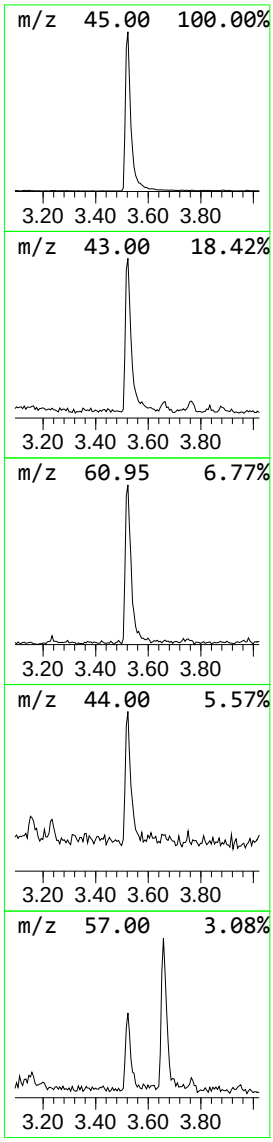
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Propylene Glycol Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.522	4.12 ng/ul	212564	1,4-Dichlorobenzene-d4	7.799

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propylene Glycol	76	C3H8O2	000057-55-6	86
2	R-(-)-1,2-propanediol	76	C3H8O2	004254-14-2	72
3	Propylene Glycol	76	C3H8O2	000057-55-6	56
4	Propanoic acid, 2-hydroxy-, meth...	104	C4H8O3	000547-64-8	40
5	(S)-(+)-1,2-Propanediol	76	C3H8O2	004254-15-3	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP010224\
Data File : BP019228.D
Acq On : 03 Jan 2024 02:33
Operator : MA/JU
Sample : 05919-09
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
GCF41

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP122723.MA.M
Quant Title : SVOA CALIBRATION

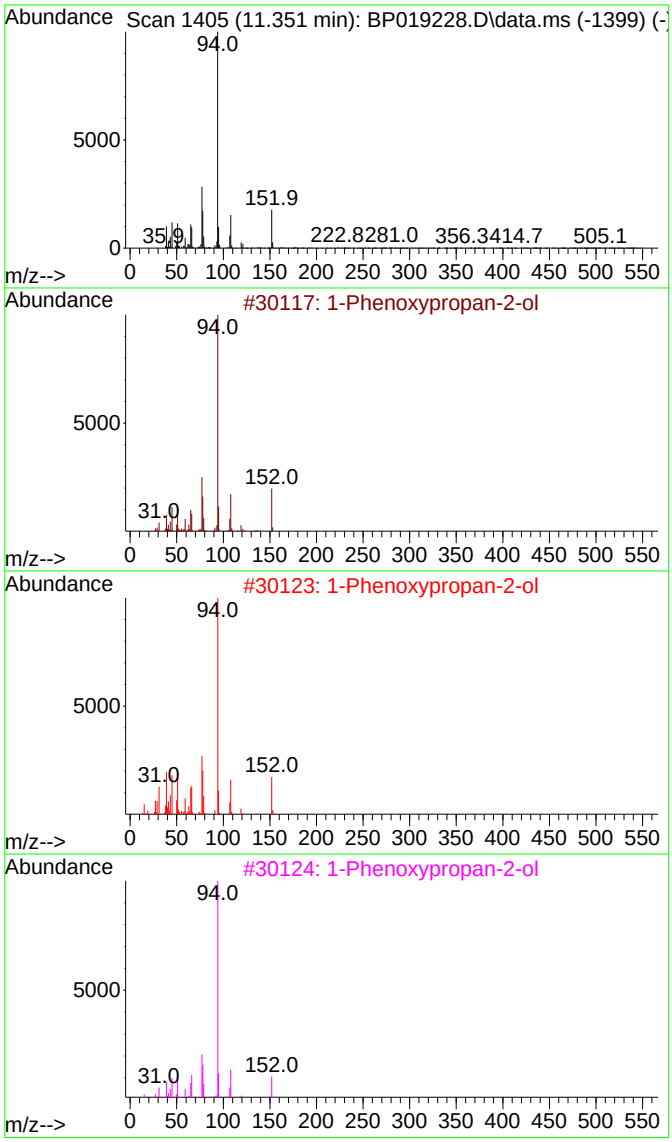
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

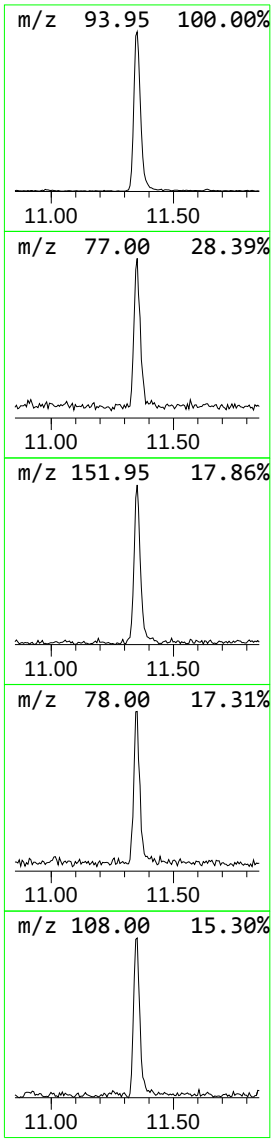
****

Peak Number 2 1-Phenoxypropan-2-ol Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.351	2.31 ng/ul	160220	Naphthalene-d8	10.598

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Phenoxypropan-2-ol	152	C9H12O2	000770-35-4	96
2	1-Phenoxypropan-2-ol	152	C9H12O2	000770-35-4	95
3	1-Phenoxypropan-2-ol	152	C9H12O2	000770-35-4	93
4	1-Propanol, 3-phenoxy-	152	C9H12O2	006180-61-6	83
5	1-Phenoxypropan-2-ol	152	C9H12O2	000770-35-4	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP010224\
Data File : BP019228.D
Acq On : 03 Jan 2024 02:33
Operator : MA/JU
Sample : 05919-09
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
GCF41

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP122723.MA.M
Quant Title : SVOA CALIBRATION

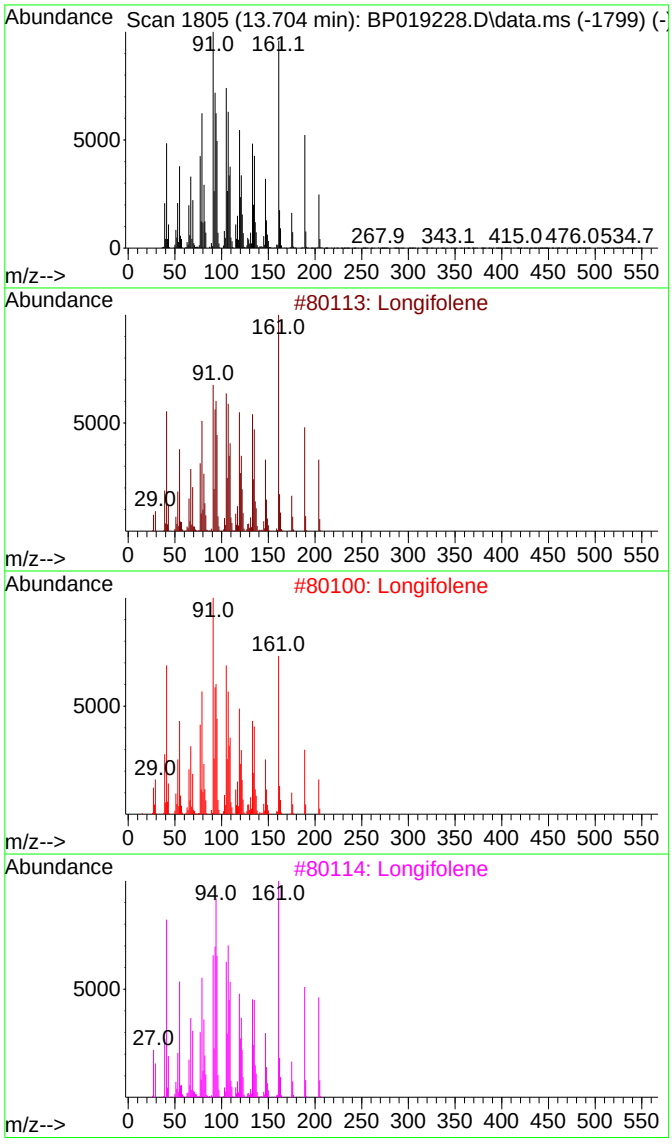
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

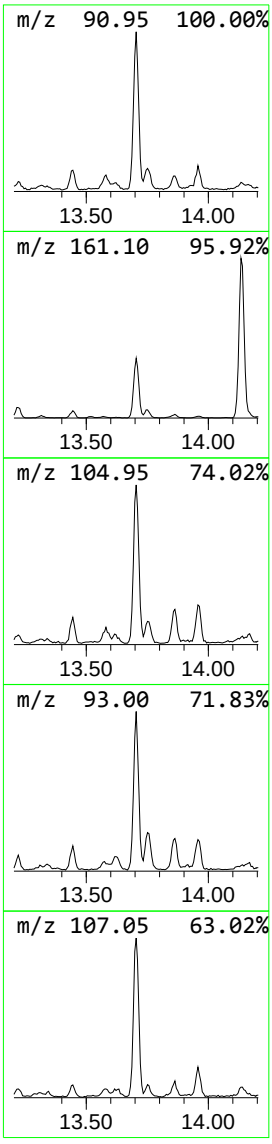
****

Peak Number 3 Longifolene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.704	11.25 ng/ul	1085840	Acenaphthene-d10	14.445

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Longifolene	204	C15H24	000475-20-7	99
2	Longifolene	204	C15H24	000475-20-7	99
3	Longifolene	204	C15H24	000475-20-7	99
4	Longifolene	204	C15H24	000475-20-7	98
5	(3R,4aS,5R)-4a,5-Dimethyl-3-(pro...	204	C15H24	024741-64-8	97





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP010224\
Data File : BP019228.D
Acq On : 03 Jan 2024 02:33
Operator : MA/JU
Sample : 05919-09
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
GCF41

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP122723.MA.M
Quant Title : SVOA CALIBRATION

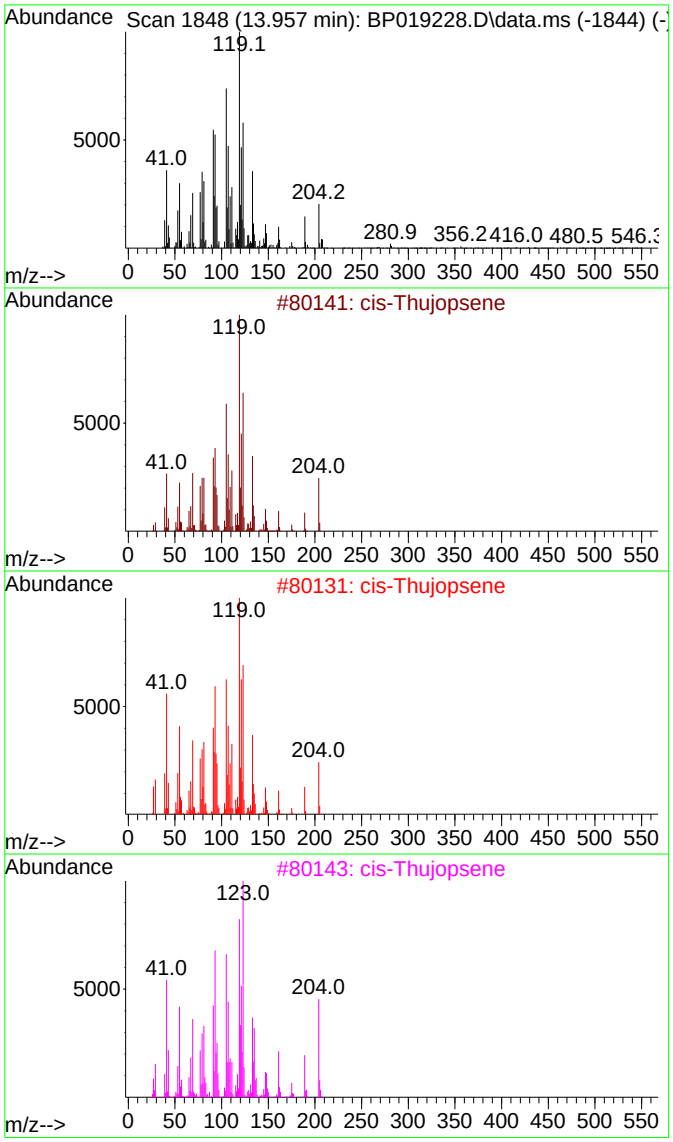
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

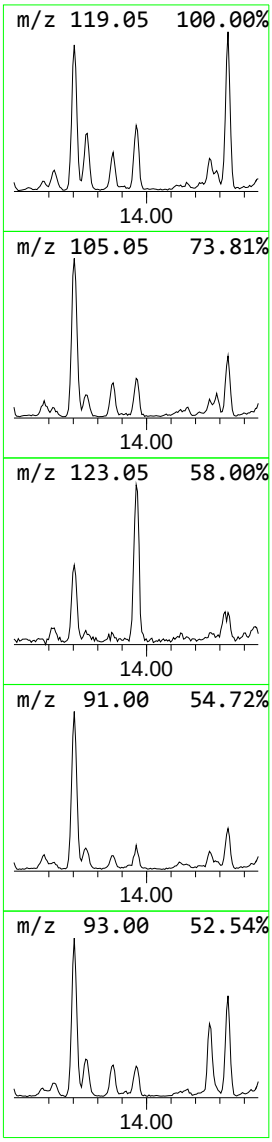
****

Peak Number 4 cis-Thujopsene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.957	2.07 ng/ul	200090	Acenaphthene-d10	14.445

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	cis-Thujopsene	204	C15H24	000470-40-6	99
2	cis-Thujopsene	204	C15H24	000470-40-6	98
3	cis-Thujopsene	204	C15H24	000470-40-6	91
4	cis-Thujopsene	204	C15H24	000470-40-6	90
5	Tricyclo[5.4.0.0(2,8)]undec-9-en...	204	C15H24	005989-08-2	83





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP010224\
Data File : BP019228.D
Acq On : 03 Jan 2024 02:33
Operator : MA/JU
Sample : 05919-09
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
GCF41

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP122723.MA.M
Quant Title : SVOA CALIBRATION

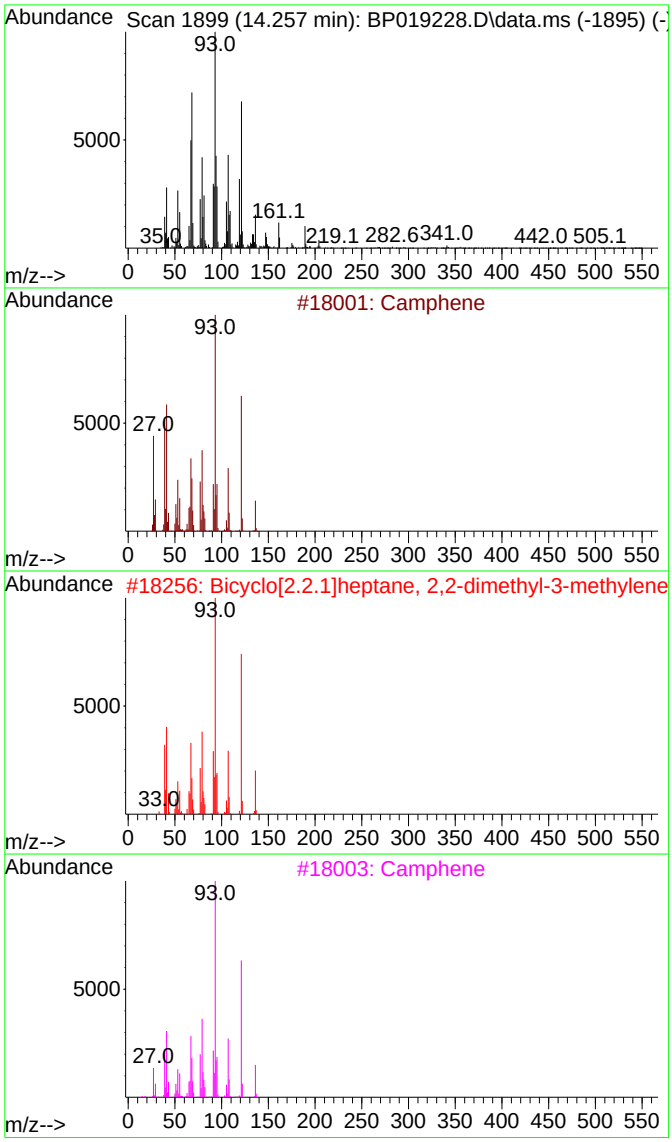
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

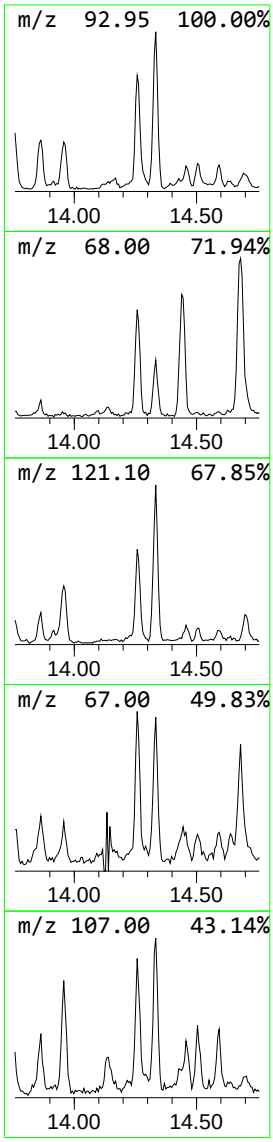
****

Peak Number 5 Camphene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.257	2.12 ng/ul	204464	Acenaphthene-d10	14.445

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Camphene	136	C10H16	000079-92-5	89
2	Bicyclo[2.2.1]heptane, 2,2-dimet...	136	C10H16	005794-04-7	53
3	Camphene	136	C10H16	000079-92-5	49
4	Camphene	136	C10H16	000079-92-5	49
5	Cyclohexene, 5-methyl-3-(1-methy...	136	C10H16	056816-08-1	46





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP010224\
Data File : BP019228.D
Acq On : 03 Jan 2024 02:33
Operator : MA/JU
Sample : 05919-09
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
GCF41

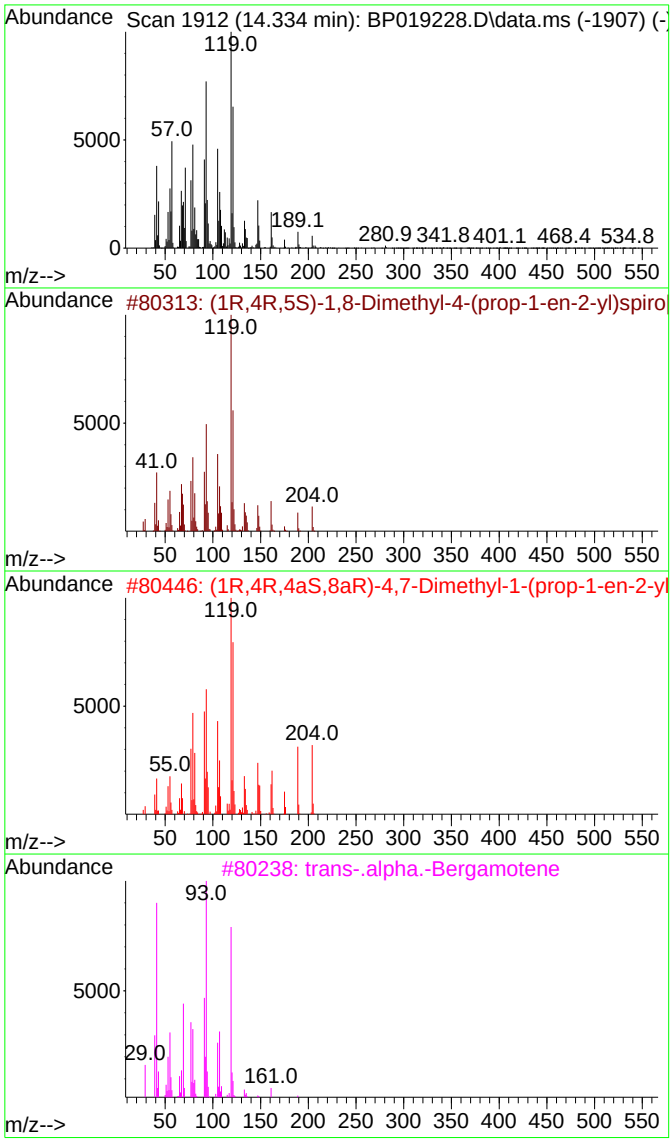
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP122723.MA.M
Quant Title : SVOA CALIBRATION

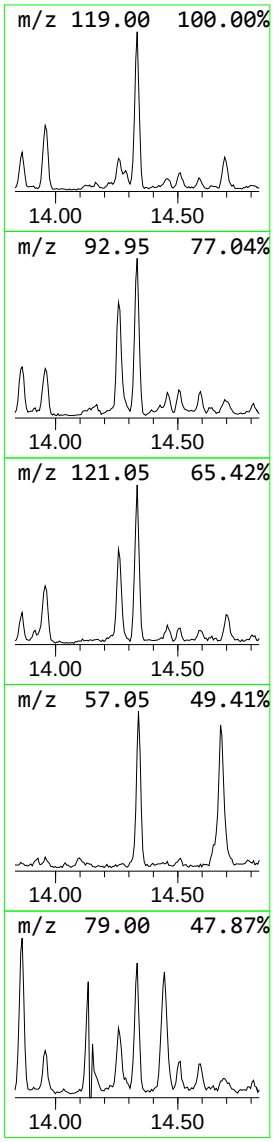
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 (1R,4R,5S)-1,8-Dimethyl-4-(... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.334	4.42 ng/ul	426017	Acenaphthene-d10	14.445

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(1R,4R,5S)-1,8-Dimethyl-4-(prop-...	204	C15H24	729602-94-2	94
2	(1R,4R,4aS,8aR)-4,7-Dimethyl-1-(...	204	C15H24	092692-39-2	93
3	trans-.alpha.-Bergamotene	204	C15H24	013474-59-4	64
4	cis-.alpha.-Bergamotene	204	C15H24	018252-46-5	64
5	(1R,3aS,4aS,8aS)-1,4,4,6-Tetrame...	204	C15H24	094535-52-1	58





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP010224\
Data File : BP019228.D
Acq On : 03 Jan 2024 02:33
Operator : MA/JU
Sample : 05919-09
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
GCF41

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP122723.MA.M
Quant Title : SVOA CALIBRATION

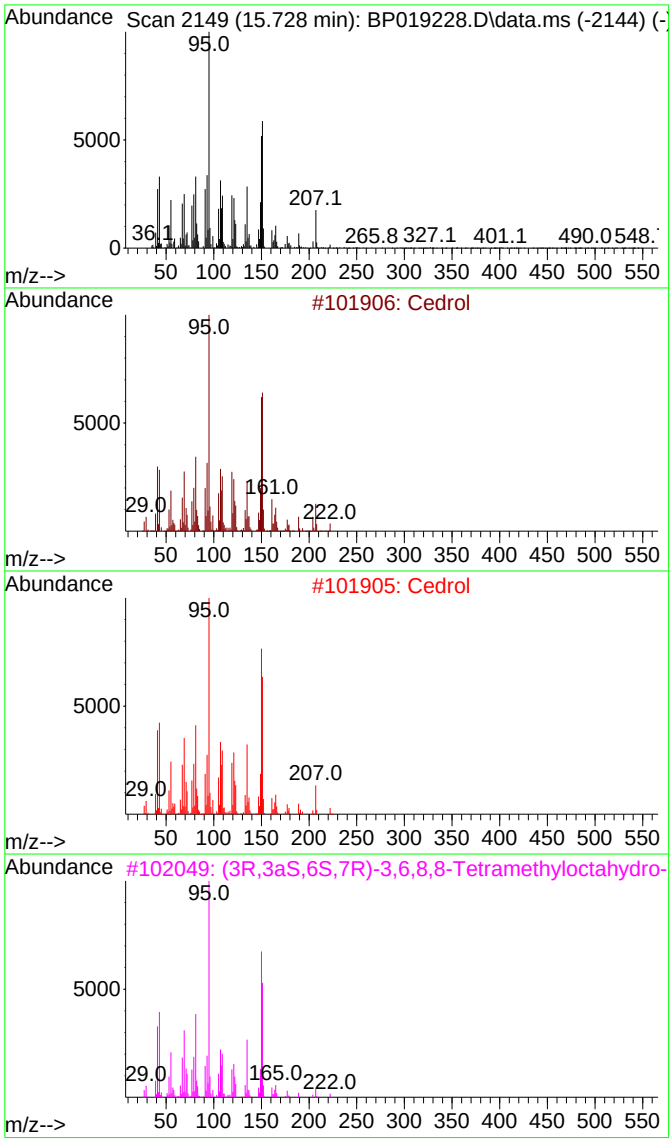
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

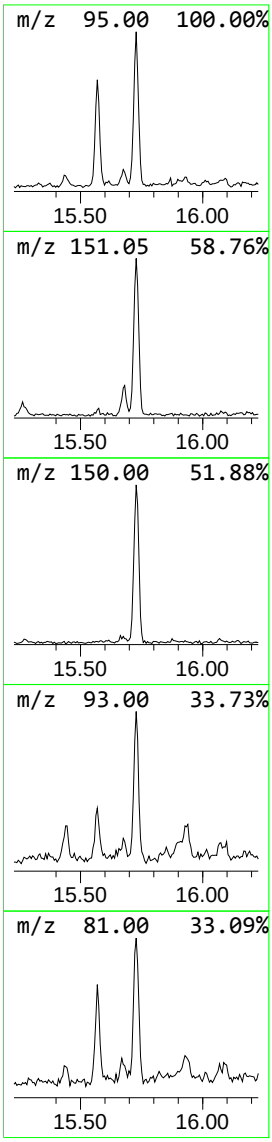
****

Peak Number 7 Cedrol Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.728	3.06 ng/ul	295443	Acenaphthene-d10	14.445

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cedrol	222	C15H26O	000077-53-2	91
2	Cedrol	222	C15H26O	000077-53-2	91
3	(3R,3aS,6S,7R)-3,6,8,8-Tetrameth...	222	C15H26O	019903-73-2	89
4	Cedrol	222	C15H26O	000077-53-2	86
5	(3R,3aS,6S,7R)-3,6,8,8-Tetrameth...	222	C15H26O	019903-73-2	83





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP010224\
Data File : BP019228.D
Acq On : 03 Jan 2024 02:33
Operator : MA/JU
Sample : 05919-09
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
GCF41

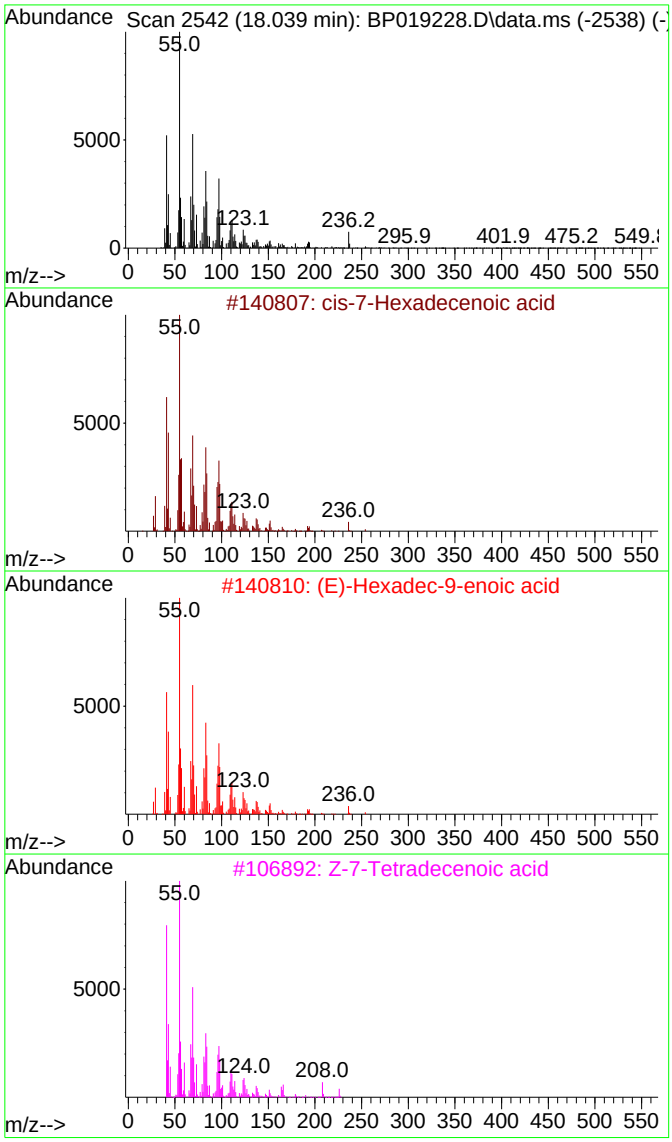
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP122723.MA.M
Quant Title : SVOA CALIBRATION

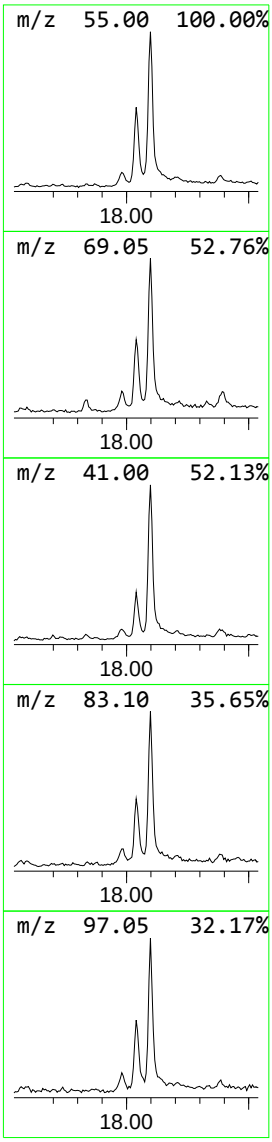
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 cis-7-Hexadecenoic acid Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.039	3.69 ng/ul	444717	Phenanthrene-d10	17.198

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	cis-7-Hexadecenoic acid	254	C16H30O2	002416-19-5	99
2	(E)-Hexadec-9-enoic acid	254	C16H30O2	010030-73-6	99
3	Z-7-Tetradecenoic acid	226	C14H26O2	1000130-98-4	91
4	cis-13-Octadecenoic acid	282	C18H34O2	013126-39-1	91
5	cis-Vaccenic acid	282	C18H34O2	000506-17-2	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP010224\
Data File : BP019228.D
Acq On : 03 Jan 2024 02:33
Operator : MA/JU
Sample : 05919-09
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
GCF41

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP122723.MA.M
Quant Title : SVOA CALIBRATION

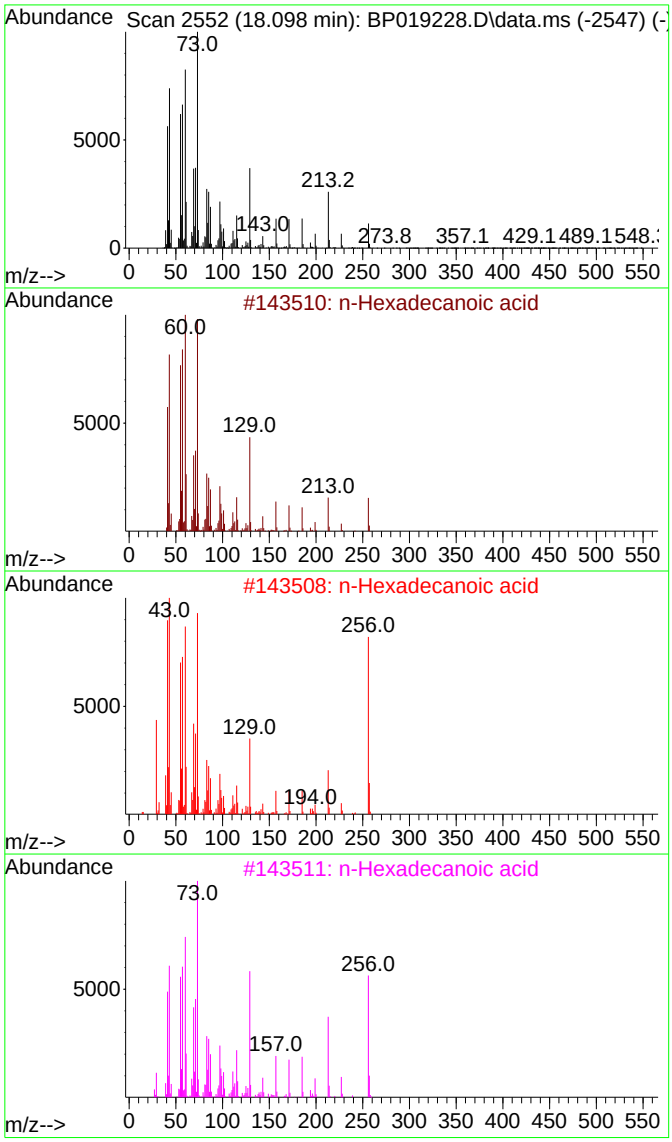
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

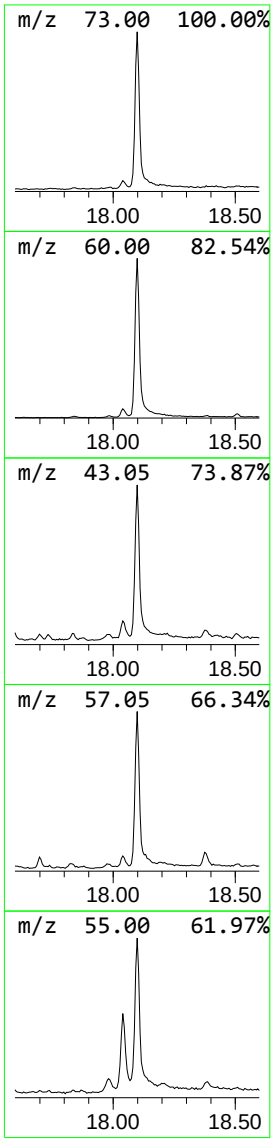
****

Peak Number 9 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.098	14.16 ng/ul	1705900	Phenanthrene-d10	17.198

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\BP010224\
Data File : BP019228.D
Acq On : 03 Jan 2024 02:33
Operator : MA/JU
Sample : 05919-09
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
GCF41

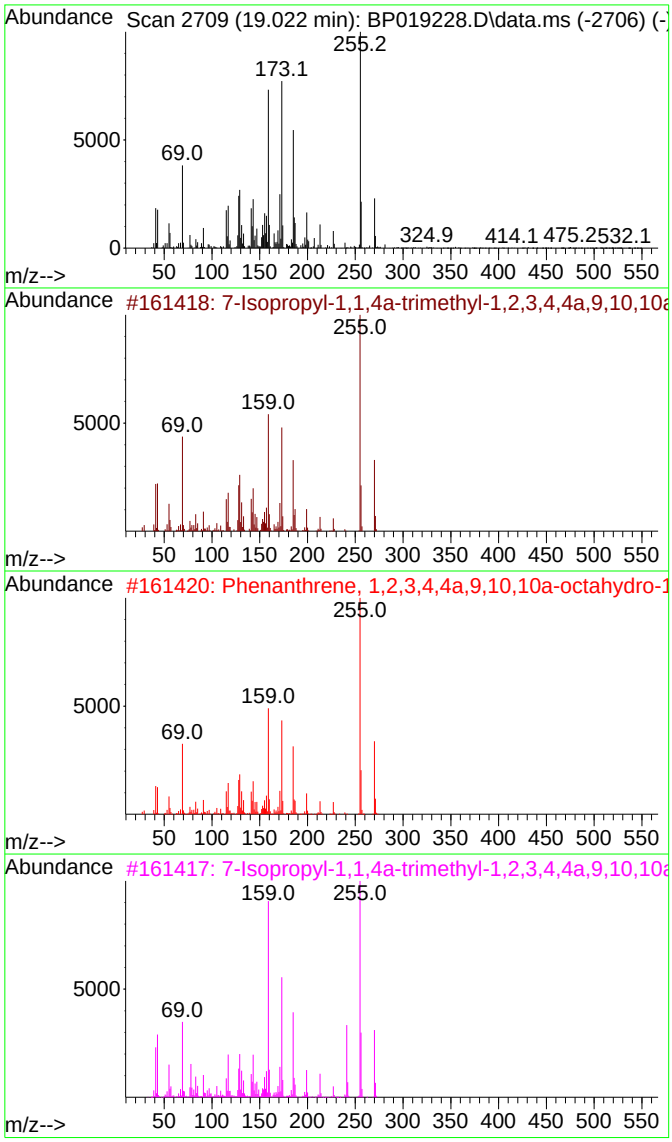
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP122723.MA.M
Quant Title : SVOA CALIBRATION

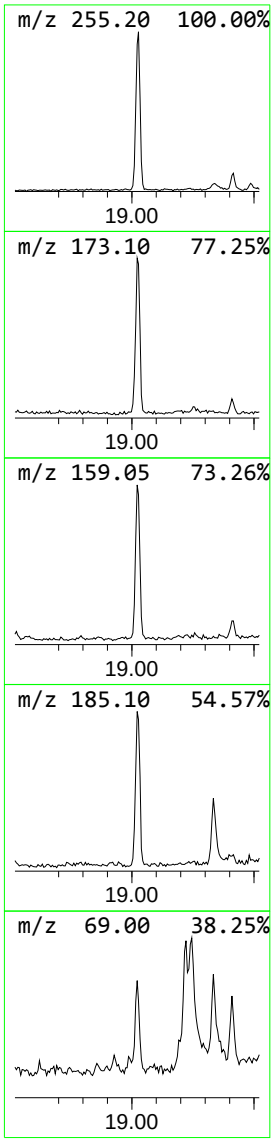
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 7-Isopropyl-1,1,4a-trimethy... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.022	2.33 ng/ul	280311	Phenanthrene-d10	17.198

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7-Isopropyl-1,1,4a-trimethyl-1,2...	270	C20H30	109680-01-5	99
2	Phenanthrene, 1,2,3,4,4a,9,10,10...	270	C20H30	019407-28-4	98
3	7-Isopropyl-1,1,4a-trimethyl-1,2...	270	C20H30	109680-01-5	90
4	S-Indacene-1,7-dione, 2,3,5,6-te...	270	C18H22O2	055591-16-7	25
5	1-Phenanthrenecarboxaldehyde, 1,...	284	C20H28O	024035-50-5	25





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP010224\
Data File : BP019228.D
Acq On : 03 Jan 2024 02:33
Operator : MA/JU
Sample : 05919-09
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
GCF41

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP122723.MA.M
Quant Title : SVOA CALIBRATION

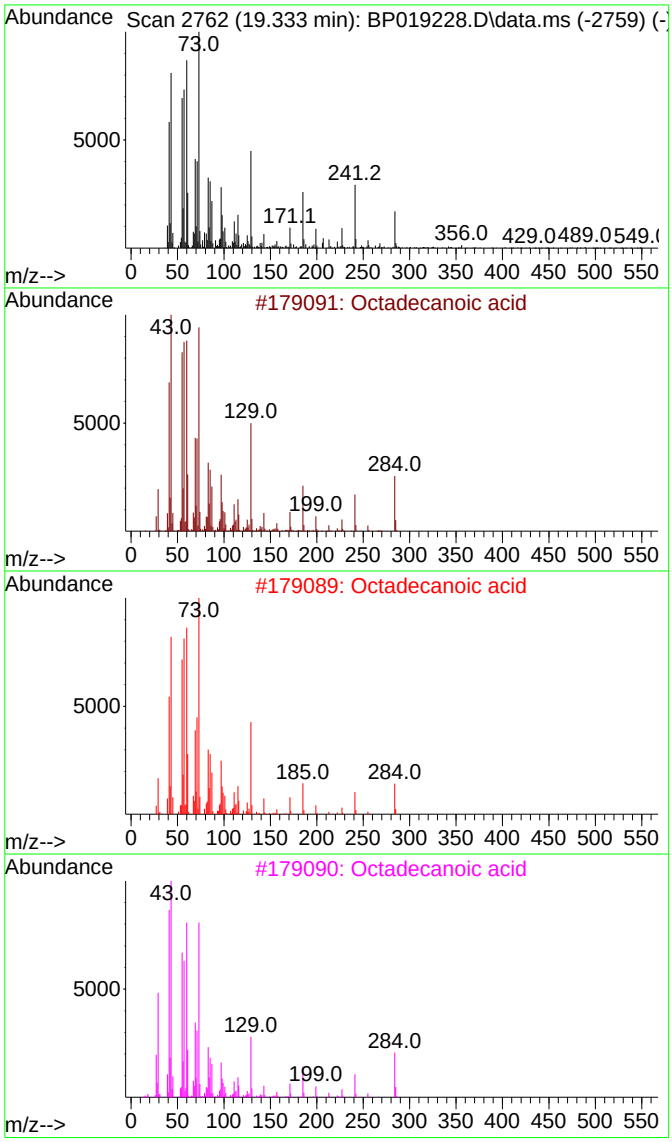
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

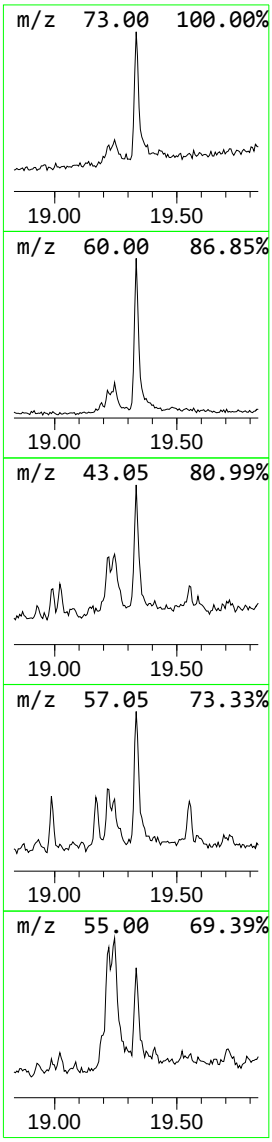
****

Peak Number 11 Octadecanoic acid Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.333	2.10 ng/ul	313863	Chrysene-d12	21.304

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	97
3	Octadecanoic acid	284	C18H36O2	000057-11-4	94
4	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	93
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP010224\
Data File : BP019228.D
Acq On : 03 Jan 2024 02:33
Operator : MA/JU
Sample : 05919-09
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
GCF41

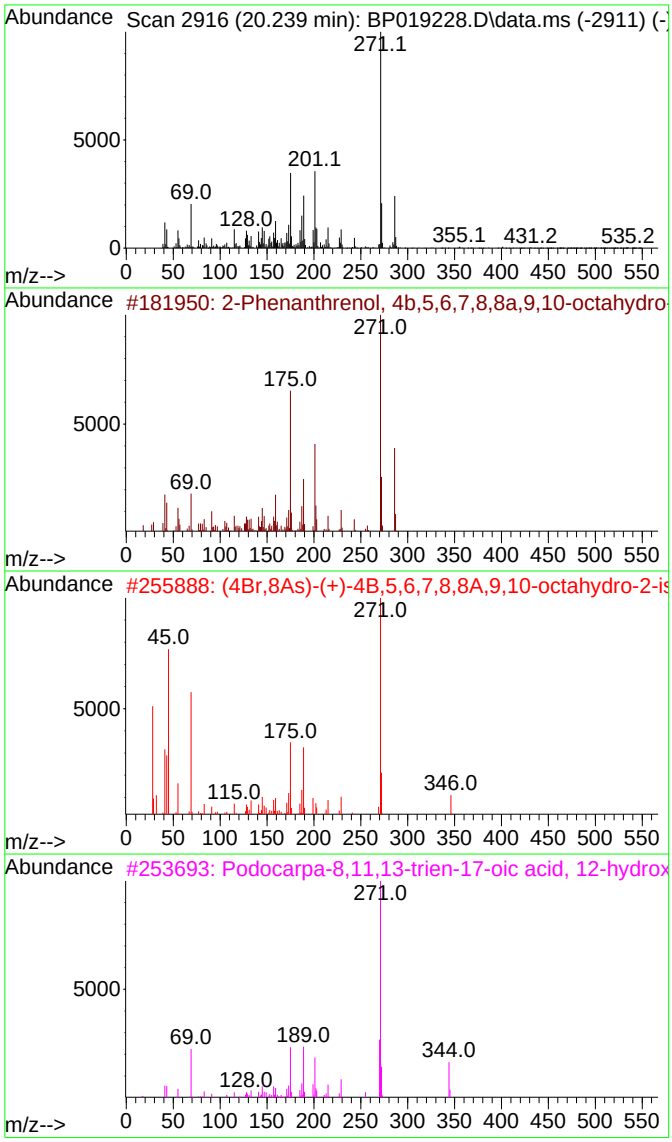
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP122723.MA.M
Quant Title : SVOA CALIBRATION

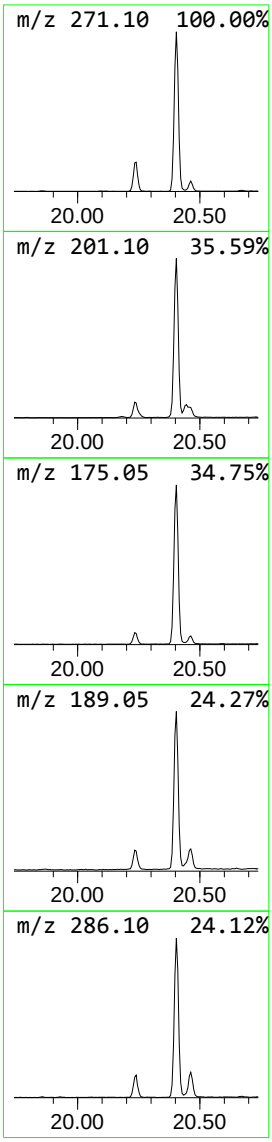
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 2-Phenanthrenol, 4b,5,6,7,8... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.239	5.36 ng/ul	802404	Chrysene-d12	21.304

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Phenanthrenol, 4b,5,6,7,8,8a,9...	286	C20H30O	000511-15-9	91
2	(4Br,8As)-(+)-4B,5,6,7,8,8A,9,10...	346	C22H34O3	1000426-72-2	76
3	Podocarpa-8,11,13-trien-17-oic a...	344	C22H32O3	024067-43-4	72
4	2-Phenanthrenol, 4b,5,6,7,8,8a,9...	328	C22H32O2	015340-82-6	64
5	4,4'-(Ethane-1,1-diyl)diphenol, ...	286	C17H22O2Si	1000488-41-7	60





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP010224\
Data File : BP019228.D
Acq On : 03 Jan 2024 02:33
Operator : MA/JU
Sample : 05919-09
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
GCF41

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP122723.MA.M
Quant Title : SVOA CALIBRATION

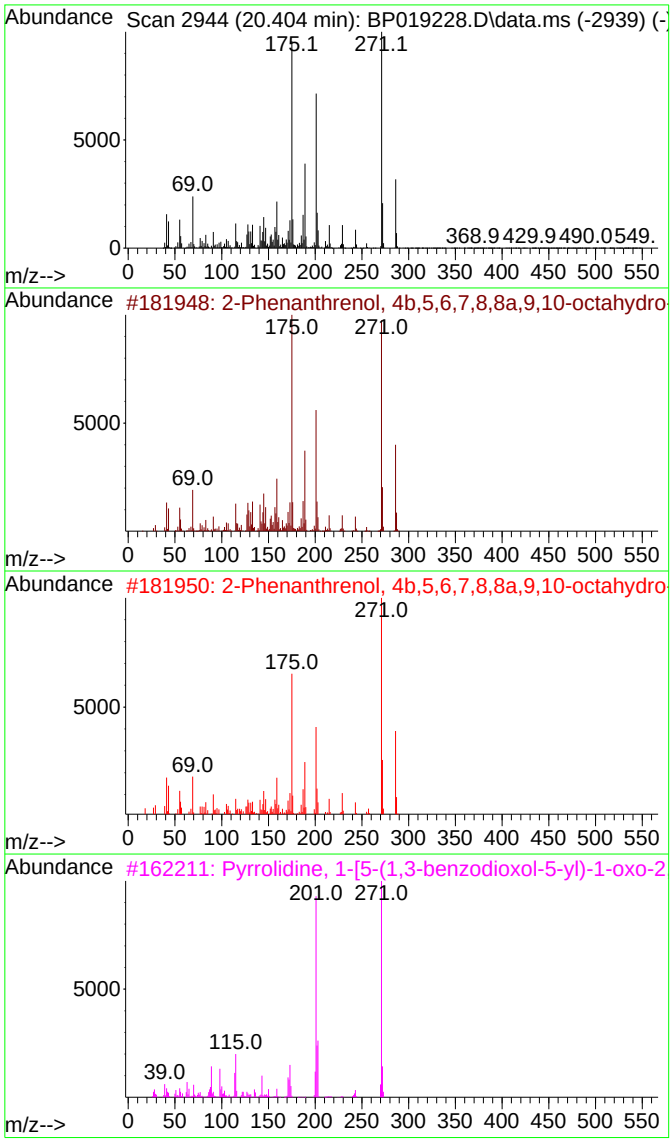
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

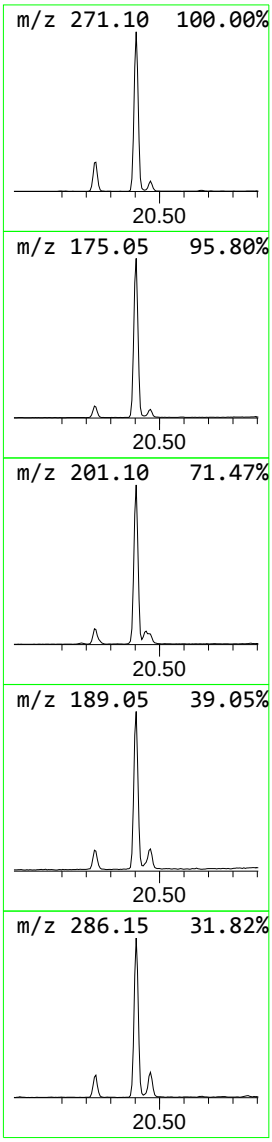
****

Peak Number 13 unknown-01 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.404	31.12 ng/ul	4656810	Chrysene-d12	21.304

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Phenanthrenol, 4b,5,6,7,8,8a,9...	286	C20H30O	000511-15-9	99
2	2-Phenanthrenol, 4b,5,6,7,8,8a,9...	286	C20H30O	000511-15-9	92
3	Pyrrolidine, 1-[5-(1,3-benzodiox...	271	C16H17NO3	025924-78-1	38
4	1-Methyl-3-phenyl-4-azafluorenone	271	C19H13NO	069751-55-9	22
5	Oxazole, 2-(1-naphthalenyl)-5-ph...	271	C19H13NO	000846-63-9	18





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP010224\
Data File : BP019228.D
Acq On : 03 Jan 2024 02:33
Operator : MA/JU
Sample : 05919-09
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
GCF41

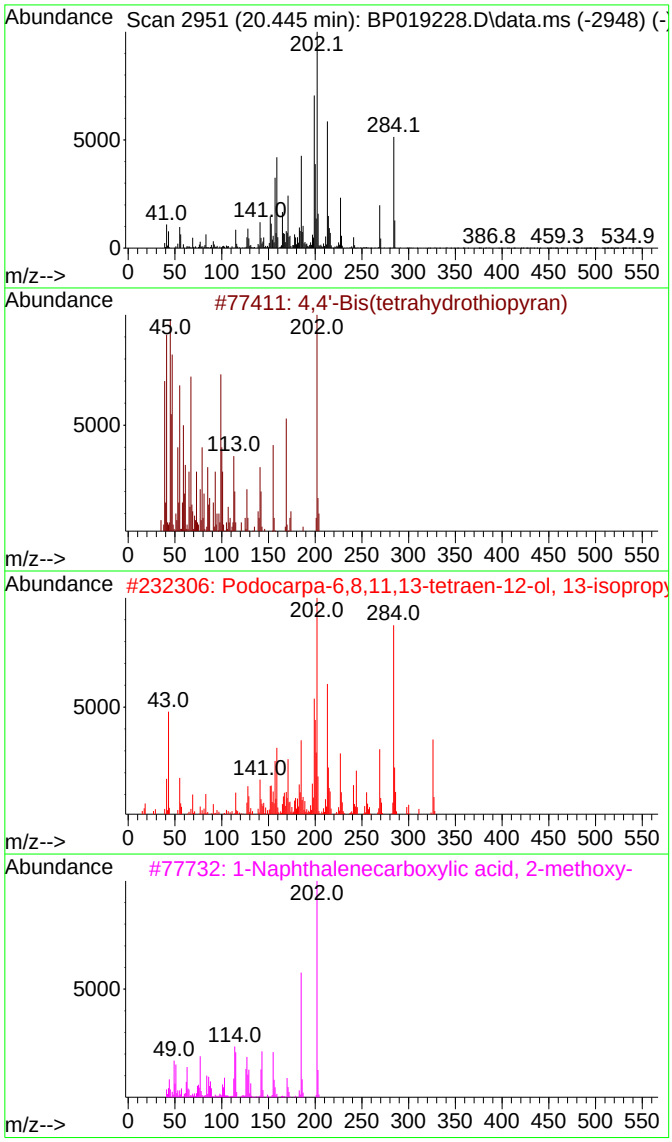
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP122723.MA.M
Quant Title : SVOA CALIBRATION

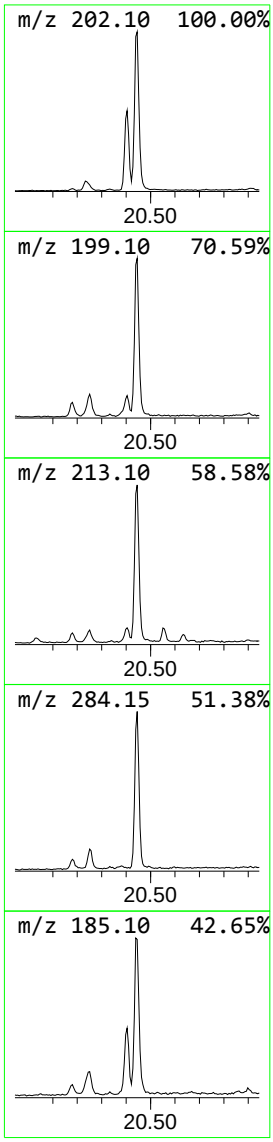
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 4,4'-Bis(tetrahydrothiopyran) Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.445	13.58 ng/ul	2031750	Chrysene-d12	21.304

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4,4'-Bis(tetrahydrothiopyran)	202	C10H18S2	116196-83-9	91
2	Podocarpa-6,8,11,13-tetraen-12-o...	326	C22H30O2	022160-86-7	83
3	1-Naphthalenecarboxylic acid, 2-...	202	C12H10O3	000947-62-6	18
4	8-Amino-2,5-dimethyl-6-methoxyqu...	202	C12H14N2O	1000214-69-9	18
5	(4-Methoxyphenyl)(5-methyl-2-fur...	202	C13H14O2	1000440-64-7	15





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP010224\
Data File : BP019228.D
Acq On : 03 Jan 2024 02:33
Operator : MA/JU
Sample : 05919-09
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
GCF41

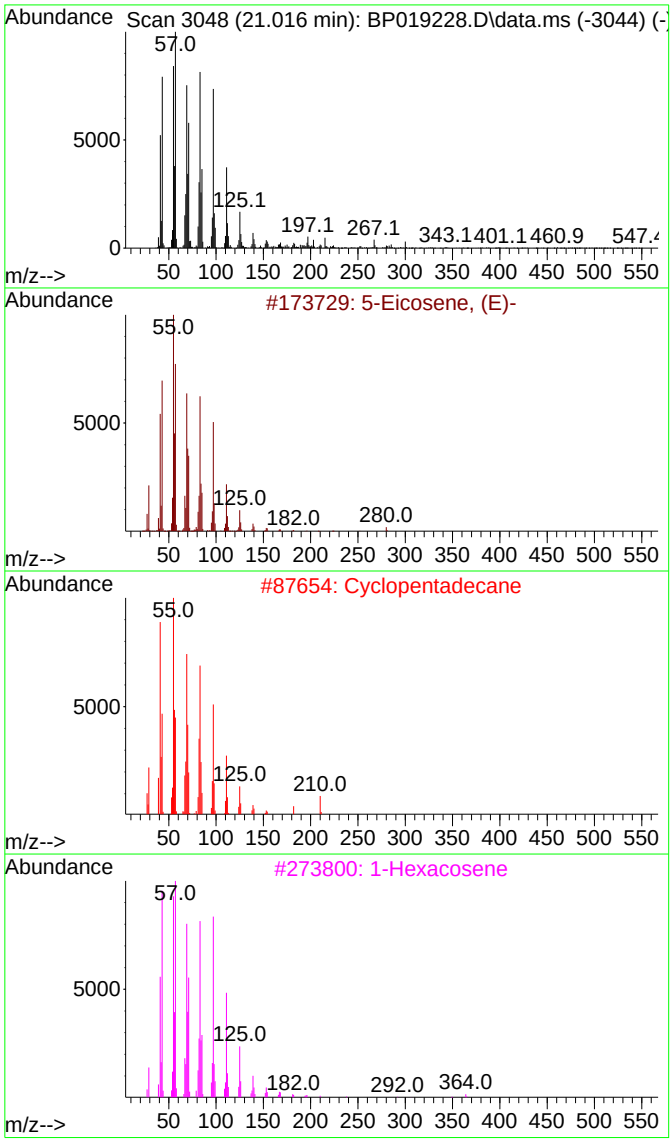
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP122723.MA.M
Quant Title : SVOA CALIBRATION

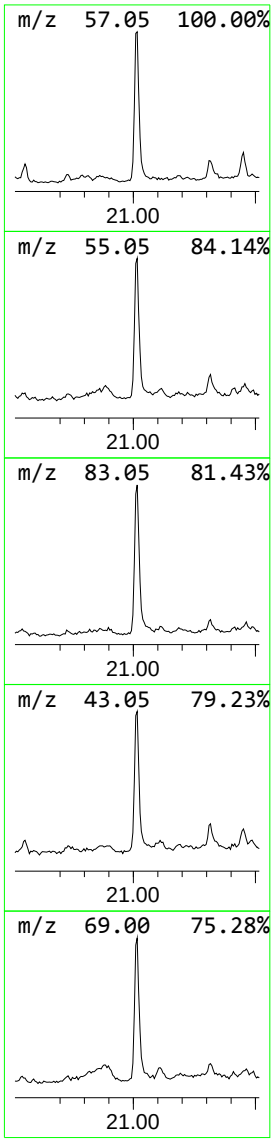
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.015	7.24 ng/ul	1082940	Chrysene-d12	21.304

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Eicosene, (E)-	280	C20H40	074685-30-6	97
2	Cyclopentadecane	210	C15H30	000295-48-7	96
3	1-Hexacosene	364	C26H52	018835-33-1	95
4	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	94
5	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	94





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP010224\
Data File : BP019228.D
Acq On : 03 Jan 2024 02:33
Operator : MA/JU
Sample : 05919-09
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
GCF41

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP122723.MA.M
Quant Title : SVOA CALIBRATION

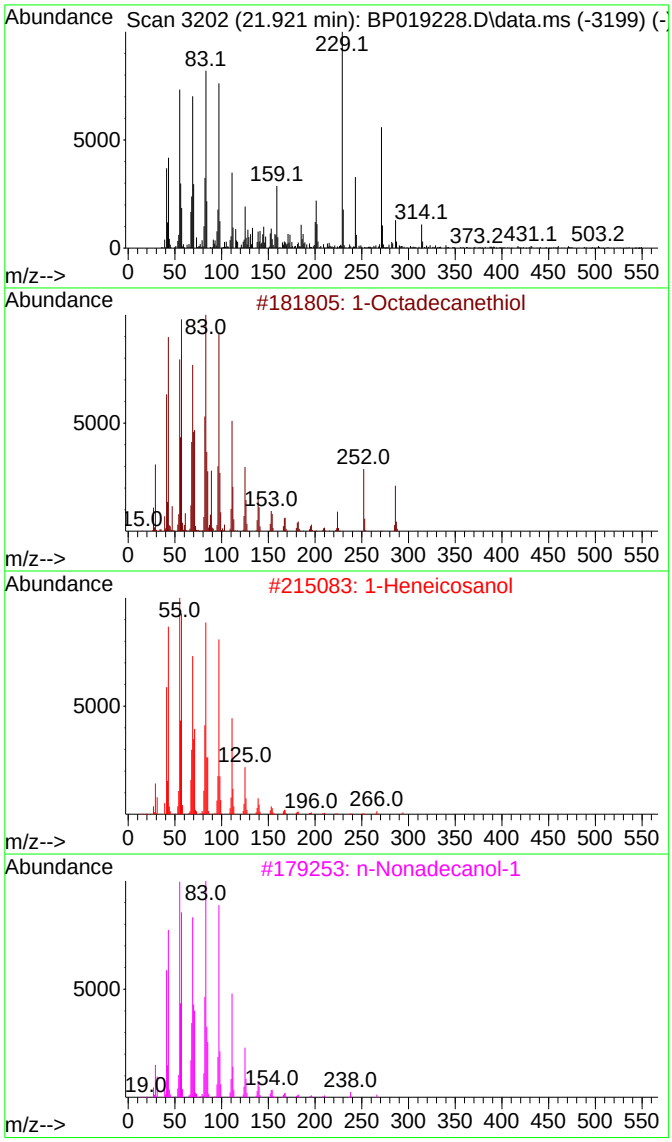
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

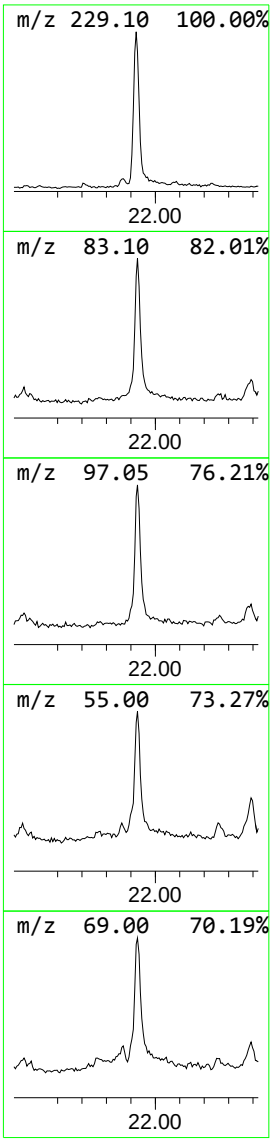
****

Peak Number 16 1-Octadecanethiol Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.921	8.11 ng/ul	1214120	Chrysene-d12	21.304

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Octadecanethiol	286	C18H38S	002885-00-9	90
2	1-Heneicosanol	312	C21H44O	015594-90-8	46
3	n-Nonadecanol-1	284	C19H40O	001454-84-8	46
4	Tetralin, 6-acetyl-8-isopropyl-2...	244	C17H24O	1000155-43-5	40
5	N-(2-Fluorophenethyl)-N'-(2-fluo...	304	C16H14F2N2O2	339006-39-2	25





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP010224\
Data File : BP019228.D
Acq On : 03 Jan 2024 02:33
Operator : MA/JU
Sample : 05919-09
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
GCF41

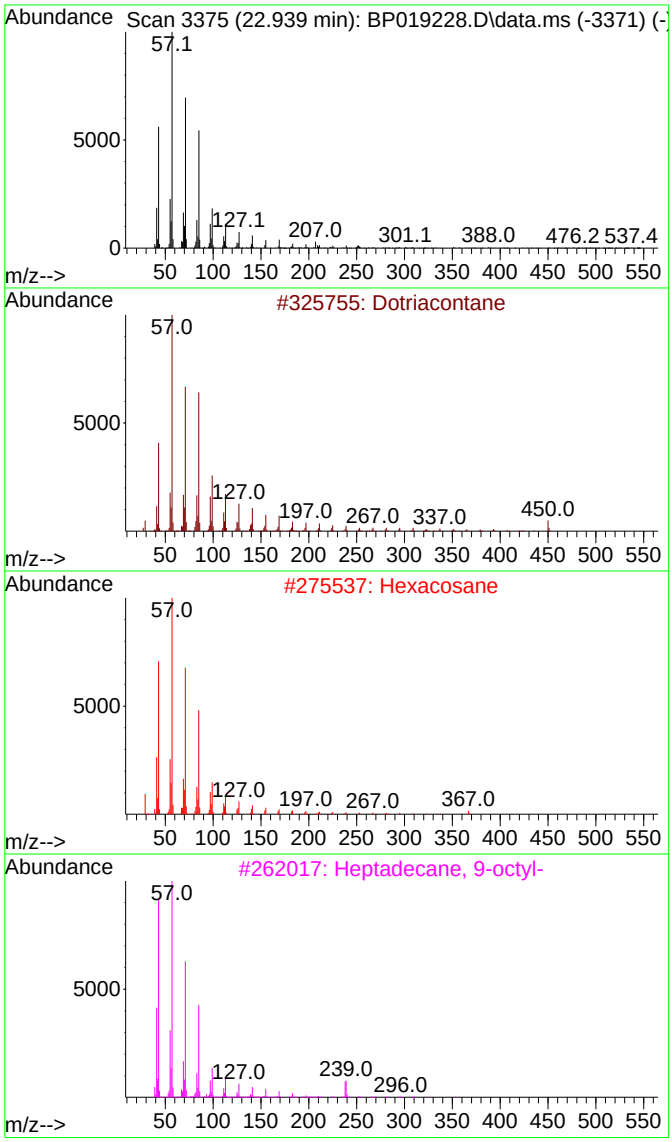
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP122723.MA.M
Quant Title : SVOA CALIBRATION

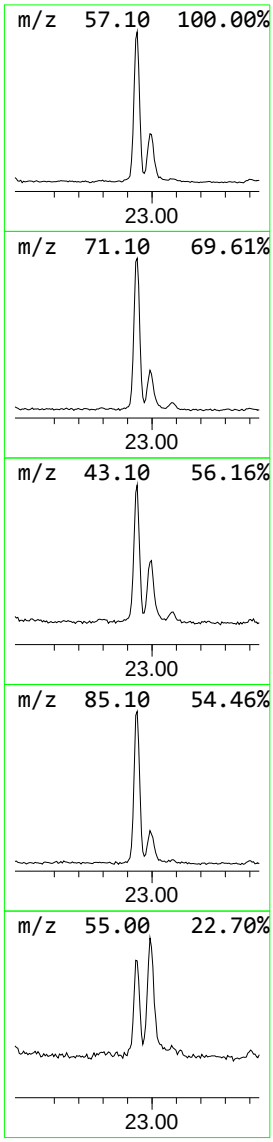
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 (DEL) Alkane: Straight-Chai... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.939	5.17 ng/ul	753117	Perylene-d12	23.668

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dotriacontane	451	C32H66	000544-85-4	93
2	Hexacosane	366	C26H54	000630-01-3	90
3	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	90
4	Heptadecane, 3-methyl-	254	C18H38	006418-44-6	90
5	Octacosane, 2-methyl-	408	C29H60	001560-98-1	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP010224\
Data File : BP019228.D
Acq On : 03 Jan 2024 02:33
Operator : MA/JU
Sample : 05919-09
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
GCF41

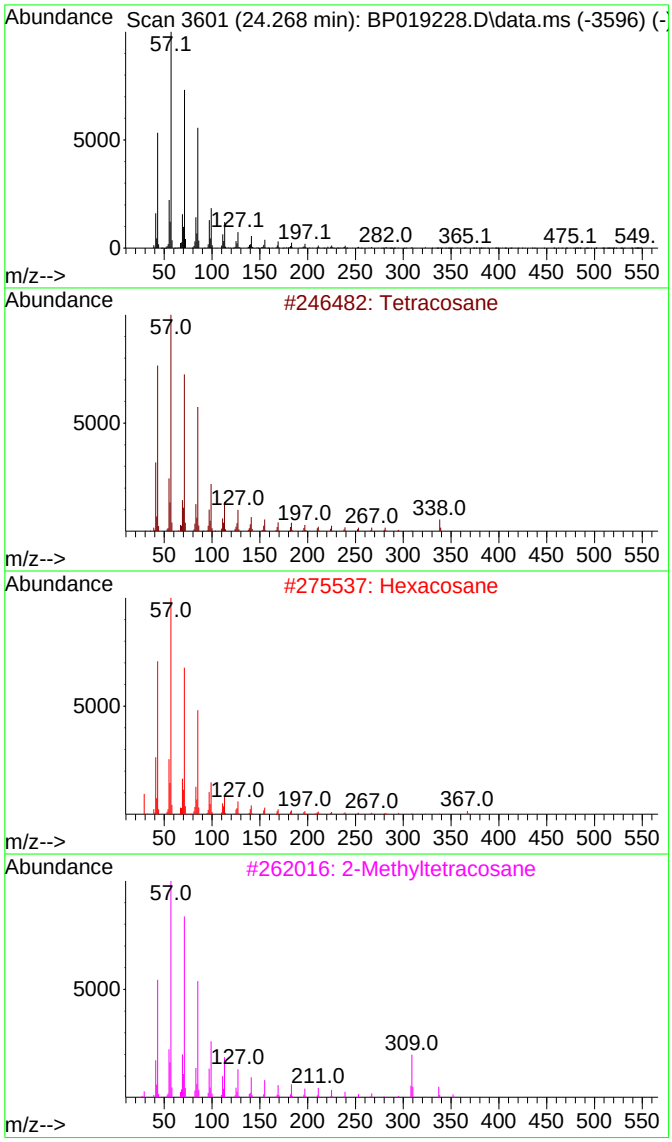
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP122723.MA.M
Quant Title : SVOA CALIBRATION

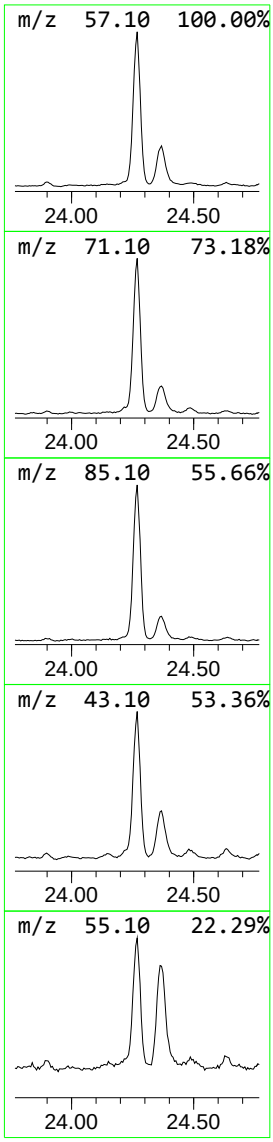
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.268	16.12 ng/ul	2349090	Perylene-d12	23.668

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	96
2	Hexacosane	366	C26H54	000630-01-3	94
3	2-Methyltetracosane	352	C25H52	001560-78-7	94
4	Heneicosane, 11-pentyl-	366	C26H54	014739-72-1	94
5	Eicosane	282	C20H42	000112-95-8	94





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP010224\
Data File : BP019228.D
Acq On : 03 Jan 2024 02:33
Operator : MA/JU
Sample : 05919-09
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
GCF41

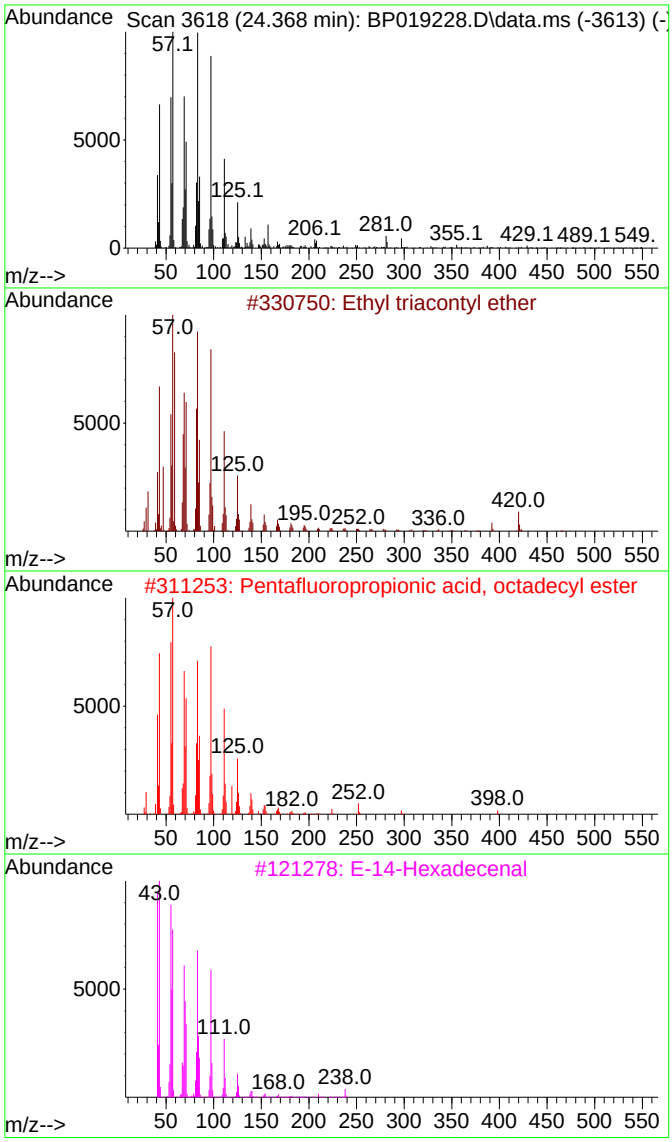
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP122723.MA.M
Quant Title : SVOA CALIBRATION

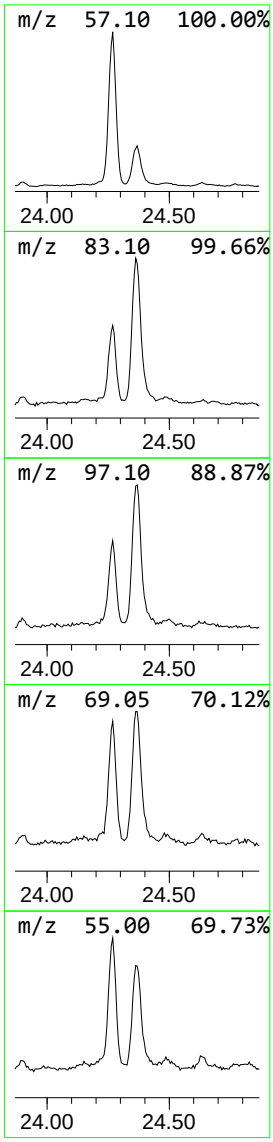
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 Ethyl triacontyl ether Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.368	9.49 ng/ul	1383670	Perylene-d12	23.668

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethyl triacontyl ether	467	C32H66O	1000406-37-1	87
2	Pentafluoropropionic acid, octad...	416	C21H37F5O2	959261-25-7	87
3	E-14-Hexadecenal	238	C16H30O	330207-53-9	87
4	Docosyl trifluoroacetate	422	C24H45F3O2	1000351-75-5	87
5	Octacosanol	410	C28H58O	000557-61-9	83





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP010224\
Data File : BP019228.D
Acq On : 03 Jan 2024 02:33
Operator : MA/JU
Sample : 05919-09
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
GCF41

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP122723.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
Propylene Glycol	3.522	4.1	ng/ul	212564	1	7.799	1031860	20.0
1-Phenoxypropan...	11.351	2.3	ng/ul	160220	2	10.598	1389280	20.0
Longifolene	13.704	11.3	ng/ul	1085840	3	14.445	1929630	20.0
cis-Thujopsene	13.957	2.1	ng/ul	200090	3	14.445	1929630	20.0
Camphene	14.257	2.1	ng/ul	204464	3	14.445	1929630	20.0
(1R,4R,5S)-1,8-...	14.334	4.4	ng/ul	426017	3	14.445	1929630	20.0
Cedrol	15.728	3.1	ng/ul	295443	3	14.445	1929630	20.0
cis-7-Hexadecen...	18.039	3.7	ng/ul	444717	4	17.198	2408910	20.0
n-Hexadecanoic ...	18.098	14.2	ng/ul	1705900	4	17.198	2408910	20.0
7-Isopropyl-1,1...	19.022	2.3	ng/ul	280311	4	17.198	2408910	20.0
Octadecanoic acid	19.333	2.1	ng/ul	313863	5	21.304	2993150	20.0
2-Phenanthrenol...	20.239	5.4	ng/ul	802404	5	21.304	2993150	20.0
unknown-01	20.404	31.1	ng/ul	4656810	5	21.304	2993150	20.0
4,4'-Bis(tetrah...	20.445	13.6	ng/ul	2031750	5	21.304	2993150	20.0
(DEL) Alkane: S...	21.015	7.2	ng/ul	1082940	5	21.304	2993150	20.0
1-Octadecanethiol	21.921	8.1	ng/ul	1214120	5	21.304	2993150	20.0
(DEL) Alkane: S...	22.939	5.2	ng/ul	753117	6	23.668	2915400	20.0
(DEL) Alkane: S...	24.268	16.1	ng/ul	2349090	6	23.668	2915400	20.0
Ethyl triaconty...	24.368	9.5	ng/ul	1383670	6	23.668	2915400	20.0