LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070524\
Data File : BP020803.D
Acq On : 06 Jul 2024 01:56
Operator : MA/JU
Sample : P2964-05
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4B52

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-BP062524.MA.M
Title : SVOA CALIBRATION

Signal : TIC: BP020803.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.264	44	47	56	rVB	24288	32468	0.69%	0.059%
2	3.534	90	93	107	rBV	90054	146954	3.12%	0.269%
3	3.681	115	118	130	rVV2	89367	130528	2.77%	0.239%
4	3.776	130	134	139	rVB	69707	92340	1.96%	0.169%
5	3.987	167	170	177	rVB	13920	20868	0.44%	0.038%
6	4.534	259	263	268	rVV2	30222	45895	0.97%	0.084%
7	4.581	268	271	281	rVB	30325	46402	0.98%	0.085%
8	4.887	317	323	330	rBV	130080	189889	4.03%	0.348%
9	5.846	478	486	498	rBV	12512	27953	0.59%	0.051%
10	6.917	659	668	681	rBV	364666	652262	13.83%	1.194%
11	7.069	688	694	708	rVB	349007	523434	11.10%	0.958%
12	7.269	721	728	737	rBV	433428	700156	14.85%	1.281%
13	7.352	737	742	751	rVV2	36905	90081	1.91%	0.165%
14	7.728	798	806	813	rBV	715846	1153978	24.48%	2.112%
15	8.434	919	926	938	rBV	428884	659440	13.99%	1.207%
16	8.546	940	945	952	rVB	28196	49601	1.05%	0.091%
17	8.875	994	1001	1012	rBV	407332	682035	14.47%	1.248%
18	9.016	1023	1025	1034	rVB9	10487	21540	0.46%	0.039%
19	9.434	1089	1096	1107	rBV2	36135	71622	1.52%	0.131%
20	9.587	1114	1122	1136	rBV	344932	589493	12.50%	1.079%
21	10.128	1206	1214	1228	rBV	469522	900880	19.11%	1.649%
22	10.493	1266	1276	1283	rBV	995170	1715612	36.39%	3.140%
23	10.546	1283	1285	1294	rVB	32085	44405	0.94%	0.081%
24	10.640	1294	1301	1312	rBV	237762	432209	9.17%	0.791%
25	11.034	1363	1368	1375	rBV9	15537	33626	0.71%	0.062%
26	11.246	1397	1404	1423	rBV	96593	248609	5.27%	0.455%
27	12.081	1541	1546	1552	rVV3	10948	21823	0.46%	0.040%
28	12.152	1552	1558	1566	rVB	14455	30491	0.65%	0.056%
29	12.381	1593	1597	1607	rVB2	14833	24779	0.53%	0.045%
30	13.175	1725	1732	1738	rBV8	8426	19906	0.42%	0.036%
31	13.534	1783	1793	1798	rBV7	10676	30689	0.65%	0.056%
32	13.675	1810	1817	1822	rBV3	18962	35263	0.75%	0.065%
33	13.775	1828	1834	1846	rVB	1047401	1408909	29.88%	2.578%
34	14.051	1868	1881	1894	rBV	1014924	1778171	37.72%	3.254%
35	14.357	1924	1933	1939	rBV	1487828	2329055	49.40%	4.262%
36	14.422	1939	1944	1950	rVB	97634	151124	3.21%	0.277%

LSC Area Percent Report

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Data File : BP020803.D
Acq On : 06 Jul 2024 01:56
Operator : MA/JU
Sample : P2964-05
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4B52

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-BP062524.MA.M
Title : SVOA CALIBRATION

37	14.487	1950	1955	1961	rVB2	10240	21573	0.46%	0.039%
38	14.598	1961	1974	1982	rBV3	268171	599012	12.71%	1.096%
39	14.734	1993	1997	1998	rBV2	18841	21623	0.46%	0.040%
40	14.763	1998	2002	2006	rVV	37311	55695	1.18%	0.102%
41	14.987	2031	2040	2044	rBV8	11252	28304	0.60%	0.052%
42	15.163	2066	2070	2077	rVV8	14382	30084	0.64%	0.055%
43	15.369	2098	2105	2110	rVV	1480029	2059965	43.69%	3.770%
44	15.422	2110	2114	2122	rVB2	101969	152796	3.24%	0.280%
45	15.504	2122	2128	2134	rBV	252754	401806	8.52%	0.735%
46	15.593	2139	2143	2146	rVV2	19196	33582	0.71%	0.061%
47	15.634	2146	2150	2155	rVV2	49974	76812	1.63%	0.141%
48	15.722	2161	2165	2174	rVB	29752	51215	1.09%	0.094%
49	15.881	2186	2192	2198	rVB3	22124	49769	1.06%	0.091%
50	15.951	2198	2204	2212	rBV10	12165	31016	0.66%	0.057%
51	16.116	2226	2232	2237	rVB4	29815	56354	1.20%	0.103%
52	16.375	2272	2276	2281	rBV2	29797	44090	0.94%	0.081%
53	16.451	2282	2289	2294	rVV4	25812	61564	1.31%	0.113%
54	16.687	2323	2329	2334	rBV7	32280	69665	1.48%	0.127%
55	16.816	2346	2351	2358	rVB	52652	86065	1.83%	0.158%
56	16.887	2358	2363	2364	rBV4	22603	32939	0.70%	0.060%
57	16.916	2364	2368	2372	rVV2	36905	60566	1.28%	0.111%
58	16.981	2374	2379	2386	rVB	73375	111434	2.36%	0.204%
59	17.081	2392	2396	2402	rVB5	32320	48865	1.04%	0.089%
60	17.169	2404	2411	2415	rBV	1825650	2898718	61.48%	5.305%
61	17.210	2415	2418	2422	rVV	1317954	1705014	36.16%	3.120%
62	17.263	2422	2427	2432	rVV2	1445084	2274188	48.24%	4.162%
63	17.298	2432	2433	2439	rVV	231001	247922	5.26%	0.454%
64	17.351	2439	2442	2451	rVB4	34172	65878	1.40%	0.121%
65	17.592	2475	2483	2487	rBV2	96772	188813	4.00%	0.346%
66	17.710	2501	2503	2509	rVB2	29956	35685	0.76%	0.065%
67	17.781	2510	2515	2522	rBV5	48839	113621	2.41%	0.208%
68	17.869	2526	2530	2533	rVV2	53122	76780	1.63%	0.141%
69	17.904	2534	2536	2542	rVB2	37721	54680	1.16%	0.100%
70	18.098	2560	2569	2579	rBV2	465957	1367800	29.01%	2.503%
71	18.204	2585	2587	2592	rVB	46978	51189	1.09%	0.094%
72	18.269	2593	2598	2602	rBV2	258532	425285	9.02%	0.778%
73	18.381	2613	2617	2623	rBV7	36936	82542	1.75%	0.151%
74	18.563	2644	2648	2650	rBV5	41623	63507	1.35%	0.116%
75	18.592	2650	2653	2657	rVV	113226	166703	3.54%	0.305%
76	18.639	2657	2661	2666	rVB	149574	221687	4.70%	0.406%

LSC Area Percent Report

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Data File : BP020803.D
Acq On : 06 Jul 2024 01:56
Operator : MA/JU
Sample : P2964-05
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4B52

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-BP062524.MA.M
Title : SVOA CALIBRATION

77	18.845	2692	2696	2701	rVB2	100334	142056	3.01%	0.260%
78	19.028	2723	2727	2730	rBV	82367	139197	2.95%	0.255%
79	19.169	2747	2751	2760	rVB2	94173	210521	4.47%	0.385%
80	19.304	2768	2774	2780	rBV	2056810	3118881	66.15%	5.708%
81	19.369	2782	2785	2788	rVV3	56248	69864	1.48%	0.128%
82	19.428	2792	2795	2804	rVB2	365546	589330	12.50%	1.078%
83	19.651	2827	2833	2835	rBV2	1945947	2790806	59.20%	5.107%
84	19.681	2835	2838	2846	rVB	1487938	2020415	42.85%	3.697%
85	19.757	2847	2851	2857	rBV2	116006	222161	4.71%	0.407%
86	20.016	2891	2895	2904	rBV4	126296	343661	7.29%	0.629%
87	20.116	2909	2912	2916	rVV	115460	150418	3.19%	0.275%
88	20.163	2916	2920	2921	rBV3	84925	112816	2.39%	0.206%
89	20.198	2923	2926	2929	rVB	277734	317622	6.74%	0.581%
90	20.304	2941	2944	2948	rVB	218991	244459	5.19%	0.447%
91	20.816	3029	3031	3036	rVB5	128205	142647	3.03%	0.261%
92	21.180	3090	3093	3098	rBV3	160597	267793	5.68%	0.490%
93	21.292	3106	3112	3117	rBV4	801692	1417115	30.06%	2.593%
94	21.533	3149	3153	3157	rBV	407013	527869	11.20%	0.966%
95	21.622	3160	3168	3173	rVV2	1954236	4714591	100.00%	8.628%
96	21.669	3173	3176	3186	rVB	873586	1414468	30.00%	2.589%
97	23.910	3550	3557	3564	rBV	598384	1799017	38.16%	3.292%
98	24.080	3583	3586	3596	rVB2	253239	528538	11.21%	0.967%
99	24.727	3691	3696	3704	rBV2	560022	1262626	26.78%	2.311%
100	24.963	3729	3736	3746	rVB	978451	2739821	58.11%	5.014%

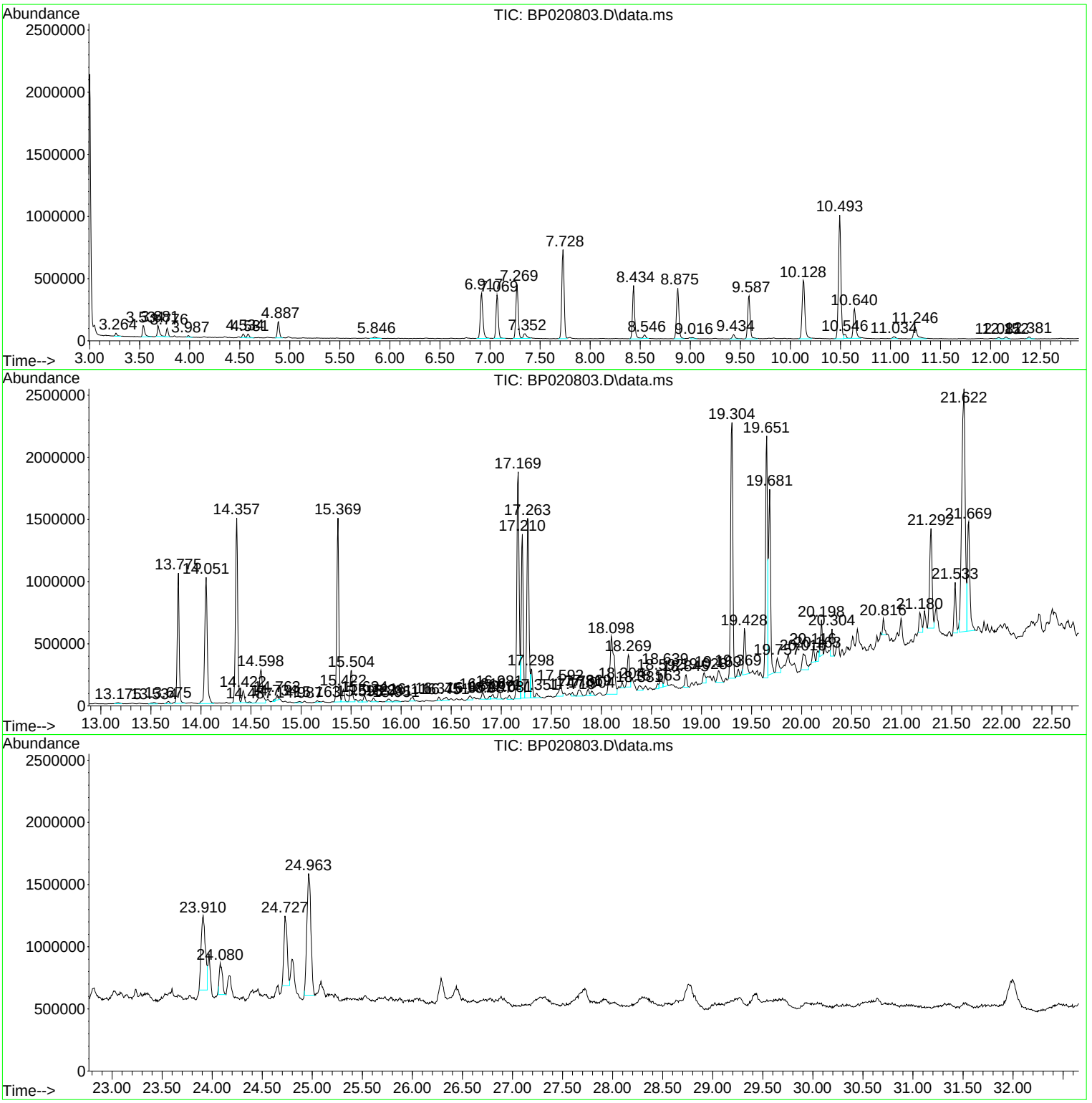
Sum of corrected areas: 54643988

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070524\
Data File : BP020803.D
Acq On : 06 Jul 2024 01:56
Operator : MA/JU
Sample : P2964-05
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4B52

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062524.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\BP070524\
Data File : BP020803.D
Acq On : 06 Jul 2024 01:56
Operator : MA/JU
Sample : P2964-05
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4B52

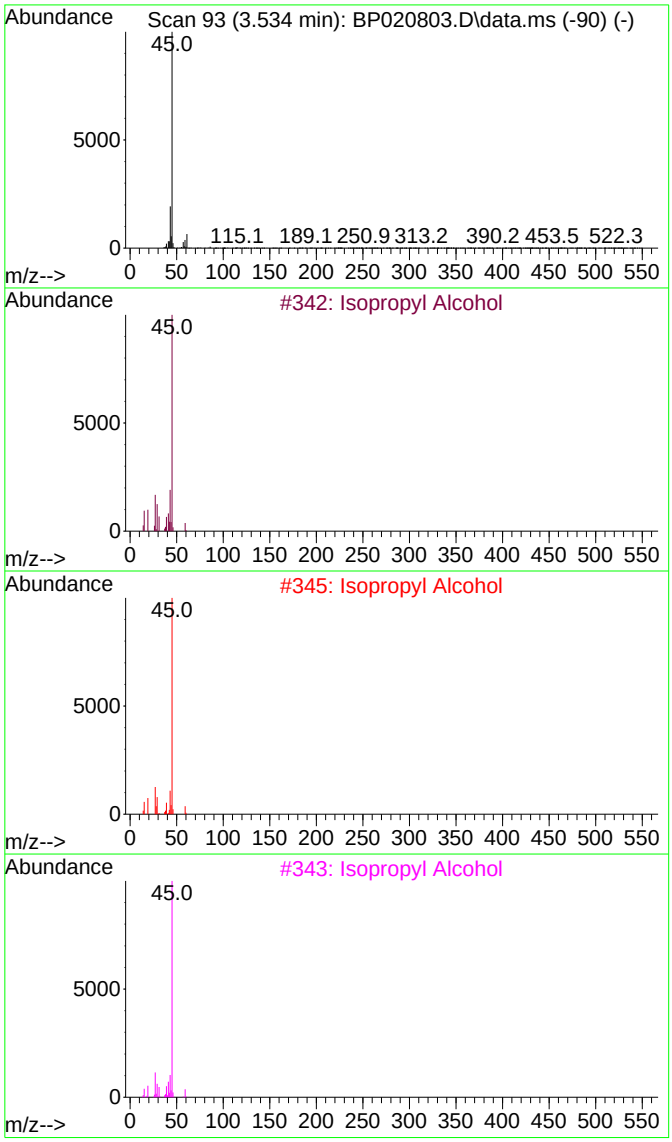
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062524.MA.M
Quant Title : SVOA CALIBRATION

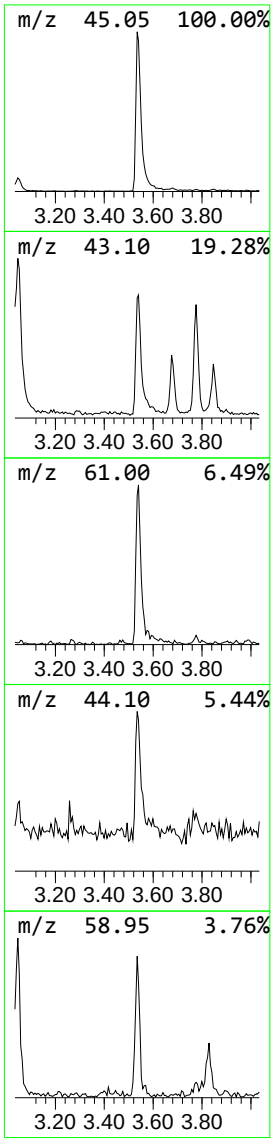
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Isopropyl Alcohol Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.534	2.55 ng/ul	146954	1,4-Dichlorobenzene-d4	7.728

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isopropyl Alcohol	60	C3H8O	000067-63-0	72
2	Isopropyl Alcohol	60	C3H8O	000067-63-0	56
3	Isopropyl Alcohol	60	C3H8O	000067-63-0	56
4	Isopropyl Alcohol	60	C3H8O	000067-63-0	40
5	R-(-)-1,2-propanediol	76	C3H8O2	004254-14-2	40





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070524\
Data File : BP020803.D
Acq On : 06 Jul 2024 01:56
Operator : MA/JU
Sample : P2964-05
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4B52

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062524.MA.M
Quant Title : SVOA CALIBRATION

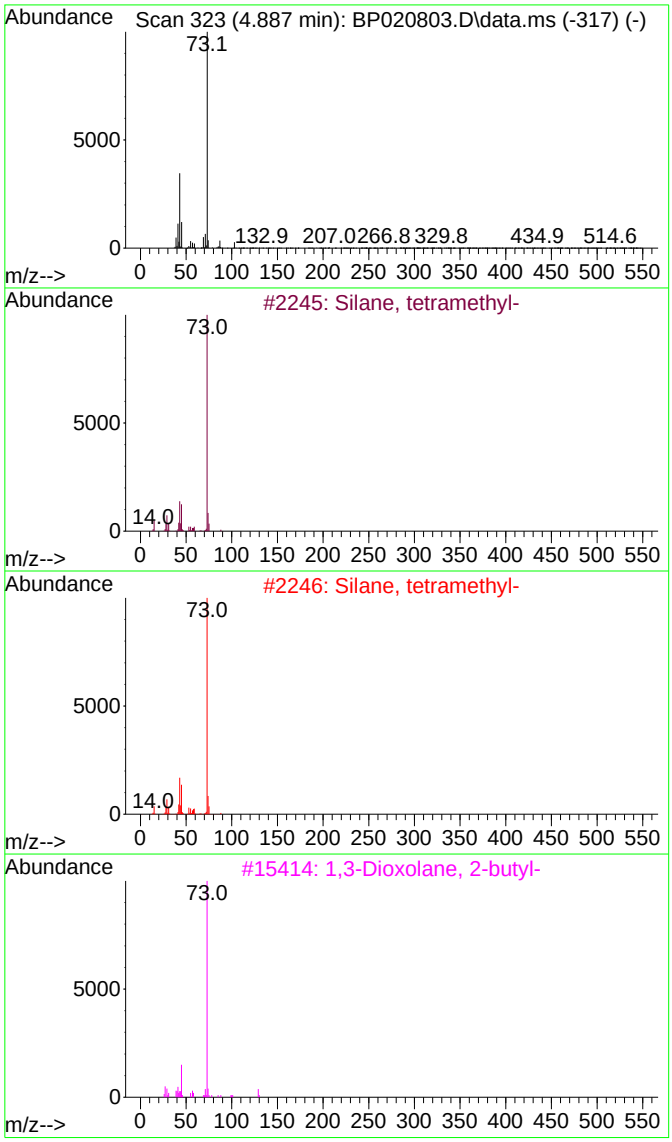
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

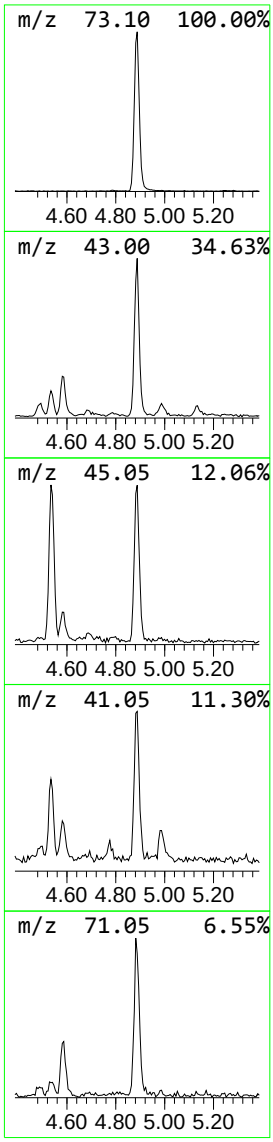
****

Peak Number 2 unknown-01 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.887	3.29 ng/ul	189889	1,4-Dichlorobenzene-d4	7.728

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Silane, tetramethyl-	88	C4H12Si	000075-76-3	43
2	Silane, tetramethyl-	88	C4H12Si	000075-76-3	43
3	1,3-Dioxolane, 2-butyl-	130	C7H14O2	004360-76-3	33
4	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	33
5	Octanal, 7-methoxy-3,7-dimethyl-	186	C11H22O2	003613-30-7	28





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070524\
Data File : BP020803.D
Acq On : 06 Jul 2024 01:56
Operator : MA/JU
Sample : P2964-05
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4B52

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062524.MA.M
Quant Title : SVOA CALIBRATION

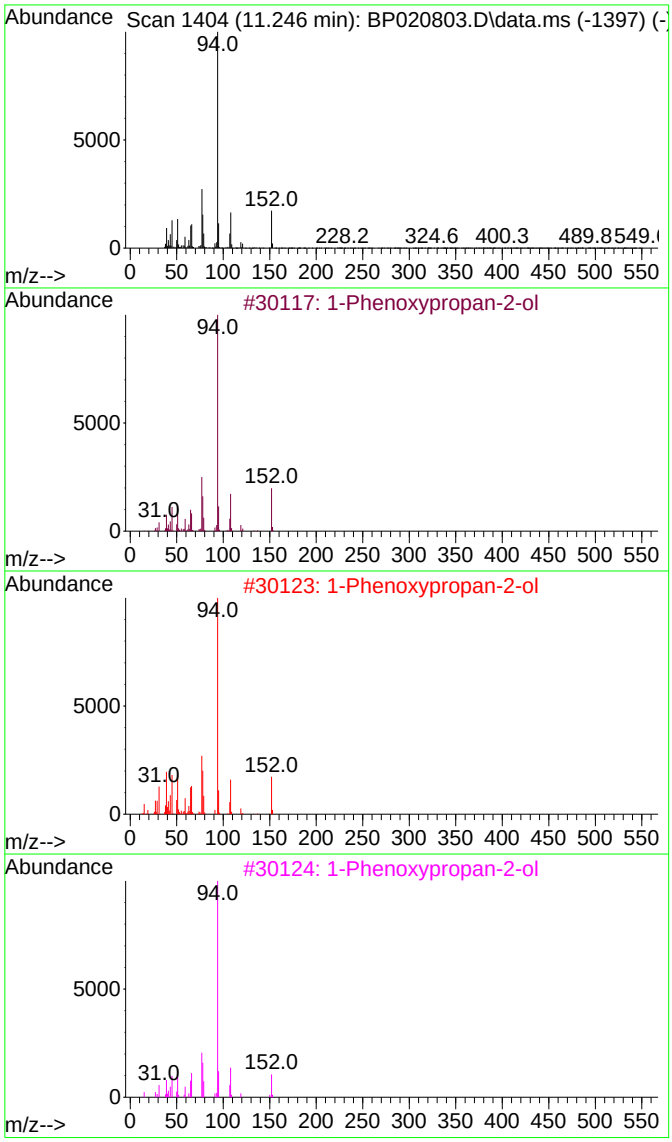
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

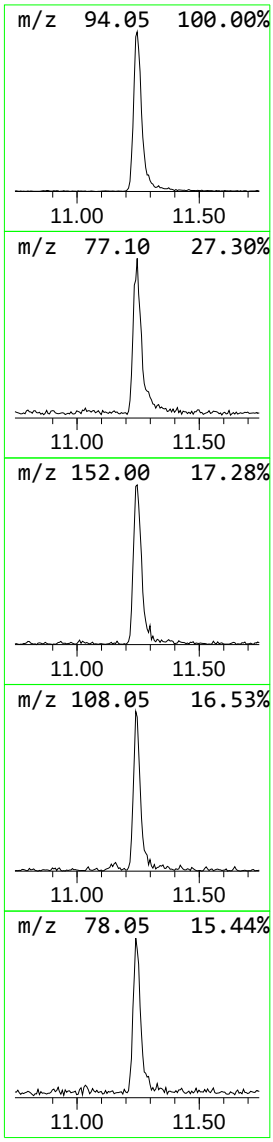
****

Peak Number 3 1-Phenoxypropan-2-ol Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.246	2.90 ng/ul	248609	Naphthalene-d8	10.493

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	96
3	1-Phenoxypropan-2-ol	152	C9H12O2	000770-35-4	95
4	1-Phenoxypropan-2-ol	152	C9H12O2	000770-35-4	87
5	1-Propanol, 3-phenoxy-	152	C9H12O2	006180-61-6	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070524\
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Acq On : 06 Jul 2024 01:56
Operator : MA/JU
Sample : P2964-05
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4B52

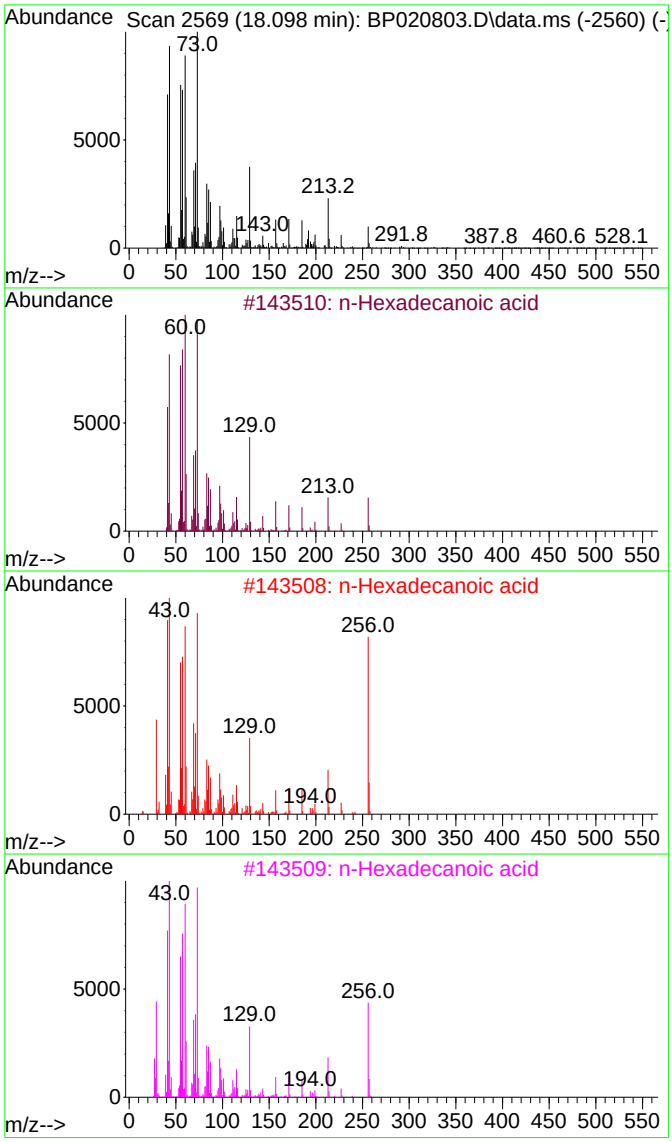
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062524.MA.M
Quant Title : SVOA CALIBRATION

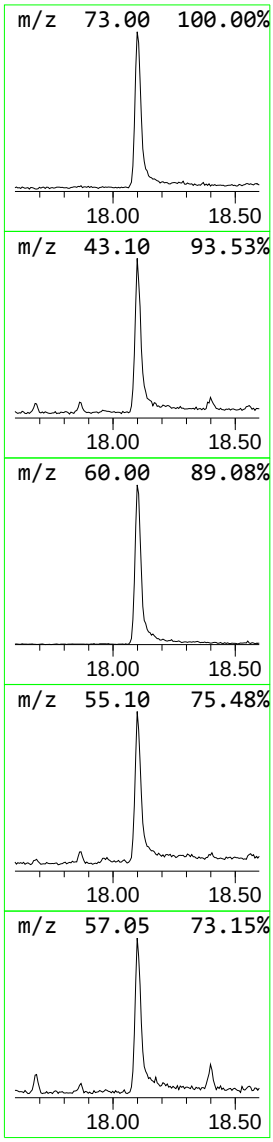
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.098	9.44 ng/ul	1367800	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	98
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
5	Tridecanoic acid	214	C13H26O2	000638-53-9	94





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070524\
Data File : BP020803.D
Acq On : 06 Jul 2024 01:56
Operator : MA/JU
Sample : P2964-05
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4B52

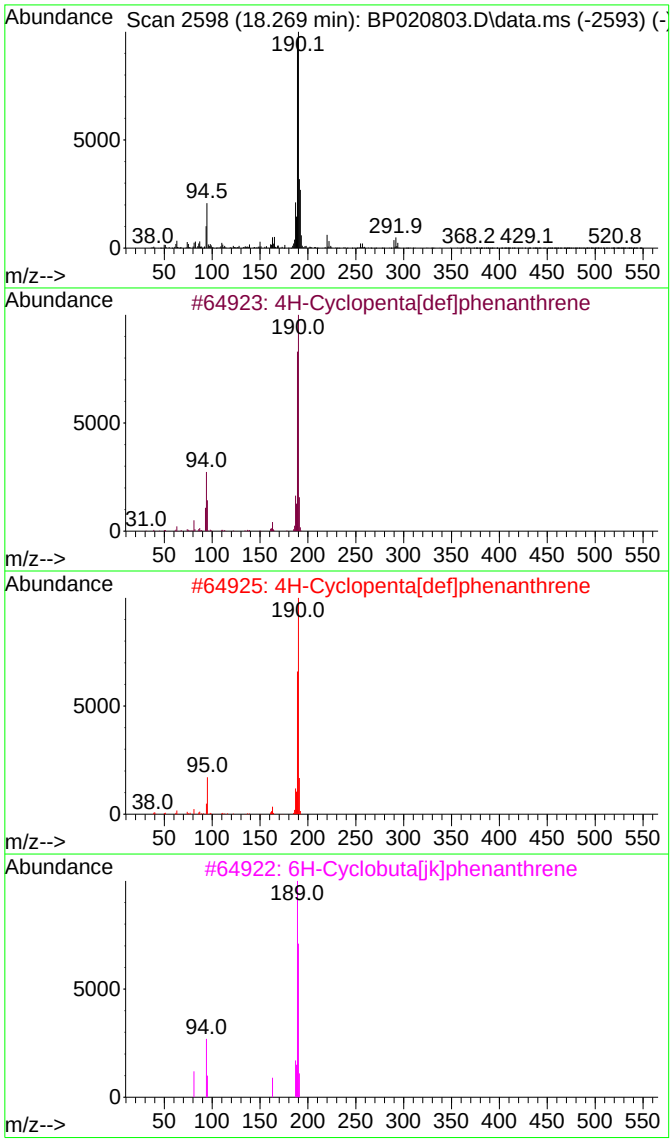
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062524.MA.M
Quant Title : SVOA CALIBRATION

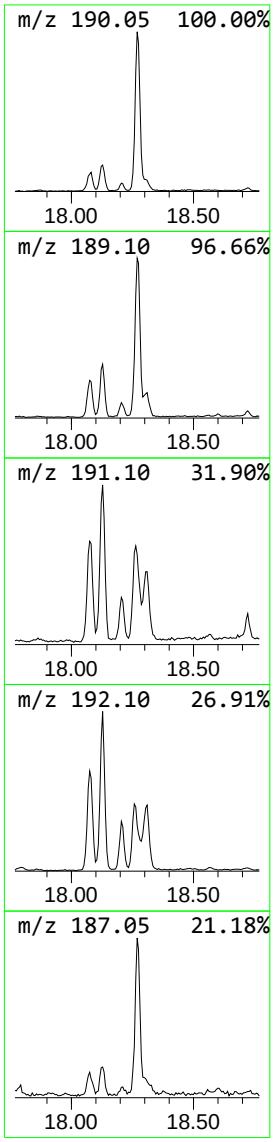
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 4H-Cyclopenta[def]phenanthrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.269	2.93 ng/ul	425285	Phenanthrene-d10	17.169

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	81
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	64
3	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	64
4	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	62
5	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	50





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Data File : BP020803.D
Acq On : 06 Jul 2024 01:56
Operator : MA/JU
Sample : P2964-05
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4B52

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062524.MA.M
Quant Title : SVOA CALIBRATION

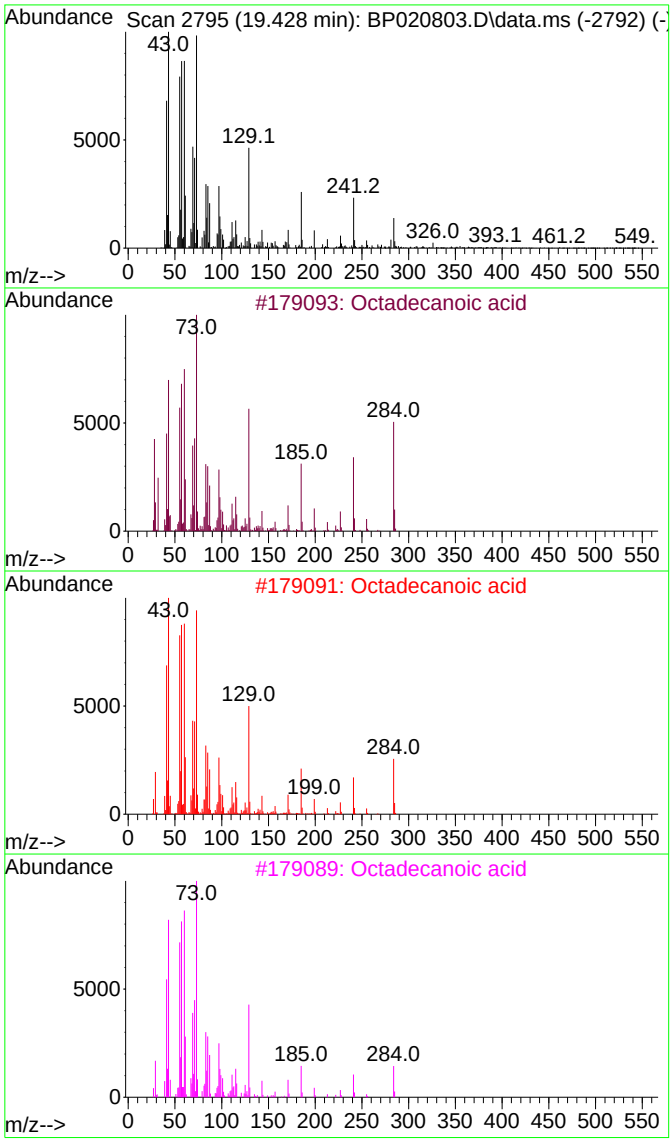
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

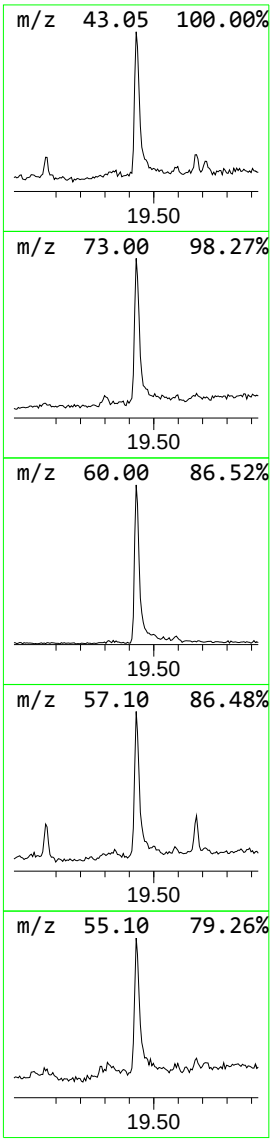
****

Peak Number 6 Octadecanoic acid Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.428	2.50 ng/ul	589330	Chrysene-d12	21.622

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	95
4	Octadecanoic acid	284	C18H36O2	000057-11-4	94
5	Heneicosanoic acid	326	C21H42O2	002363-71-5	91





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Data File : BP020803.D
Acq On : 06 Jul 2024 01:56
Operator : MA/JU
Sample : P2964-05
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4B52

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062524.MA.M
Quant Title : SVOA CALIBRATION

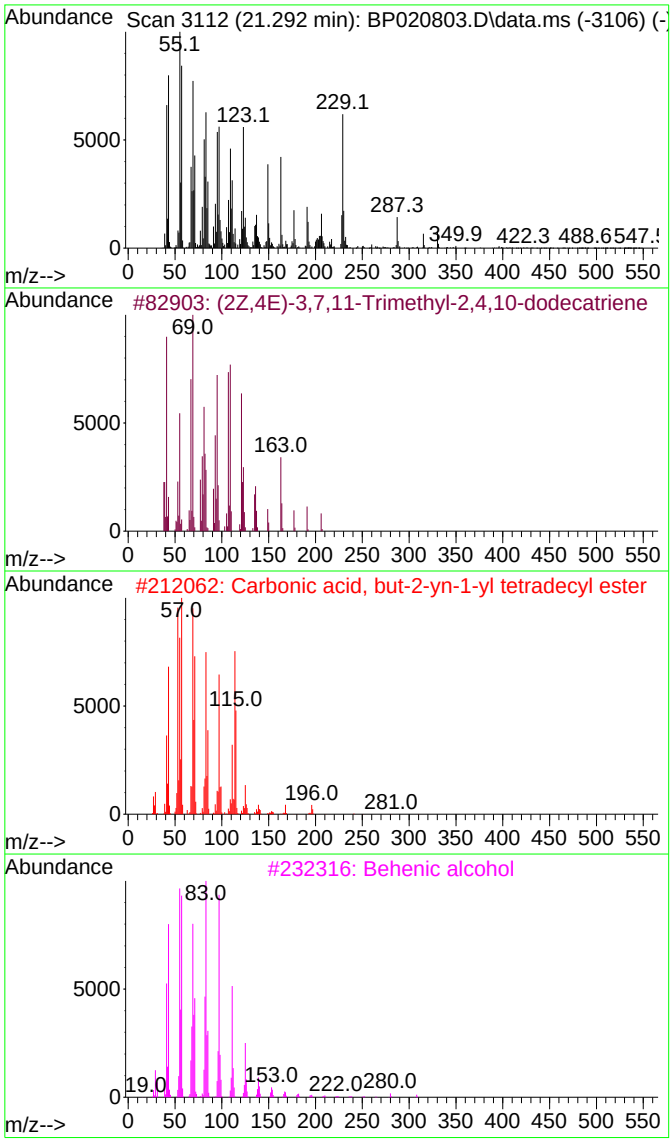
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

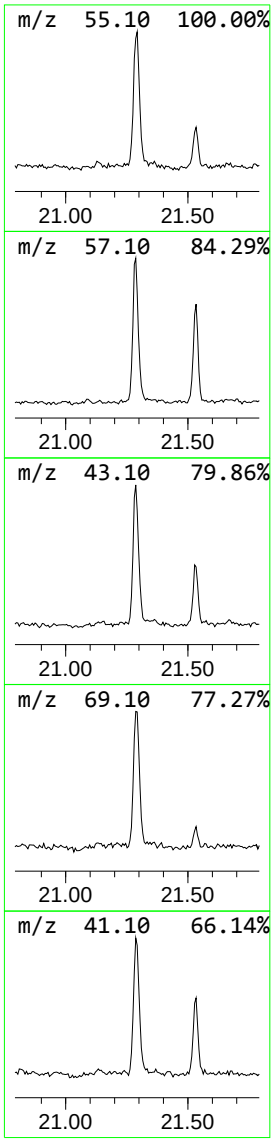
****

Peak Number 7 unknown-02 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.292	6.01 ng/ul	1417120	Chrysene-d12	21.622

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(2Z,4E)-3,7,11-Trimethyl-2,4,10-...	206	C15H26	172549-29-0	49
2	Carbonic acid, but-2-yn-1-yl tet...	310	C19H34O3	1010383-20-9	43
3	Behenic alcohol	326	C22H46O	000661-19-8	35
4	Heptacos-1-ene	378	C27H54	015306-27-1	35
5	1-Hexacosanol	382	C26H54O	000506-52-5	35





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070524\
Data File : BP020803.D
Acq On : 06 Jul 2024 01:56
Operator : MA/JU
Sample : P2964-05
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4B52

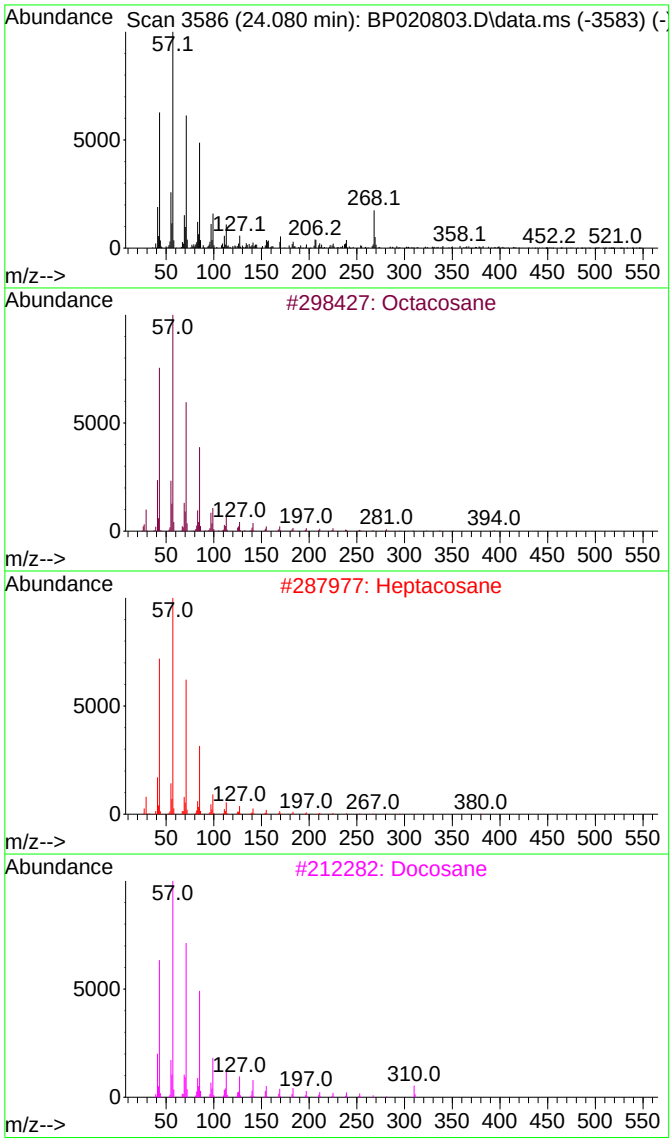
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062524.MA.M
Quant Title : SVOA CALIBRATION

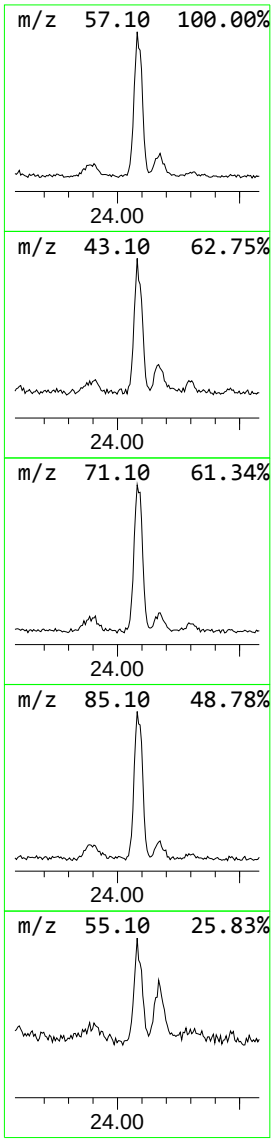
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.080	3.86 ng/ul	528538	Perylene-d12	24.963

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	94
2	Heptacosane	380	C27H56	000593-49-7	94
3	Docosane	310	C22H46	000629-97-0	90
4	Nonadecane	268	C19H40	000629-92-5	87
5	Heptacosane	380	C27H56	000593-49-7	87





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070524\
Data File : BP020803.D
Acq On : 06 Jul 2024 01:56
Operator : MA/JU
Sample : P2964-05
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4B52

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062524.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
Isopropyl Alcohol	3.534	2.5	ng/ul	146954	1	7.728	1153980	20.0
unknown-01	4.887	3.3	ng/ul	189889	1	7.728	1153980	20.0
1-Phenoxypropan...	11.246	2.9	ng/ul	248609	2	10.493	1715610	20.0
n-Hexadecanoic ...	18.098	9.4	ng/ul	1367800	4	17.169	2898720	20.0
4H-Cyclopenta[d...	18.269	2.9	ng/ul	425285	4	17.169	2898720	20.0
Octadecanoic acid	19.428	2.5	ng/ul	589330	5	21.622	4714590	20.0
unknown-02	21.292	6.0	ng/ul	1417120	5	21.622	4714590	20.0
(DEL) Alkane: S...	24.080	3.9	ng/ul	528538	6	24.963	2739820	20.0