LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM022624\
Data File : BM044352.D
Acq On : 27 Feb 2024 03:52
Operator : MA/JU
Sample : P1442-22
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BH9W4

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_M\Methods\SFAM-EPA-BM022324.MA.M
Title : SVOA CALIBRATION

Signal : TIC: BM044352.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.363	43	47	54	rVB	67879	90493	1.75%	0.163%
2	3.646	92	95	104	rBV	87972	131882	2.55%	0.238%
3	3.781	115	118	137	rBV	293612	484884	9.36%	0.875%
4	4.099	169	172	178	rVB2	16004	23625	0.46%	0.043%
5	5.051	332	334	342	rVB5	7111	11805	0.23%	0.021%
6	6.022	495	499	508	rVB3	9619	18933	0.37%	0.034%
7	7.098	675	682	694	rBV	934497	1529488	29.52%	2.760%
8	7.275	706	712	725	rBV	831021	1317400	25.43%	2.377%
9	7.457	736	743	750	rBV	979004	1514652	29.24%	2.733%
10	7.634	771	773	779	rVB6	5124	6991	0.13%	0.013%
11	7.934	817	824	832	rVB	662093	1046795	20.21%	1.889%
12	7.998	832	835	838	rBV4	6329	10663	0.21%	0.019%
13	8.645	937	945	956	rBV	1159151	1849267	35.70%	3.337%
14	9.104	1015	1023	1031	rBV	882994	1460300	28.19%	2.635%
15	9.269	1047	1051	1057	rVB7	9313	16598	0.32%	0.030%
16	9.498	1084	1090	1095	rBV3	8614	14267	0.28%	0.026%
17	9.686	1116	1122	1130	rBV3	40156	73606	1.42%	0.133%
18	9.822	1138	1145	1158	rBV	697247	1170717	22.60%	2.113%
19	10.357	1229	1236	1246	rBV	1045847	1795152	34.65%	3.239%
20	10.739	1293	1301	1312	rVB	907214	1537720	29.68%	2.775%
21	10.886	1315	1326	1340	rBV	1030086	1857772	35.86%	3.352%
22	11.316	1395	1399	1404	rVV8	9138	15191	0.29%	0.027%
23	11.498	1423	1430	1437	rBV	81904	166491	3.21%	0.300%
24	12.169	1538	1544	1551	rVB	4616	10193	0.20%	0.018%
25	12.280	1561	1563	1567	rBV4	3882	6149	0.12%	0.011%
26	12.327	1567	1571	1577	rVB	20778	33764	0.65%	0.061%
27	12.539	1603	1607	1612	rBV7	4160	6953	0.13%	0.013%
28	13.192	1716	1718	1725	rVB8	4002	7783	0.15%	0.014%
29	13.404	1748	1754	1756	rBV6	6491	8303	0.16%	0.015%
30	13.480	1761	1767	1773	rVV4	19257	30955	0.60%	0.056%
31	13.551	1775	1779	1782	rVV6	5132	5709	0.11%	0.010%
32	13.998	1847	1855	1869	rBV	1946231	2666813	51.48%	4.812%
33	14.269	1890	1901	1912	rBV	2289327	3370128	65.05%	6.081%
34	14.480	1933	1937	1940	rBV5	5168	7871	0.15%	0.014%
35	14.574	1946	1953	1961	rBV	1367770	1988432	38.38%	3.588%
36	14.692	1970	1973	1978	rVB7	4635	6672	0.13%	0.012%

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Misc :
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Instrument :
BNA_M
ClientSampleId :
BH9W4

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_M\Methods\SFAM-EPA-BM022324.MA.M
Title : SVOA CALIBRATION

37	14.780	1978	1988	2011	rBV	573600	1339391	25.85%	2.417%
38	14.992	2022	2024	2033	rVB9	10224	21947	0.42%	0.040%
39	15.374	2087	2089	2093	rBV4	4165	6121	0.12%	0.011%
40	15.427	2096	2098	2104	rVB7	3756	5552	0.11%	0.010%
41	15.568	2114	2122	2135	rBV	2941145	4160682	80.31%	7.508%
42	15.692	2137	2143	2155	rVV	840716	1184987	22.87%	2.138%
43	15.810	2159	2163	2167	rVB5	12997	18663	0.36%	0.034%
44	16.139	2214	2219	2223	rBV8	5460	10823	0.21%	0.020%
45	16.298	2243	2246	2251	rVB4	6085	8398	0.16%	0.015%
46	16.351	2251	2255	2260	rVB6	9023	15168	0.29%	0.027%
47	16.474	2273	2276	2282	rVB8	5037	8605	0.17%	0.016%
48	16.733	2316	2320	2324	rBV6	6475	10851	0.21%	0.020%
49	16.810	2327	2333	2335	rBV7	4785	8771	0.17%	0.016%
50	17.092	2379	2381	2384	rBV3	5761	7874	0.15%	0.014%
51	17.262	2406	2410	2413	rVB5	5511	5482	0.11%	0.010%
52	17.327	2413	2421	2430	rBV	1587297	2359994	45.55%	4.259%
53	17.421	2430	2437	2448	rBV2	3014009	4440045	85.70%	8.012%
54	17.721	2484	2488	2492	rBV7	10211	15967	0.31%	0.029%
55	17.839	2504	2508	2511	rBV5	6520	9536	0.18%	0.017%
56	18.015	2534	2538	2542	rVB2	18700	24272	0.47%	0.044%
57	18.115	2551	2555	2557	rBV5	4830	7311	0.14%	0.013%
58	18.239	2570	2576	2586	rBV	416474	632995	12.22%	1.142%
59	18.533	2623	2626	2631	rBV6	5422	8162	0.16%	0.015%
60	18.668	2646	2649	2652	rVB3	16072	17725	0.34%	0.032%
61	18.909	2686	2690	2695	rBV7	6879	10630	0.21%	0.019%
62	19.168	2732	2734	2736	rVB3	6860	5296	0.10%	0.010%
63	19.286	2749	2754	2760	rBV	43516	61000	1.18%	0.110%
64	19.356	2762	2766	2771	rVV	39535	64955	1.25%	0.117%
65	19.398	2771	2773	2778	rVB5	15917	18931	0.37%	0.034%
66	19.515	2789	2793	2801	rBV	155429	222445	4.29%	0.401%
67	19.674	2817	2820	2822	rBV3	14252	14720	0.28%	0.027%
68	19.721	2822	2828	2836	rVV	3918203	5180703	100.00%	9.349%
69	19.786	2837	2839	2843	rVB3	13930	16607	0.32%	0.030%
70	20.286	2921	2924	2929	rVB2	31616	37652	0.73%	0.068%
71	20.786	3006	3009	3013	rBV3	44878	48493	0.94%	0.088%
72	21.250	3084	3088	3099	rBV	401435	668853	12.91%	1.207%
73	21.521	3129	3134	3141	rBV2	1872045	2511846	48.48%	4.533%
74	21.703	3162	3165	3170	rBV2	72933	82391	1.59%	0.149%
75	22.174	3242	3245	3252	rBV3	71101	117797	2.27%	0.213%
76	23.780	3510	3518	3531	rBV2	2502227	5099176	98.43%	9.201%

LSC Area Percent Report

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Sample : P1442-22
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
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ClientSampleId :
BH9W4

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

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Title : SVOA CALIBRATION

77	23.933	3538	3544	3557	rVB	1265587	2631651	50.80%	4.749%

Sum of corrected areas: 55416885

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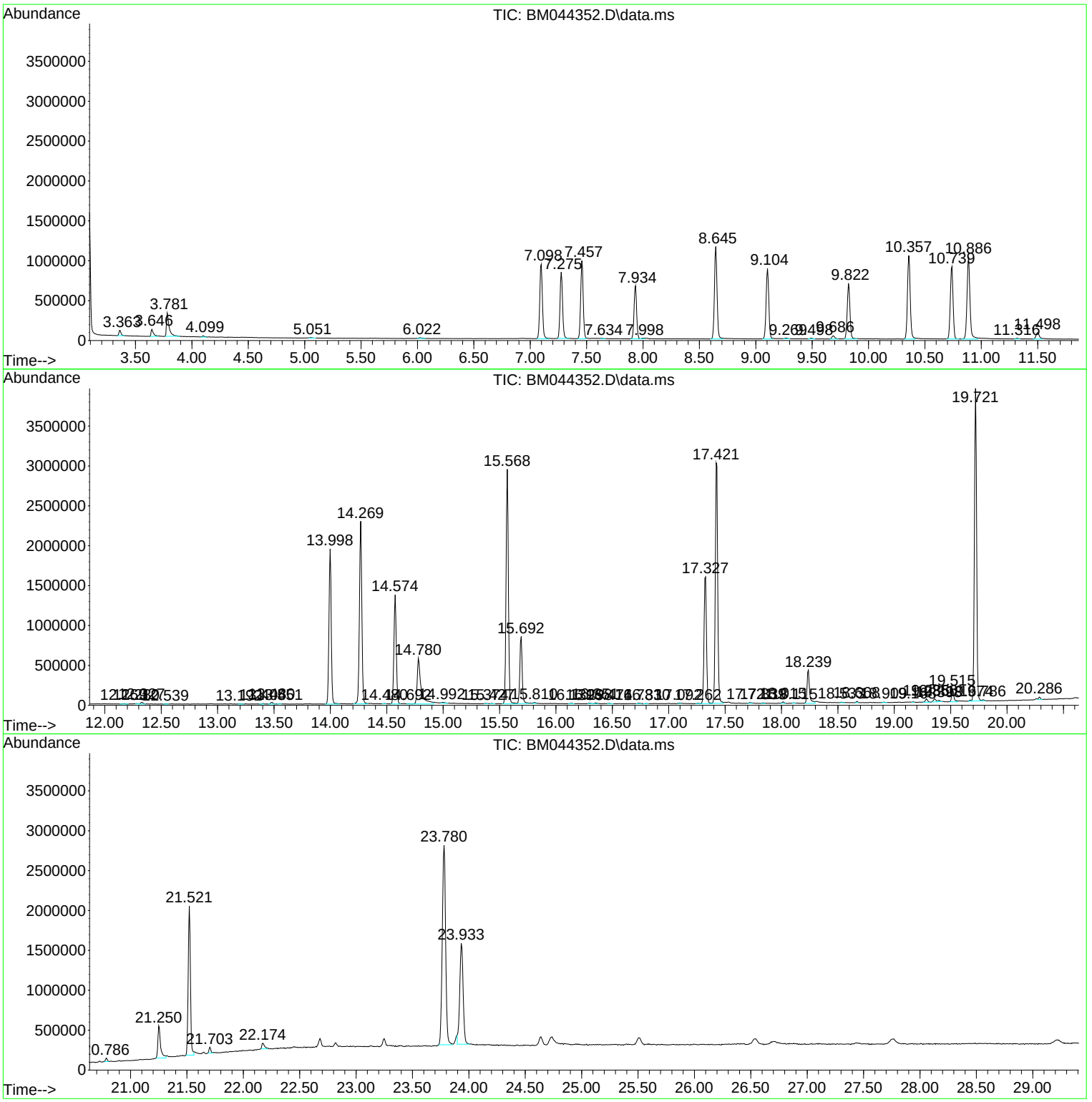
Sample : P1442-22
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BH9W4

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM022324.MA.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM022624\
Data File : BM044352.D
Acq On : 27 Feb 2024 03:52
Operator : MA/JU
Sample : P1442-22
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Instrument :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM022324.MA.M
Quant Title : SVOA CALIBRATION

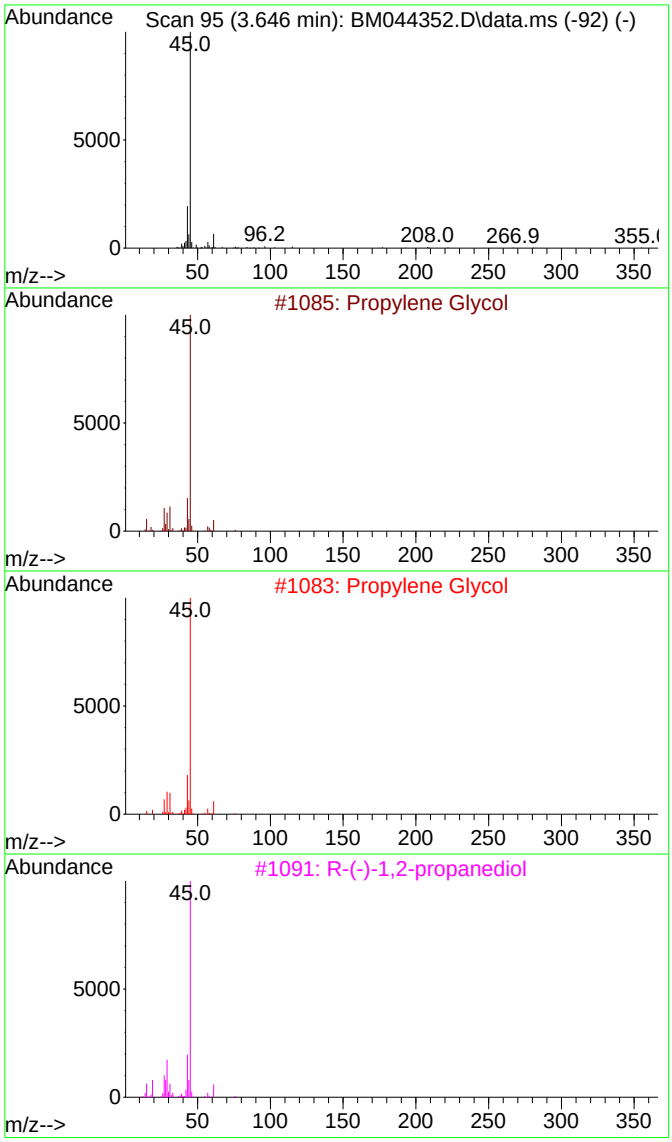
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

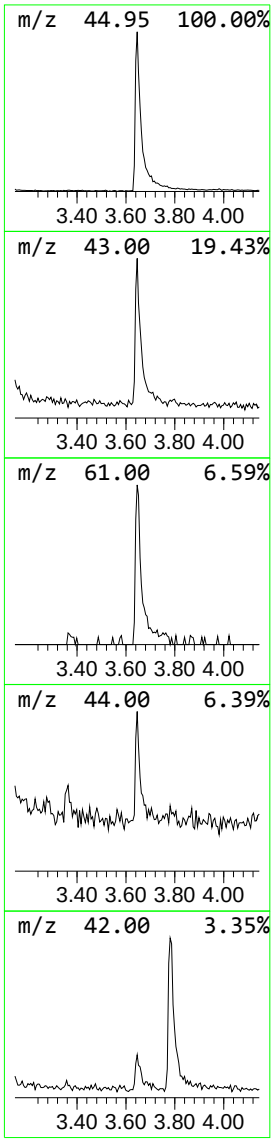
****

Peak Number 1 Propylene Glycol Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.646	2.52 ng/ul	131882	1,4-Dichlorobenzene-d4	7.934

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propylene Glycol	76	C3H8O2	000057-55-6	72
2	Propylene Glycol	76	C3H8O2	000057-55-6	72
3	R-(-)-1,2-propanediol	76	C3H8O2	004254-14-2	64
4	Propylene Glycol	76	C3H8O2	000057-55-6	56
5	Isopropyl Alcohol	60	C3H8O	000067-63-0	50





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM022624\
Data File : BM044352.D
Acq On : 27 Feb 2024 03:52
Operator : MA/JU
Sample : P1442-22
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BH9W4

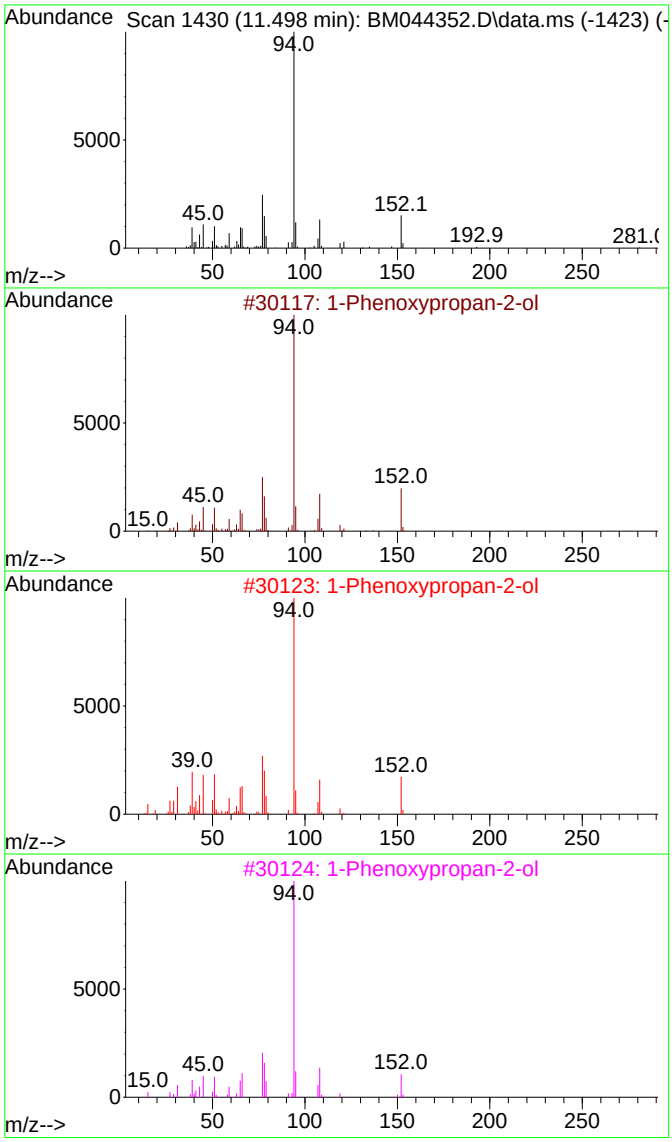
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM022324.MA.M
Quant Title : SVOA CALIBRATION

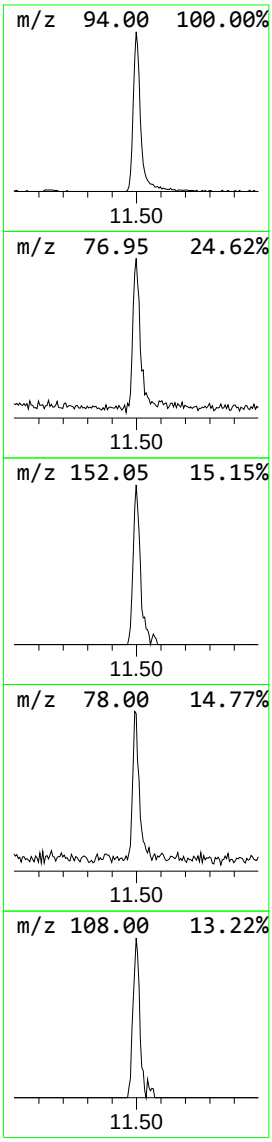
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 1-Phenoxypropan-2-ol Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.498	2.17 ng/ul	166491	Naphthalene-d8	10.739

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-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_M\Data\BM022624\
Data File : BM044352.D
Acq On : 27 Feb 2024 03:52
Operator : MA/JU
Sample : P1442-22
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BH9W4

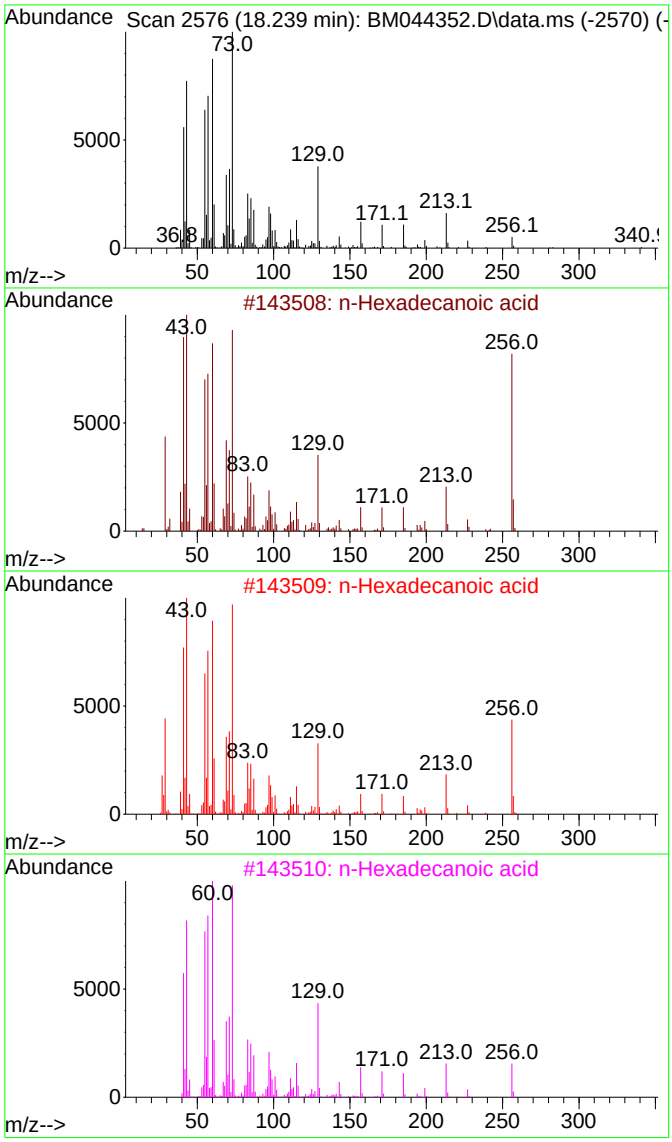
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM022324.MA.M
Quant Title : SVOA CALIBRATION

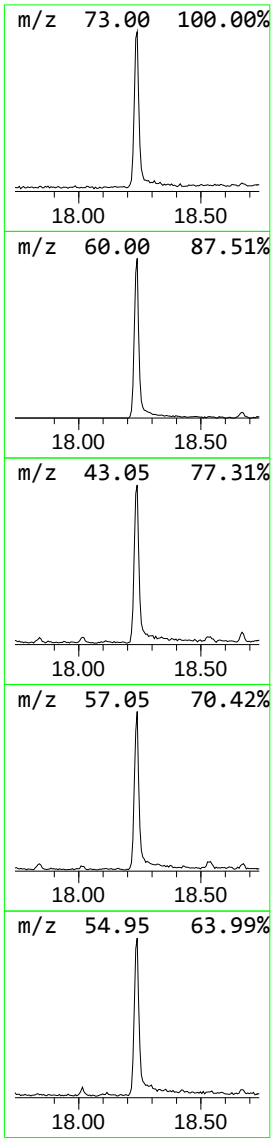
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.239	5.36 ng/ul	632995	Phenanthrene-d10	17.327

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	99
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	93





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ClientSampleId :
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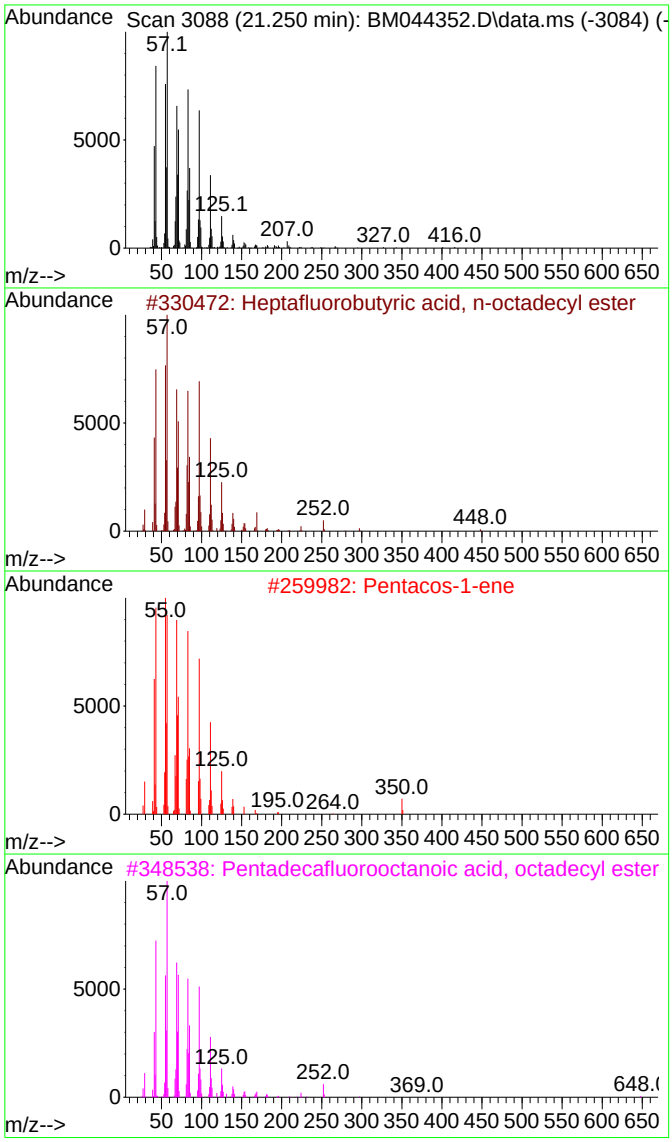
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM022324.MA.M
Quant Title : SVOA CALIBRATION

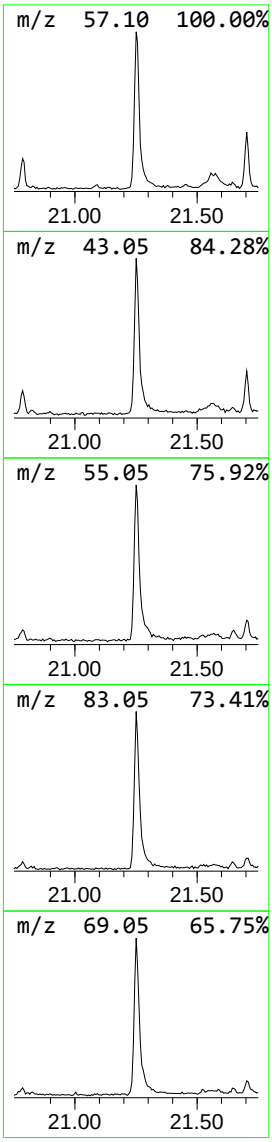
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Heptafluorobutyric acid, n-... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.250	5.33 ng/ul	668853	Chrysene-d12	21.521

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptafluorobutyric acid, n-octad...	466	C22H37F7O2	000400-57-7	94
2	Pentacos-1-ene	350	C25H50	016980-85-1	94
3	Pentadecafluorooctanoic acid, oc...	666	C26H37F15O2	1000406-04-8	94
4	1-Hexacosene	364	C26H52	018835-33-1	94
5	Nonacos-1-ene	406	C29H58	018835-35-3	91





Tentatively Identified Compound (LSC) summary

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM022324.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	3.646	2.5	ng/ul	131882	1	7.934	1046800	20.0
1-Phenoxypropan...	11.498	2.2	ng/ul	166491	2	10.739	1537720	20.0
n-Hexadecanoic ...	18.239	5.4	ng/ul	632995	4	17.327	2359990	20.0
Heptafluorobuty...	21.250	5.3	ng/ul	668853	5	21.521	2511850	20.0