LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM022624\
Data File : BM044338.D
Acq On : 26 Feb 2024 18:44
Operator : MA/JU
Sample : P1442-14
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BH9S0

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: BM044338.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	55	rVB	54346	74775	1.49%	0.140%
2	3.640	92	94	104	rBV	74565	130468	2.59%	0.244%
3	3.775	114	117	134	rBV	677199	1061509	21.11%	1.984%
4	4.099	168	172	176	rVB2	14341	20516	0.41%	0.038%
5	4.334	208	212	216	rVB5	8332	11196	0.22%	0.021%
6	6.022	495	499	505	rBV7	5791	10056	0.20%	0.019%
7	6.922	647	652	655	rBV5	4760	7627	0.15%	0.014%
8	7.093	673	681	693	rBV	816946	1303941	25.93%	2.437%
9	7.269	705	711	724	rBV	702279	1108179	22.03%	2.071%
10	7.457	735	743	753	rBV	768021	1243929	24.73%	2.325%
11	7.928	816	823	830	rBV	691940	1086886	21.61%	2.031%
12	7.998	830	835	837	rBV5	6617	8881	0.18%	0.017%
13	8.639	937	944	957	rBV	942725	1527054	30.36%	2.854%
14	9.098	1013	1022	1031	rBV	754840	1255224	24.96%	2.346%
15	9.263	1045	1050	1052	rBV5	7132	10983	0.22%	0.021%
16	9.492	1083	1089	1092	rBV7	6177	10203	0.20%	0.019%
17	9.681	1115	1121	1132	rVB	38081	68646	1.36%	0.128%
18	9.816	1135	1144	1154	rBV	598857	1018511	20.25%	1.903%
19	10.181	1201	1206	1209	rVB7	2959	5106	0.10%	0.010%
20	10.351	1228	1235	1247	rBV	907451	1559258	31.00%	2.914%
21	10.433	1247	1249	1252	rVB3	4980	5338	0.11%	0.010%
22	10.592	1274	1276	1280	rBV4	3538	5139	0.10%	0.010%
23	10.733	1291	1300	1308	rBV	958987	1619212	32.19%	3.026%
24	10.881	1315	1325	1339	rBV	923557	1676333	33.33%	3.133%
25	11.316	1395	1399	1407	rVB8	8507	18441	0.37%	0.034%
26	11.498	1422	1430	1445	rBV	47005	120186	2.39%	0.225%
27	12.163	1537	1543	1547	rVV6	7048	10852	0.22%	0.020%
28	12.251	1554	1558	1561	rBV5	3564	5033	0.10%	0.009%
29	12.322	1565	1570	1576	rBV	17478	30515	0.61%	0.057%
30	13.404	1749	1754	1760	rVB3	14690	25291	0.50%	0.047%
31	13.474	1760	1766	1773	rBV3	23673	43213	0.86%	0.081%
32	13.551	1773	1779	1783	rVB8	5354	9305	0.19%	0.017%
33	13.992	1848	1854	1868	rBV	1864984	2605441	51.80%	4.869%
34	14.263	1889	1900	1914	rBV	2133831	3183766	63.30%	5.950%
35	14.474	1934	1936	1941	rVB4	6887	7831	0.16%	0.015%
36	14.569	1945	1952	1960	rBV	1411726	2084691	41.45%	3.896%

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Instrument :
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ClientSampleId :
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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	14.674	1968	1970	1975	rVB4	3757	5207	0.10%	0.010%
38	14.780	1979	1988	2009	rBV	556049	1331284	26.47%	2.488%
39	14.992	2021	2024	2025	rBV3	6549	6946	0.14%	0.013%
40	15.433	2093	2099	2101	rVB7	5140	7636	0.15%	0.014%
41	15.563	2113	2121	2135	rBV	2755218	4017600	79.88%	7.508%
42	15.686	2136	2142	2152	rVV	839431	1155825	22.98%	2.160%
43	15.804	2159	2162	2170	rVB5	14386	28854	0.57%	0.054%
44	16.292	2240	2245	2250	rBV8	6308	12716	0.25%	0.024%
45	16.357	2252	2256	2259	rVB5	8305	13350	0.27%	0.025%
46	16.451	2267	2272	2274	rBV4	5240	7302	0.15%	0.014%
47	16.657	2300	2307	2309	rBV5	3693	7406	0.15%	0.014%
48	16.727	2315	2319	2324	rBV7	5343	7536	0.15%	0.014%
49	16.933	2349	2354	2358	rVB5	3591	6147	0.12%	0.011%
50	16.998	2360	2365	2371	rBV10	5516	8192	0.16%	0.015%
51	17.092	2377	2381	2385	rBV6	6629	9317	0.19%	0.017%
52	17.139	2385	2389	2392	rVB6	3795	5423	0.11%	0.010%
53	17.321	2413	2420	2430	rBV	1770077	2447915	48.67%	4.575%
54	17.421	2430	2437	2448	rVV	2947513	4209465	83.69%	7.867%
55	17.527	2452	2455	2459	rVB5	18959	27146	0.54%	0.051%
56	17.721	2485	2488	2496	rVB9	7390	14398	0.29%	0.027%
57	18.009	2533	2537	2542	rVB3	12932	17593	0.35%	0.033%
58	18.233	2570	2575	2586	rBV	423744	626728	12.46%	1.171%
59	18.527	2622	2625	2629	rBV5	8736	12294	0.24%	0.023%
60	18.668	2645	2649	2653	rBV2	25562	32311	0.64%	0.060%
61	18.709	2653	2656	2663	rVB9	7878	13363	0.27%	0.025%
62	18.898	2685	2688	2692	rBV5	8876	13514	0.27%	0.025%
63	19.045	2709	2713	2716	rBV5	6170	8359	0.17%	0.016%
64	19.109	2719	2724	2725	rBV5	7623	11614	0.23%	0.022%
65	19.286	2749	2754	2758	rVB3	38510	56196	1.12%	0.105%
66	19.356	2762	2766	2770	rBV	37693	66250	1.32%	0.124%
67	19.392	2770	2772	2777	rVB5	13704	18357	0.36%	0.034%
68	19.515	2788	2793	2801	rBV	136084	192398	3.83%	0.360%
69	19.668	2816	2819	2822	rBV5	12749	14688	0.29%	0.027%
70	19.721	2822	2828	2836	rVV	3614970	5029611	100.00%	9.399%
71	19.786	2837	2839	2843	rVB3	17164	17791	0.35%	0.033%
72	20.286	2921	2924	2930	rVB2	26071	33278	0.66%	0.062%
73	20.786	3006	3009	3013	rVB3	35538	42069	0.84%	0.079%
74	21.250	3084	3088	3096	rBV	423033	658149	13.09%	1.230%
75	21.521	3129	3134	3145	rBV	1923532	2586155	51.42%	4.833%
76	21.703	3162	3165	3171	rBV3	59100	82505	1.64%	0.154%

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ClientSampleId :
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Integration Parameters: LSCINT.P
Integrator: RTE
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Title : SVOA CALIBRATION

77	23.244	3424	3427	3433	rVB2	85431	118376	2.35%	0.221%
78	23.774	3510	3517	3529	rVB2	2448278	4882516	97.08%	9.124%
79	23.933	3538	3544	3555	rVB	1297387	2673674	53.16%	4.996%

Sum of corrected areas: 53510989

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Sample : P1442-14
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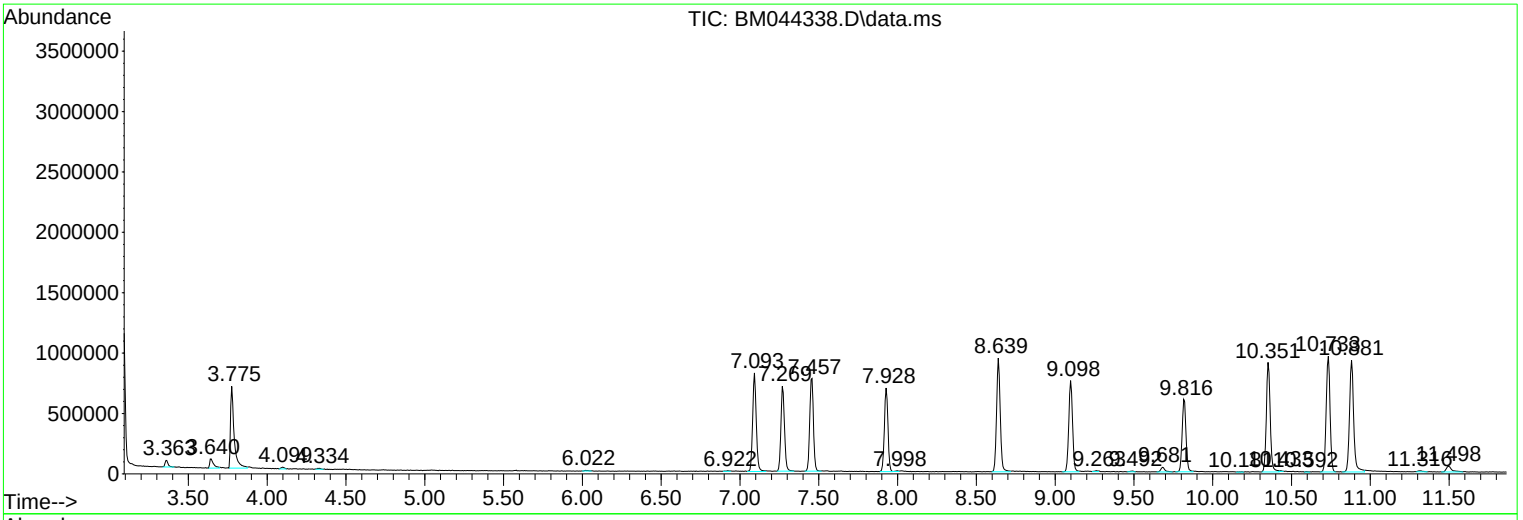
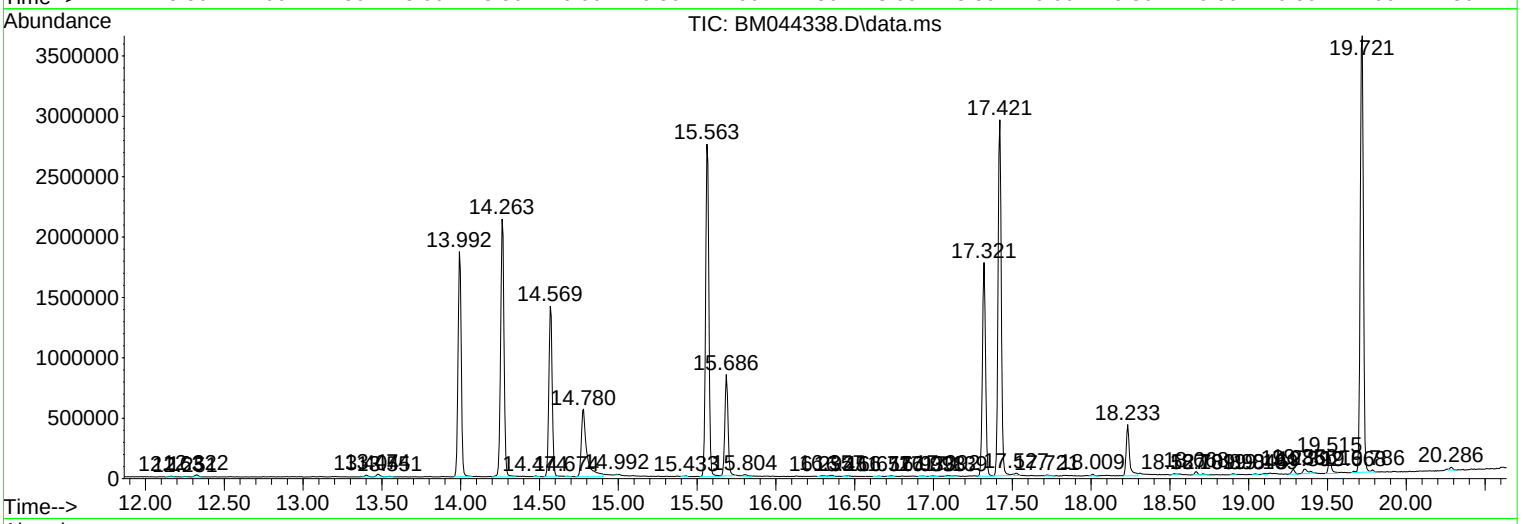
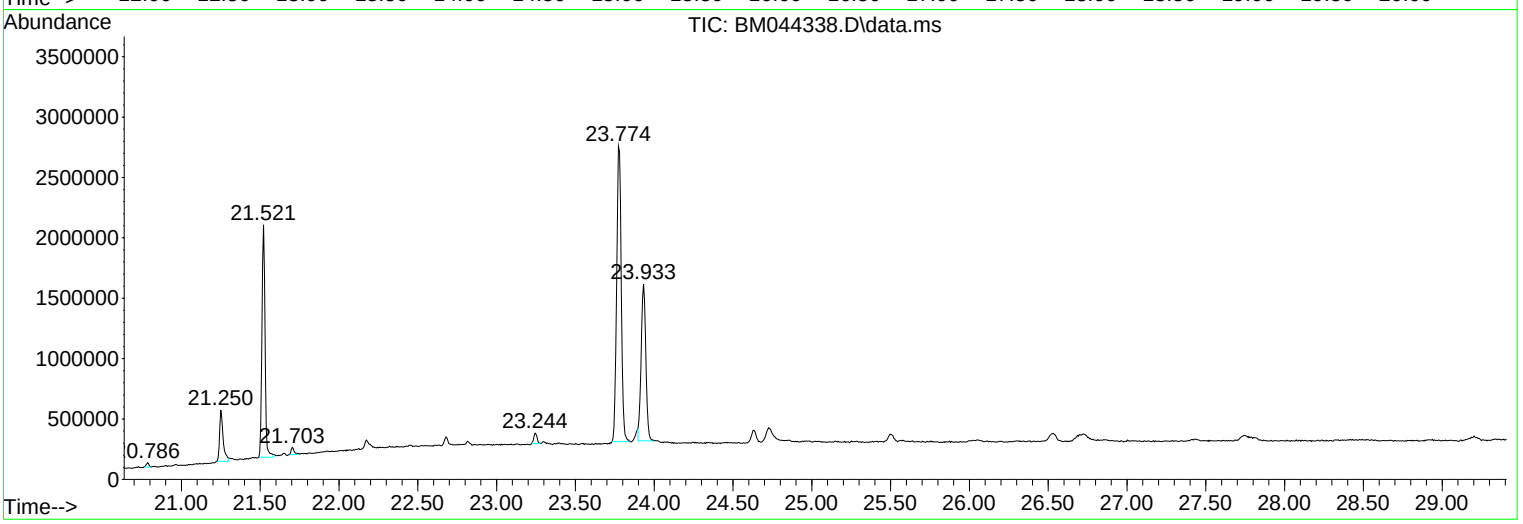
Instrument :
BNA_M
ClientSampleId :
BH9S0

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







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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

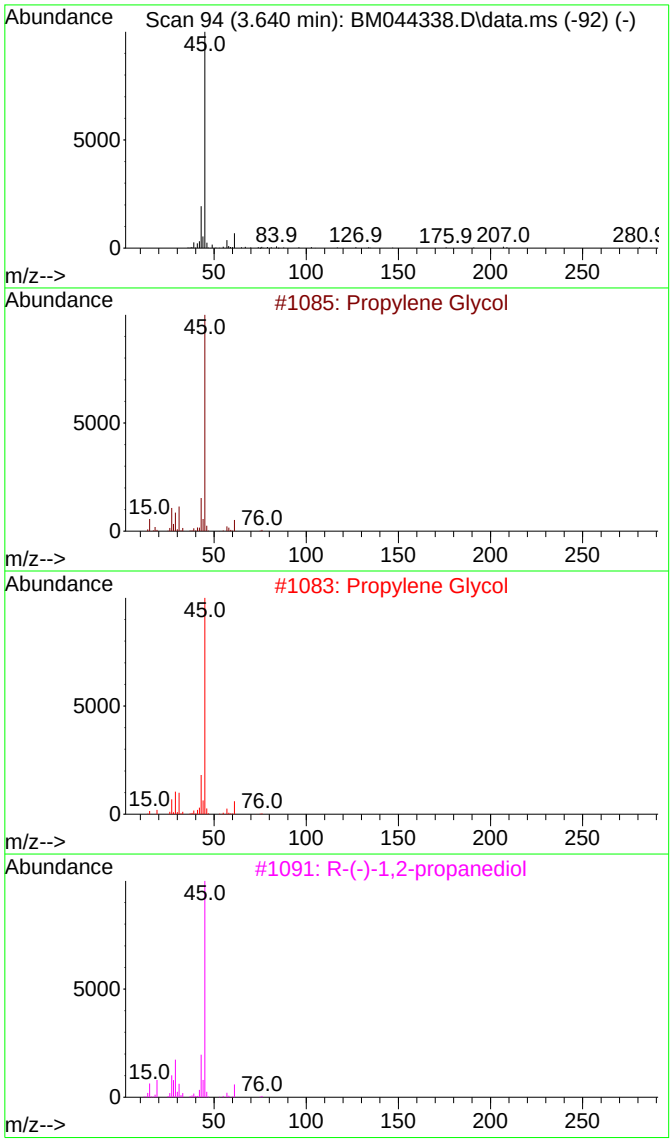
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

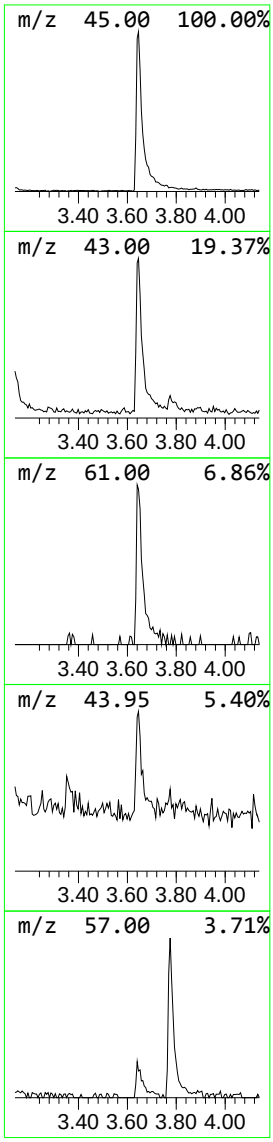
****

Peak Number 1 Propylene Glycol Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.640	2.40 ng/ul	130468	1,4-Dichlorobenzene-d4	7.928

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	72
4	Isopropyl Alcohol	60	C3H8O	000067-63-0	50
5	(S)-(+)-1,2-Propanediol	76	C3H8O2	004254-15-3	10





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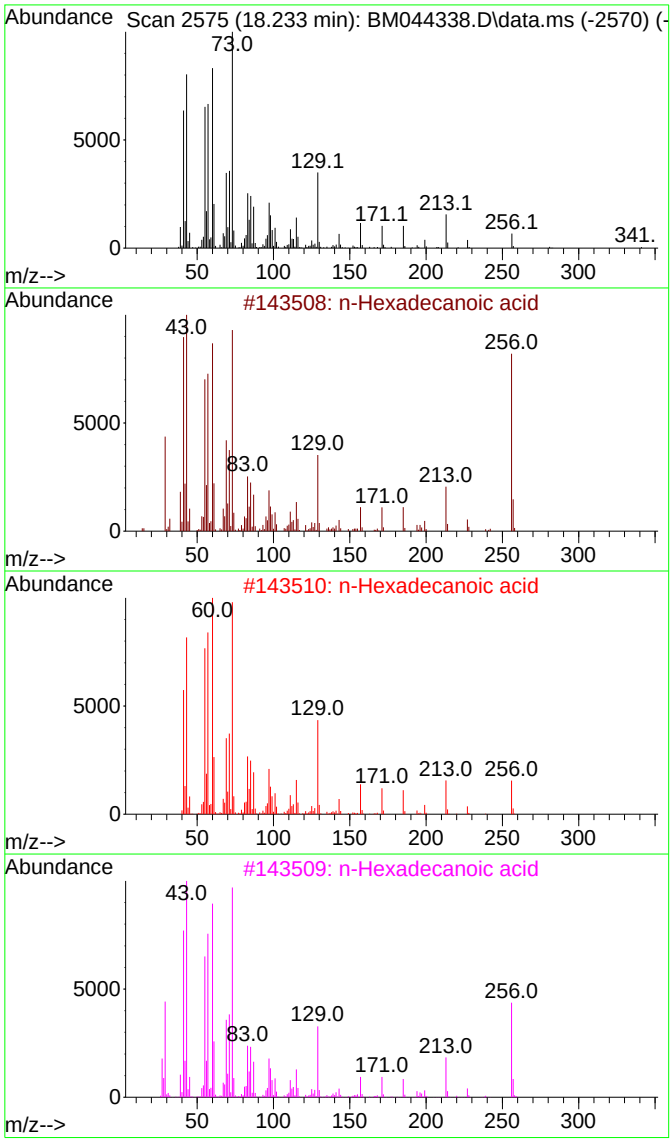
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM022324.MA.M
Quant Title : SVOA CALIBRATION

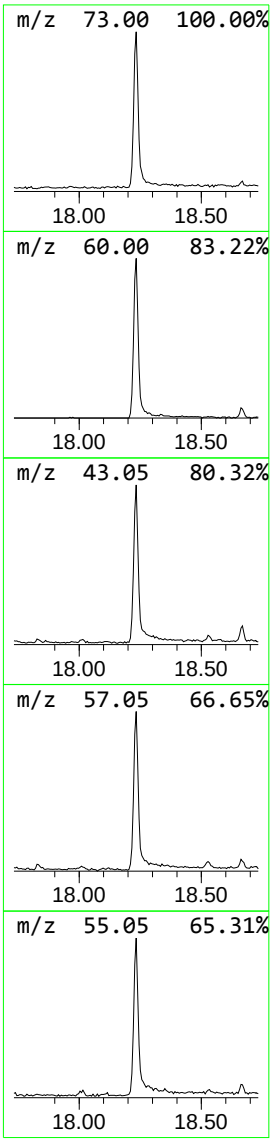
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.233	5.12 ng/ul	626728	Phenanthrene-d10	17.321

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	98
4	Tridecanoic acid	214	C13H26O2	000638-53-9	94
5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	91





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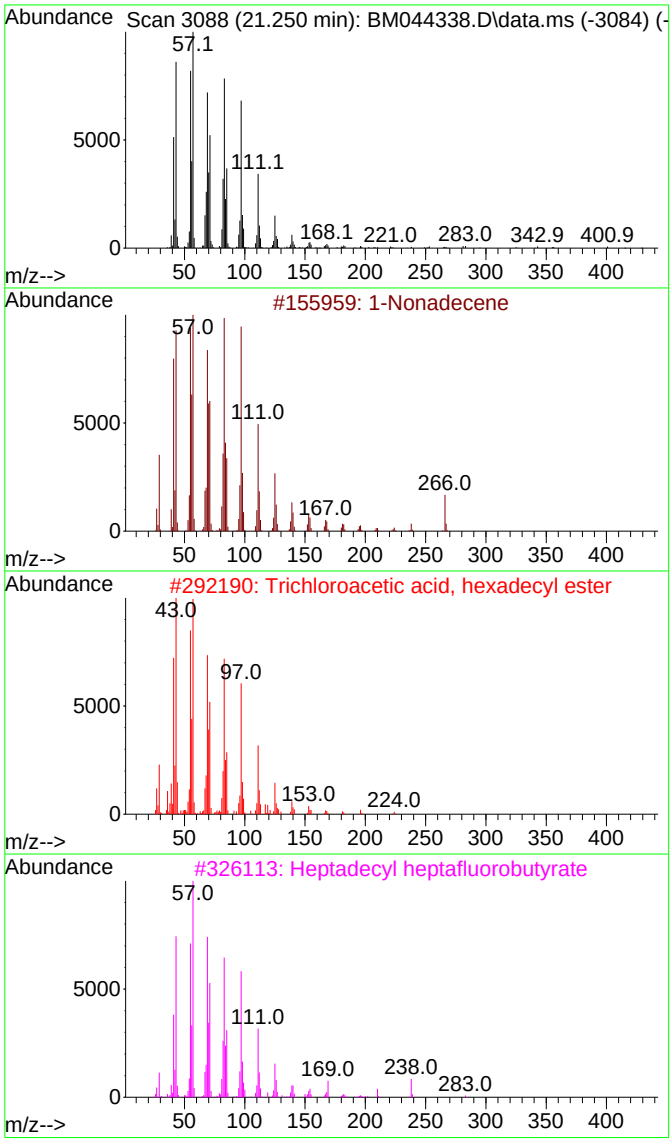
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM022324.MA.M
Quant Title : SVOA CALIBRATION

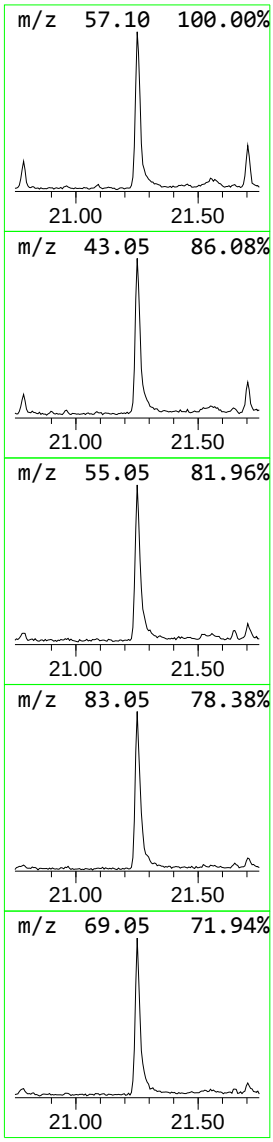
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.250	5.09 ng/ul	658149	Chrysene-d12	21.521

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Nonadecene	266	C19H38	018435-45-5	98
2	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	94
3	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	94
4	1-Hexacosene	364	C26H52	018835-33-1	94
5	Pentacos-1-ene	350	C25H50	016980-85-1	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	3.640	2.4	ng/ul	130468	1	7.928	1086890	20.0
n-Hexadecanoic ...	18.233	5.1	ng/ul	626728	4	17.321	2447920	20.0
(DEL) Alkane: S...	21.250	5.1	ng/ul	658149	5	21.521	2586160	20.0