LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM022624\
Data File : BM044349.D
Acq On : 27 Feb 2024 02:02
Operator : MA/JU
Sample : P1442-19
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BH9R1

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: BM044349.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	53	rBV	68156	85719	1.75%	0.155%
2	3.640	91	94	104	rBV	107166	176378	3.61%	0.319%
3	3.775	114	117	131	rBV	788501	1211869	24.80%	2.190%
4	4.099	169	172	180	rVB3	17121	26675	0.55%	0.048%
5	5.587	421	425	426	rBV4	4105	4912	0.10%	0.009%
6	6.022	495	499	508	rVV4	9420	20133	0.41%	0.036%
7	6.922	649	652	655	rBV4	6546	8604	0.18%	0.016%
8	7.093	674	681	694	rVV	890302	1455985	29.80%	2.631%
9	7.275	705	712	721	rBV	820685	1281113	26.22%	2.315%
10	7.457	735	743	751	rBV	925003	1437674	29.42%	2.598%
11	7.934	816	824	831	rBV	726418	1158533	23.71%	2.093%
12	8.028	837	840	844	rBV4	7781	8061	0.16%	0.015%
13	8.645	938	945	958	rBV	996970	1642446	33.61%	2.968%
14	9.104	1015	1023	1035	rBV	852469	1423337	29.13%	2.572%
15	9.269	1047	1051	1056	rVB6	9361	14830	0.30%	0.027%
16	9.498	1085	1090	1096	rVB3	8554	17185	0.35%	0.031%
17	9.687	1116	1122	1129	rBV2	40357	71732	1.47%	0.130%
18	9.822	1136	1145	1160	rBV	688272	1141983	23.37%	2.063%
19	10.357	1228	1236	1247	rBV	1004410	1726437	35.33%	3.120%
20	10.428	1247	1248	1258	rVB9	9034	14612	0.30%	0.026%
21	10.734	1291	1300	1308	rBV	992752	1692537	34.64%	3.058%
22	10.886	1315	1326	1342	rBV	968548	1812141	37.09%	3.274%
23	11.316	1395	1399	1405	rBV9	8927	14238	0.29%	0.026%
24	11.498	1422	1430	1447	rBV	74467	168731	3.45%	0.305%
25	12.163	1539	1543	1551	rBV9	3841	8507	0.17%	0.015%
26	12.251	1555	1558	1562	rVV6	3848	6419	0.13%	0.012%
27	12.328	1565	1571	1578	rBV	20609	37465	0.77%	0.068%
28	13.404	1749	1754	1759	rBV7	5958	10490	0.21%	0.019%
29	13.480	1761	1767	1774	rVV2	21392	35996	0.74%	0.065%
30	13.545	1776	1778	1784	rBV6	5557	8291	0.17%	0.015%
31	13.998	1848	1855	1864	rBV	1846170	2538108	51.94%	4.586%
32	14.269	1890	1901	1915	rBV	2148087	3258357	66.68%	5.888%
33	14.398	1920	1923	1928	rVB6	2986	5173	0.11%	0.009%
34	14.480	1934	1937	1941	rVB6	6249	10163	0.21%	0.018%
35	14.574	1946	1953	1961	rVV	1468531	2159055	44.18%	3.901%
36	14.780	1980	1988	2008	rBV	549007	1243659	25.45%	2.247%

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

37	15.004	2021	2026	2035	rVB7	12175	29068	0.59%	0.053%
38	15.374	2085	2089	2093	rBV5	3985	6892	0.14%	0.012%
39	15.439	2095	2100	2103	rVB6	5823	8773	0.18%	0.016%
40	15.568	2114	2122	2135	rBV	2781394	3971615	81.28%	7.176%
41	15.692	2136	2143	2159	rVV	779229	1128625	23.10%	2.039%
42	15.810	2159	2163	2168	rVB6	11882	20447	0.42%	0.037%
43	15.945	2183	2186	2190	rBV6	3762	5426	0.11%	0.010%
44	16.133	2213	2218	2225	rVB10	6359	14207	0.29%	0.026%
45	16.192	2225	2228	2232	rBV7	4114	6847	0.14%	0.012%
46	16.298	2242	2246	2248	rBV4	7733	8764	0.18%	0.016%
47	16.351	2253	2255	2261	rVB5	8948	11804	0.24%	0.021%
48	16.733	2316	2320	2327	rVB6	11135	17115	0.35%	0.031%
49	16.957	2351	2358	2360	rBV8	2695	5508	0.11%	0.010%
50	17.098	2378	2382	2387	rBV7	8282	13825	0.28%	0.025%
51	17.327	2413	2421	2430	rBV	1719706	2541825	52.02%	4.593%
52	17.421	2431	2437	2448	rBV	2781970	4173164	85.40%	7.541%
53	17.510	2449	2452	2454	rBV3	6963	7635	0.16%	0.014%
54	17.621	2469	2471	2476	rVB6	6280	7529	0.15%	0.014%
55	17.727	2485	2489	2496	rVB9	9468	15529	0.32%	0.028%
56	17.833	2504	2507	2513	rBV7	8214	14947	0.31%	0.027%
57	18.015	2534	2538	2543	rVB4	12316	18017	0.37%	0.033%
58	18.104	2550	2553	2558	rVB7	6869	9290	0.19%	0.017%
59	18.239	2570	2576	2586	rBV	394607	603264	12.35%	1.090%
60	18.533	2623	2626	2629	rBV5	7506	9633	0.20%	0.017%
61	18.668	2645	2649	2655	rBV6	24147	34208	0.70%	0.062%
62	18.721	2655	2658	2662	rVV5	5206	7157	0.15%	0.013%
63	18.786	2665	2669	2672	rBV6	4948	9022	0.18%	0.016%
64	18.904	2686	2689	2695	rVB8	7846	10534	0.22%	0.019%
65	19.109	2720	2724	2726	rBV4	5269	7094	0.15%	0.013%
66	19.286	2749	2754	2759	rBV2	37744	55547	1.14%	0.100%
67	19.356	2762	2766	2770	rVV2	36055	61444	1.26%	0.111%
68	19.398	2770	2773	2781	rVB8	23327	44205	0.90%	0.080%
69	19.515	2789	2793	2800	rBV	141265	197482	4.04%	0.357%
70	19.668	2816	2819	2821	rBV4	13523	14965	0.31%	0.027%
71	19.721	2822	2828	2836	rVV	3597151	4886411	100.00%	8.829%
72	20.286	2921	2924	2928	rVB2	32571	33949	0.69%	0.061%
73	20.786	3006	3009	3012	rVB2	47821	51521	1.05%	0.093%
74	21.250	3083	3088	3099	rBV	417618	701695	14.36%	1.268%
75	21.521	3129	3134	3149	rBV	2010769	2760593	56.50%	4.988%
76	21.703	3162	3165	3171	rVB2	73516	81641	1.67%	0.148%

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Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
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Title : SVOA CALIBRATION

77	22.168	3242	3244	3253	rVB3	66094	113934	2.33%	0.206%
78	23.780	3510	3518	3530	rBV2	2453921	4858121	99.42%	8.778%
79	23.933	3538	3544	3557	rVB	1376645	2825628	57.83%	5.106%

Sum of corrected areas: 55342448

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Sample : P1442-19
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Instrument :
BNA_M
ClientSampleId :
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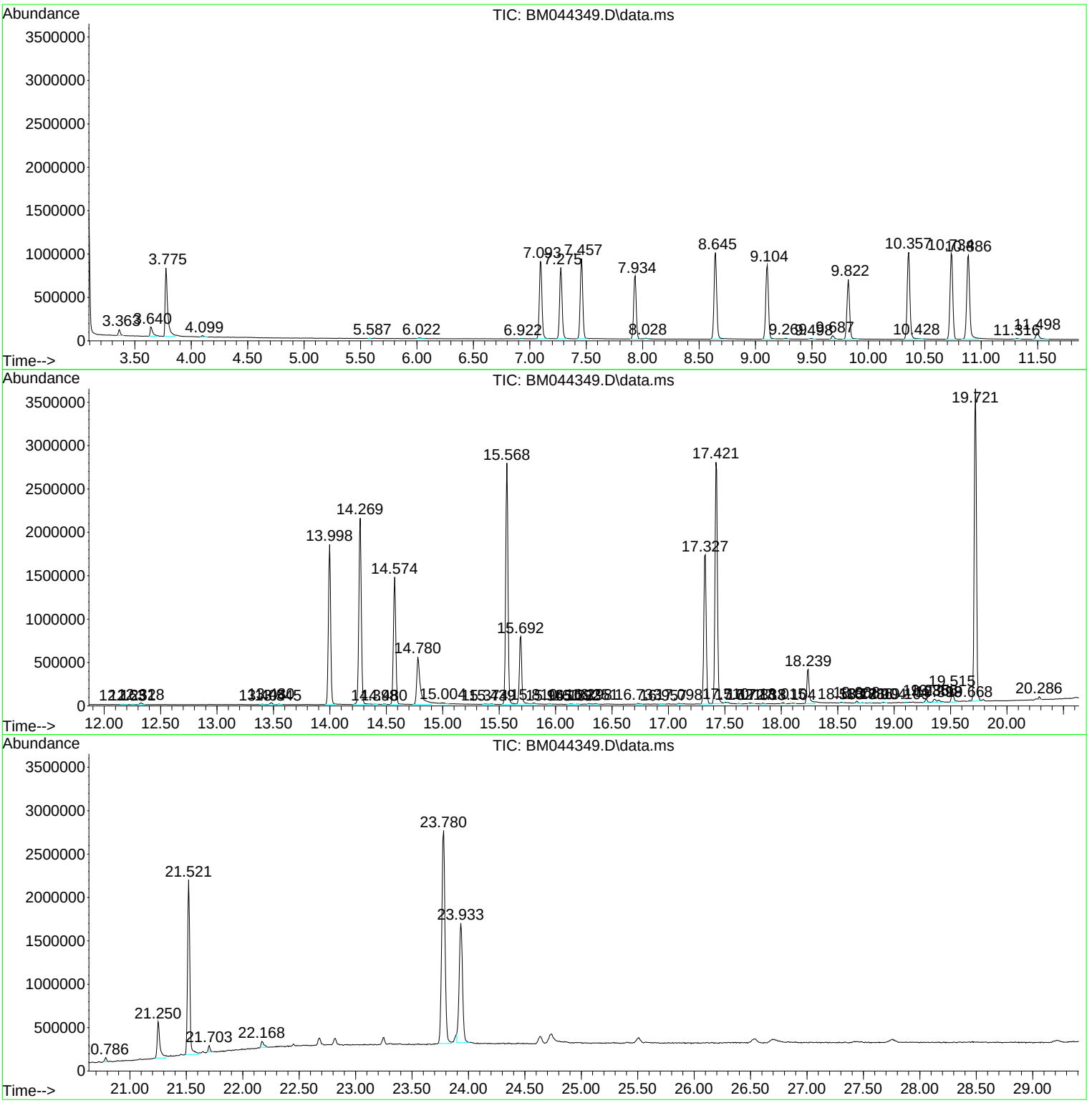
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM022324.MA.M
Quant Title : SVOA CALIBRATION

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



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

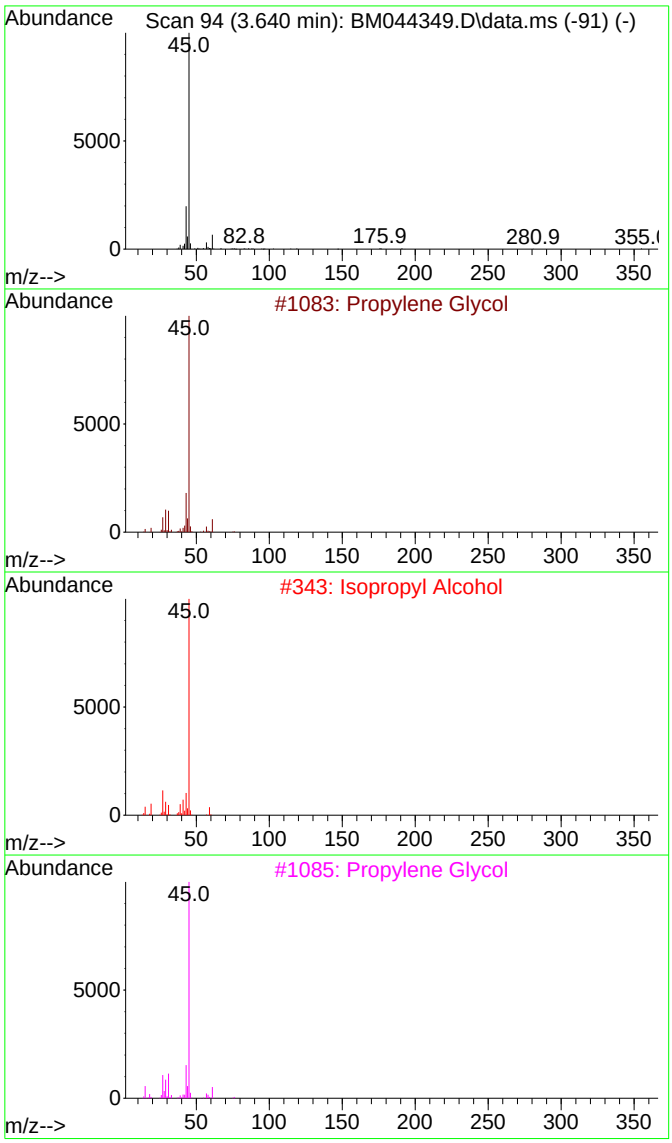
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

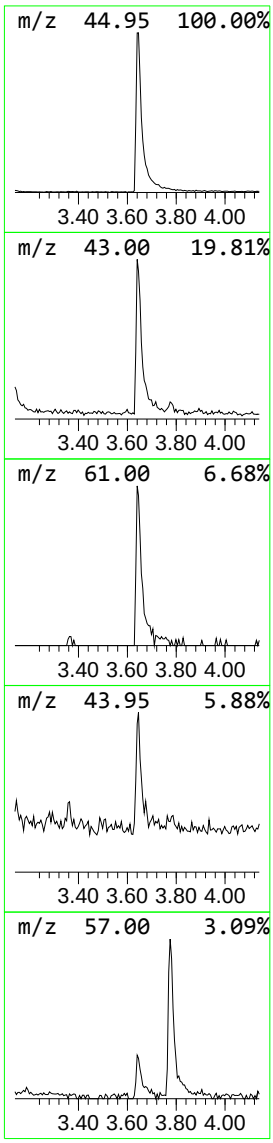
****

Peak Number 1 Propylene Glycol Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.640	3.04 ng/ul	176378	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	Isopropyl Alcohol	60	C3H8O	000067-63-0	9
3	Propylene Glycol	76	C3H8O2	000057-55-6	9
4	Isopropyl Alcohol	60	C3H8O	000067-63-0	9
5	(S)-(+)-1,2-Propanediol	76	C3H8O2	004254-15-3	9





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Sample : P1442-19
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BH9R1

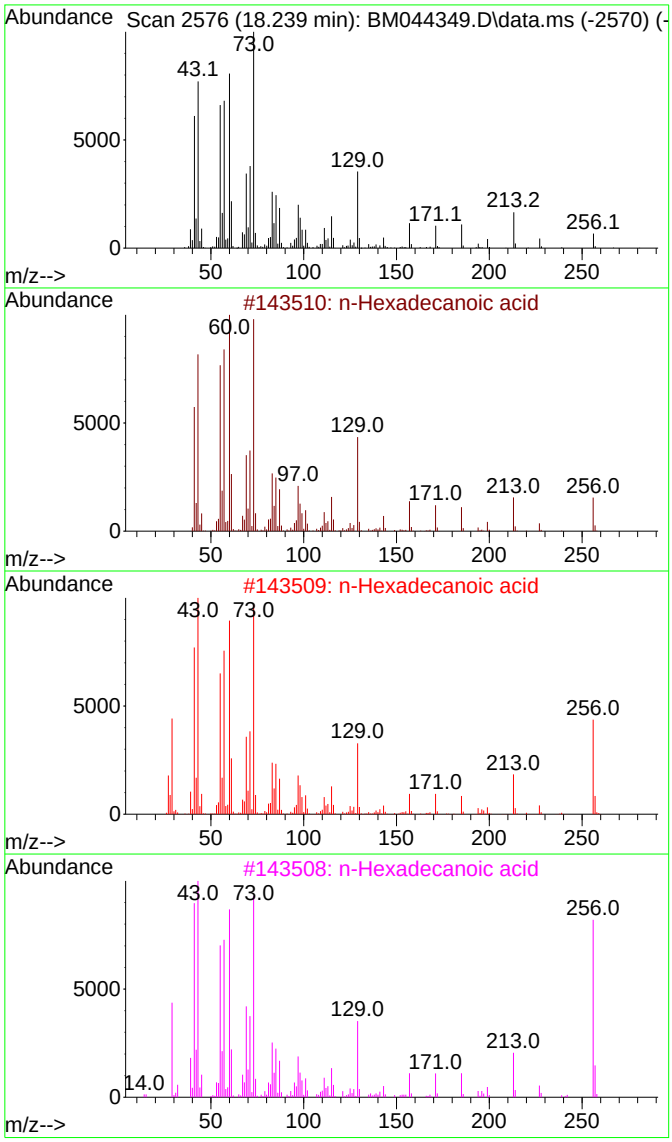
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM022324.MA.M
Quant Title : SVOA CALIBRATION

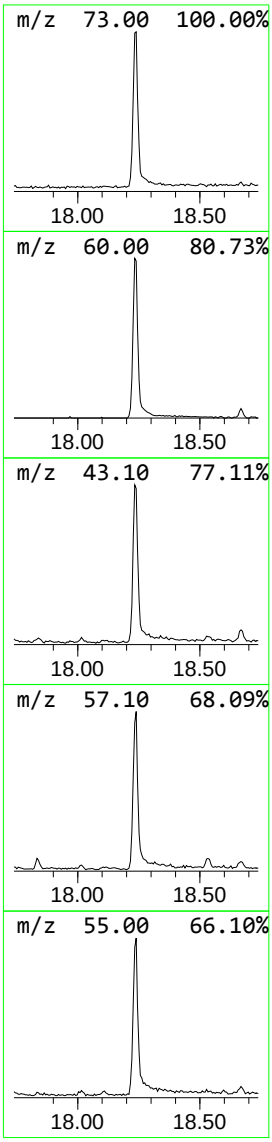
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.239	4.75 ng/ul	603264	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	Tetradecanoic acid	228	C14H28O2	000544-63-8	93
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	90





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Sample : P1442-19
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BH9R1

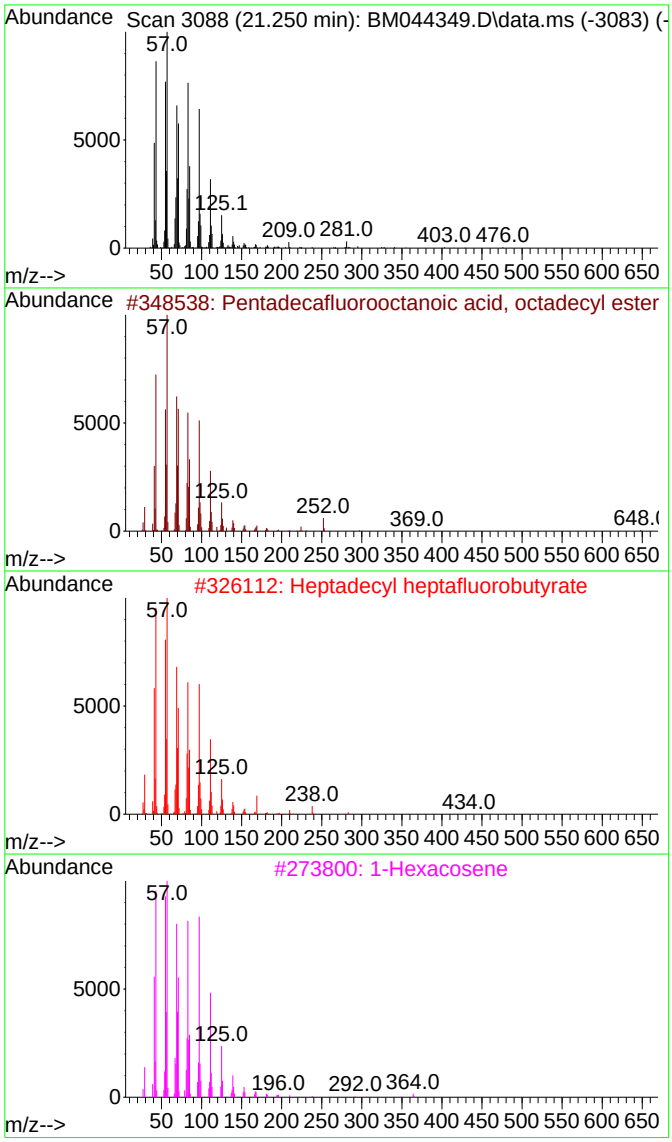
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM022324.MA.M
Quant Title : SVOA CALIBRATION

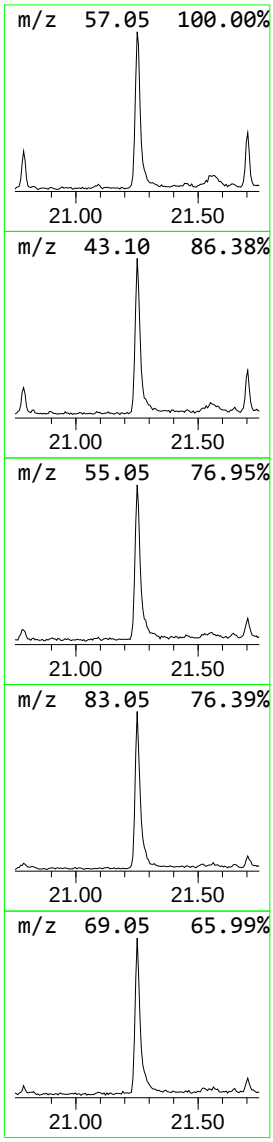
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Pentadecafluorooctanoic aci... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.250	5.08 ng/ul	701695	Chrysene-d12	21.521

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecafluorooctanoic acid, oc...	666	C26H37F15O2	1000406-04-8	94
2	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	94
3	1-Hexacosene	364	C26H52	018835-33-1	94
4	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	94
5	1-Heneicosanol	312	C21H44O	015594-90-8	93





Tentatively Identified Compound (LSC) summary

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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	3.0	ng/ul	176378	1	7.934	1158530	20.0
n-Hexadecanoic ...	18.239	4.8	ng/ul	603264	4	17.327	2541830	20.0
Pentadecafluoro...	21.250	5.1	ng/ul	701695	5	21.521	2760590	20.0