LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM022624\
Data File : BM044334.D
Acq On : 26 Feb 2024 16:18
Operator : MA/JU
Sample : P1442-23
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BH9W5

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: BM044334.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.357	42	46	57	rVB	92237	133551	2.13%	0.208%
2	3.640	92	94	103	rBV	87944	137673	2.20%	0.215%
3	3.781	114	118	132	rBV	227334	377901	6.04%	0.589%
4	4.093	169	171	180	rVB3	12974	19686	0.31%	0.031%
5	6.016	493	498	504	rBV	13252	24096	0.38%	0.038%
6	6.916	649	651	657	rVB7	3817	6297	0.10%	0.010%
7	7.092	674	681	694	rBV	1194383	1915862	30.61%	2.987%
8	7.269	704	711	724	rBV	1041055	1636200	26.14%	2.551%
9	7.451	734	742	750	rBV	1189193	1877464	29.99%	2.928%
10	7.928	814	823	830	rBV	613645	963108	15.39%	1.502%
11	8.022	836	839	844	rVB3	8421	13351	0.21%	0.021%
12	8.639	936	944	957	rBV	1447946	2344808	37.46%	3.656%
13	9.098	1014	1022	1034	rBV	1096149	1826859	29.19%	2.849%
14	9.263	1045	1050	1055	rVB9	12041	21291	0.34%	0.033%
15	9.486	1081	1088	1093	rBV3	13311	23477	0.38%	0.037%
16	9.680	1115	1121	1132	rBV	52481	93351	1.49%	0.146%
17	9.816	1136	1144	1154	rBV	895698	1477434	23.60%	2.304%
18	10.351	1227	1235	1247	rBV	1318477	2245984	35.88%	3.502%
19	10.733	1291	1300	1307	rBV	843872	1433465	22.90%	2.235%
20	10.880	1314	1325	1345	rBV	1270673	2328523	37.20%	3.631%
21	11.304	1394	1397	1405	rBV9	9907	20797	0.33%	0.032%
22	11.492	1421	1429	1436	rBV	98174	200187	3.20%	0.312%
23	12.163	1539	1543	1547	rVB5	4300	6970	0.11%	0.011%
24	12.280	1558	1563	1565	rVV5	9516	15562	0.25%	0.024%
25	12.321	1565	1570	1578	rVB2	26451	44308	0.71%	0.069%
26	12.933	1669	1674	1677	rVB7	4390	6847	0.11%	0.011%
27	13.198	1711	1719	1723	rBV9	4884	11078	0.18%	0.017%
28	13.398	1749	1753	1760	rVB6	8470	13532	0.22%	0.021%
29	13.474	1760	1766	1773	rBV2	24291	41924	0.67%	0.065%
30	13.539	1775	1777	1782	rVB5	4453	7027	0.11%	0.011%
31	13.992	1846	1854	1862	rBV	2381658	3305676	52.81%	5.155%
32	14.262	1890	1900	1911	rBV	2833752	4218679	67.40%	6.578%
33	14.480	1931	1937	1939	rBV6	5166	7193	0.11%	0.011%
34	14.568	1944	1952	1960	rBV	1243791	1850248	29.56%	2.885%
35	14.774	1980	1987	2010	rBV	807854	1724016	27.54%	2.688%
36	14.998	2021	2025	2028	rVB6	9888	15662	0.25%	0.024%

LSC Area Percent Report

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Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
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Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM022324.MA.M
Title : SVOA CALIBRATION

37	15.227	2062	2064	2070	rVB7	3602	6525	0.10%	0.010%
38	15.374	2084	2089	2092	rBV3	9447	11575	0.18%	0.018%
39	15.433	2096	2099	2101	rVB4	5710	6941	0.11%	0.011%
40	15.562	2114	2121	2133	rBV	3592573	5101835	81.51%	7.955%
41	15.686	2136	2142	2153	rVV	1109813	1521111	24.30%	2.372%
42	15.804	2158	2162	2169	rVB5	17039	27810	0.44%	0.043%
43	15.939	2181	2185	2188	rBV6	4075	6486	0.10%	0.010%
44	16.133	2213	2218	2220	rBV6	5280	8575	0.14%	0.013%
45	16.286	2242	2244	2249	rBV5	5691	8531	0.14%	0.013%
46	16.351	2252	2255	2261	rVB7	12505	16763	0.27%	0.026%
47	16.727	2316	2319	2323	rVB6	8979	12028	0.19%	0.019%
48	16.992	2360	2364	2369	rBV7	4326	7377	0.12%	0.012%
49	17.092	2377	2381	2386	rBV4	8195	15450	0.25%	0.024%
50	17.321	2412	2420	2427	rBV	1494693	2173251	34.72%	3.389%
51	17.421	2429	2437	2447	rBV	3754427	5392365	86.15%	8.408%
52	17.715	2481	2487	2497	rBV	14677	37025	0.59%	0.058%
53	17.839	2502	2508	2509	rBV5	6440	8785	0.14%	0.014%
54	18.009	2533	2537	2543	rVB4	18265	25417	0.41%	0.040%
55	18.233	2569	2575	2584	rBV	447309	659947	10.54%	1.029%
56	18.533	2622	2626	2629	rBV5	6374	8509	0.14%	0.013%
57	18.662	2644	2648	2654	rBV5	17580	24117	0.39%	0.038%
58	18.897	2685	2688	2694	rVB6	8602	12931	0.21%	0.020%
59	19.280	2749	2753	2758	rBV	47350	67677	1.08%	0.106%
60	19.350	2761	2765	2770	rBV	42295	77062	1.23%	0.120%
61	19.392	2770	2772	2777	rVB6	17972	23745	0.38%	0.037%
62	19.515	2788	2793	2801	rBV	165299	229345	3.66%	0.358%
63	19.715	2821	2827	2836	rBV	4624501	6257287	99.97%	9.757%
64	19.780	2836	2838	2843	rVB5	12134	14554	0.23%	0.023%
65	20.256	2916	2919	2920	rBV3	14722	16028	0.26%	0.025%
66	20.286	2922	2924	2927	rVB3	24618	22802	0.36%	0.036%
67	20.780	3006	3008	3012	rVB	35722	36651	0.59%	0.057%
68	21.250	3083	3088	3103	rBV	437365	774842	12.38%	1.208%
69	21.515	3128	3133	3146	rBV	1687810	2395104	38.26%	3.735%
70	21.697	3162	3164	3168	rVB3	50078	56149	0.90%	0.088%
71	23.774	3509	3517	3531	rBV2	3093846	6259439	100.00%	9.760%
72	23.927	3537	3543	3553	rVB	1170641	2416818	38.61%	3.769%

Sum of corrected areas: 64130944

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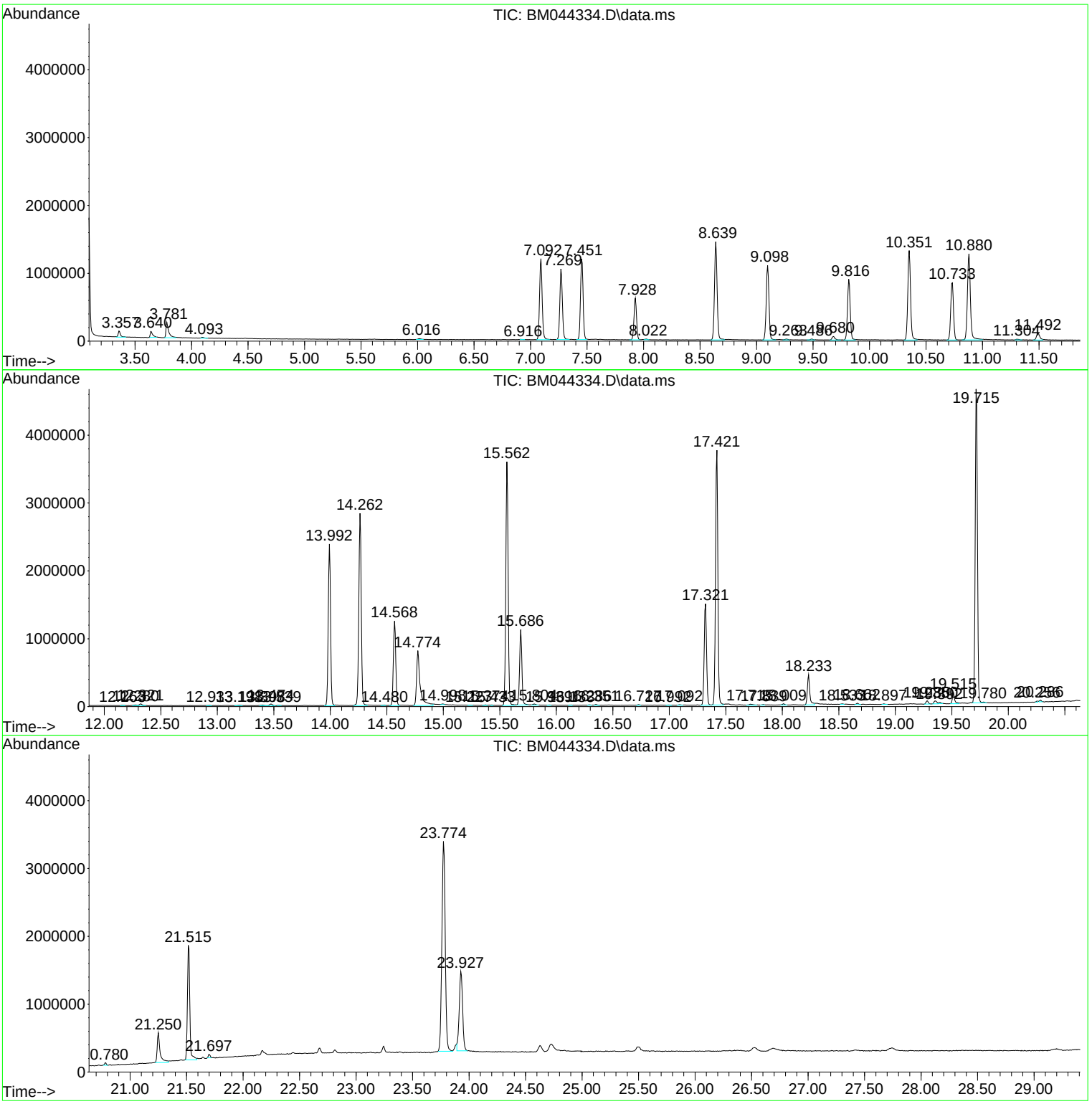
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BH9W5

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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ClientSampleId :
BH9W5

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

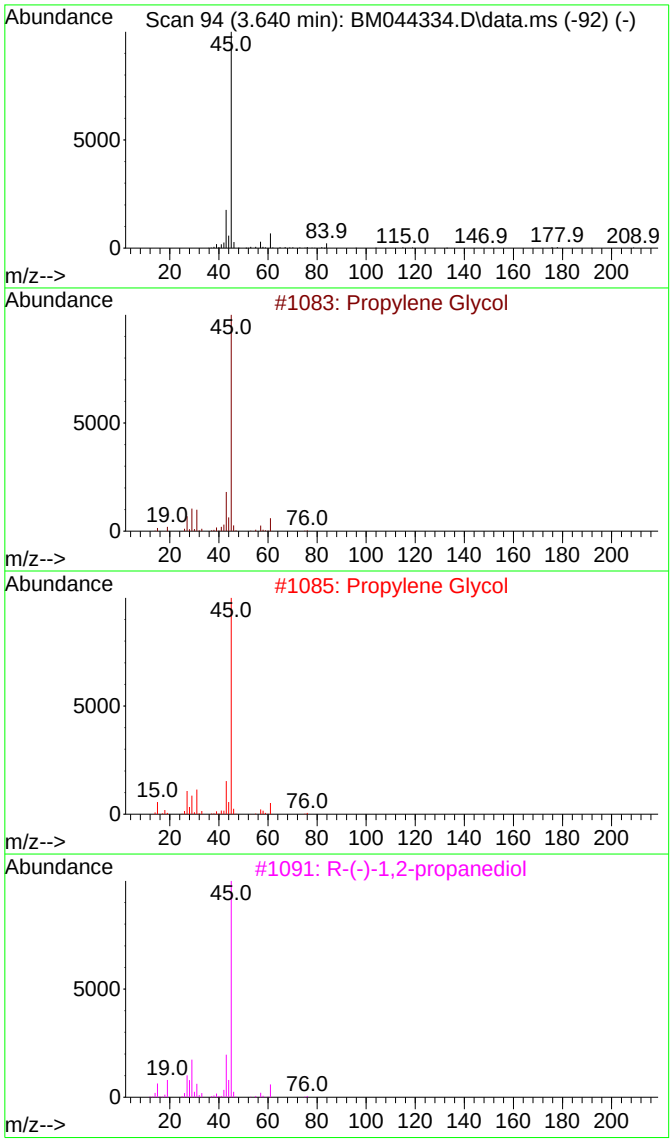
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

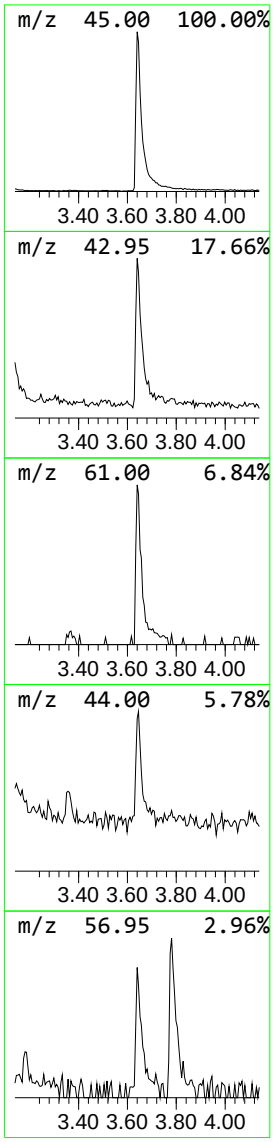
****

Peak Number 1 Propylene Glycol Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.640	2.86 ng/ul	137673	1,4-Dichlorobenzene-d4	7.928

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propylene Glycol	76	C3H8O2	000057-55-6	80
2	Propylene Glycol	76	C3H8O2	000057-55-6	72
3	R-(-)-1,2-propanediol	76	C3H8O2	004254-14-2	72
4	Propanoic acid, 2-hydroxy-, meth...	104	C4H8O3	000547-64-8	50
5	(S)-(+)-1,2-Propanediol	76	C3H8O2	004254-15-3	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM022624\
Data File : BM044334.D
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Operator : MA/JU
Sample : P1442-23
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BH9W5

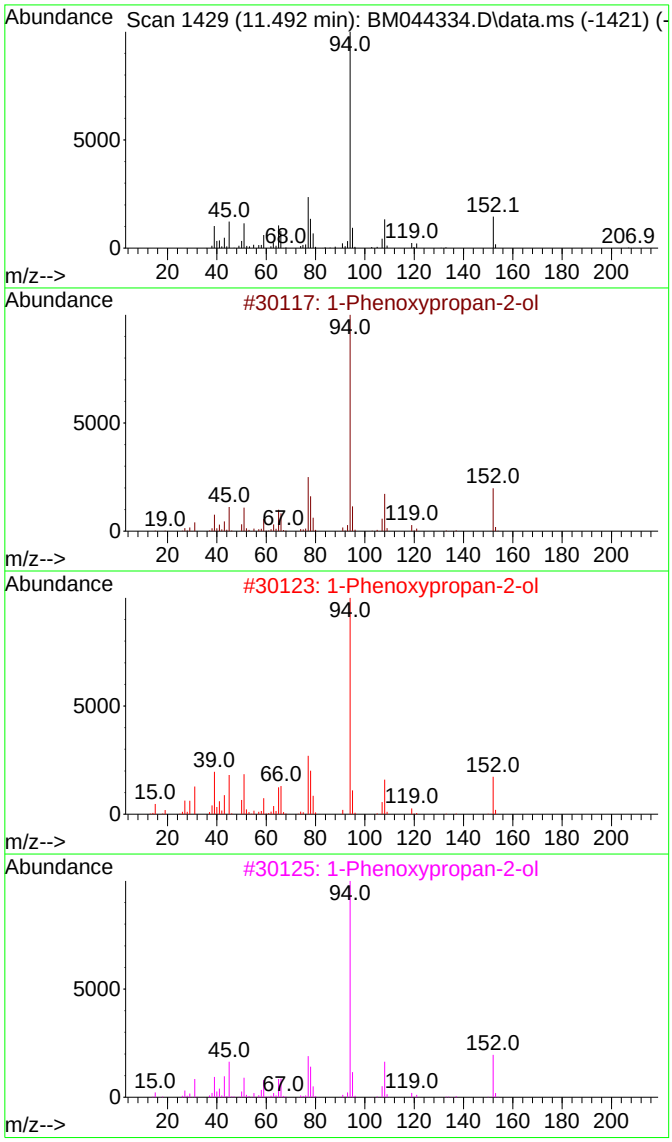
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM022324.MA.M
Quant Title : SVOA CALIBRATION

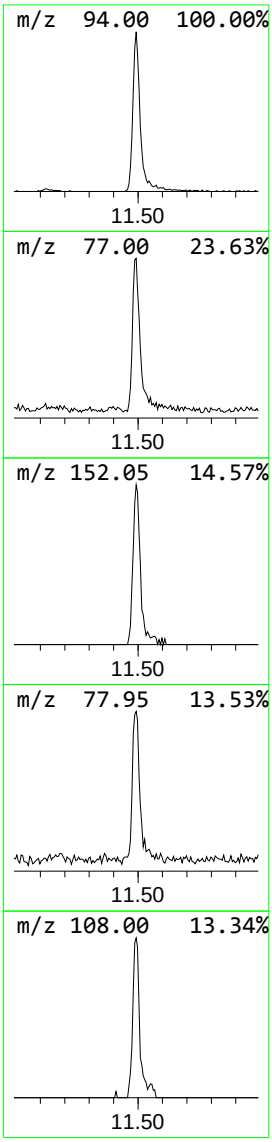
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.492	2.79 ng/ul	200187	Naphthalene-d8	10.733

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	94
3	1-Phenoxypropan-2-ol	152	C9H12O2	000770-35-4	94
4	1-Phenoxypropan-2-ol	152	C9H12O2	000770-35-4	93
5	1-Propanol, 3-phenoxy-	152	C9H12O2	006180-61-6	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM022624\
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Sample : P1442-23
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BH9W5

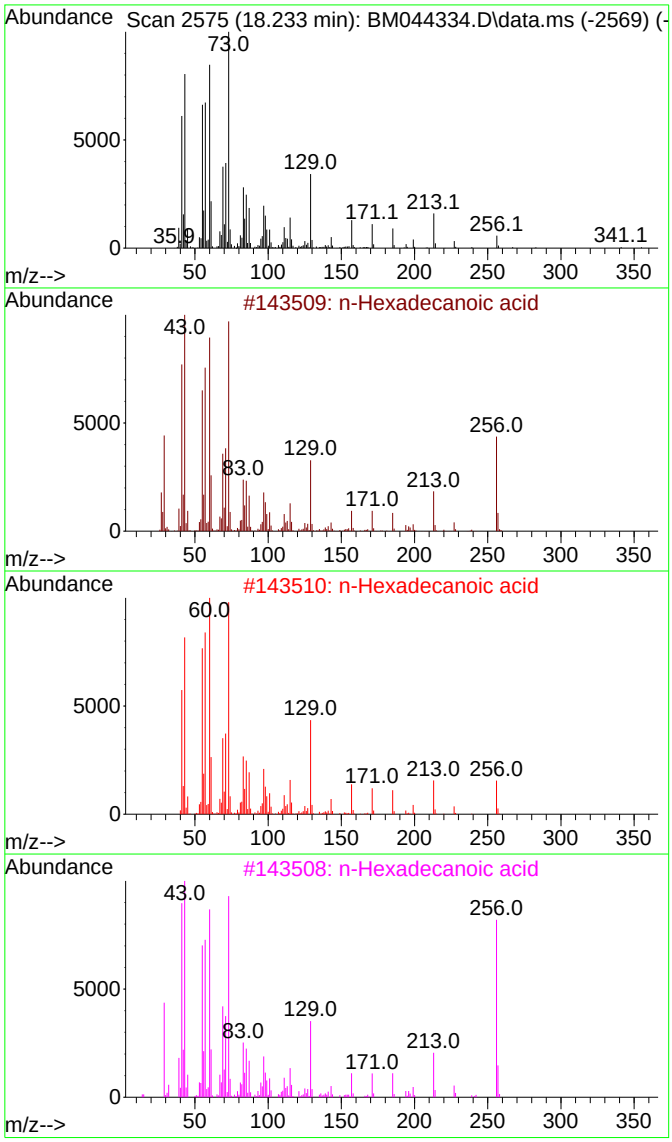
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM022324.MA.M
Quant Title : SVOA CALIBRATION

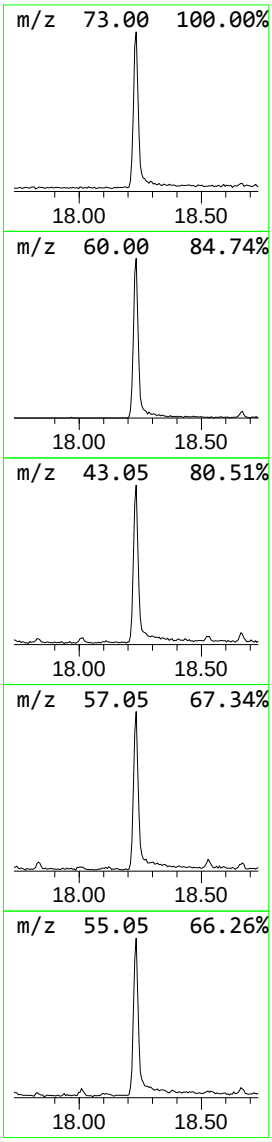
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.233	6.07 ng/ul	659947	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	99
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
5	Tridecanoic acid	214	C13H26O2	000638-53-9	94





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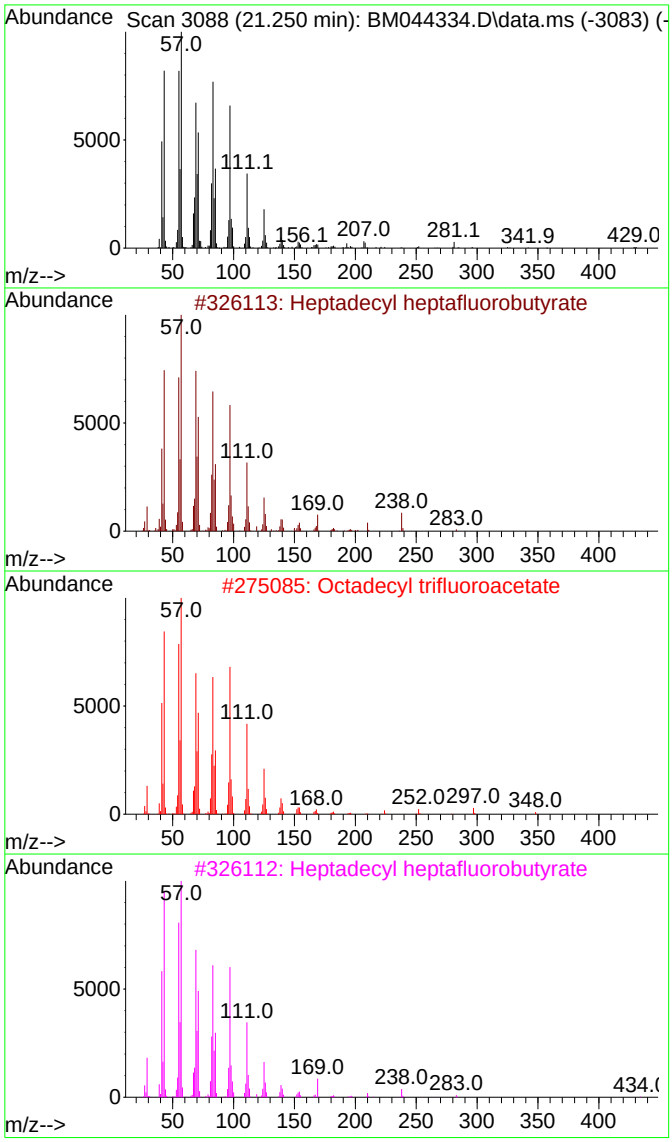
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM022324.MA.M
Quant Title : SVOA CALIBRATION

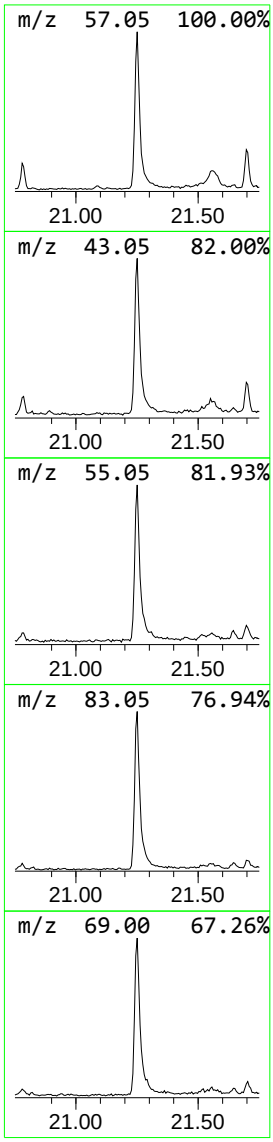
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Heptadecyl heptafluorobutyrate Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.250	6.47 ng/ul	774842	Chrysene-d12	21.515

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	94
2	Octadecyl trifluoroacetate	366	C20H37F3O2	079392-43-1	94
3	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	94
4	1-Hexacosene	364	C26H52	018835-33-1	94
5	Pentadecafluorooctanoic acid, oc...	666	C26H37F15O2	1000406-04-8	94





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	2.9	ng/ul	137673	1	7.928	963108	20.0
1-Phenoxypropan...	11.492	2.8	ng/ul	200187	2	10.733	1433470	20.0
n-Hexadecanoic ...	18.233	6.1	ng/ul	659947	4	17.321	2173250	20.0
Heptadecyl hept...	21.250	6.5	ng/ul	774842	5	21.515	2395100	20.0