LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM022624\
Data File : BM044339.D
Acq On : 26 Feb 2024 19:20
Operator : MA/JU
Sample : P1442-20
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BH9R2

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: BM044339.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.181	14	16	24	rVB	42169	50466	0.73%	0.067%
2	3.357	43	46	55	rVB	110074	142820	2.05%	0.191%
3	3.640	91	94	101	rBV	139723	191364	2.75%	0.256%
4	3.775	113	117	139	rVB	1128608	1804151	25.96%	2.412%
5	6.016	494	498	503	rBV2	17547	30152	0.43%	0.040%
6	6.916	648	651	655	rBV6	4739	8599	0.12%	0.011%
7	7.092	674	681	693	rBV	1419030	2262226	32.55%	3.025%
8	7.269	704	711	723	rBV	1241453	1946038	28.00%	2.602%
9	7.451	735	742	754	rBV	1382588	2242870	32.27%	2.999%
10	7.928	814	823	830	rBV	693918	1094454	15.75%	1.463%
11	8.022	832	839	845	rVB7	12209	26899	0.39%	0.036%
12	8.639	934	944	958	rBV	1694985	2714208	39.05%	3.629%
13	9.098	1014	1022	1033	rBV	1301899	2149418	30.92%	2.874%
14	9.263	1047	1050	1056	rVB6	12669	20360	0.29%	0.027%
15	9.486	1085	1088	1094	rVB3	12231	18937	0.27%	0.025%
16	9.680	1115	1121	1130	rBV	57329	101702	1.46%	0.136%
17	9.816	1137	1144	1159	rBV	1044800	1757931	25.29%	2.351%
18	10.351	1227	1235	1256	rBV	1573557	2658750	38.25%	3.555%
19	10.733	1292	1300	1308	rBV	934213	1580629	22.74%	2.114%
20	10.880	1314	1325	1348	rBV	1446840	2636516	37.93%	3.525%
21	11.310	1391	1398	1404	rBV8	13254	24538	0.35%	0.033%
22	11.492	1423	1429	1436	rBV	93578	184794	2.66%	0.247%
23	12.163	1539	1543	1548	rVB5	5237	8280	0.12%	0.011%
24	12.251	1553	1558	1561	rBV6	4431	8159	0.12%	0.011%
25	12.327	1564	1571	1578	rVB2	28799	51799	0.75%	0.069%
26	13.398	1749	1753	1757	rVB5	8577	11560	0.17%	0.015%
27	13.474	1761	1766	1773	rVB3	20142	34989	0.50%	0.047%
28	13.545	1773	1778	1785	rBV9	7201	14698	0.21%	0.020%
29	13.992	1845	1854	1868	rBV	2600213	3719709	53.52%	4.974%
30	14.263	1890	1900	1912	rBV	3191086	4791235	68.93%	6.407%
31	14.474	1931	1936	1940	rBV5	5405	8447	0.12%	0.011%
32	14.568	1944	1952	1961	rBV	1362050	2002925	28.82%	2.678%
33	14.774	1978	1987	2010	rBV	983367	2007785	28.89%	2.685%
34	14.992	2021	2024	2032	rVB8	15908	30321	0.44%	0.041%
35	15.374	2084	2089	2092	rBV7	6513	9714	0.14%	0.013%
36	15.562	2114	2121	2136	rBV	3962350	5761661	82.90%	7.704%

LSC Area Percent Report

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Misc :
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Instrument :
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ClientSampleId :
BH9R2

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	15.686	2136	2142	2154	rVV	1305540	1766559	25.42%	2.362%
38	15.804	2158	2162	2167	rVB4	17112	29296	0.42%	0.039%
39	16.127	2213	2217	2221	rBV7	5607	9201	0.13%	0.012%
40	16.292	2240	2245	2251	rBV10	7702	16393	0.24%	0.022%
41	16.351	2251	2255	2261	rVB6	15424	23279	0.33%	0.031%
42	16.727	2316	2319	2327	rVB4	14798	22439	0.32%	0.030%
43	16.992	2362	2364	2370	rVB7	6736	8477	0.12%	0.011%
44	17.092	2375	2381	2383	rBV7	11289	15383	0.22%	0.021%
45	17.227	2400	2404	2405	rBV4	6253	7479	0.11%	0.010%
46	17.321	2413	2420	2430	rBV	1661584	2331453	33.54%	3.118%
47	17.421	2430	2437	2447	rBV	4230411	6004087	86.38%	8.028%
48	17.503	2448	2451	2453	rBV3	7122	7208	0.10%	0.010%
49	17.615	2468	2470	2477	rVB7	5697	10669	0.15%	0.014%
50	17.686	2477	2482	2484	rBV6	3554	7641	0.11%	0.010%
51	17.721	2484	2488	2495	rVV7	16490	29695	0.43%	0.040%
52	17.833	2503	2507	2510	rBV5	7627	8532	0.12%	0.011%
53	18.009	2533	2537	2543	rVB6	13942	20112	0.29%	0.027%
54	18.098	2550	2552	2556	rBV5	7175	9378	0.13%	0.013%
55	18.233	2569	2575	2585	rBV	654025	959036	13.80%	1.282%
56	18.527	2622	2625	2629	rBV5	9921	15061	0.22%	0.020%
57	18.668	2645	2649	2654	rBV2	35878	43985	0.63%	0.059%
58	18.903	2685	2689	2692	rBV5	13319	17921	0.26%	0.024%
59	19.009	2702	2707	2709	rBV6	6220	10050	0.14%	0.013%
60	19.103	2720	2723	2725	rBV3	5594	7242	0.10%	0.010%
61	19.280	2749	2753	2758	rBV2	55643	77012	1.11%	0.103%
62	19.356	2761	2766	2770	rBV	49245	85485	1.23%	0.114%
63	19.392	2770	2772	2776	rVB4	23766	28399	0.41%	0.038%
64	19.515	2788	2793	2804	rBV	251890	357206	5.14%	0.478%
65	19.668	2817	2819	2821	rBV3	9079	9459	0.14%	0.013%
66	19.721	2821	2828	2836	rVV	4825395	6950461	100.00%	9.294%
67	19.786	2836	2839	2844	rVB5	19870	27512	0.40%	0.037%
68	20.256	2916	2919	2920	rBV3	15732	16101	0.23%	0.022%
69	20.286	2921	2924	2929	rVB	46142	56931	0.82%	0.076%
70	20.786	3005	3009	3014	rBV2	76231	90869	1.31%	0.122%
71	21.250	3084	3088	3098	rBV	556736	895557	12.88%	1.198%
72	21.521	3129	3134	3149	rBV	1889832	2518731	36.24%	3.368%
73	21.703	3162	3165	3170	rBV2	116191	130789	1.88%	0.175%
74	22.174	3241	3245	3259	rBV2	118758	220657	3.17%	0.295%
75	22.680	3328	3331	3338	rVB	119128	167879	2.42%	0.224%
76	23.244	3423	3427	3432	rBV2	125301	199434	2.87%	0.267%

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Misc :
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Instrument :
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ClientSampleId :
BH9R2

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

77	23.780	3510	3518	3529	rVB2	3374397	6849561	98.55%	9.159%
78	23.932	3538	3544	3558	rVB	1257212	2613417	37.60%	3.495%

Sum of corrected areas: 74785140

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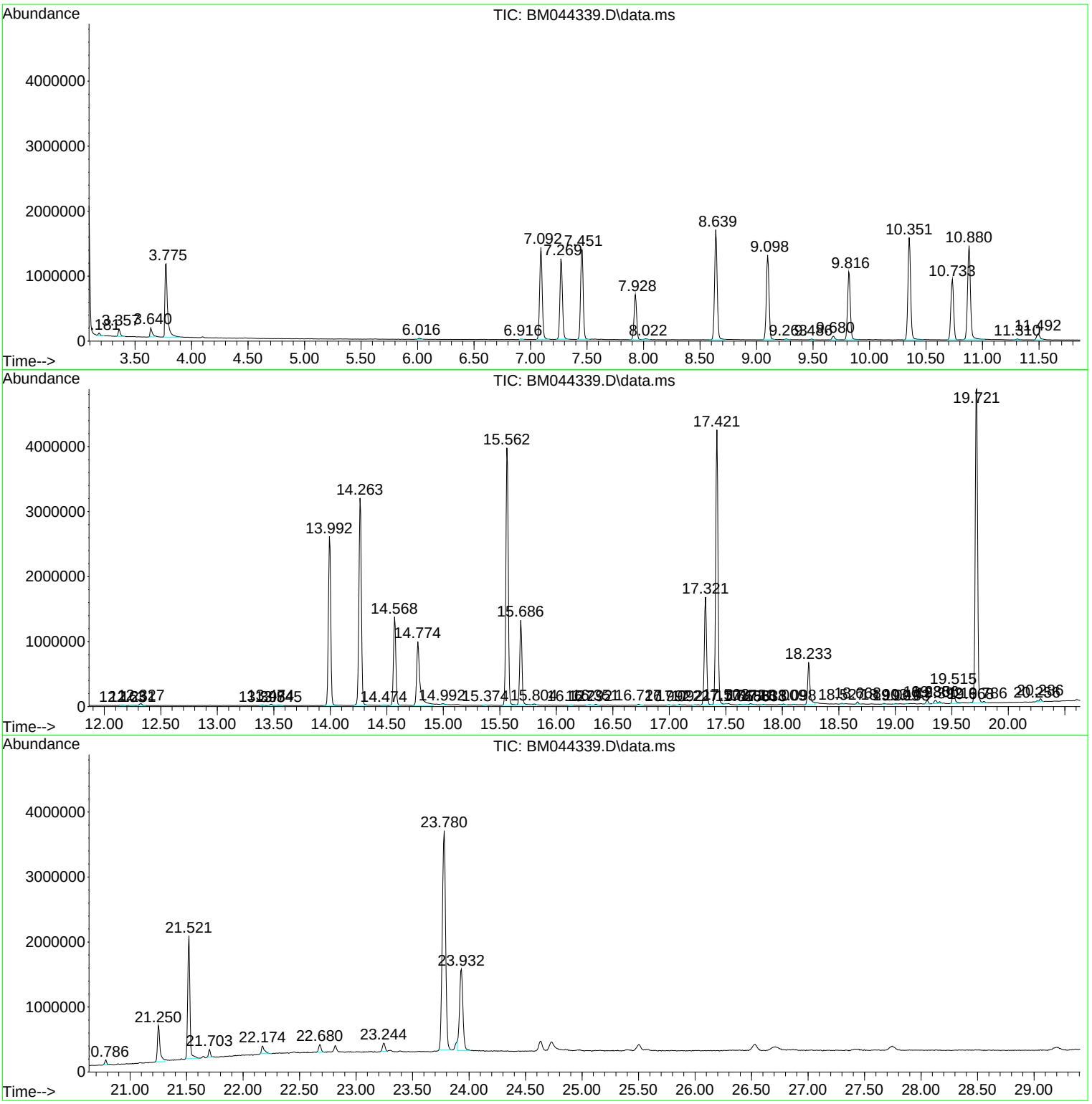
Instrument :
BNA_M
ClientSampleId :
BH9R2

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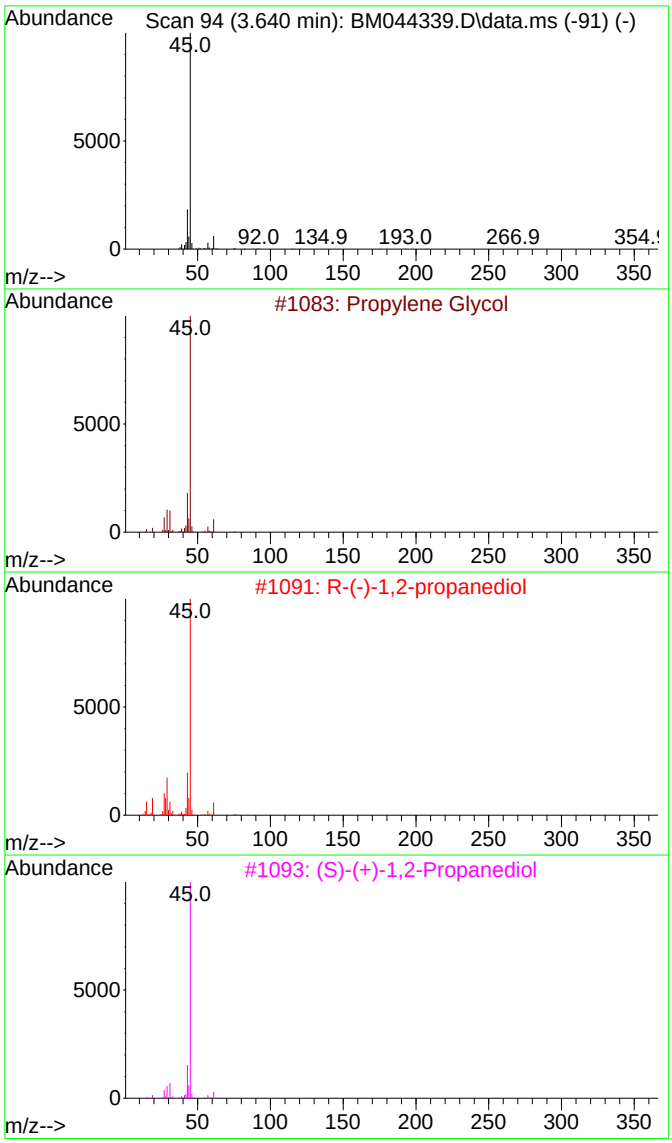
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM022324.MA.M
Quant Title : SVOA CALIBRATION

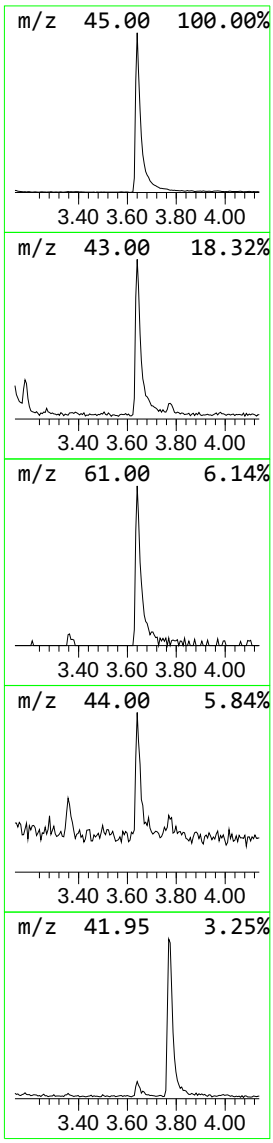
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Propylene Glycol Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.640	3.50 ng/ul	191364	1,4-Dichlorobenzene-d4	7.928

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propylene Glycol	76	C3H8O2	000057-55-6	86
2	R-(-)-1,2-propanediol	76	C3H8O2	004254-14-2	78
3	(S)-(+)-1,2-Propanediol	76	C3H8O2	004254-15-3	64
4	Propylene Glycol	76	C3H8O2	000057-55-6	64
5	Isopropyl Alcohol	60	C3H8O	000067-63-0	56





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Data File : BM044339.D
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Sample : P1442-20
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BH9R2

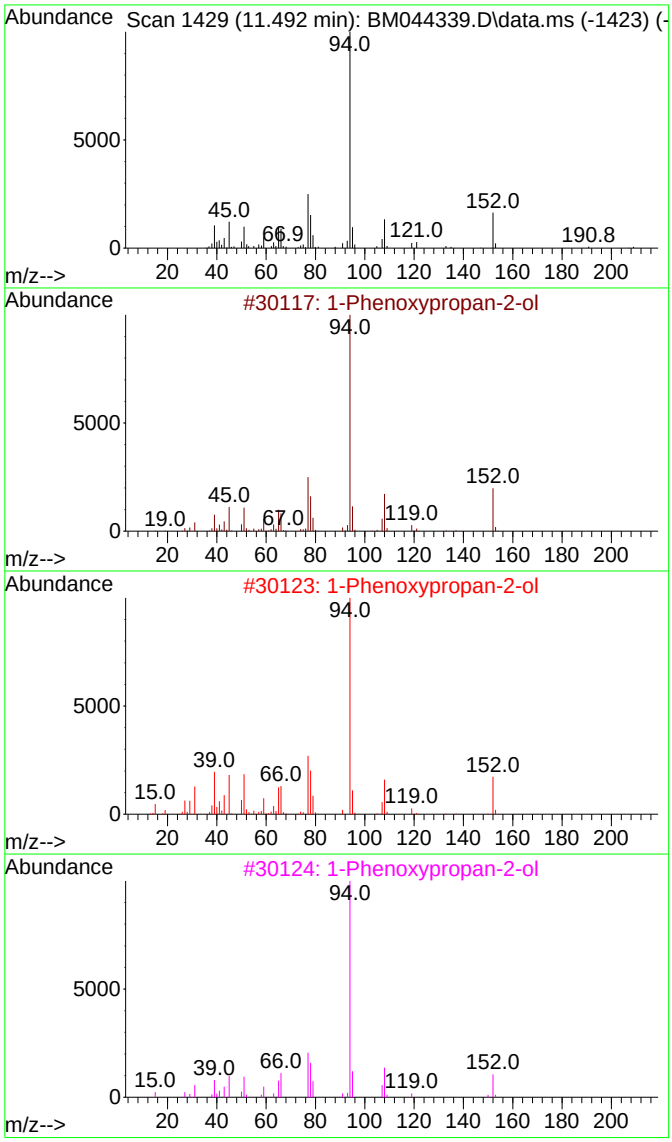
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM022324.MA.M
Quant Title : SVOA CALIBRATION

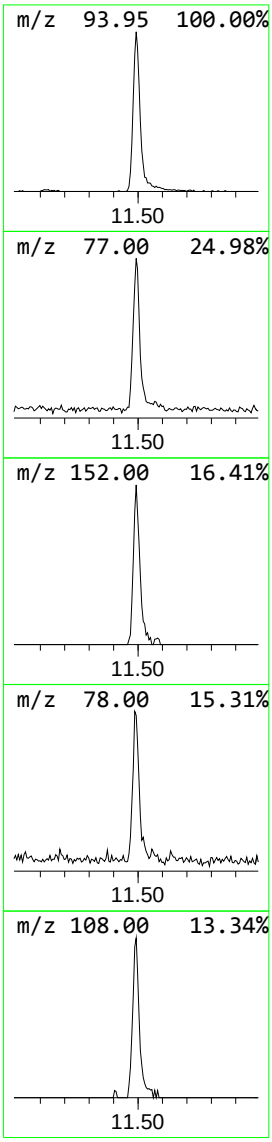
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 1-Phenoxypropan-2-ol Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.492	2.34 ng/ul	184794	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	95
3	1-Phenoxypropan-2-ol	152	C9H12O2	000770-35-4	93
4	Carbonic acid, neopentyl phenyl ...	208	C12H16O3	013183-19-2	64
5	1-Phenoxypropan-2-ol	152	C9H12O2	000770-35-4	60





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM022624\
Data File : BM044339.D
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Instrument :
BNA_M
ClientSampleId :
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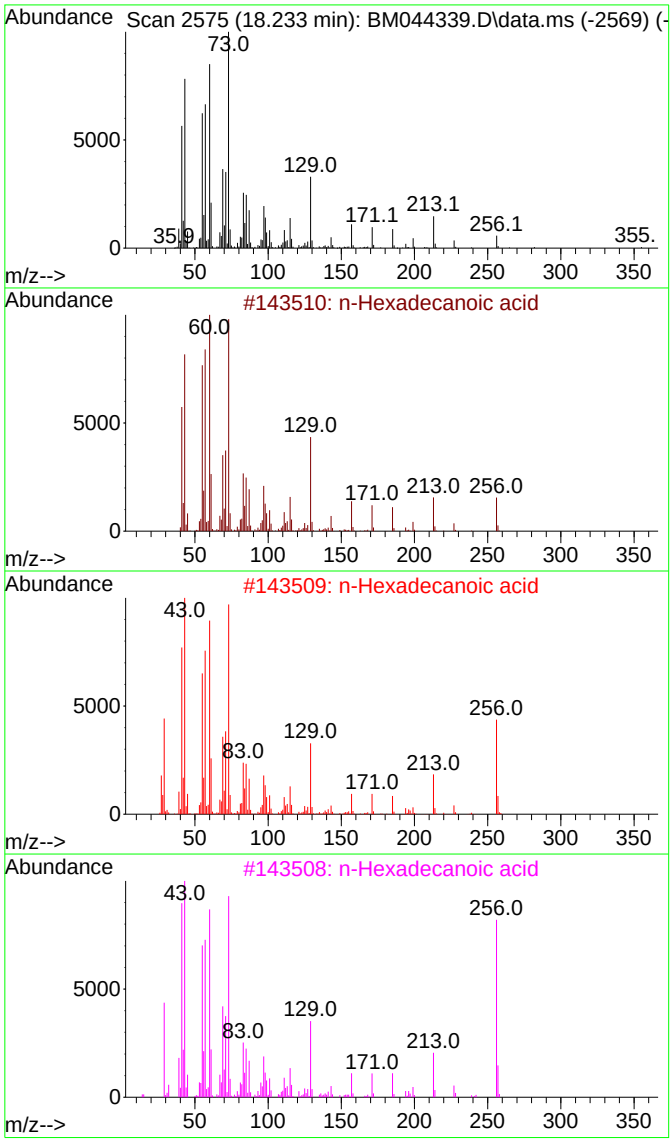
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM022324.MA.M
Quant Title : SVOA CALIBRATION

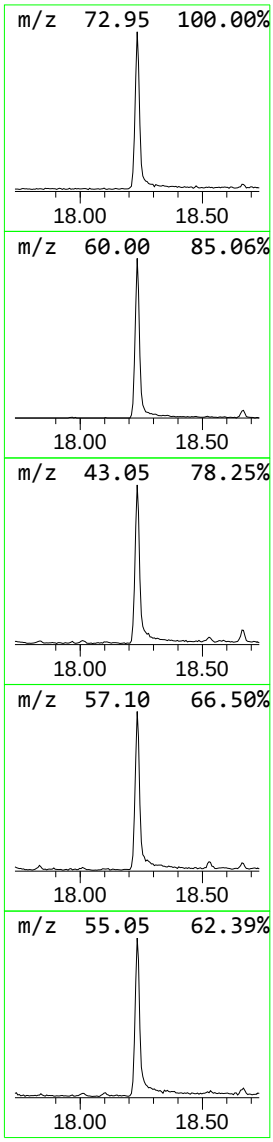
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.233	8.23 ng/ul	959036	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	95





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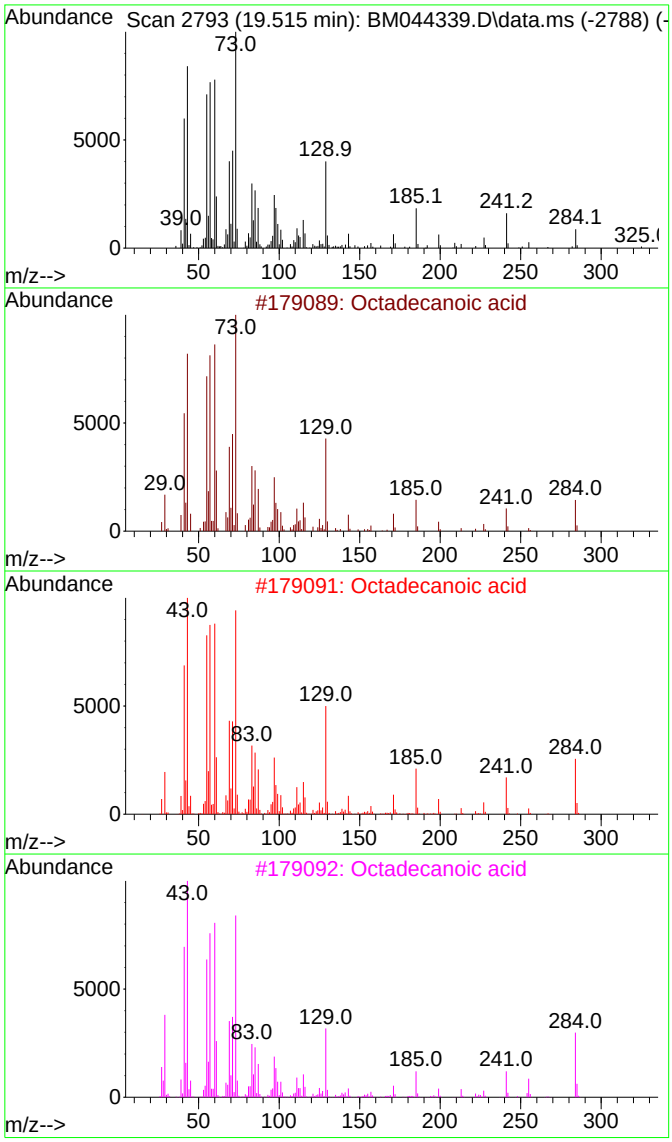
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM022324.MA.M
Quant Title : SVOA CALIBRATION

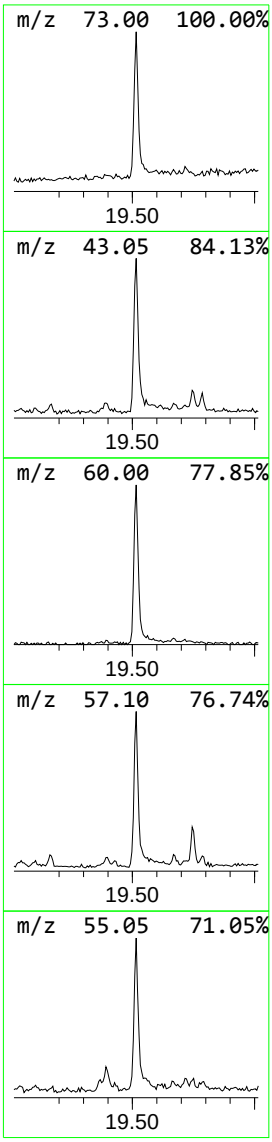
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Octadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.515	2.84 ng/ul	357206	Chrysene-d12	21.521

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	98
3	Octadecanoic acid	284	C18H36O2	000057-11-4	96
4	Octadecanoic acid	284	C18H36O2	000057-11-4	95
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	93





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Instrument :
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ClientSampleId :
BH9R2

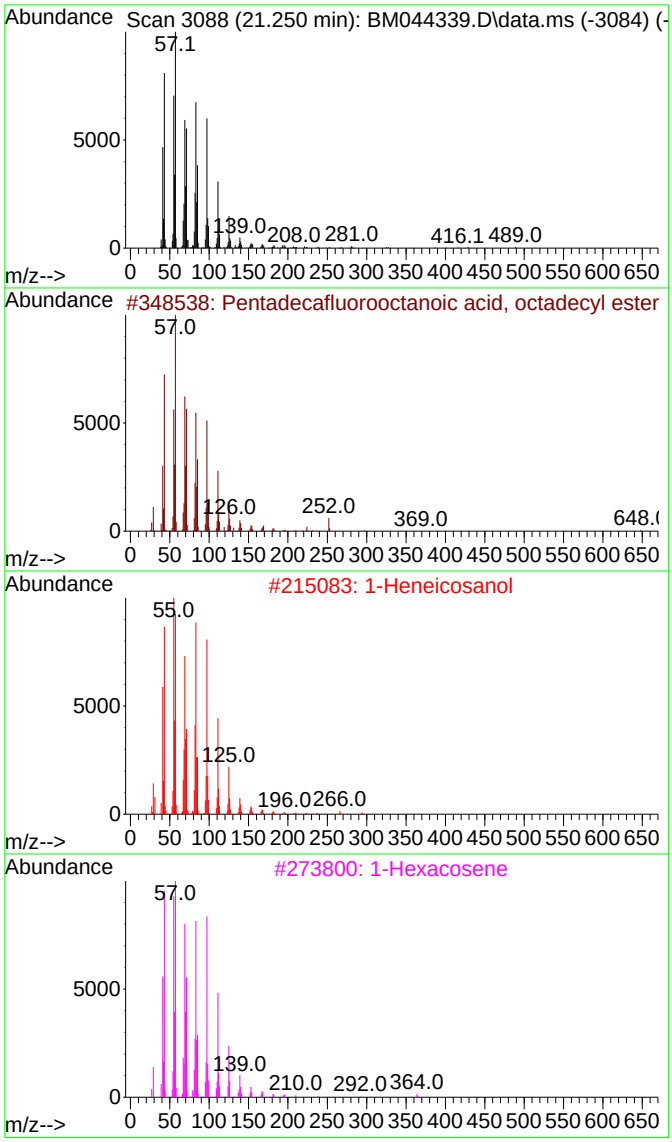
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM022324.MA.M
Quant Title : SVOA CALIBRATION

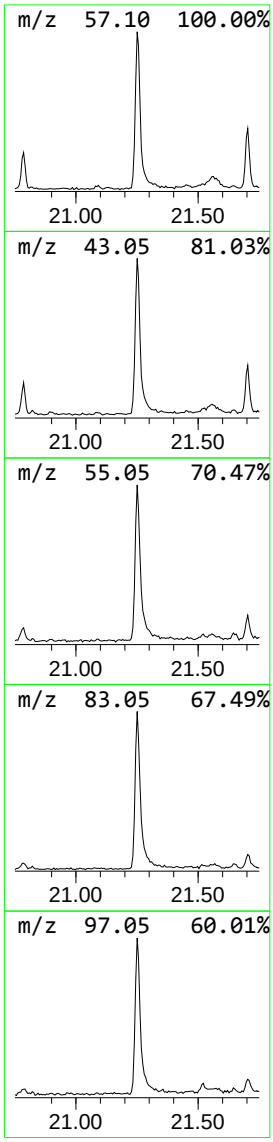
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Pentadecafluorooctanoic aci... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.250	7.11 ng/ul	895557	Chrysene-d12	21.521

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecafluorooctanoic acid, oc...	666	C26H37F15O2	1000406-04-8	94
2	1-Heneicosanol	312	C21H44O	015594-90-8	93
3	1-Hexacosene	364	C26H52	018835-33-1	91
4	Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	91
5	Heneicosyl pentafluoropropionate	458	C24H43F5O2	1000351-81-1	91





Tentatively Identified Compound (LSC) summary

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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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Propylene Glycol	3.640	3.5	ng/ul	191364	1	7.928	1094450	20.0
1-Phenoxypropan...	11.492	2.3	ng/ul	184794	2	10.733	1580630	20.0
n-Hexadecanoic ...	18.233	8.2	ng/ul	959036	4	17.321	2331450	20.0
Octadecanoic acid	19.515	2.8	ng/ul	357206	5	21.521	2518730	20.0
Pentadecafluoro...	21.250	7.1	ng/ul	895557	5	21.521	2518730	20.0