LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080524\
Data File : BM046999.D
Acq On : 05 Aug 2024 19:54
Operator : RC/JU
Sample : P3329-13
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F7E21

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-BM080224.MA.M
Title : SVOA CALIBRATION

Signal : TIC: BM046999.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.946	8	10	12	rBV3	5222	4551	0.12%	0.010%
2	3.022	19	23	28	rVB	47067	52877	1.38%	0.119%
3	3.281	64	67	81	rVB	121604	173758	4.52%	0.391%
4	3.410	85	89	101	rBV	514845	698217	18.18%	1.571%
5	3.710	137	140	144	rVB2	12200	13952	0.36%	0.031%
6	4.587	284	289	295	rVB4	5087	8784	0.23%	0.020%
7	5.540	447	451	455	rBV6	4084	7396	0.19%	0.017%
8	6.457	603	607	608	rBV4	4373	5236	0.14%	0.012%
9	6.599	625	631	647	rVV	699740	1114725	29.03%	2.509%
10	6.751	651	657	667	rBV	560901	883316	23.00%	1.988%
11	6.828	669	670	675	rVB5	3390	4832	0.13%	0.011%
12	6.940	682	689	697	rBV	758232	1130838	29.45%	2.545%
13	7.040	702	706	712	rBV3	14602	25985	0.68%	0.058%
14	7.398	757	767	774	rBV	721395	1104327	28.76%	2.485%
15	7.487	778	782	787	rVB8	5008	9840	0.26%	0.022%
16	8.116	882	889	898	rBV	903772	1364978	35.54%	3.072%
17	8.540	954	961	971	rBV	681583	1084104	28.23%	2.440%
18	8.722	989	992	995	rVB5	4539	6283	0.16%	0.014%
19	8.863	1013	1016	1020	rVB6	2743	3953	0.10%	0.009%
20	8.992	1036	1038	1043	rVB5	3977	3910	0.10%	0.009%
21	9.128	1055	1061	1067	rBV	29790	49017	1.28%	0.110%
22	9.257	1075	1083	1093	rBV	554262	929683	24.21%	2.092%
23	9.540	1125	1131	1133	rBV6	4239	8822	0.23%	0.020%
24	9.792	1164	1174	1185	rBV	873988	1435797	37.39%	3.231%
25	10.157	1227	1236	1243	rBV	888607	1469511	38.26%	3.307%
26	10.304	1251	1261	1270	rBV	845674	1393960	36.30%	3.137%
27	10.734	1328	1334	1340	rBV7	10896	20923	0.54%	0.047%
28	10.916	1359	1365	1374	rBV	77607	147179	3.83%	0.331%
29	11.416	1445	1450	1453	rBV7	2224	4244	0.11%	0.010%
30	11.757	1503	1508	1516	rVB3	15919	28188	0.73%	0.063%
31	12.404	1612	1618	1622	rVB6	6814	10071	0.26%	0.023%
32	12.663	1657	1662	1666	rBV4	7351	9685	0.25%	0.022%
33	13.333	1773	1776	1779	rBV5	2458	4340	0.11%	0.010%
34	13.480	1795	1801	1812	rBV	1566744	2103538	54.77%	4.734%
35	13.745	1836	1846	1854	rBV	1610808	2456695	63.97%	5.528%
36	13.845	1862	1863	1869	rVB6	3746	4051	0.11%	0.009%

LSC Area Percent Report

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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-BM080224.MA.M
Title : SVOA CALIBRATION

37	13.998	1886	1889	1892	rBV4	2969	4073	0.11%	0.009%
38	14.057	1892	1899	1906	rBV	1299795	1910369	49.74%	4.299%
39	14.292	1933	1939	1957	rBV	748450	1281318	33.36%	2.883%
40	14.510	1969	1976	1977	rBV7	7928	12574	0.33%	0.028%
41	14.892	2038	2041	2047	rBV4	6644	10798	0.28%	0.024%
42	15.057	2063	2069	2082	rVB	2089527	2989233	77.84%	6.727%
43	15.198	2086	2093	2101	rBV	649371	898145	23.39%	2.021%
44	15.304	2107	2111	2114	rVB3	8713	12933	0.34%	0.029%
45	15.457	2133	2137	2143	rVB8	5227	9179	0.24%	0.021%
46	15.510	2143	2146	2152	rBV7	3390	4945	0.13%	0.011%
47	15.657	2165	2171	2174	rBV7	6494	11223	0.29%	0.025%
48	15.774	2186	2191	2195	rVB7	3282	5586	0.15%	0.013%
49	15.821	2195	2199	2202	rBV6	5847	8634	0.22%	0.019%
50	15.986	2222	2227	2230	rBV6	7303	11218	0.29%	0.025%
51	16.268	2271	2275	2284	rBV6	6505	12865	0.33%	0.029%
52	16.574	2324	2327	2329	rBV4	3693	4235	0.11%	0.010%
53	16.616	2329	2334	2337	rVV6	7498	12715	0.33%	0.029%
54	16.816	2362	2368	2374	rVB	1557337	2227280	58.00%	5.012%
55	16.916	2378	2385	2396	rBV	2293494	3237782	84.31%	7.286%
56	17.033	2401	2405	2410	rVB7	21994	32471	0.85%	0.073%
57	17.145	2420	2424	2429	rVB7	7866	17612	0.46%	0.040%
58	17.198	2429	2433	2434	rBV4	5493	6536	0.17%	0.015%
59	17.245	2437	2441	2446	rVB8	8182	12269	0.32%	0.028%
60	17.345	2456	2458	2465	rVB7	5272	9137	0.24%	0.021%
61	17.527	2483	2489	2494	rVB4	17490	25402	0.66%	0.057%
62	17.751	2522	2527	2535	rBV	322633	514949	13.41%	1.159%
63	18.051	2576	2578	2582	rVB5	8148	8560	0.22%	0.019%
64	18.439	2640	2644	2647	rBV5	10256	16157	0.42%	0.036%
65	18.627	2674	2676	2681	rVB5	13710	13226	0.34%	0.030%
66	18.786	2700	2703	2710	rVB3	33816	47096	1.23%	0.106%
67	18.857	2712	2715	2718	rBV	29600	40161	1.05%	0.090%
68	19.051	2744	2748	2756	rBV	147381	229860	5.99%	0.517%
69	19.227	2772	2778	2787	rBV	2765709	3661195	95.33%	8.239%
70	19.827	2878	2880	2883	rVB3	23631	19329	0.50%	0.043%
71	20.786	3039	3043	3054	rBV	426530	612845	15.96%	1.379%
72	21.051	3083	3088	3094	rBV	1800866	2354631	61.31%	5.299%
73	23.580	3510	3518	3535	rVB	1737787	3840411	100.00%	8.642%
74	23.762	3542	3549	3557	rBV	1178899	2533376	65.97%	5.701%

Sum of corrected areas: 44437894

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BNA_M
ClientSampleId :
F7E21

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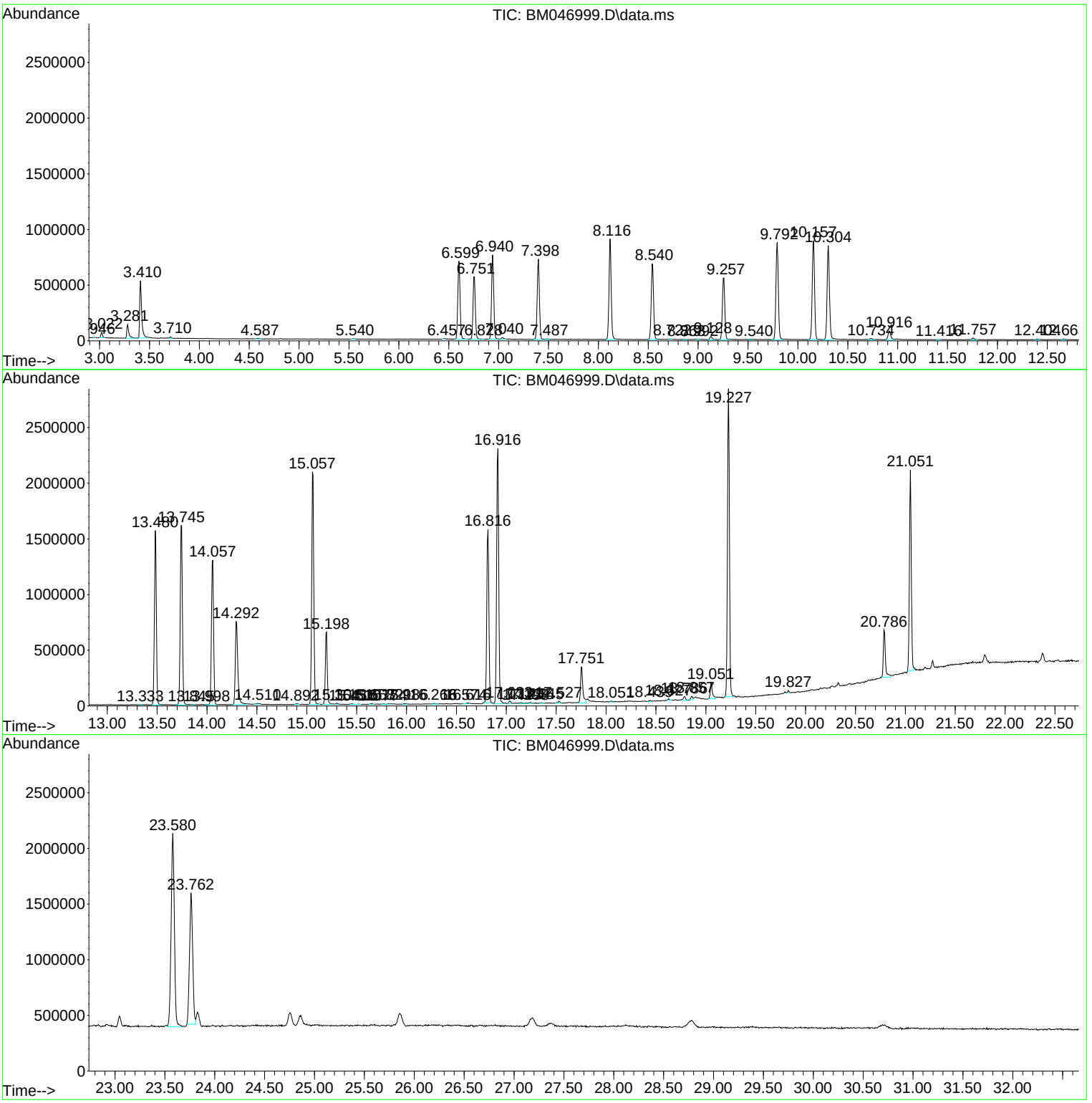
Instrument :
BNA_M
ClientSampleId :
F7E21

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM080224.MA.M
Quant Title : SVOA CALIBRATION

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



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Operator : RC/JU
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM080224.MA.M
Quant Title : SVOA CALIBRATION

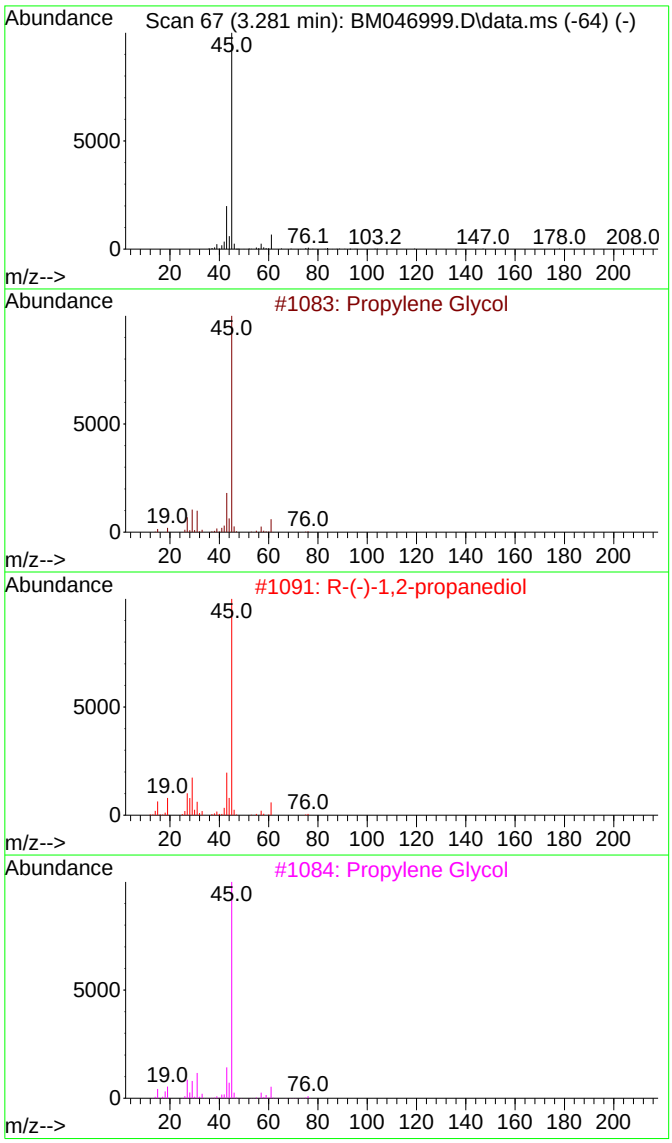
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

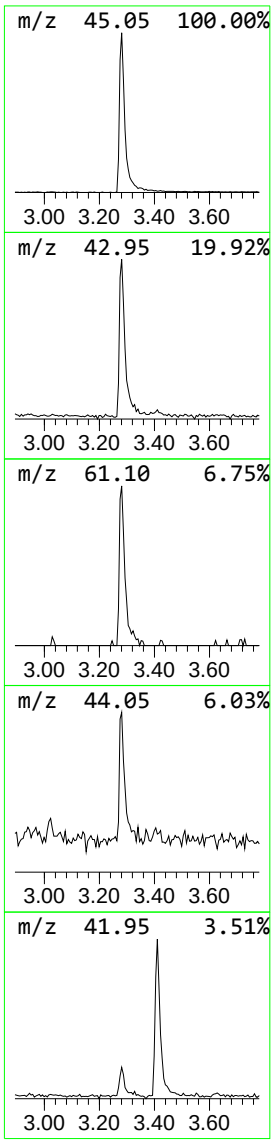
****

Peak Number 1 Propylene Glycol Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.281	3.15 ng/ul	173758	1,4-Dichlorobenzene-d4	7.398

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propylene Glycol	76	C3H8O2	000057-55-6	83
2	R-(-)-1,2-propanediol	76	C3H8O2	004254-14-2	72
3	Propylene Glycol	76	C3H8O2	000057-55-6	64
4	Propylene Glycol	76	C3H8O2	000057-55-6	64
5	Isopropyl Alcohol	60	C3H8O	000067-63-0	56





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Sample : P3329-13
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ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM080224.MA.M
Quant Title : SVOA CALIBRATION

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

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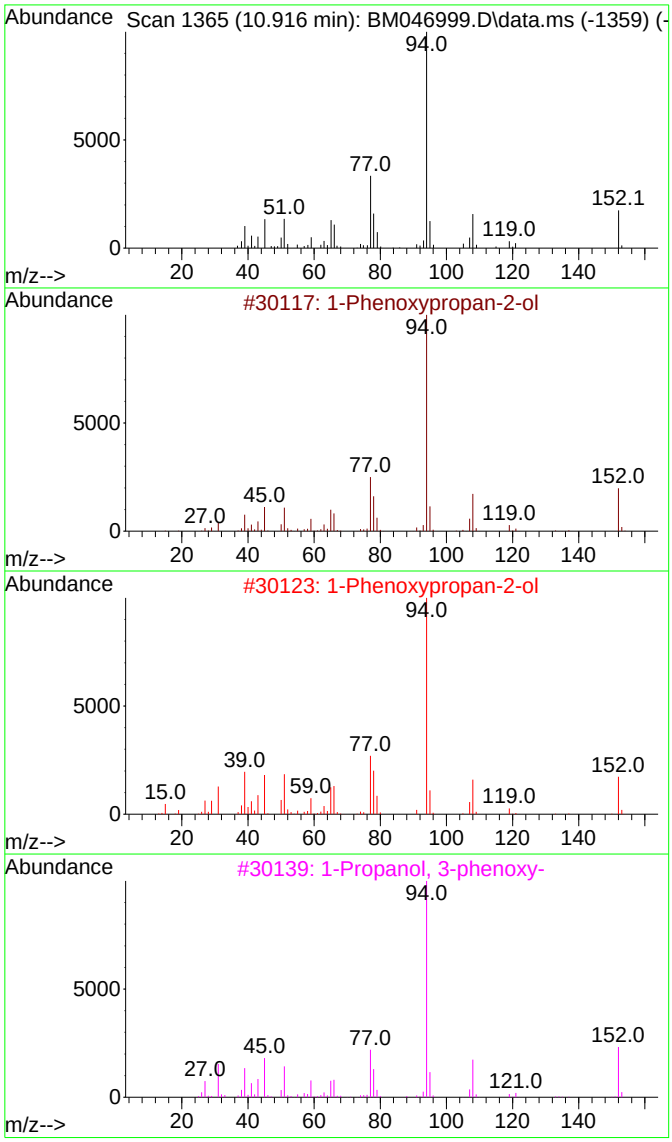
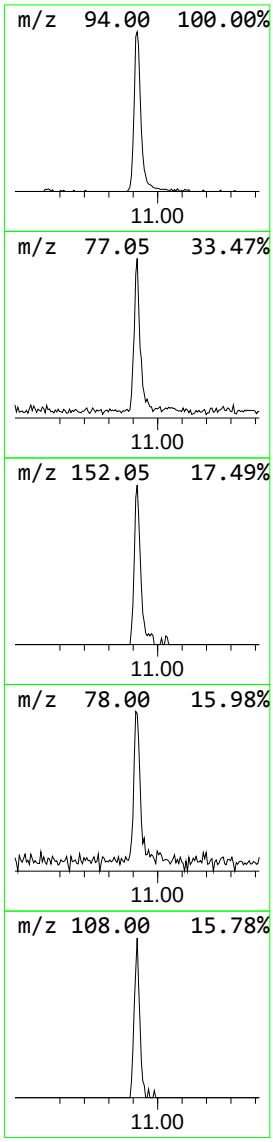
Peak Number 2 1-Phenoxypropan-2-ol Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.916	2.00 ng/ul	147179	Naphthalene-d8	10.157

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Phenoxypropan-2-ol	152	C9H12O2	000770-35-4	95
2	1-Phenoxypropan-2-ol	152	C9H12O2	000770-35-4	91
3	1-Propanol, 3-phenoxy-	152	C9H12O2	006180-61-6	87
4	1-Phenoxypropan-2-ol	152	C9H12O2	000770-35-4	87
5	Ethanol, 2-phenoxy-	138	C8H10O2	000122-99-6	64





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Instrument :
BNA_M
ClientSampleId :
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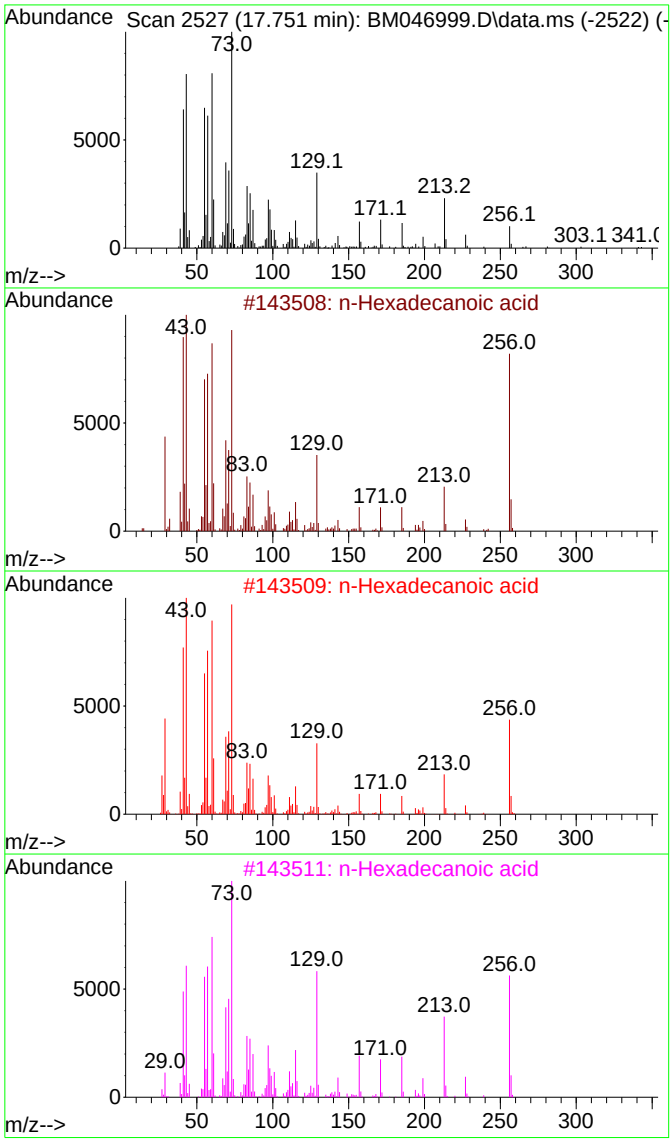
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM080224.MA.M
Quant Title : SVOA CALIBRATION

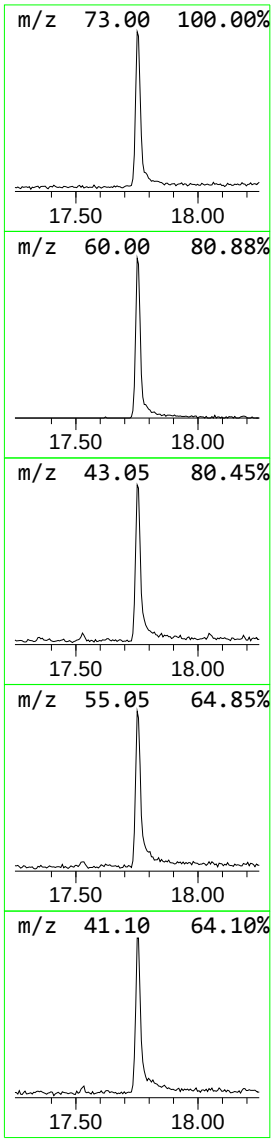
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.751	4.62 ng/ul	514949	Phenanthrene-d10	16.816

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	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
5	Octadecanoic acid	284	C18H36O2	000057-11-4	80





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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM080224.MA.M
Quant Title : SVOA CALIBRATION

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

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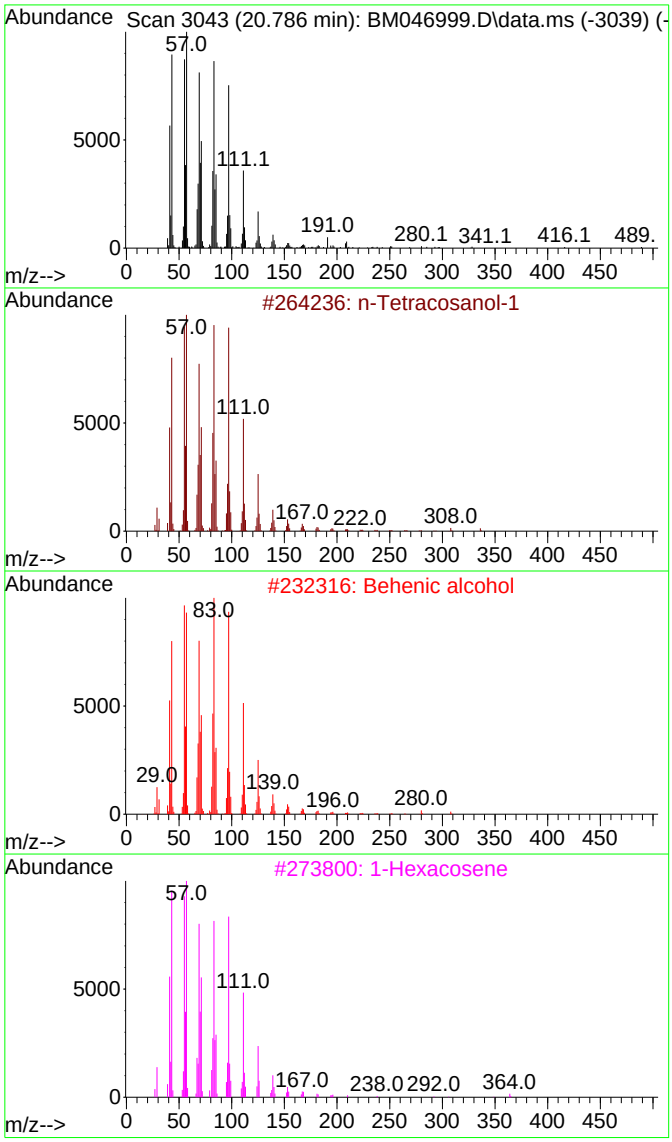
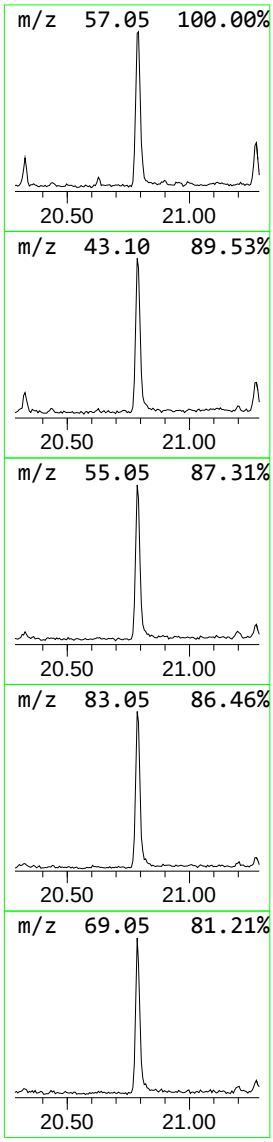
Peak Number 4 n-Tetracosanol-1 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.786	5.21 ng/ul	612845	Chrysene-d12	21.051

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Tetracosanol-1	354	C24H50O	000506-51-4	94
2	Behenic alcohol	326	C22H46O	000661-19-8	94
3	1-Hexacosene	364	C26H52	018835-33-1	94
4	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	91
5	1-Hexacosanol	382	C26H54O	000506-52-5	91





Tentatively Identified Compound (LSC) summary

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM080224.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	3.281	3.1	ng/ul	173758	1	7.398	1104330	20.0
1-Phenoxypropan...	10.916	2.0	ng/ul	147179	2	10.157	1469510	20.0
n-Hexadecanoic ...	17.751	4.6	ng/ul	514949	4	16.816	2227280	20.0
n-Tetracosanol-1	20.786	5.2	ng/ul	612845	5	21.051	2354630	20.0