LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102824\
Data File : BM048276.D
Acq On : 29 Oct 2024 05:04
Operator : RC/JU
Sample : P4529-18
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F7H46

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-BM102624.MA.M
Title : SVOA CALIBRATION

Signal : TIC: BM048276.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.169	27	31	42	rVB	50483	69957	1.96%	0.152%
2	3.587	99	102	125	rBV	526003	814109	22.84%	1.768%
3	3.910	153	157	162	rVB2	14318	21388	0.60%	0.046%
4	4.840	311	315	321	rVB2	22026	36801	1.03%	0.080%
5	6.075	520	525	529	rBV4	8134	12944	0.36%	0.028%
6	6.746	634	639	640	rBV5	3007	3834	0.11%	0.008%
7	6.893	656	664	680	rBV	617586	1087922	30.52%	2.362%
8	7.051	685	691	705	rVB	584752	926820	26.00%	2.012%
9	7.251	718	725	737	rBV	686817	1115190	31.28%	2.421%
10	7.716	795	804	814	rBV	794818	1301845	36.52%	2.827%
11	7.787	814	816	820	rVB5	5591	7875	0.22%	0.017%
12	7.963	843	846	856	rVB8	6592	15736	0.44%	0.034%
13	8.434	919	926	944	rBV	786796	1388238	38.94%	3.014%
14	8.875	993	1001	1011	rBV	638127	1085071	30.44%	2.356%
15	8.940	1011	1012	1017	rVB5	4054	5357	0.15%	0.012%
16	9.298	1068	1073	1078	rVB4	15539	23682	0.66%	0.051%
17	9.445	1094	1098	1106	rBV2	31133	53039	1.49%	0.115%
18	9.592	1116	1123	1131	rBV	509415	880084	24.69%	1.911%
19	9.710	1142	1143	1150	rVB5	6294	7818	0.22%	0.017%
20	9.781	1153	1155	1158	rVB4	3571	3926	0.11%	0.009%
21	9.892	1171	1174	1177	rBV5	2783	4306	0.12%	0.009%
22	10.134	1208	1215	1228	rBV	724883	1348370	37.82%	2.928%
23	10.504	1270	1278	1287	rBV	1159287	1954325	54.82%	4.244%
24	10.645	1295	1302	1321	rBV	683266	1398451	39.23%	3.037%
25	10.928	1345	1350	1352	rBV5	3004	5629	0.16%	0.012%
26	11.098	1373	1379	1383	rBV7	5803	13506	0.38%	0.029%
27	11.316	1413	1416	1418	rBV4	4006	4235	0.12%	0.009%
28	11.792	1492	1497	1502	rVB3	10327	15927	0.45%	0.035%
29	12.122	1546	1553	1559	rVV4	9791	20348	0.57%	0.044%
30	12.357	1589	1593	1597	rBV	6120	7713	0.22%	0.017%
31	12.716	1651	1654	1658	rBV6	2990	4700	0.13%	0.010%
32	12.816	1667	1671	1675	rBV6	5365	8955	0.25%	0.019%
33	12.969	1695	1697	1701	rVB4	4497	6035	0.17%	0.013%
34	13.186	1729	1734	1740	rBV7	7352	13242	0.37%	0.029%
35	13.333	1754	1759	1764	rBV9	7488	11596	0.33%	0.025%
36	13.610	1799	1806	1811	rVB9	2517	5731	0.16%	0.012%

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37	13.775	1827	1834	1843	rBV	1425451	2082741	58.42%	4.522%
38	14.051	1871	1881	1892	rBV	1726542	2549020	71.50%	5.535%
39	14.263	1914	1917	1922	rVB3	6288	9694	0.27%	0.021%
40	14.363	1927	1934	1941	rBV	1759583	2663905	74.72%	5.784%
41	14.486	1953	1955	1958	rVB4	4280	3938	0.11%	0.009%
42	14.586	1965	1972	1991	rBV	251970	660311	18.52%	1.434%
43	14.792	2000	2007	2015	rVB	12898	28960	0.81%	0.063%
44	15.169	2066	2071	2076	rBV4	6982	13553	0.38%	0.029%
45	15.216	2076	2079	2086	rVB7	4961	8868	0.25%	0.019%
46	15.357	2096	2103	2112	rBV	2103387	3152535	88.43%	6.845%
47	15.480	2118	2124	2136	rBV	498827	751856	21.09%	1.633%
48	15.598	2140	2144	2151	rVB8	11876	17797	0.50%	0.039%
49	15.721	2158	2165	2172	rBV	450538	646931	18.15%	1.405%
50	15.921	2193	2199	2204	rBV7	3601	8123	0.23%	0.018%
51	15.992	2208	2211	2214	rVB4	3269	4002	0.11%	0.009%
52	16.074	2222	2225	2227	rBV3	3684	3746	0.11%	0.008%
53	16.133	2234	2235	2241	rVB6	3931	4663	0.13%	0.010%
54	16.286	2257	2261	2265	rVB2	19904	29816	0.84%	0.065%
55	16.521	2297	2301	2306	rVB6	5380	8716	0.24%	0.019%
56	16.598	2311	2314	2317	rVB4	5105	4751	0.13%	0.010%
57	16.892	2358	2364	2367	rBV5	4214	9581	0.27%	0.021%
58	17.033	2384	2388	2392	rVB7	7037	10305	0.29%	0.022%
59	17.104	2393	2400	2410	rVV	2065659	2970208	83.31%	6.449%
60	17.204	2410	2417	2429	rVV	2153155	3253480	91.26%	7.064%
61	17.310	2432	2435	2443	rVB8	24753	46981	1.32%	0.102%
62	17.398	2448	2450	2454	rVB4	4445	4531	0.13%	0.010%
63	17.504	2466	2468	2471	rVB4	4241	4438	0.12%	0.010%
64	17.663	2490	2495	2498	rBV7	4570	7874	0.22%	0.017%
65	17.774	2511	2514	2518	rBV6	3845	6651	0.19%	0.014%
66	18.004	2547	2553	2570	rBV	395817	708770	19.88%	1.539%
67	18.298	2599	2603	2611	rVB7	16449	27809	0.78%	0.060%
68	18.427	2623	2625	2628	rBV3	6403	7743	0.22%	0.017%
69	18.715	2672	2674	2678	rBV5	5022	5337	0.15%	0.012%
70	18.862	2696	2699	2707	rVB5	33599	59740	1.68%	0.130%
71	19.062	2728	2733	2738	rBV4	30152	48097	1.35%	0.104%
72	19.133	2741	2745	2748	rBV	32853	50387	1.41%	0.109%
73	19.280	2765	2770	2778	rBV	144120	227193	6.37%	0.493%
74	19.492	2800	2806	2819	rBV	2602277	3565061	100.00%	7.741%
75	21.009	3060	3064	3073	rBV	190404	364435	10.22%	0.791%
76	21.327	3112	3118	3129	rBV	1743027	2745004	77.00%	5.960%

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Integrator: RTE
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77	24.068	3576	3584	3600	rVB	1169004	2932204	82.25%	6.367%
78	24.274	3611	3619	3632	rVB	1040802	2659696	74.60%	5.775%

Sum of corrected areas: 46054156

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Instrument :
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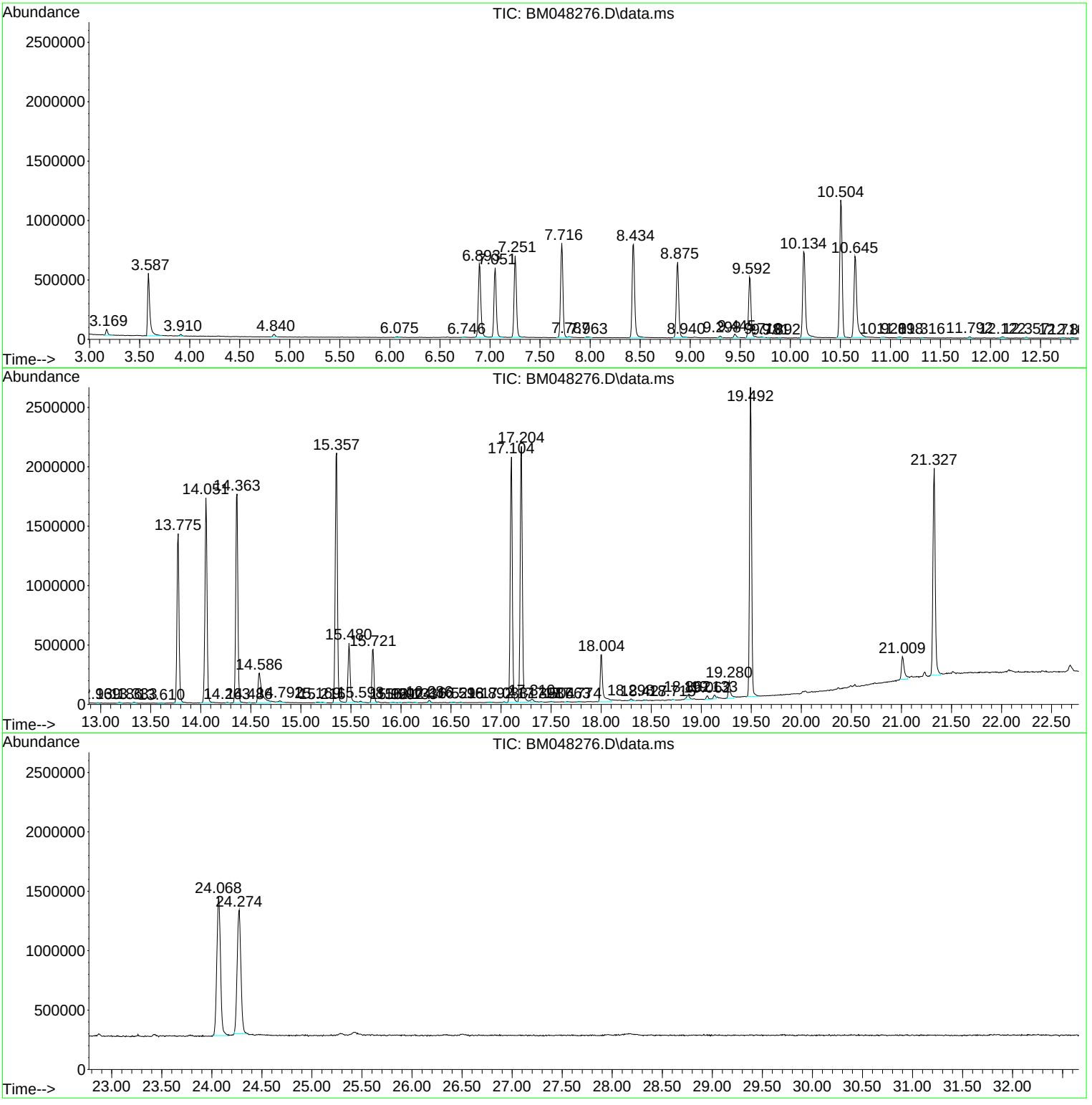
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM102624.MA.M
Quant Title : SVOA CALIBRATION

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



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TIC Library : C:\Database\NIST20.L
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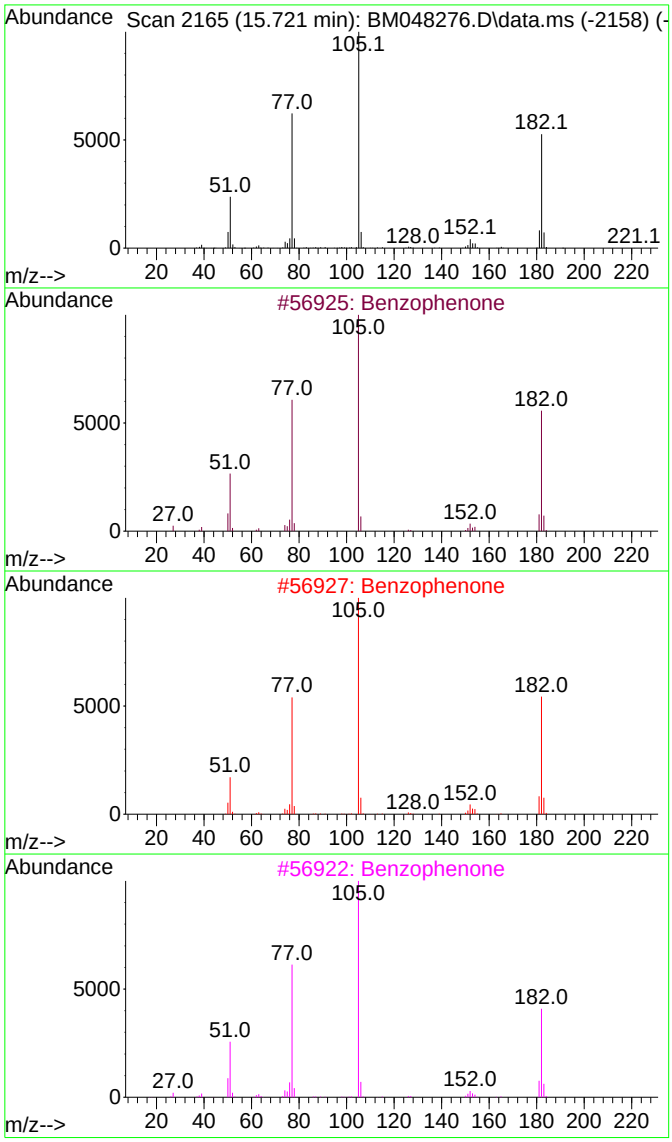
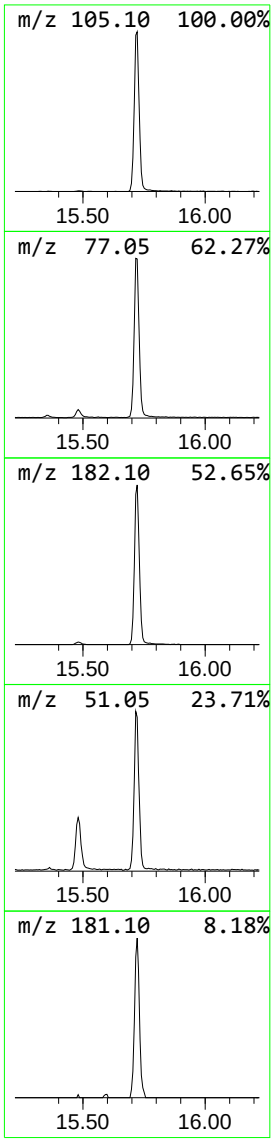
****

Peak Number 1 Benzophenone Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.722	4.86 ng/ul	646931	Acenaphthene-d10	14.363

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	Benzophenone	182	C13H10O	000119-61-9	95
3	Benzophenone	182	C13H10O	000119-61-9	94
4	Benzophenone	182	C13H10O	000119-61-9	90
5	Benzophenone	182	C13H10O	000119-61-9	83





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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM102624.MA.M
Quant Title : SVOA CALIBRATION

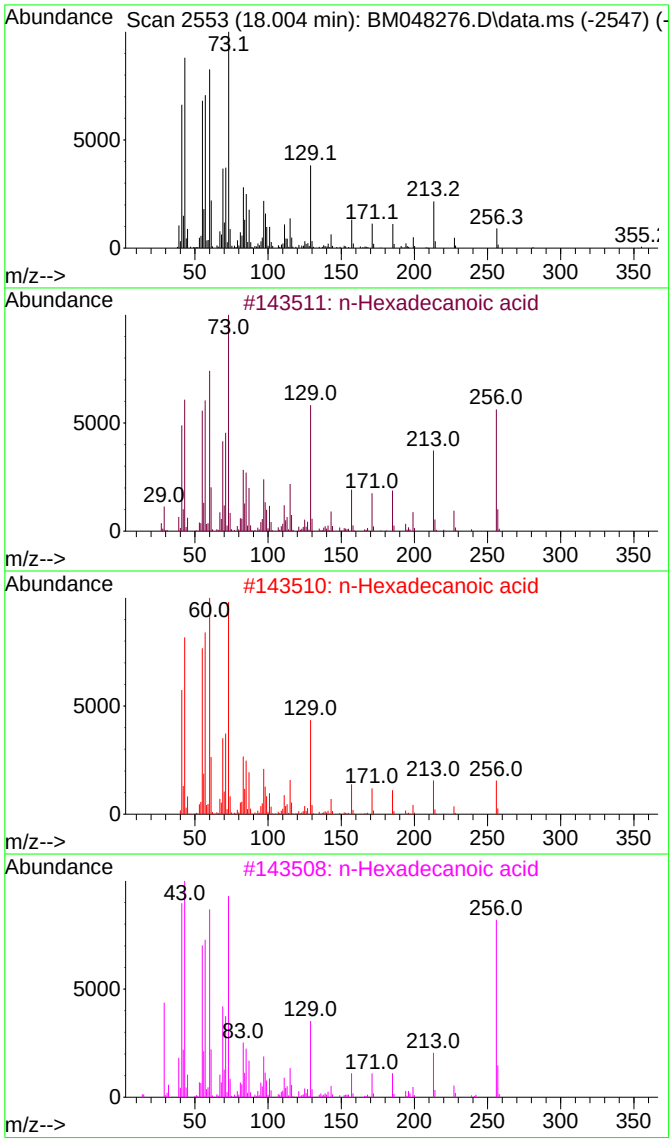
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

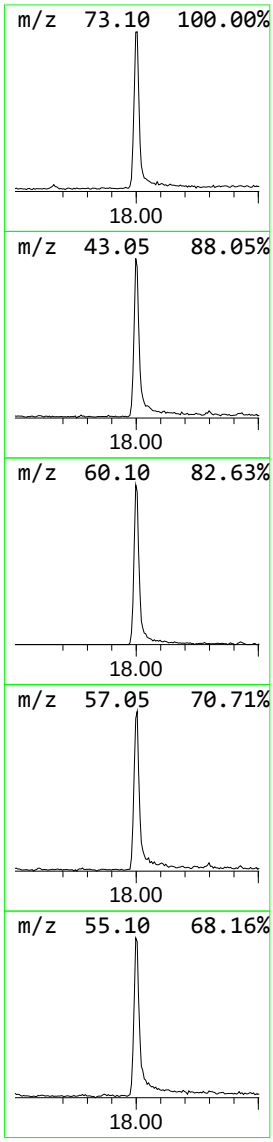
****

Peak Number 2 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.004	4.77 ng/ul	708770	Phenanthrene-d10	17.104

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	Tetradecanoic acid	228	C14H28O2	000544-63-8	94





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ClientSampleId :
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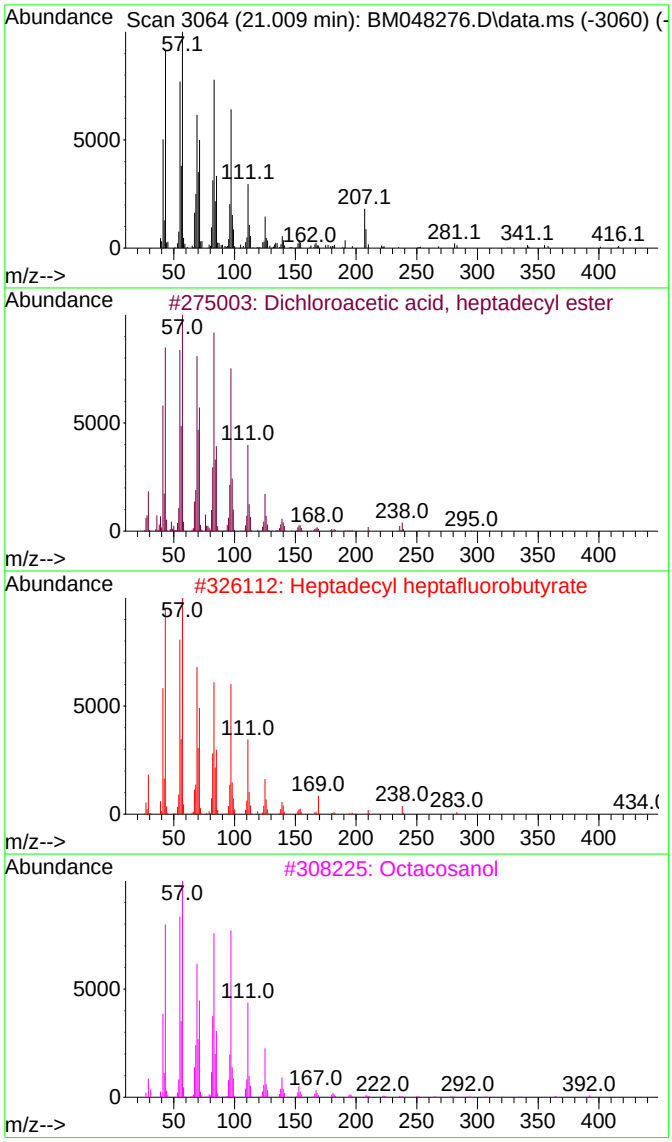
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM102624.MA.M
Quant Title : SVOA CALIBRATION

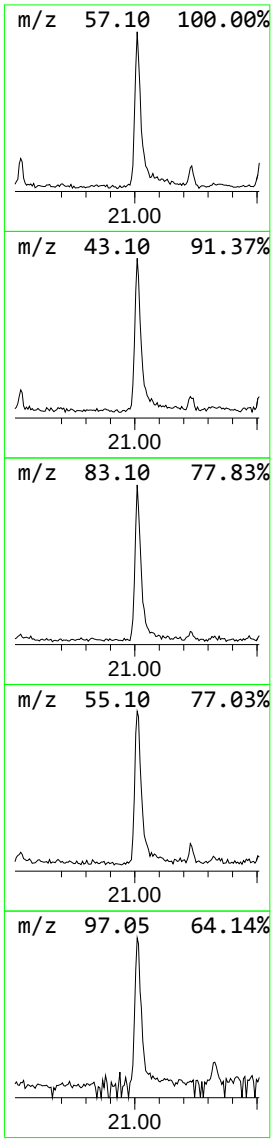
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Dichloroacetic acid, heptad... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.009	2.66 ng/ul	364435	Chrysene-d12	21.327

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	93
2	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	93
3	Octacosanol	410	C28H58O	000557-61-9	91
4	2- Chloropropionic acid, octadec...	360	C21H41ClO2	088104-31-8	91
5	1-Heneicosyl formate	340	C22H44O2	077899-03-7	90





Tentatively Identified Compound (LSC) summary

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TIC Integration Parameters: LSCINT.P

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Benzophenone	15.722	4.9	ng/ul	646931	3	14.363	2663910	20.0
n-Hexadecanoic ...	18.004	4.8	ng/ul	708770	4	17.104	2970210	20.0
Dichloroacetic ...	21.009	2.7	ng/ul	364435	5	21.327	2745000	20.0