LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101424\
Data File : BM048067.D
Acq On : 15 Oct 2024 19:06
Operator : RC/JU
Sample : P4350-11
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
EOAK2

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-BM092724.MA.M
Title : SVOA CALIBRATION

Signal : TIC: BM048067.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.240	39	43	48	rBV	36195	48240	1.19%	0.100%
2	3.658	110	114	128	rBV	416555	677987	16.70%	1.408%
3	3.981	165	169	173	rVB2	13175	18400	0.45%	0.038%
4	4.205	204	207	212	rVB6	8931	11562	0.28%	0.024%
5	4.610	273	276	279	rVB5	5232	6098	0.15%	0.013%
6	4.899	322	325	328	rVB5	4658	5139	0.13%	0.011%
7	6.804	641	649	655	rBV9	7904	21486	0.53%	0.045%
8	6.957	667	675	690	rBV	519844	954336	23.51%	1.982%
9	7.110	692	701	710	rBV	450481	725154	17.86%	1.506%
10	7.316	730	736	744	rBV	566954	917033	22.59%	1.904%
11	7.781	807	815	823	rBV	939819	1534888	37.81%	3.187%
12	7.851	823	827	834	rVB3	19225	38902	0.96%	0.081%
13	8.492	928	936	954	rBV	684790	1194078	29.42%	2.479%
14	8.687	965	969	972	rBV6	4518	6495	0.16%	0.013%
15	8.934	1004	1011	1022	rBV	498781	858398	21.15%	1.782%
16	9.104	1037	1040	1047	rVB9	7010	12955	0.32%	0.027%
17	9.363	1079	1084	1092	rVB	21843	33002	0.81%	0.069%
18	9.498	1101	1107	1117	rBV2	62971	110774	2.73%	0.230%
19	9.657	1127	1134	1140	rBV	424419	722960	17.81%	1.501%
20	9.904	1172	1176	1183	rVB10	7121	14513	0.36%	0.030%
21	10.198	1219	1226	1243	rBV	647848	1183976	29.17%	2.458%
22	10.357	1251	1253	1262	rVB8	5681	10977	0.27%	0.023%
23	10.575	1282	1290	1299	rBV	1305793	2241316	55.22%	4.654%
24	10.710	1306	1313	1331	rBV	571217	1089846	26.85%	2.263%
25	10.886	1340	1343	1347	rVB6	5517	7934	0.20%	0.016%
26	11.051	1369	1371	1376	rVB6	3215	4665	0.11%	0.010%
27	11.128	1376	1384	1389	rBV10	11659	29318	0.72%	0.061%
28	11.386	1420	1428	1436	rBV10	5869	15386	0.38%	0.032%
29	11.863	1503	1509	1514	rVB7	5975	11934	0.29%	0.025%
30	11.910	1514	1517	1518	rBV3	5333	4714	0.12%	0.010%
31	11.928	1518	1520	1526	rVV5	9097	10310	0.25%	0.021%
32	11.992	1529	1531	1537	rVB6	7640	13142	0.32%	0.027%
33	12.169	1557	1561	1567	rVB4	11065	18194	0.45%	0.038%
34	12.633	1635	1640	1644	rBV7	3417	6003	0.15%	0.012%
35	12.822	1668	1672	1677	rVB7	4527	8234	0.20%	0.017%
36	12.880	1677	1682	1684	rBV5	5828	9099	0.22%	0.019%

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Instrument :
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EOAK2

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 >
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Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM092724.MA.M
Title : SVOA CALIBRATION

37	12.963	1689	1696	1697	rVV5	3333	6647	0.16%	0.014%
38	13.027	1700	1707	1710	rBV9	2424	5235	0.13%	0.011%
39	13.245	1736	1744	1751	rBV4	22957	37791	0.93%	0.078%
40	13.380	1764	1767	1771	rBV5	4103	5013	0.12%	0.010%
41	13.539	1790	1794	1797	rBV5	2818	4264	0.11%	0.009%
42	13.827	1835	1843	1855	rBV	1260267	1827563	45.02%	3.795%
43	14.110	1881	1891	1904	rBV	1440062	2243399	55.27%	4.658%
44	14.274	1917	1919	1921	rVB3	5113	4367	0.11%	0.009%
45	14.322	1924	1927	1931	rVB4	10557	14942	0.37%	0.031%
46	14.416	1934	1943	1953	rBV	1968857	2944331	72.53%	6.114%
47	14.633	1973	1980	2000	rBV	255897	587799	14.48%	1.220%
48	14.839	2009	2015	2019	rBV9	16081	26437	0.65%	0.055%
49	14.969	2033	2037	2043	rBV4	8129	18127	0.45%	0.038%
50	15.180	2067	2073	2076	rVV6	4938	11980	0.30%	0.025%
51	15.216	2076	2079	2084	rVV5	7807	14339	0.35%	0.030%
52	15.269	2086	2088	2092	rVB3	6812	7316	0.18%	0.015%
53	15.410	2105	2112	2127	rBV	1892508	2787376	68.67%	5.788%
54	15.533	2127	2133	2140	rBV	398456	579012	14.26%	1.202%
55	15.651	2150	2153	2161	rVB10	10776	17552	0.43%	0.036%
56	15.774	2168	2174	2181	rBV	292769	414251	10.21%	0.860%
57	15.863	2187	2189	2192	rBV4	3573	4356	0.11%	0.009%
58	15.974	2205	2208	2213	rVB7	4940	8456	0.21%	0.018%
59	16.121	2231	2233	2237	rBV5	4808	6986	0.17%	0.015%
60	16.198	2243	2246	2249	rVB4	6197	5967	0.15%	0.012%
61	16.339	2265	2270	2273	rBV6	3781	7548	0.19%	0.016%
62	16.468	2288	2292	2297	rBV7	5200	7705	0.19%	0.016%
63	16.563	2304	2308	2312	rBV7	7128	12248	0.30%	0.025%
64	16.686	2327	2329	2335	rBV7	2313	4689	0.12%	0.010%
65	16.921	2367	2369	2371	rBV3	5854	7244	0.18%	0.015%
66	17.157	2403	2409	2420	rBV	2298105	3350206	82.53%	6.956%
67	17.257	2420	2426	2436	rVV2	2049609	3036170	74.80%	6.304%
68	17.357	2439	2443	2450	rVB4	33106	56369	1.39%	0.117%
69	17.439	2456	2457	2462	rVB4	7549	8713	0.21%	0.018%
70	17.927	2536	2540	2544	rBV6	14064	27400	0.68%	0.057%
71	18.057	2556	2562	2583	rBV	786578	1459186	35.95%	3.030%
72	19.109	2738	2741	2749	rVB6	29588	44337	1.09%	0.092%
73	19.186	2750	2754	2756	rBV2	38624	55396	1.36%	0.115%
74	19.333	2774	2779	2791	rBV	246904	492903	12.14%	1.023%
75	19.545	2810	2815	2828	rBV	2572922	3649751	89.91%	7.578%
76	21.062	3069	3073	3083	rBV	327996	467100	11.51%	0.970%

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Instrument :
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ClientSampleId :
EOAK2

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

77	21.386	3122	3128	3142	rBV	2315398	3728792	91.86%	7.742%
78	24.174	3595	3602	3617	rVB	1411232	3524773	86.83%	7.319%
79	24.386	3629	3638	3649	rVB	1541407	4059246	100.00%	8.429%

Sum of corrected areas: 48160730

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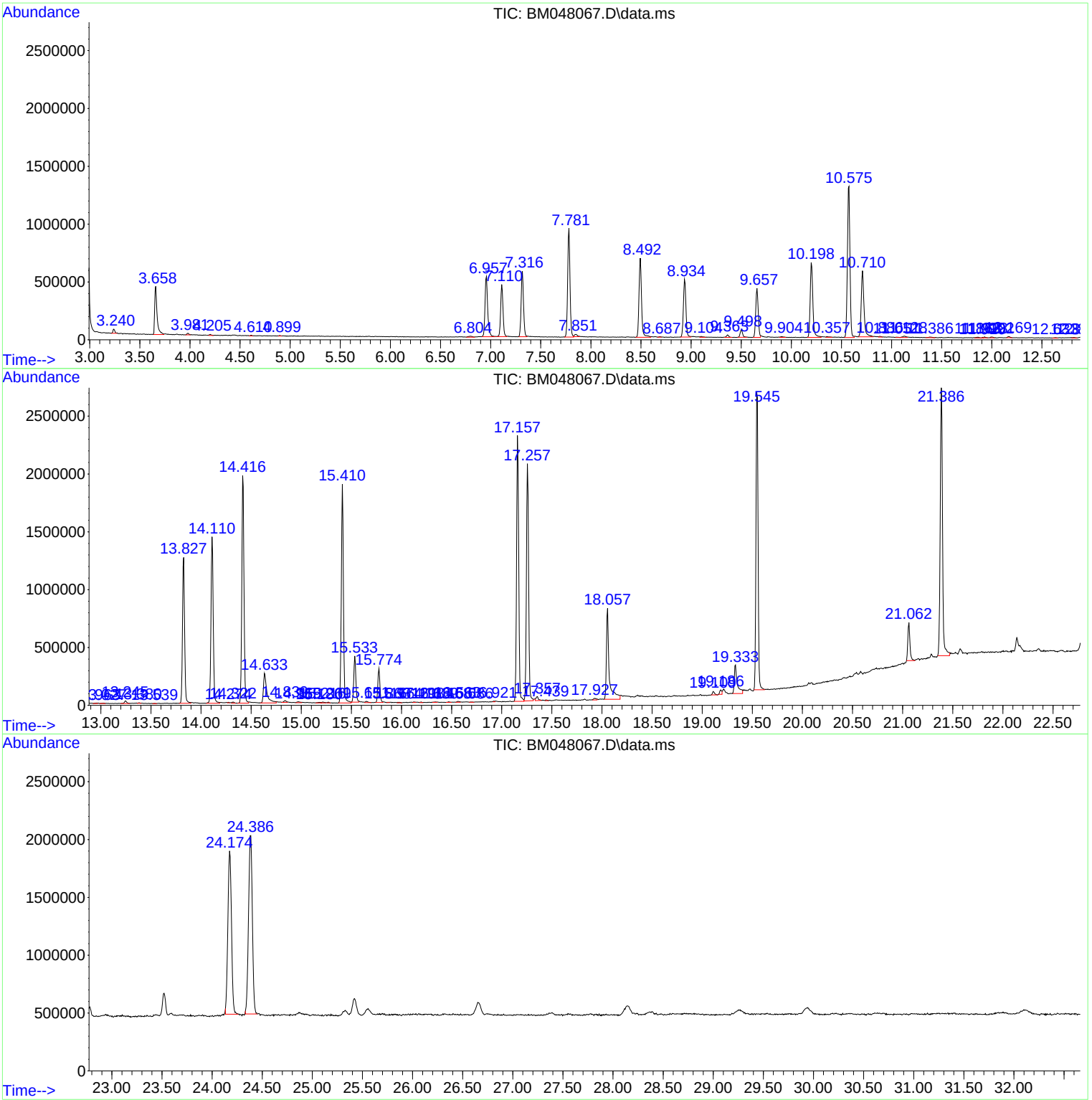
Instrument :
BNA_M
ClientSampleId :
EOAK2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM092724.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-BM092724.MA.M
Quant Title : SVOA CALIBRATION

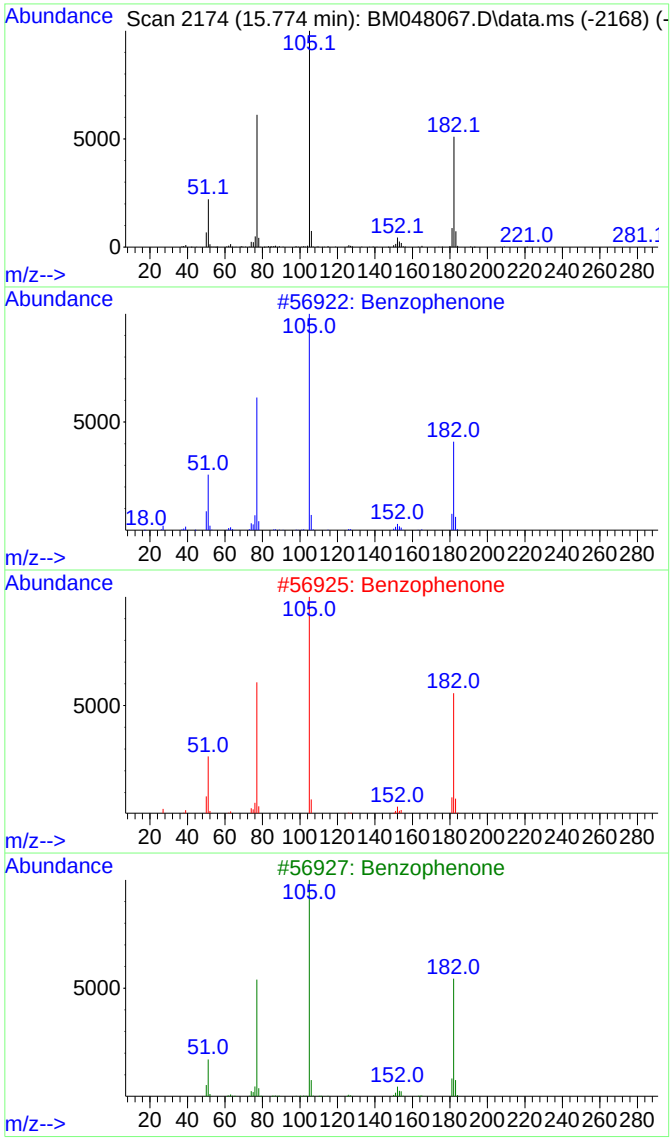
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

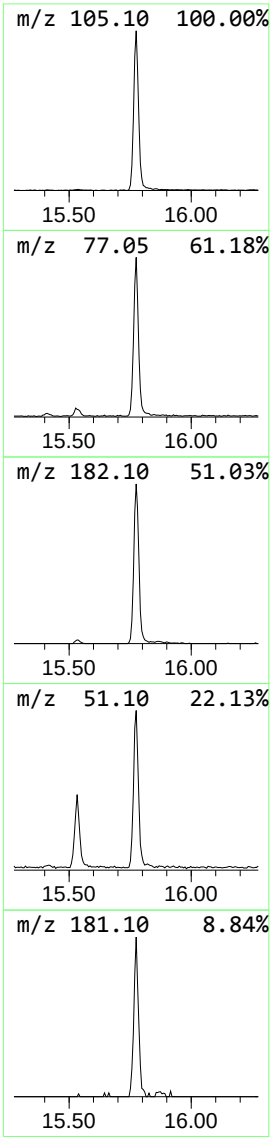
****

Peak Number 1 Benzophenone Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.774	2.81 ng/ul	414251	Acenaphthene-d10	14.416

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	97
2	Benzophenone	182	C13H10O	000119-61-9	96
3	Benzophenone	182	C13H10O	000119-61-9	95
4	Benzophenone	182	C13H10O	000119-61-9	90
5	Benzenecarbothioic acid, S-methy...	152	C8H8OS	005925-68-8	50





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ClientSampleId :
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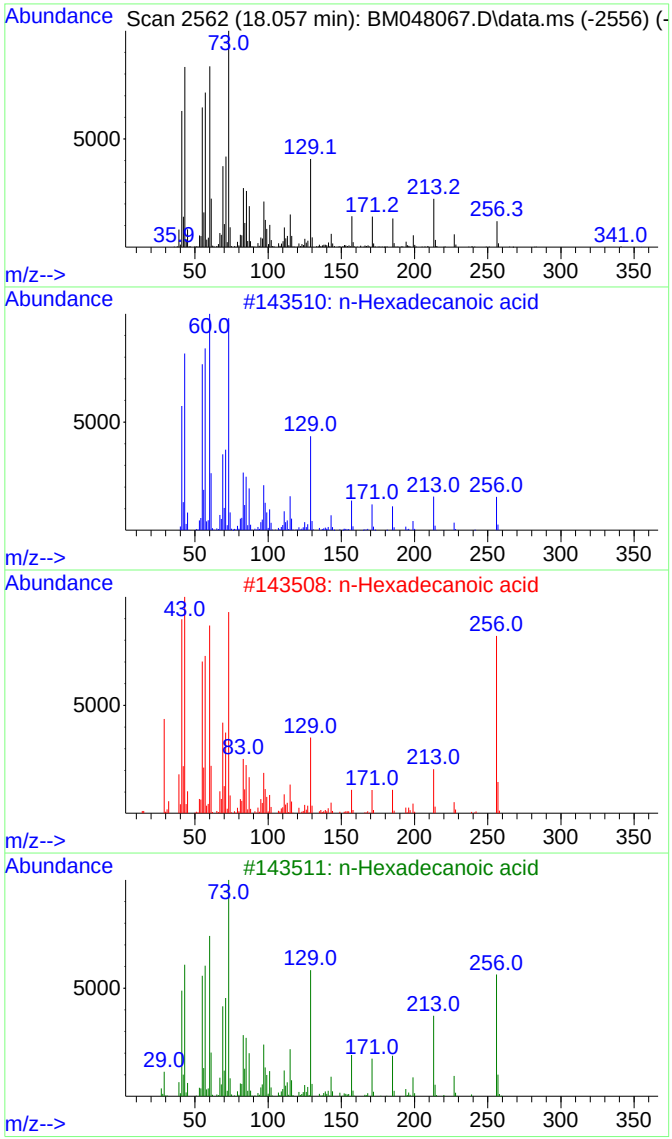
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM092724.MA.M
Quant Title : SVOA CALIBRATION

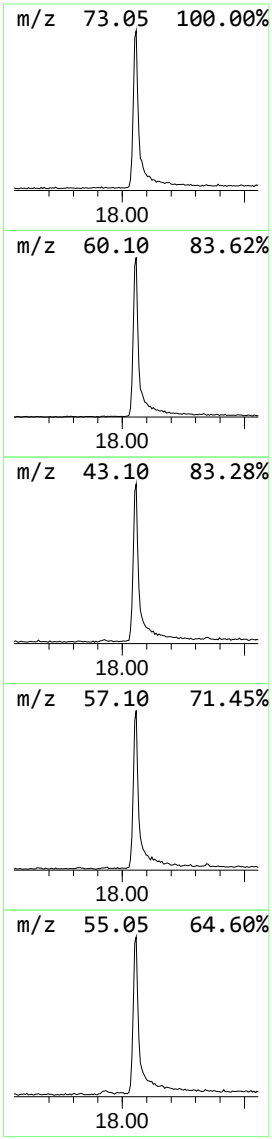
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.057	8.71 ng/ul	1459190	Phenanthrene-d10	17.157

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	98
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	94





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Sample : P4350-11
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BNA_M
ClientSampleId :
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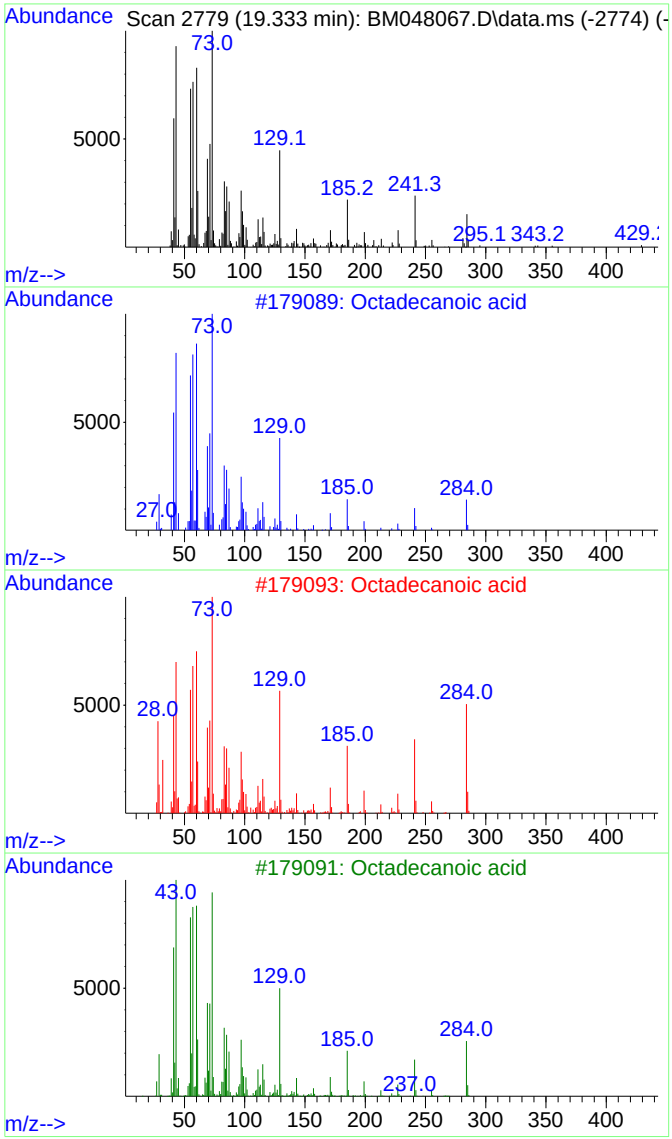
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM092724.MA.M
Quant Title : SVOA CALIBRATION

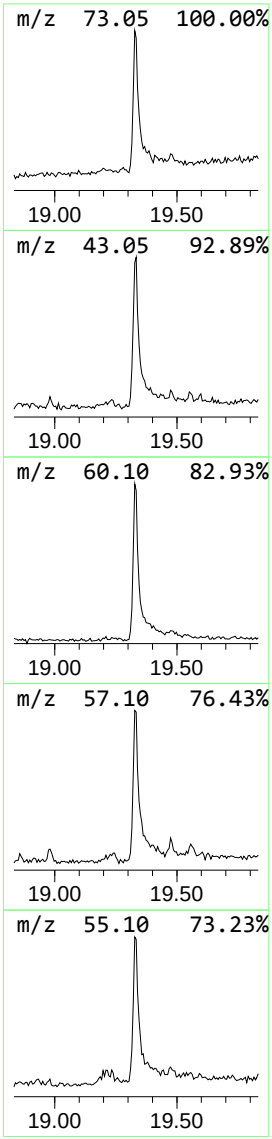
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Octadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.333	2.64 ng/ul	492903	Chrysene-d12	21.386

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	99
3	Octadecanoic acid	284	C18H36O2	000057-11-4	99
4	Octadecanoic acid	284	C18H36O2	000057-11-4	98
5	Octadecanoic acid	284	C18H36O2	000057-11-4	96





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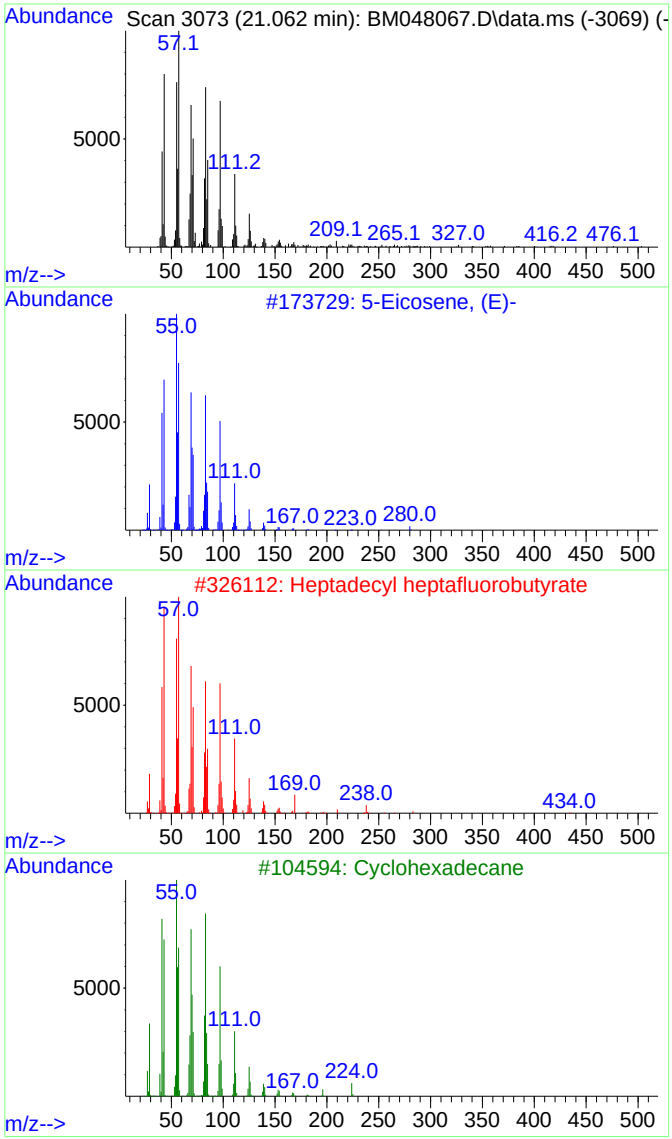
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM092724.MA.M
Quant Title : SVOA CALIBRATION

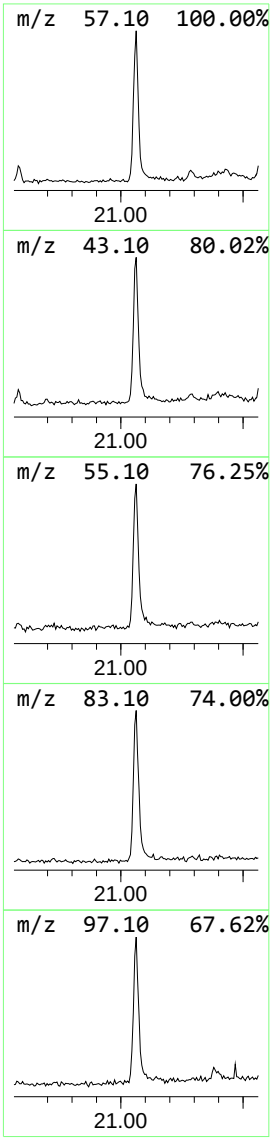
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.062	2.51 ng/ul	467100	Chrysene-d12	21.386

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Eicosene, (E)-	280	C20H40	074685-30-6	96
2	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	94
3	Cyclohexadecane	224	C16H32	000295-65-8	93
4	n-Tetracosanol-1	354	C24H50O	000506-51-4	91
5	Pentafluoropropionic acid, octad...	416	C21H37F5O2	959261-25-7	91





Tentatively Identified Compound (LSC) summary

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM092724.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
Benzophenone	15.774	2.8	ng/ul	414251	3	14.416	2944330	20.0
n-Hexadecanoic ...	18.057	8.7	ng/ul	1459190	4	17.157	3350210	20.0
Octadecanoic acid	19.333	2.6	ng/ul	492903	5	21.386	3728790	20.0
(DEL) Alkane: S...	21.062	2.5	ng/ul	467100	5	21.386	3728790	20.0