LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122022\
Data File : BM038172.D
Acq On : 21 Dec 2022 15:12
Operator : CG/JU
Sample : N6014-12
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBXS4

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-BM120722.M
Title : SVOA CALIBRATION

Signal : TIC: BM038172.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.393	31	35	45	rVB	47036	67456	1.50%	0.128%
2	3.828	105	109	125	rBV	621835	1049871	23.33%	1.997%
3	4.163	162	166	172	rBV2	11735	21421	0.48%	0.041%
4	4.540	228	230	235	rVB6	3301	4989	0.11%	0.009%
5	5.122	325	329	333	rVB	9725	13661	0.30%	0.026%
6	5.340	361	366	370	rBV7	5170	10446	0.23%	0.020%
7	5.787	438	442	449	rBV7	7107	11723	0.26%	0.022%
8	7.204	676	683	696	rVB	935090	1458799	32.42%	2.774%
9	7.369	704	711	725	rVB	678978	1037291	23.05%	1.973%
10	7.569	738	745	755	rBV	950565	1479450	32.88%	2.814%
11	8.039	818	825	832	rBV	616400	972437	21.61%	1.849%
12	8.098	832	835	839	rVB6	4248	5167	0.11%	0.010%
13	8.292	863	868	873	rBV7	4991	7772	0.17%	0.015%
14	8.757	940	947	956	rBV	1097124	1760895	39.13%	3.349%
15	9.216	1018	1025	1034	rBV	901559	1445739	32.13%	2.750%
16	9.286	1034	1037	1041	rVV5	7683	12249	0.27%	0.023%
17	9.363	1045	1050	1056	rVB7	7912	14629	0.33%	0.028%
18	9.598	1086	1090	1095	rVB5	11208	18059	0.40%	0.034%
19	9.939	1140	1148	1155	rBV	774460	1248167	27.74%	2.374%
20	10.157	1180	1185	1190	rVB7	4371	9318	0.21%	0.018%
21	10.475	1232	1239	1248	rBV	1209376	2004859	44.55%	3.813%
22	10.633	1259	1266	1273	rBV2	48581	90335	2.01%	0.172%
23	10.857	1296	1304	1311	rBV	882283	1415379	31.45%	2.692%
24	10.904	1311	1312	1317	rVB4	4508	5184	0.12%	0.010%
25	10.998	1320	1328	1340	rBV	1032878	1718449	38.19%	3.268%
26	11.398	1390	1396	1403	rBV8	7065	15043	0.33%	0.029%
27	11.527	1413	1418	1420	rBV6	2767	4683	0.10%	0.009%
28	11.639	1433	1437	1441	rBV6	3224	5825	0.13%	0.011%
29	12.251	1537	1541	1544	rBV5	5765	8564	0.19%	0.016%
30	12.386	1560	1564	1567	rBV5	3023	4558	0.10%	0.009%
31	12.433	1567	1572	1578	rVV2	19526	32499	0.72%	0.062%
32	12.657	1608	1610	1615	rVB5	4476	5187	0.12%	0.010%
33	13.051	1674	1677	1681	rVB5	3342	4751	0.11%	0.009%
34	13.192	1697	1701	1704	rBV5	4159	6357	0.14%	0.012%
35	13.480	1743	1750	1755	rBV4	14893	22173	0.49%	0.042%
36	13.657	1777	1780	1783	rVB4	5274	7058	0.16%	0.013%

LSC Area Percent Report

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Operator : CG/JU
Sample : N6014-12
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBXS4

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-BM120722.M
Title : SVOA CALIBRATION

37	13.716	1783	1790	1796	rBV8	7619	15270	0.34%	0.029%
38	13.992	1834	1837	1839	rBV4	3892	5098	0.11%	0.010%
39	14.080	1843	1852	1858	rBV	1978425	2658348	59.08%	5.056%
40	14.192	1866	1871	1875	rVB8	4979	6679	0.15%	0.013%
41	14.310	1887	1891	1894	rBV6	4545	8229	0.18%	0.016%
42	14.368	1894	1901	1912	rVB	2411772	3408305	75.74%	6.482%
43	14.545	1926	1931	1937	rVB6	10105	14526	0.32%	0.028%
44	14.668	1941	1952	1959	rBV	1283842	1836487	40.81%	3.493%
45	14.733	1959	1963	1966	rVB6	3221	5016	0.11%	0.010%
46	14.868	1979	1986	1998	rBV	809669	1228840	27.31%	2.337%
47	15.027	2008	2013	2017	rBV4	11216	15899	0.35%	0.030%
48	15.068	2017	2020	2024	rVV3	17059	25181	0.56%	0.048%
49	15.115	2024	2028	2034	rVB3	11212	17976	0.40%	0.034%
50	15.433	2077	2082	2084	rBV6	4693	7679	0.17%	0.015%
51	15.492	2088	2092	2096	rVB5	6549	9966	0.22%	0.019%
52	15.657	2113	2120	2127	rVV	2945523	4051114	90.03%	7.705%
53	15.774	2134	2140	2148	rBV	431680	603522	13.41%	1.148%
54	15.892	2154	2160	2165	rBV4	16254	27586	0.61%	0.052%
55	16.015	2173	2181	2189	rBV	227069	322681	7.17%	0.614%
56	16.192	2208	2211	2213	rBV4	3910	5716	0.13%	0.011%
57	16.280	2223	2226	2229	rVB5	4217	6104	0.14%	0.012%
58	16.351	2235	2238	2240	rBV3	9133	9451	0.21%	0.018%
59	16.374	2240	2242	2246	rVB4	6722	7798	0.17%	0.015%
60	16.504	2260	2264	2266	rBV4	6092	8964	0.20%	0.017%
61	16.539	2266	2270	2274	rVV	39419	58794	1.31%	0.112%
62	16.580	2274	2277	2283	rVB6	12562	18595	0.41%	0.035%
63	16.792	2310	2313	2318	rVB4	16059	18734	0.42%	0.036%
64	16.851	2320	2323	2327	rVB5	6383	7043	0.16%	0.013%
65	17.145	2370	2373	2377	rVB5	5424	7228	0.16%	0.014%
66	17.286	2391	2397	2404	rBV3	35857	57930	1.29%	0.110%
67	17.351	2404	2408	2412	rBV5	17545	26652	0.59%	0.051%
68	17.409	2412	2418	2423	rBV	1490398	2069097	45.98%	3.935%
69	17.509	2428	2435	2441	rVB	3023441	4123726	91.64%	7.843%
70	17.668	2458	2462	2472	rBV6	17346	37461	0.83%	0.071%
71	17.751	2473	2476	2478	rBV4	8678	9990	0.22%	0.019%
72	17.880	2495	2498	2501	rBV5	6447	8769	0.19%	0.017%
73	17.915	2502	2504	2511	rVB8	11965	18275	0.41%	0.035%
74	18.009	2518	2520	2525	rBV6	6551	13375	0.30%	0.025%
75	18.056	2525	2528	2534	rVB8	15194	23473	0.52%	0.045%
76	18.168	2542	2547	2553	rBV8	23036	44180	0.98%	0.084%

LSC Area Percent Report

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Integration Parameters: LSCINT.P
Integrator: RTE
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Title : SVOA CALIBRATION

77	18.227	2553	2557	2562	rBV5	24965	42571	0.95%	0.081%
78	18.286	2562	2567	2577	rBV	684923	1006888	22.38%	1.915%
79	18.627	2623	2625	2630	rVB6	14222	20272	0.45%	0.039%
80	18.703	2634	2638	2642	rBV3	37195	45428	1.01%	0.086%
81	18.950	2677	2680	2684	rBV6	11390	18470	0.41%	0.035%
82	19.198	2719	2722	2729	rVB2	42903	48366	1.07%	0.092%
83	19.356	2746	2749	2753	rVB	39464	49502	1.10%	0.094%
84	19.433	2755	2762	2763	rBV3	84867	170824	3.80%	0.325%
85	19.456	2764	2766	2773	rVB	104616	131872	2.93%	0.251%
86	19.550	2778	2782	2795	rBV	224960	372428	8.28%	0.708%
87	19.792	2817	2823	2834	rBV	3434275	4499931	100.00%	8.558%
88	20.303	2908	2910	2914	rVB2	79125	82415	1.83%	0.157%
89	20.762	2984	2988	2991	rBV	147446	179960	4.00%	0.342%
90	21.262	3069	3073	3081	rBV	718971	940632	20.90%	1.789%
91	21.574	3122	3126	3132	rVB	1366517	1734187	38.54%	3.298%
92	22.197	3228	3232	3243	rVB	755526	1214666	26.99%	2.310%
93	23.868	3510	3516	3532	rVB2	1788952	3573618	79.41%	6.797%
94	24.027	3538	3543	3552	rVB2	827273	1597215	35.49%	3.038%

Sum of corrected areas: 52579445

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Instrument :
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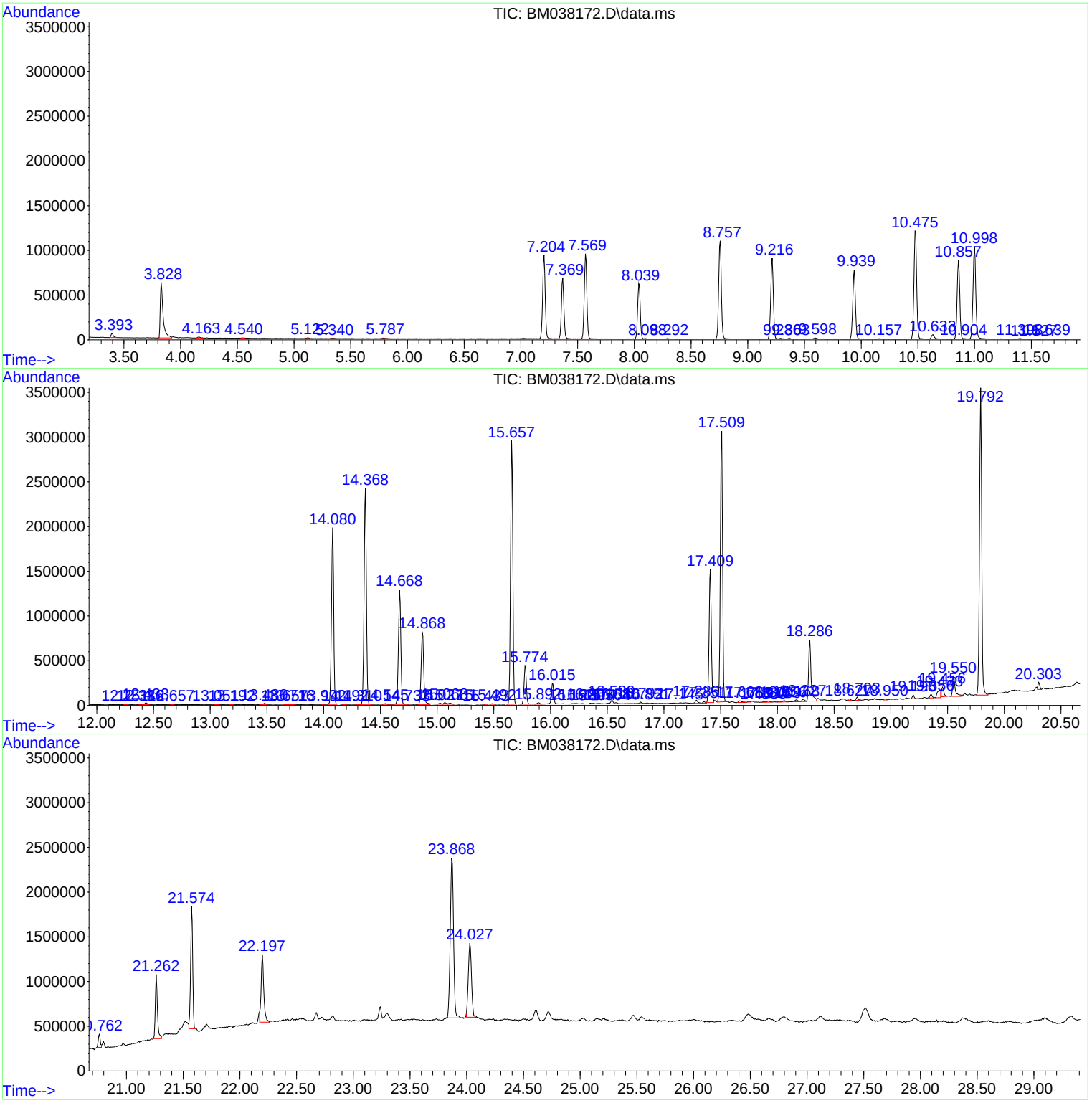
ClientSampleId :
DBXS4

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120722.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122022\
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120722.M
Quant Title : SVOA CALIBRATION

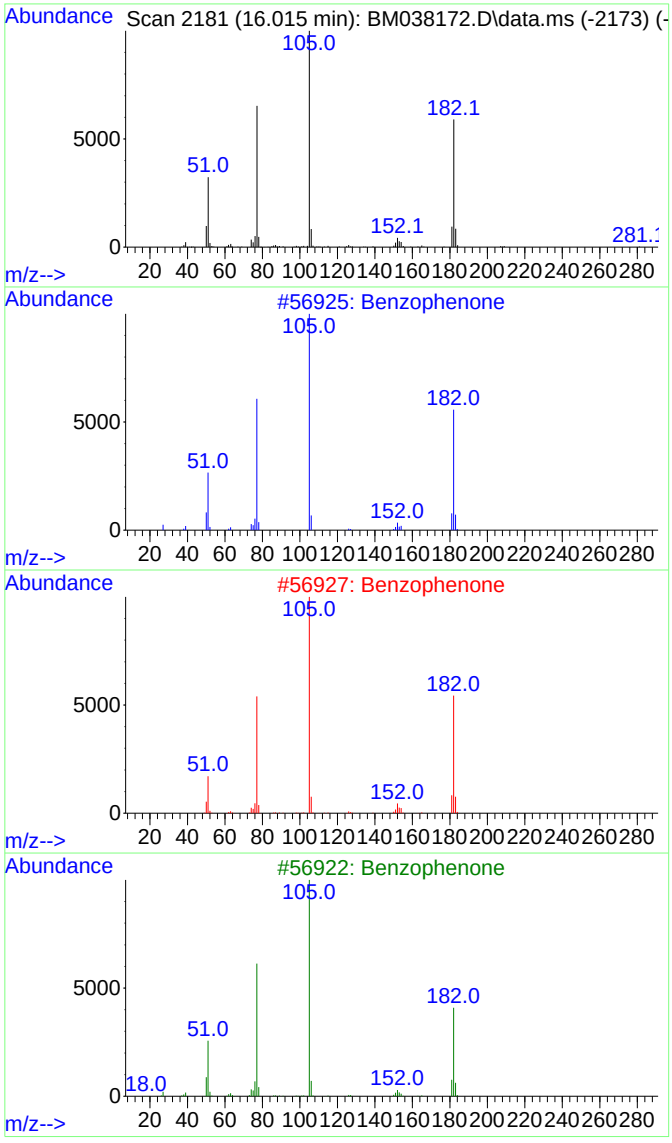
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

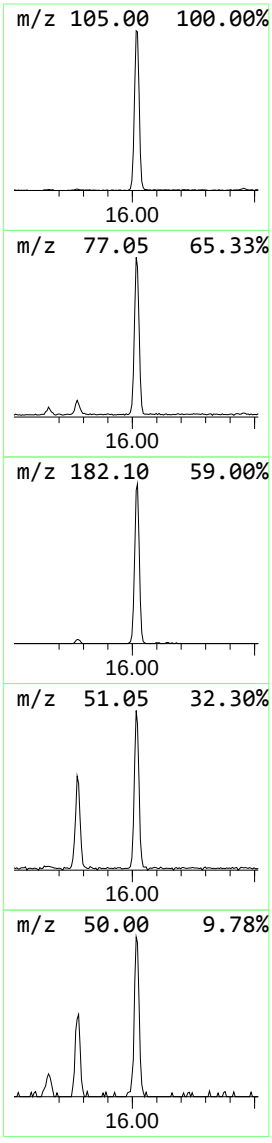
****

Peak Number 1 Benzophenone Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.015	3.51 ng/ul	322681	Acenaphthene-d10	14.668

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	81
5	Benzenebutanoic acid, .gamma.-oxo-	178	C10H10O3	002051-95-8	47





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122022\
Data File : BM038172.D
Acq On : 21 Dec 2022 15:12
Operator : CG/JU
Sample : N6014-12
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBXS4

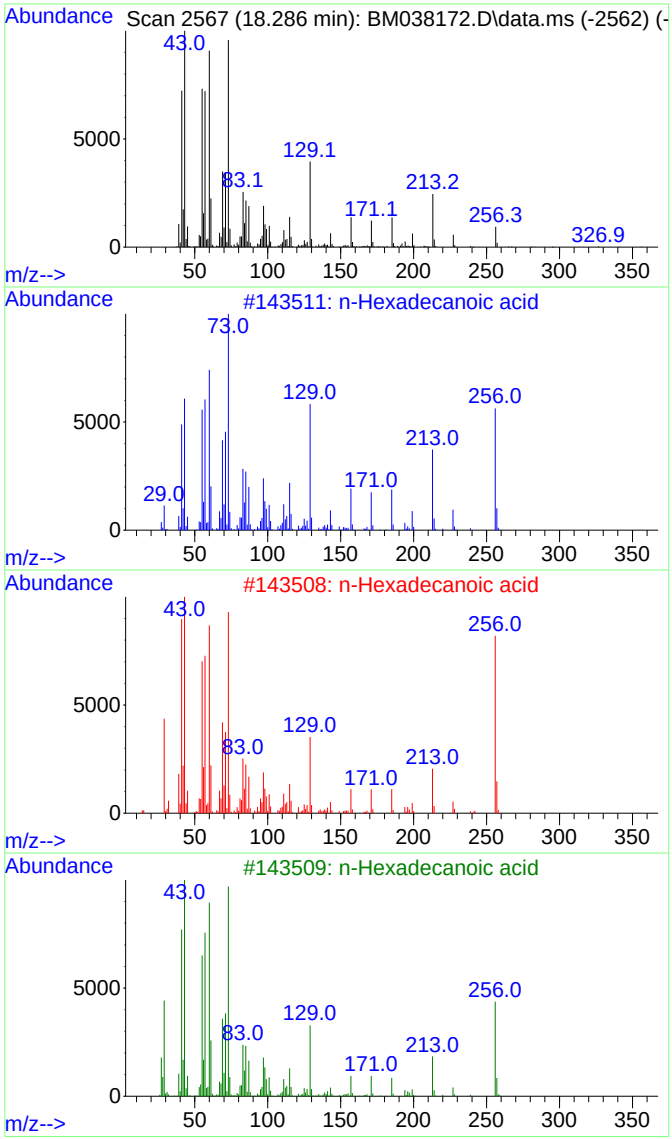
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120722.M
Quant Title : SVOA CALIBRATION

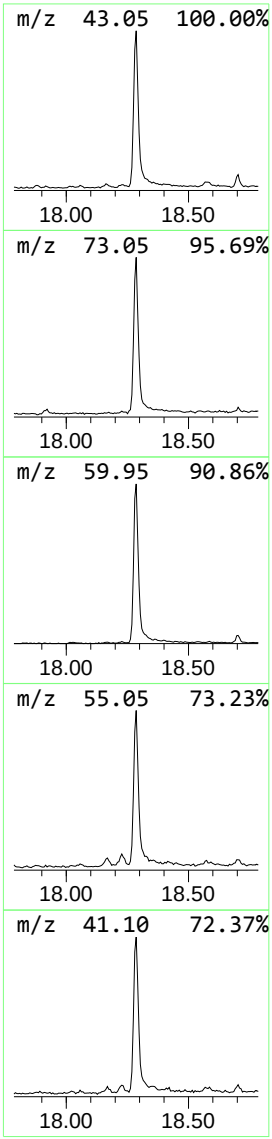
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.286	9.73 ng/ul	1006890	Phenanthrene-d10	17.409

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
4	Octadecanoic acid	284	C18H36O2	000057-11-4	93
5	Tridecanoic acid	214	C13H26O2	000638-53-9	91





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ALS Vial : 40 Sample Multiplier: 1

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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120722.M
Quant Title : SVOA CALIBRATION

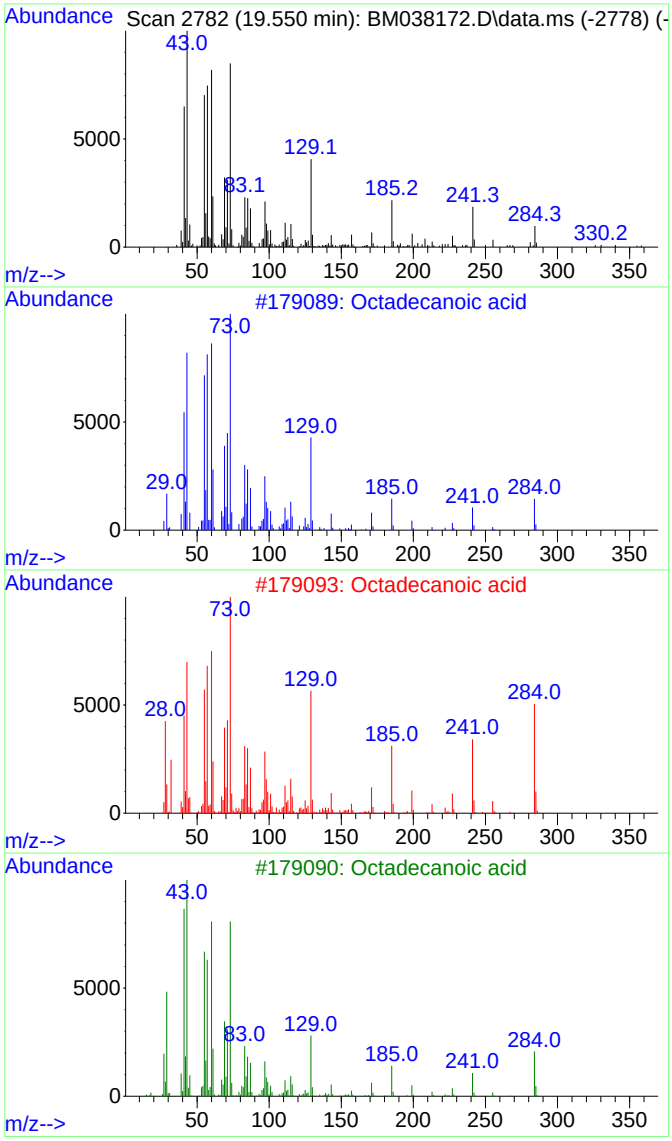
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

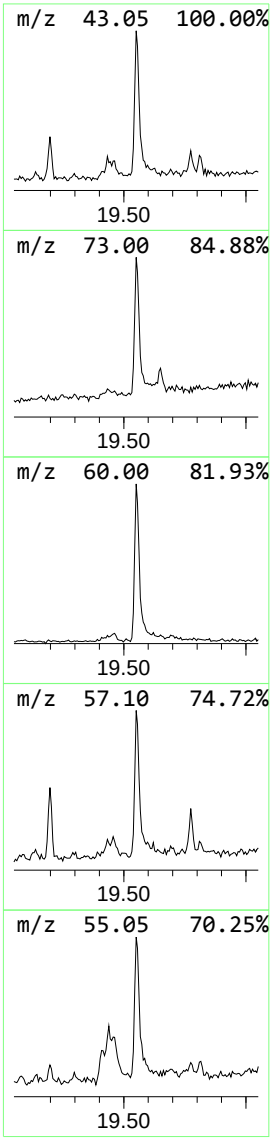
****

Peak Number 3 Octadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.550	4.30 ng/ul	372428	Chrysene-d12	21.574

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	98
4	Octadecanoic acid	284	C18H36O2	000057-11-4	93
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	83





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Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_M
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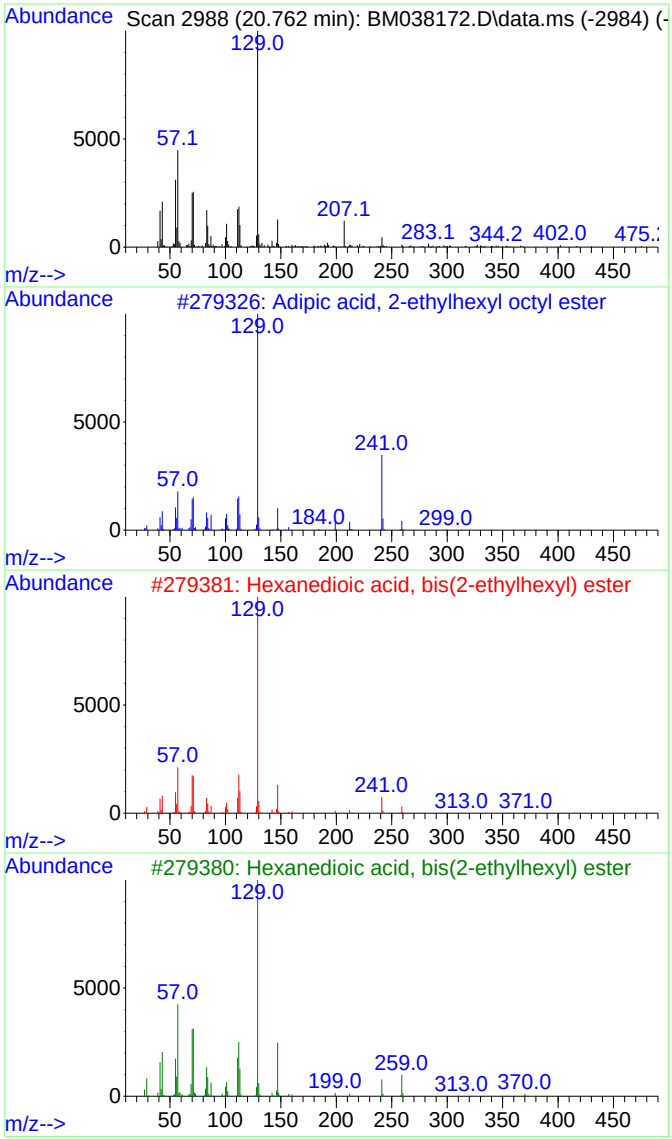
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120722.M
Quant Title : SVOA CALIBRATION

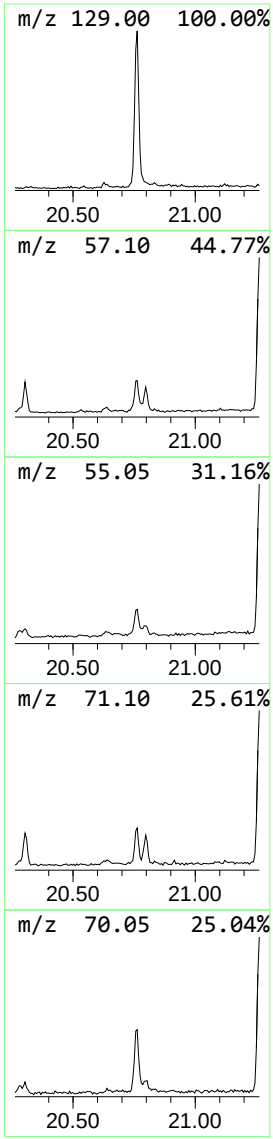
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Adipic acid, 2-ethylhexyl o... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.762	2.08 ng/ul	179960	Chrysene-d12	21.574

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Adipic acid, 2-ethylhexyl octyl ...	370	C22H42O4	1000324-48-6	90
2	Hexanedioic acid, bis(2-ethylhex...	370	C22H42O4	000103-23-1	87
3	Hexanedioic acid, bis(2-ethylhex...	370	C22H42O4	000103-23-1	80
4	Hexanedioic acid, bis(2-ethylhex...	370	C22H42O4	000103-23-1	80
5	Adipic acid, 2-ethylhexyl isobut...	314	C18H34O4	1010324-48-0	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122022\
Data File : BM038172.D
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Sample : N6014-12
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBXS4

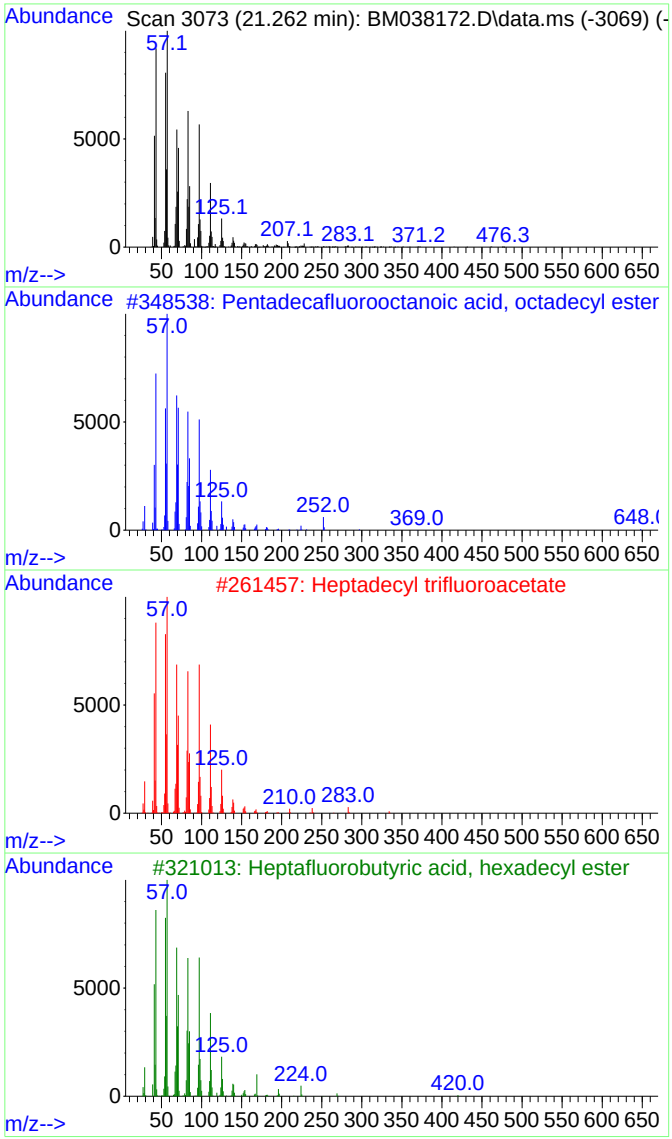
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120722.M
Quant Title : SVOA CALIBRATION

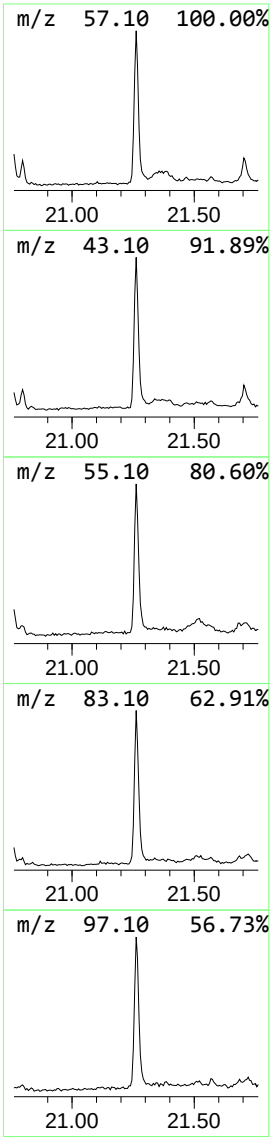
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.262	10.85 ng/ul	940632	Chrysene-d12	21.574

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecafluorooctanoic acid, oc...	666	C26H37F15O2	1000406-04-8	94
2	Heptadecyl trifluoroacetate	352	C19H35F3O2	1010351-87-0	94
3	Heptafluorobutyric acid, hexadec...	438	C20H33F7O2	006385-15-5	94
4	1-Heneicosyl formate	340	C22H44O2	077899-03-7	93
5	Eicosyl heptafluorobutyrate	494	C24H41F7O2	1000351-83-5	91





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Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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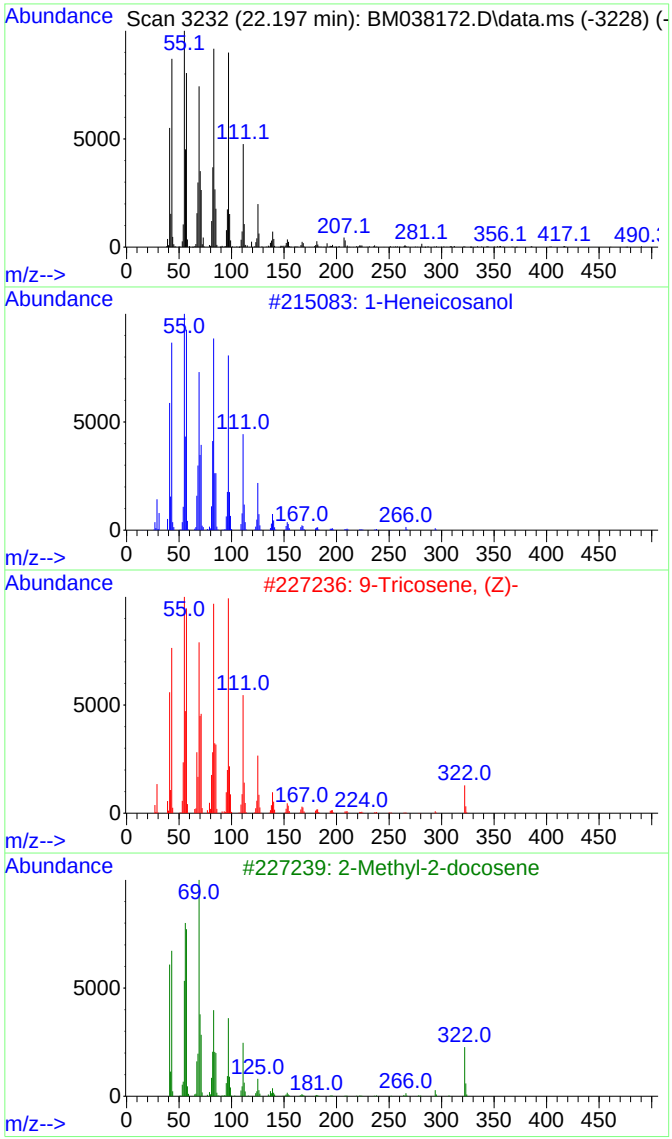
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120722.M
Quant Title : SVOA CALIBRATION

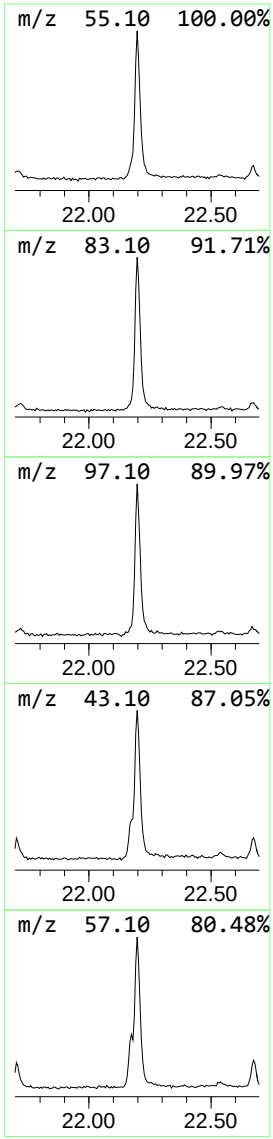
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 1-Heneicosanol Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.197	14.01 ng/ul	1214670	Chrysene-d12	21.574

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosanol	312	C21H44O	015594-90-8	94
2	9-Tricosene, (Z)-	322	C23H46	027519-02-4	91
3	2-Methyl-2-docosene	322	C23H46	1000131-16-9	89
4	n-Heptadecanol-1	256	C17H36O	001454-85-9	87
5	1-Octadecanol	270	C18H38O	000112-92-5	81





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122022\
Data File : BM038172.D
Acq On : 21 Dec 2022 15:12
Operator : CG/JU
Sample : N6014-12
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBXS4

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120722.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	16.015	3.5	ng/ul	322681	3	14.668	1836490	20.0
n-Hexadecanoic ...	18.286	9.7	ng/ul	1006890	4	17.409	2069100	20.0
Octadecanoic acid	19.550	4.3	ng/ul	372428	5	21.574	1734190	20.0
Adipic acid, 2-...	20.762	2.1	ng/ul	179960	5	21.574	1734190	20.0
Pentadecafluoro...	21.262	10.9	ng/ul	940632	5	21.574	1734190	20.0
1-Heneicosanol	22.197	14.0	ng/ul	1214670	5	21.574	1734190	20.0