LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091124\
Data File : BM047492.D
Acq On : 11 Sep 2024 21:56
Operator : RC/JU
Sample : P3878-05
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DDC49

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-BM091024.MA.M
Title : SVOA CALIBRATION

Signal : TIC: BM047492.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.299	33	36	43	rVB	77295	107629	1.25%	0.099%
2	3.710	102	106	124	rBV	1172426	1756687	20.48%	1.617%
3	4.051	161	164	173	rVB	28616	41874	0.49%	0.039%
4	4.969	317	320	328	rVB2	23726	36669	0.43%	0.034%
5	6.128	514	517	522	rVB7	9667	13135	0.15%	0.012%
6	6.834	633	637	643	rVB4	11277	18327	0.21%	0.017%
7	7.022	662	669	679	rVB	1373716	2185244	25.47%	2.011%
8	7.192	692	698	709	rVB	1106740	1720898	20.06%	1.584%
9	7.298	712	716	720	rBV6	8692	13683	0.16%	0.013%
10	7.398	726	733	744	rVB	1424417	2206128	25.72%	2.031%
11	7.510	750	752	758	rVB5	11929	14681	0.17%	0.014%
12	7.869	804	813	820	rBV	2205177	3485516	40.63%	3.208%
13	7.934	820	824	830	rVV6	33227	57771	0.67%	0.053%
14	8.234	873	875	881	rVB5	6103	8847	0.10%	0.008%
15	8.298	881	886	890	rVB3	18692	29254	0.34%	0.027%
16	8.416	900	906	910	rBV9	6644	11748	0.14%	0.011%
17	8.563	922	931	940	rBV	1807756	2832834	33.02%	2.607%
18	8.651	944	946	954	rVB9	8737	17629	0.21%	0.016%
19	9.016	1001	1008	1017	rBV	1285957	2107265	24.57%	1.940%
20	9.122	1020	1026	1032	rVB8	12490	23965	0.28%	0.022%
21	9.198	1035	1039	1041	rBV4	8642	10291	0.12%	0.009%
22	9.492	1084	1089	1092	rVB4	11592	20043	0.23%	0.018%
23	9.586	1099	1105	1111	rVB	122291	192170	2.24%	0.177%
24	9.739	1124	1131	1139	rBV	1027502	1658338	19.33%	1.526%
25	9.951	1164	1167	1175	rVB8	10918	21729	0.25%	0.020%
26	10.151	1198	1201	1206	rBV6	8061	11994	0.14%	0.011%
27	10.280	1214	1223	1234	rBV	1725948	2893671	33.73%	2.663%
28	10.445	1247	1251	1256	rVB7	9315	14468	0.17%	0.013%
29	10.663	1280	1288	1297	rBV	3155462	5398296	62.93%	4.969%
30	10.786	1301	1309	1322	rBV	1824664	3155480	36.78%	2.904%
31	11.133	1363	1368	1373	rBV7	7563	13783	0.16%	0.013%
32	11.198	1373	1379	1384	rBV3	43930	71577	0.83%	0.066%
33	11.439	1415	1420	1424	rBV5	16176	26732	0.31%	0.025%
34	11.980	1507	1512	1514	rBV5	7716	9773	0.11%	0.009%
35	12.092	1528	1531	1535	rBV5	7700	12652	0.15%	0.012%
36	12.251	1553	1558	1565	rVB2	34094	55681	0.65%	0.051%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091124\
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Operator : RC/JU
Sample : P3878-05
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DDC49

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-BM091024.MA.M
Title : SVOA CALIBRATION

37	12.869	1660	1663	1669	rBV7	7072	8844	0.10%	0.008%
38	12.921	1669	1672	1679	rVB9	8074	13572	0.16%	0.012%
39	12.998	1682	1685	1689	rBV6	8386	12152	0.14%	0.011%
40	13.110	1703	1704	1712	rVB8	7277	10001	0.12%	0.009%
41	13.286	1728	1734	1739	rVB7	15752	25948	0.30%	0.024%
42	13.339	1739	1743	1749	rBV2	36861	54024	0.63%	0.050%
43	13.474	1760	1766	1773	rBV2	14750	32022	0.37%	0.029%
44	13.904	1832	1839	1846	rBV	3450496	4574631	53.33%	4.211%
45	14.186	1875	1887	1898	rBV	3662656	5635643	65.70%	5.187%
46	14.416	1919	1926	1930	rBV4	17367	27084	0.32%	0.025%
47	14.498	1932	1940	1948	rBV	5067792	7426632	86.58%	6.836%
48	14.663	1961	1968	1982	rBV	1247943	1894490	22.08%	1.744%
49	14.910	2006	2010	2015	rVB7	26688	39273	0.46%	0.036%
50	15.115	2040	2045	2048	rBV2	48286	68931	0.80%	0.063%
51	15.310	2074	2078	2083	rBV4	13430	20468	0.24%	0.019%
52	15.363	2085	2087	2092	rVB5	12522	15784	0.18%	0.015%
53	15.486	2101	2108	2116	rBV	4979188	6895003	80.38%	6.346%
54	15.586	2119	2125	2133	rBV	518934	711503	8.29%	0.655%
55	15.727	2144	2149	2153	rBV3	23240	34369	0.40%	0.032%
56	15.845	2164	2169	2176	rVB	655634	891646	10.39%	0.821%
57	16.045	2200	2203	2212	rVB10	7693	14123	0.16%	0.013%
58	16.133	2214	2218	2219	rBV3	9390	10867	0.13%	0.010%
59	16.415	2262	2266	2269	rVB6	9536	10494	0.12%	0.010%
60	16.633	2300	2303	2311	rVB8	15306	25573	0.30%	0.024%
61	16.880	2339	2345	2357	rBV	257957	413049	4.82%	0.380%
62	17.015	2365	2368	2372	rVB3	22244	28005	0.33%	0.026%
63	17.233	2396	2405	2414	rBV	5847780	8578249	100.00%	7.896%
64	17.327	2415	2421	2432	rBV	5467069	7581308	88.38%	6.978%
65	17.415	2432	2436	2440	rVV5	46555	65063	0.76%	0.060%
66	17.521	2452	2454	2456	rBV3	12947	14897	0.17%	0.014%
67	17.851	2505	2510	2515	rBV	171803	230897	2.69%	0.213%
68	18.133	2552	2558	2569	rBV	860345	1318702	15.37%	1.214%
69	19.180	2732	2736	2741	rBV4	68246	106666	1.24%	0.098%
70	19.250	2744	2748	2752	rBV	82710	121824	1.42%	0.112%
71	19.403	2770	2774	2780	rBV2	201199	264526	3.08%	0.243%
72	19.609	2804	2809	2817	rVB	6408491	8369751	97.57%	7.704%
73	19.680	2818	2821	2824	rVB2	58698	59650	0.70%	0.055%
74	21.144	3065	3070	3081	rBV	973888	1422778	16.59%	1.310%
75	21.456	3117	3123	3131	rVB	5586612	8204181	95.64%	7.551%
76	24.291	3597	3605	3616	rVB	2531529	6245193	72.80%	5.748%

LSC Area Percent Report

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Sample : P3878-05
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
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ClientSampleId :
DDC49

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
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Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM091024.MA.M
Title : SVOA CALIBRATION

77	24.503	3632	3641	3651	rVB	2749305	6911047	80.56%	6.361%

Sum of corrected areas: 108645325

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Instrument :
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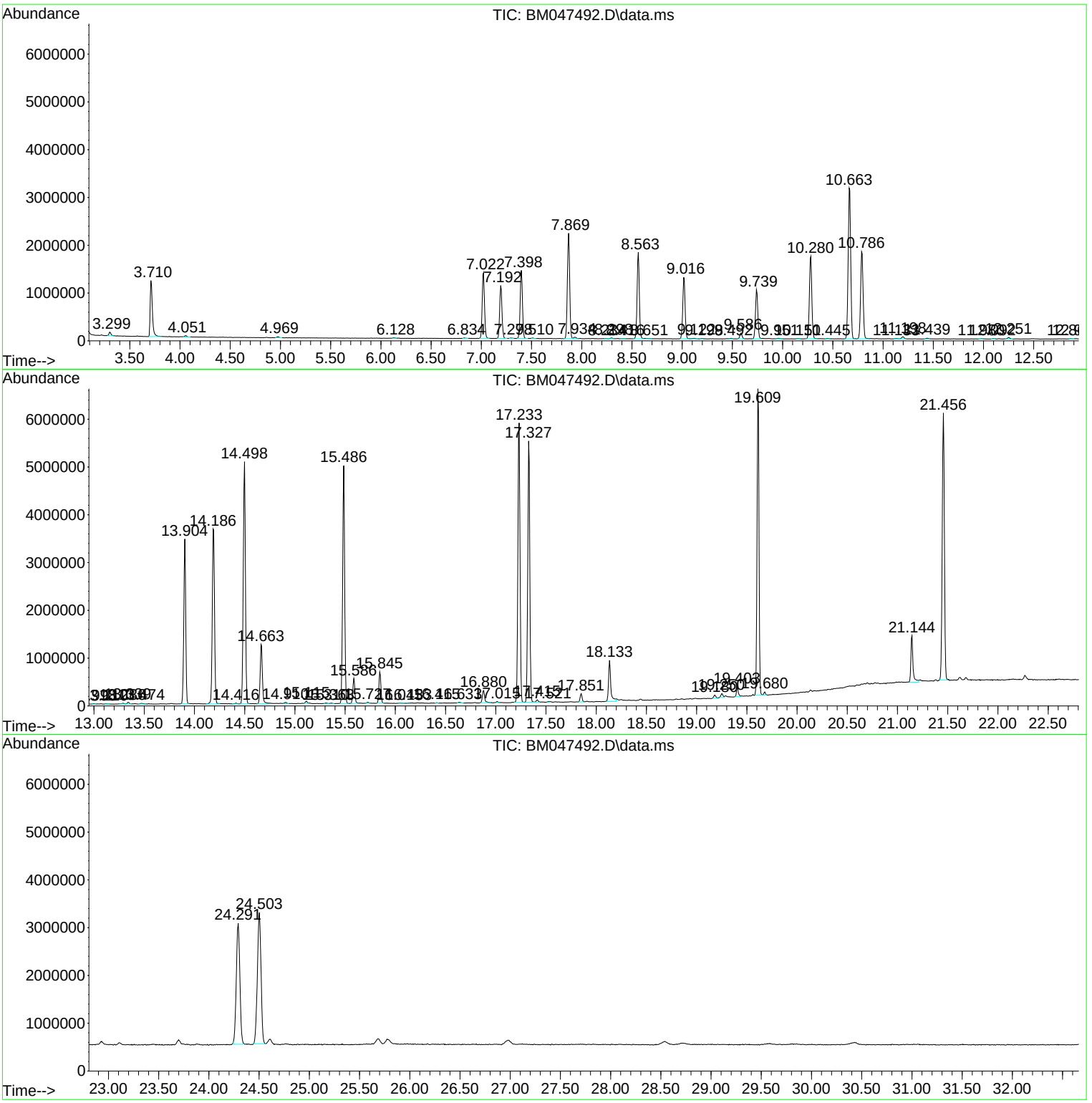
ClientSampleId :
DDC49

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM091024.MA.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091124\
Data File : BM047492.D
Acq On : 11 Sep 2024 21:56
Operator : RC/JU
Sample : P3878-05
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Instrument :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM091024.MA.M
Quant Title : SVOA CALIBRATION

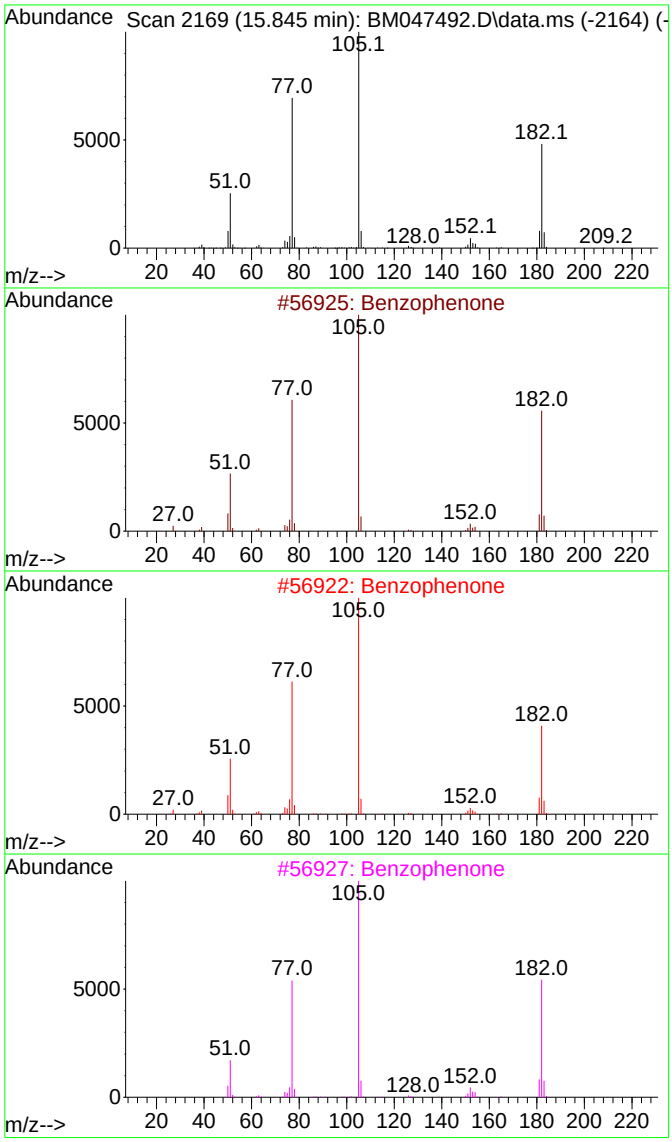
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

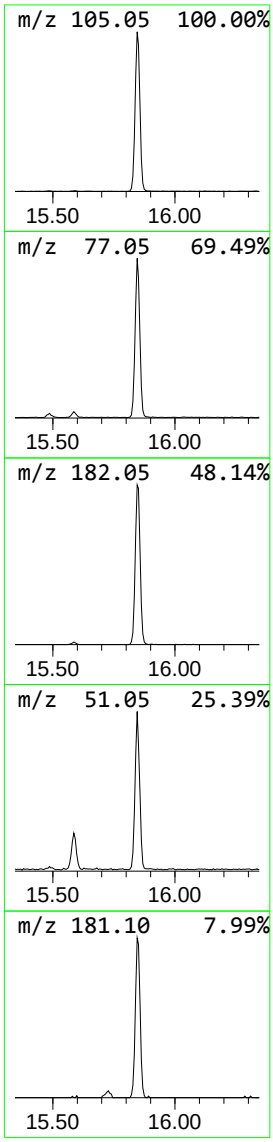
****

Peak Number 1 Benzophenone Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.845	2.40 ng/ul	891646	Acenaphthene-d10	14.498

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	Benzophenone	182	C13H10O	000119-61-9	96
3	Benzophenone	182	C13H10O	000119-61-9	95
4	Benzophenone	182	C13H10O	000119-61-9	91
5	Benzophenone	182	C13H10O	000119-61-9	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091124\
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Operator : RC/JU
Sample : P3878-05
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DDC49

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM091024.MA.M
Quant Title : SVOA CALIBRATION

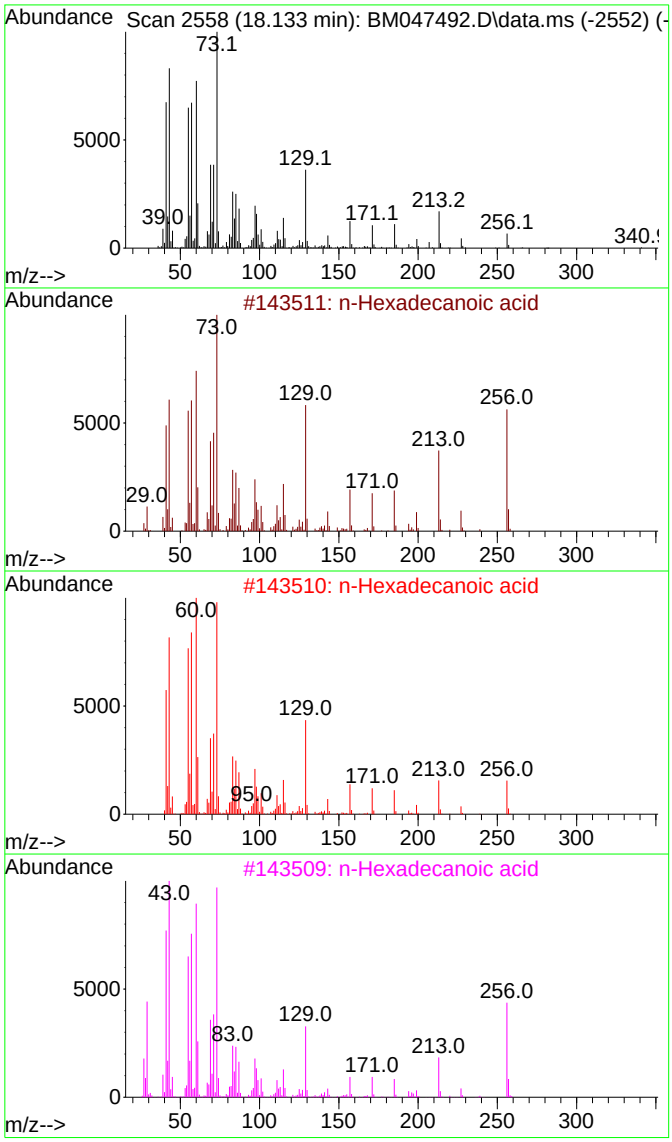
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

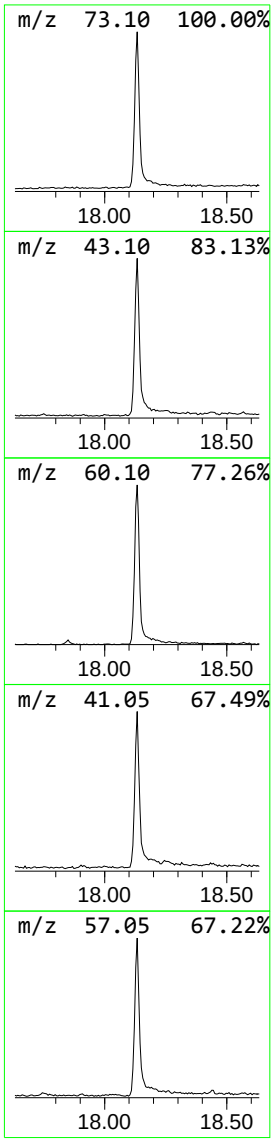
****

Peak Number 2 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.133	3.07 ng/ul	1318700	Phenanthrene-d10	17.233

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	98
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091124\
Data File : BM047492.D
Acq On : 11 Sep 2024 21:56
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Sample : P3878-05
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DDC49

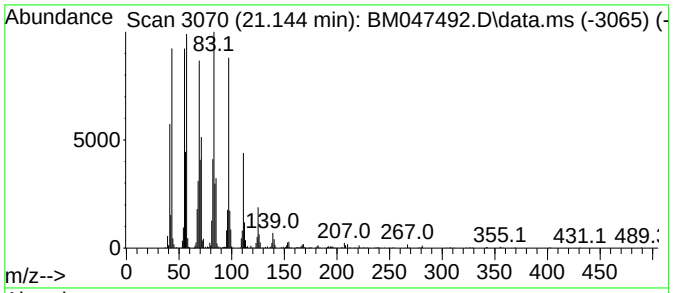
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM091024.MA.M
Quant Title : SVOA CALIBRATION

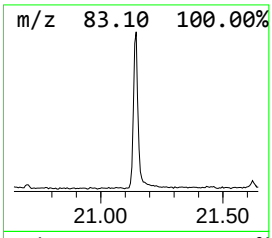
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

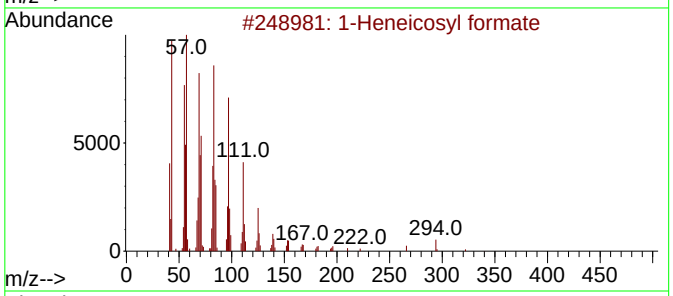
****
Peak Number 3 1-Heneicosyl formate Concentration Rank 1

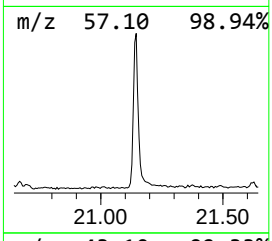
R.T.	EstConc	Area	Relative to ISTD	R.T.
21.145	3.47 ng/ul	1422780	Chrysene-d12	21.456

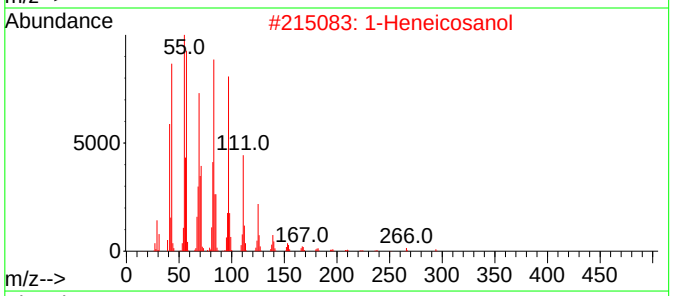
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosyl formate	340	C22H44O2	077899-03-7	94
2	1-Heneicosanol	312	C21H44O	015594-90-8	94
3	n-Nonadecanol-1	284	C19H40O	001454-84-8	94
4	1-Heptacosanol	396	C27H56O	002004-39-9	94
5	Heptacos-1-ene	378	C27H54	015306-27-1	94

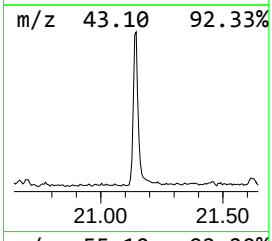


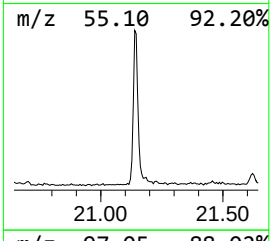


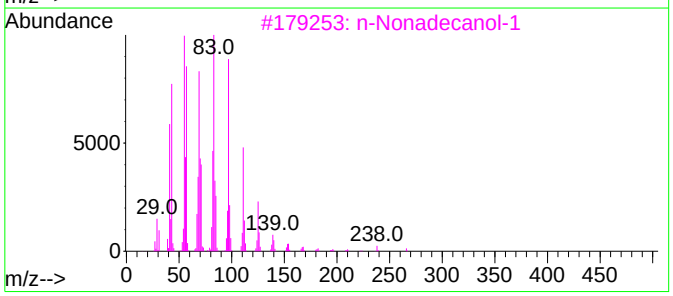


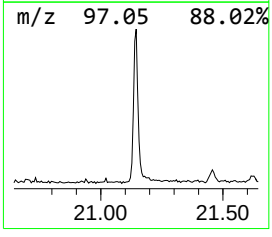












Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091124\
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM091024.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	15.845	2.4	ng/ul	891646	3	14.498	7426630	20.0
n-Hexadecanoic ...	18.133	3.1	ng/ul	1318700	4	17.233	8578250	20.0
1-Heneicosyl fo...	21.145	3.5	ng/ul	1422780	5	21.456	8204180	20.0