LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100124\
Data File : BM047741.D
Acq On : 01 Oct 2024 13:44
Operator : RC/JU
Sample : P4018-21
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DDCF6

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: BM047741.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.258	42	46	53	rVB	62980	85072	1.50%	0.124%
2	3.540	91	94	103	rVB4	12872	22521	0.40%	0.033%
3	3.675	113	117	131	rBV	499694	742059	13.13%	1.085%
4	4.005	169	173	177	rVB2	21453	26936	0.48%	0.039%
5	4.922	325	329	336	rVB7	8650	16967	0.30%	0.025%
6	6.128	531	534	538	rBV4	5798	9018	0.16%	0.013%
7	6.804	644	649	651	rBV5	6231	10585	0.19%	0.015%
8	6.975	670	678	687	rBV	972581	1537143	27.19%	2.247%
9	7.140	700	706	720	rVB	772795	1181077	20.89%	1.727%
10	7.346	733	741	751	rBV	938763	1498238	26.50%	2.190%
11	7.440	755	757	762	rVB6	5795	7835	0.14%	0.011%
12	7.810	813	820	827	rBV	1167276	1856215	32.84%	2.714%
13	7.875	827	831	837	rVB6	11223	20528	0.36%	0.030%
14	8.051	853	861	866	rBV6	11472	23976	0.42%	0.035%
15	8.510	931	939	951	rBV	1158195	1902796	33.66%	2.782%
16	8.963	1006	1016	1025	rBV	869918	1416543	25.06%	2.071%
17	9.081	1032	1036	1040	rVB6	6035	10400	0.18%	0.015%
18	9.398	1088	1090	1096	rVB3	6019	10194	0.18%	0.015%
19	9.528	1106	1112	1120	rBV	87522	135738	2.40%	0.198%
20	9.687	1130	1139	1146	rBV	659963	1122977	19.87%	1.642%
21	10.098	1202	1209	1212	rBV6	8490	13665	0.24%	0.020%
22	10.222	1223	1230	1240	rBV	1163079	1895064	33.52%	2.771%
23	10.398	1254	1260	1265	rVB8	7487	15256	0.27%	0.022%
24	10.604	1284	1295	1303	rBV	1639248	2694576	47.67%	3.939%
25	10.734	1308	1317	1332	rBV	1121018	1946846	34.44%	2.846%
26	11.139	1381	1386	1393	rVB3	37434	61953	1.10%	0.091%
27	11.392	1425	1429	1433	rBV7	3692	7041	0.12%	0.010%
28	12.028	1533	1537	1541	rBV7	3908	6230	0.11%	0.009%
29	12.192	1558	1565	1569	rVB3	19506	31121	0.55%	0.045%
30	12.434	1602	1606	1610	rVB2	6063	8304	0.15%	0.012%
31	12.810	1663	1670	1675	rBV7	4606	10684	0.19%	0.016%
32	13.063	1709	1713	1716	rBV7	5301	7154	0.13%	0.010%
33	13.286	1746	1751	1755	rBV5	9218	13321	0.24%	0.019%
34	13.410	1770	1772	1776	rVB5	5885	5962	0.11%	0.009%
35	13.851	1840	1847	1857	rBV	1999996	2772360	49.04%	4.053%
36	14.133	1884	1895	1905	rBV	2307856	3436679	60.80%	5.024%

LSC Area Percent Report

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Acq On : 01 Oct 2024 13:44
Operator : RC/JU
Sample : P4018-21
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DDCF6

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

37	14.351	1928	1932	1937	rBV4	11907	17924	0.32%	0.026%
38	14.445	1940	1948	1958	rBV	2380160	3561728	63.01%	5.207%
39	14.633	1973	1980	1994	rBV	807804	1244448	22.01%	1.819%
40	14.857	2013	2018	2024	rBV8	18750	30184	0.53%	0.044%
41	15.069	2050	2054	2056	rBV4	4584	6657	0.12%	0.010%
42	15.251	2079	2085	2090	rVB5	12189	21734	0.38%	0.032%
43	15.298	2090	2093	2097	rBV2	8960	10261	0.18%	0.015%
44	15.380	2104	2107	2110	rBV5	5799	8558	0.15%	0.013%
45	15.433	2110	2116	2129	rVB	3114857	4304595	76.15%	6.293%
46	15.545	2129	2135	2143	rBV	690127	941551	16.66%	1.377%
47	15.674	2153	2157	2162	rVB6	15454	19670	0.35%	0.029%
48	15.798	2172	2178	2184	rBV	1131735	1515764	26.81%	2.216%
49	16.116	2228	2232	2235	rBV5	4808	7178	0.13%	0.010%
50	16.157	2235	2239	2243	rVV6	6092	11366	0.20%	0.017%
51	16.357	2269	2273	2278	rBV	51943	70553	1.25%	0.103%
52	16.563	2304	2308	2309	rVV4	5421	6921	0.12%	0.010%
53	16.580	2309	2311	2315	rVB4	5722	7849	0.14%	0.011%
54	16.833	2349	2354	2358	rBV3	18716	27285	0.48%	0.040%
55	16.945	2369	2373	2374	rBV4	6887	7501	0.13%	0.011%
56	16.963	2374	2376	2382	rVB3	8785	10456	0.18%	0.015%
57	17.110	2397	2401	2406	rBV7	5933	9716	0.17%	0.014%
58	17.180	2406	2413	2422	rVV	2888549	4108407	72.68%	6.006%
59	17.280	2423	2430	2440	rVV	3231453	4686310	82.90%	6.851%
60	17.368	2440	2445	2451	rVB7	25977	50353	0.89%	0.074%
61	17.692	2494	2500	2502	rBV6	7299	11222	0.20%	0.016%
62	17.798	2514	2518	2522	rBV5	17542	25386	0.45%	0.037%
63	18.074	2560	2565	2573	rBV	349719	533289	9.43%	0.780%
64	18.268	2596	2598	2601	rVB4	7388	6871	0.12%	0.010%
65	18.386	2613	2618	2626	rBV8	23635	48120	0.85%	0.070%
66	18.927	2706	2710	2714	rVB2	36820	58041	1.03%	0.085%
67	19.127	2741	2744	2749	rBV2	39881	55663	0.98%	0.081%
68	19.198	2752	2756	2760	rBV	49333	72813	1.29%	0.106%
69	19.351	2778	2782	2788	rBV	89931	130621	2.31%	0.191%
70	19.562	2812	2818	2826	rBV	4181031	5564401	98.43%	8.135%
71	21.080	3072	3076	3086	rBV2	355784	546226	9.66%	0.799%
72	21.404	3125	3131	3144	rBV	3116866	4616775	81.67%	6.750%
73	22.380	3292	3297	3303	rVB	398731	663695	11.74%	0.970%
74	24.203	3598	3607	3620	rVB	2275296	5652889	100.00%	8.264%
75	24.409	3633	3642	3658	rVB	1970674	5164495	91.36%	7.550%

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Operator : RC/JU
Sample : P4018-21
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DDCF6

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

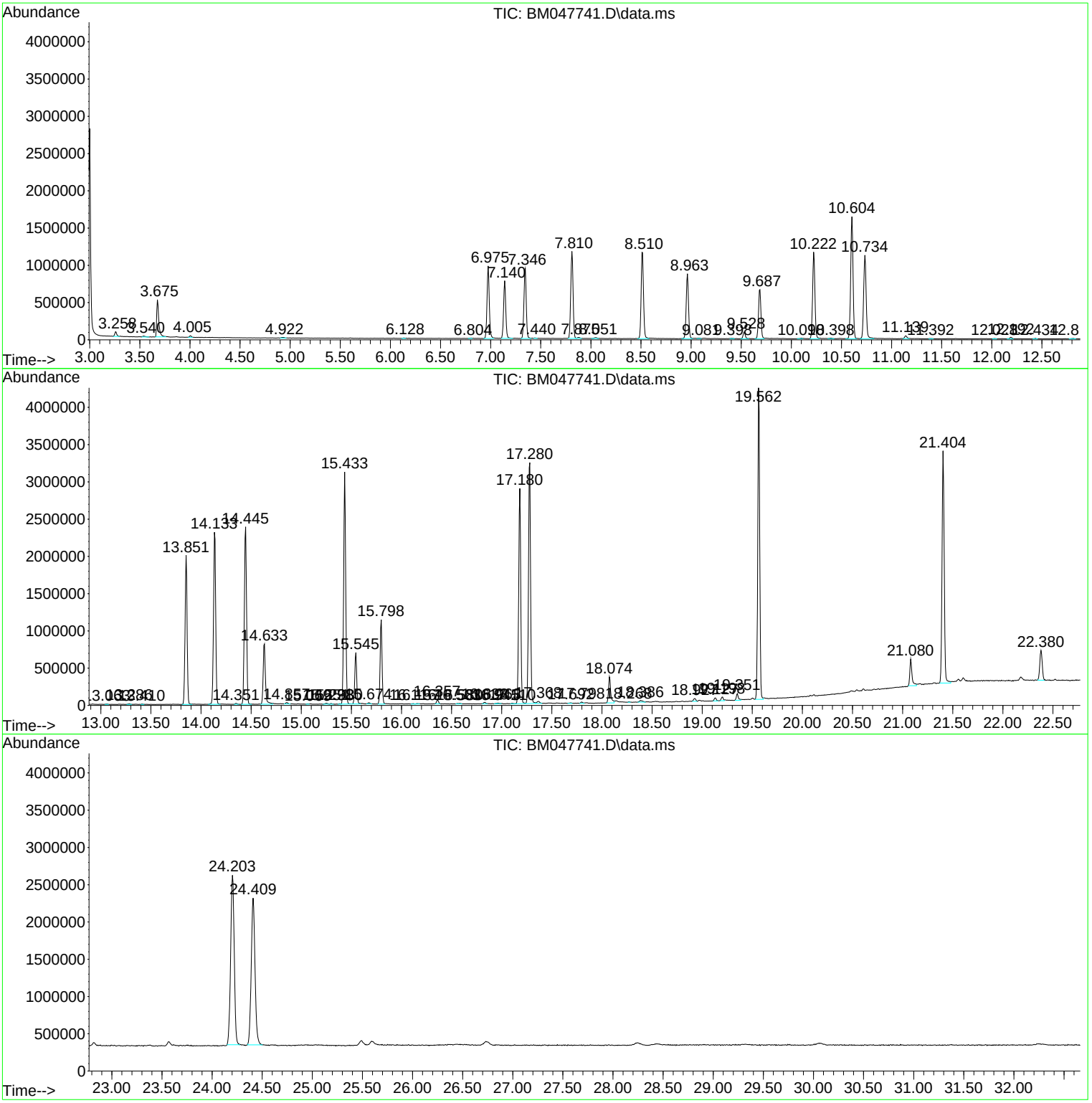
Sum of corrected areas: 68400510

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100124\
Data File : BM047741.D
Acq On : 01 Oct 2024 13:44
Operator : RC/JU
Sample : P4018-21
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DDCF6

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100124\
Data File : BM047741.D
Acq On : 01 Oct 2024 13:44
Operator : RC/JU
Sample : P4018-21
Misc :
ALS Vial : 5 Sample Multiplier: 1

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

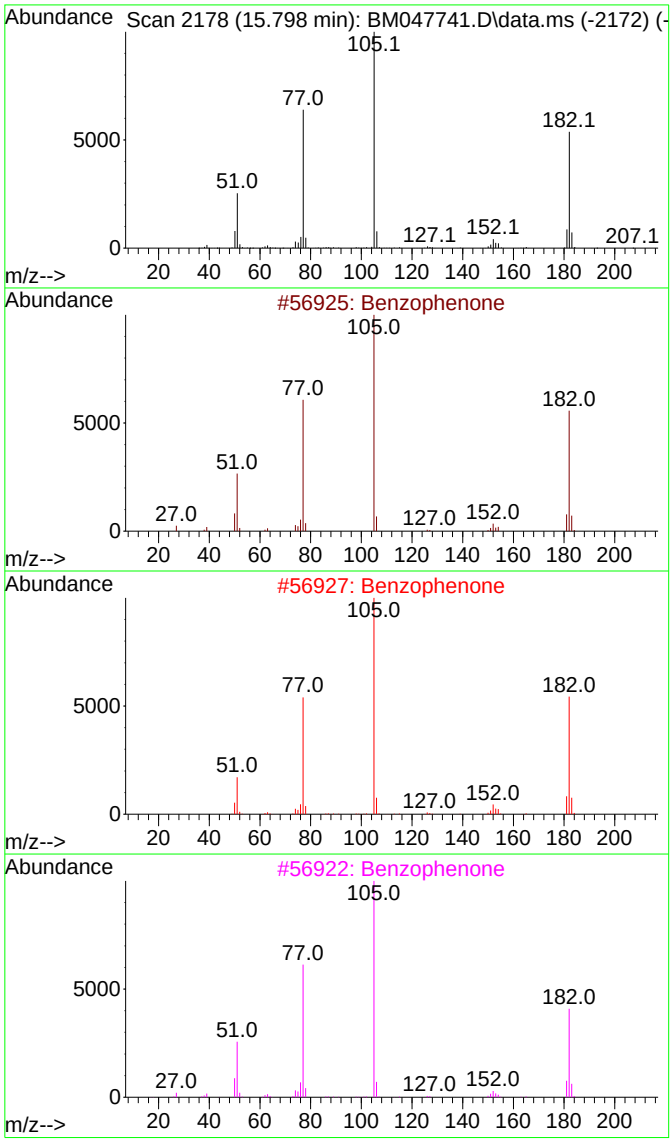
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

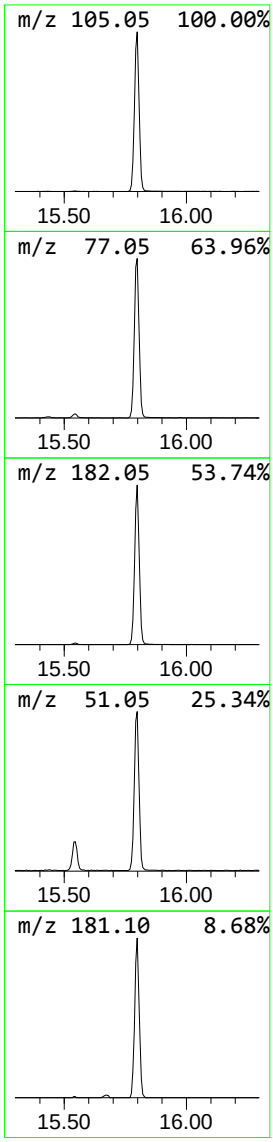
****

Peak Number 1 Benzophenone Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.798	8.51 ng/ul	1515760	Acenaphthene-d10	14.445

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	91
5	Benzophenone	182	C13H10O	000119-61-9	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100124\
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Acq On : 01 Oct 2024 13:44
Operator : RC/JU
Sample : P4018-21
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DDCF6

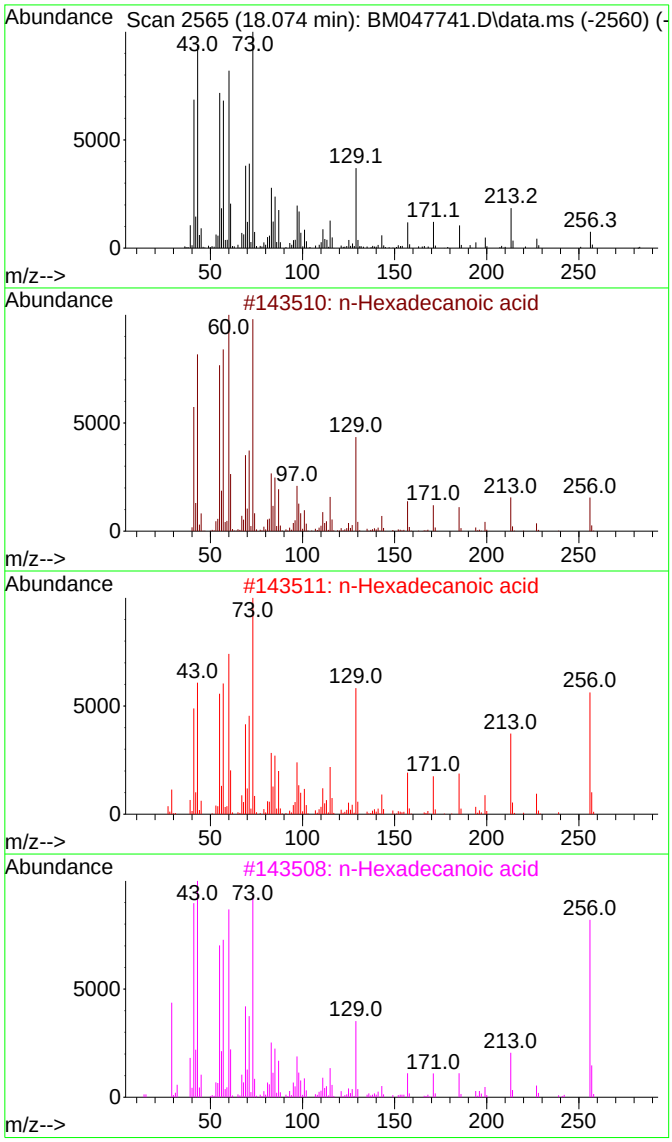
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM092724.MA.M
Quant Title : SVOA CALIBRATION

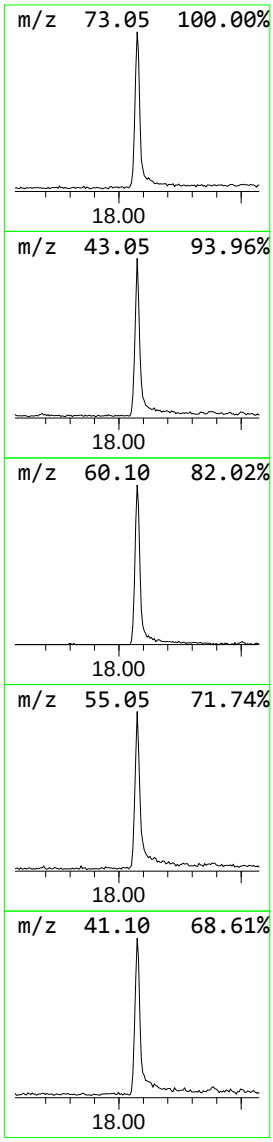
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.074	2.60 ng/ul	533289	Phenanthrene-d10	17.180

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	98
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100124\
Data File : BM047741.D
Acq On : 01 Oct 2024 13:44
Operator : RC/JU
Sample : P4018-21
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DDCF6

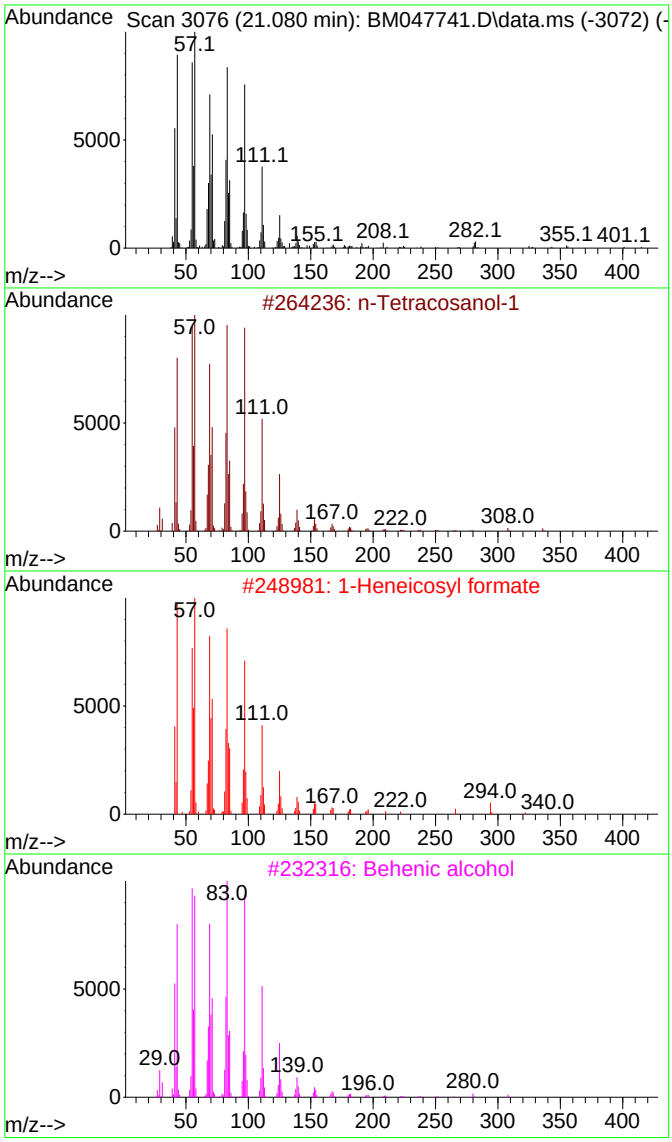
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM092724.MA.M
Quant Title : SVOA CALIBRATION

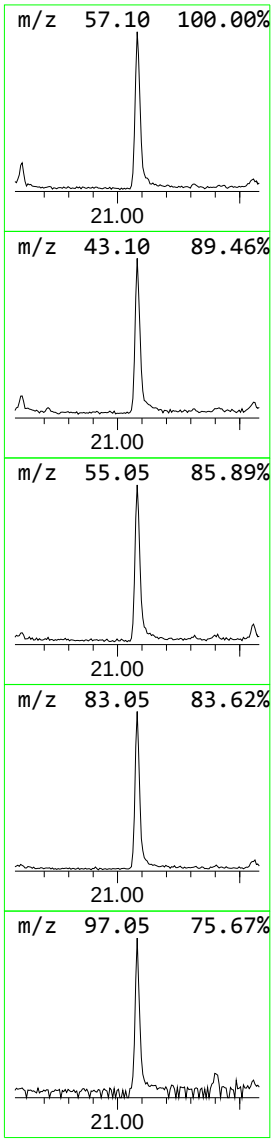
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 n-Tetracosanol-1 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.080	2.37 ng/ul	546226	Chrysene-d12	21.404

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Tetracosanol-1	354	C24H50O	000506-51-4	94
2	1-Heneicosyl formate	340	C22H44O2	077899-03-7	94
3	Behenic alcohol	326	C22H46O	000661-19-8	94
4	1-Heneicosanol	312	C21H44O	015594-90-8	93
5	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	93





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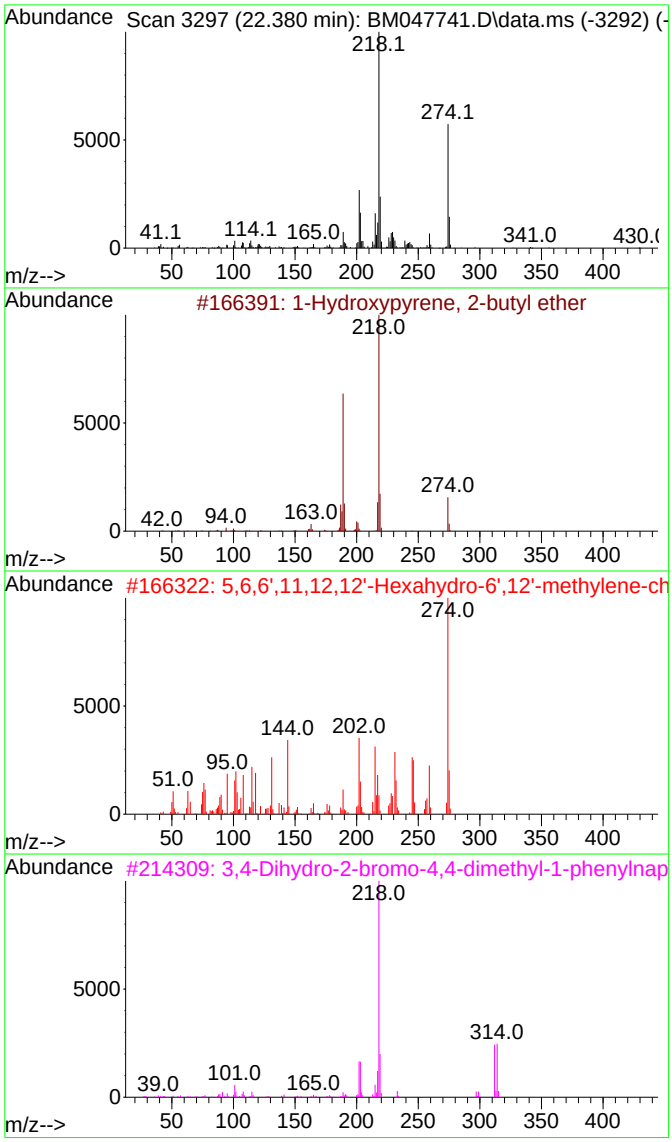
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM092724.MA.M
Quant Title : SVOA CALIBRATION

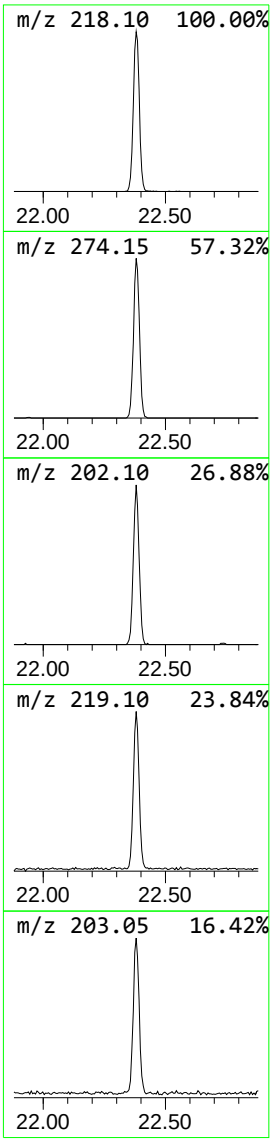
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 1-Hydroxypyrene, 2-butyl ether Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.380	2.88 ng/ul	663695	Chrysene-d12	21.404

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hydroxypyrene, 2-butyl ether	274	C20H18O	1000453-43-3	70
2	5,6,6',11,12,12'-Hexahydro-6',12...	274	C19H14O2	111977-22-1	50
3	3,4-Dihydro-2-bromo-4,4-dimethyl...	312	C18H17Br	071161-44-9	50
4	5H-Dibenz[b,f]azepine-5-carbonit...	218	C15H10N2	042787-75-7	46
5	2,4-Diethoxyquinazoline	218	C12H14N2O2	000611-65-4	43





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	15.798	8.5	ng/ul	1515760	3	14.445	3561730	20.0
n-Hexadecanoic ...	18.074	2.6	ng/ul	533289	4	17.180	4108410	20.0
n-Tetracosanol-1	21.080	2.4	ng/ul	546226	5	21.404	4616780	20.0
1-Hydroxypyrene...	22.380	2.9	ng/ul	663695	5	21.404	4616780	20.0