LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100324\
Data File : BM047822.D
Acq On : 04 Oct 2024 00:34
Operator : RC/JU
Sample : P4084-04
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCYM2

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: BM047822.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.252	42	45	55	rVB	26735	41262	0.94%	0.105%
2	3.681	115	118	126	rVV2	25299	42077	0.96%	0.107%
3	3.769	130	133	142	rVB2	25809	38954	0.88%	0.099%
4	3.999	169	172	176	rVB4	16905	22051	0.50%	0.056%
5	4.222	206	210	212	rBV4	9353	12456	0.28%	0.032%
6	4.916	323	328	335	rVB2	35077	61072	1.39%	0.155%
7	6.969	669	677	690	rVB	342293	591656	13.44%	1.502%
8	7.128	698	704	712	rBV	279476	448497	10.19%	1.138%
9	7.334	731	739	748	rBV	362237	575184	13.06%	1.460%
10	7.434	752	756	762	rBV6	8735	17762	0.40%	0.045%
11	7.798	811	818	827	rBV	984978	1605690	36.47%	4.075%
12	8.340	905	910	916	rBV3	11920	23466	0.53%	0.060%
13	8.504	931	938	948	rBV	367212	594756	13.51%	1.509%
14	8.622	952	958	965	rVB	97779	163394	3.71%	0.415%
15	8.951	1005	1014	1024	rBV	312970	534849	12.15%	1.357%
16	9.522	1106	1111	1118	rBV3	24361	40771	0.93%	0.103%
17	9.675	1129	1137	1143	rBV	242102	405133	9.20%	1.028%
18	9.816	1155	1161	1169	rBV6	14870	35153	0.80%	0.089%
19	9.910	1173	1177	1182	rVB6	5459	11288	0.26%	0.029%
20	10.034	1192	1198	1203	rBV5	11384	21281	0.48%	0.054%
21	10.216	1222	1229	1236	rBV	418787	693357	15.75%	1.760%
22	10.592	1284	1293	1300	rBV	1318553	2251108	51.13%	5.713%
23	10.728	1309	1316	1325	rBV	278751	507882	11.54%	1.289%
24	11.134	1378	1385	1394	rVB	18713	43304	0.98%	0.110%
25	11.375	1422	1426	1434	rBV7	12551	31132	0.71%	0.079%
26	12.098	1544	1549	1553	rBV5	11485	20999	0.48%	0.053%
27	12.181	1560	1563	1572	rVB3	9414	18817	0.43%	0.048%
28	13.269	1744	1748	1753	rBV5	8670	13430	0.31%	0.034%
29	13.845	1839	1846	1852	rBV	658864	976878	22.19%	2.479%
30	14.127	1888	1894	1910	rVB2	802585	1294303	29.40%	3.285%
31	14.269	1913	1918	1922	rVV7	10189	20873	0.47%	0.053%
32	14.345	1926	1931	1935	rVV4	9318	13496	0.31%	0.034%
33	14.433	1939	1946	1955	rVV	2002395	2907051	66.03%	7.377%
34	14.492	1955	1956	1962	rVB4	11698	15378	0.35%	0.039%
35	14.627	1971	1979	1991	rBV	201401	345617	7.85%	0.877%
36	14.780	2000	2005	2010	rBV8	7916	15665	0.36%	0.040%

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Sample : P4084-04
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Instrument :
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ClientSampleId :
DCYM2

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	14.845	2010	2016	2023	rVB3	27119	55942	1.27%	0.142%
38	15.292	2088	2092	2100	rVB6	14042	26186	0.59%	0.066%
39	15.427	2108	2115	2121	rBV	1053310	1536736	34.91%	3.900%
40	15.480	2121	2124	2128	rVV2	17431	25886	0.59%	0.066%
41	15.539	2128	2134	2141	rVB	215191	309173	7.02%	0.785%
42	15.698	2159	2161	2165	rVB5	10090	11190	0.25%	0.028%
43	15.786	2171	2176	2185	rBV	215286	307745	6.99%	0.781%
44	16.151	2233	2238	2246	rBV6	41767	82714	1.88%	0.210%
45	16.486	2293	2295	2301	rVB7	7677	10874	0.25%	0.028%
46	16.751	2337	2340	2344	rVB3	13341	17953	0.41%	0.046%
47	16.827	2348	2353	2359	rVB3	33564	45710	1.04%	0.116%
48	16.939	2369	2372	2377	rVV3	23889	30826	0.70%	0.078%
49	16.992	2377	2381	2387	rVB3	25062	38491	0.87%	0.098%
50	17.174	2405	2412	2417	rBV	2409808	3368123	76.50%	8.548%
51	17.216	2417	2419	2423	rVV	171077	191052	4.34%	0.485%
52	17.274	2423	2429	2432	rVV	1056188	1617776	36.75%	4.106%
53	17.304	2432	2434	2440	rVV	432305	548697	12.46%	1.392%
54	17.363	2440	2444	2449	rVB2	35170	56294	1.28%	0.143%
55	17.574	2472	2480	2483	rBV	42750	77993	1.77%	0.198%
56	17.680	2493	2498	2503	rVB4	33059	50452	1.15%	0.128%
57	17.792	2514	2517	2520	rBV5	11337	13510	0.31%	0.034%
58	17.845	2521	2526	2529	rBV7	16754	29014	0.66%	0.074%
59	18.068	2558	2564	2574	rBV2	211739	369662	8.40%	0.938%
60	18.174	2579	2582	2587	rVB2	20708	28859	0.66%	0.073%
61	18.245	2589	2594	2598	rBV4	39777	68794	1.56%	0.175%
62	18.368	2612	2615	2623	rVV6	31534	44685	1.01%	0.113%
63	18.433	2624	2626	2632	rVB3	22042	29764	0.68%	0.076%
64	18.586	2648	2652	2656	rVB2	62210	78430	1.78%	0.199%
65	18.639	2658	2661	2665	rVB3	24547	26809	0.61%	0.068%
66	18.962	2712	2716	2720	rBV4	47376	67831	1.54%	0.172%
67	19.004	2720	2723	2726	rBV3	32320	40833	0.93%	0.104%
68	19.098	2736	2739	2742	rBV	69766	104412	2.37%	0.265%
69	19.227	2756	2761	2766	rVB	640800	846294	19.22%	2.148%
70	19.345	2778	2781	2784	rVB2	38608	39073	0.89%	0.099%
71	19.557	2812	2817	2820	rBV	1237715	1761215	40.00%	4.470%
72	19.586	2820	2822	2831	rVB	542743	638033	14.49%	1.619%
73	21.074	3071	3075	3082	rVB4	335048	531560	12.07%	1.349%
74	21.398	3123	3130	3134	rBV	2723168	4402601	100.00%	11.173%
75	21.439	3134	3137	3145	rVB	629749	959098	21.78%	2.434%
76	23.450	3472	3479	3486	rBV	564084	1676438	38.08%	4.254%

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Instrument :
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ClientSampleId :
DCYM2

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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Title : SVOA CALIBRATION

77	24.186	3600	3604	3612	rVB	363907	770379	17.50%	1.955%
78	24.397	3632	3640	3653	rVB	1547635	4011148	91.11%	10.179%

Sum of corrected areas: 39404297

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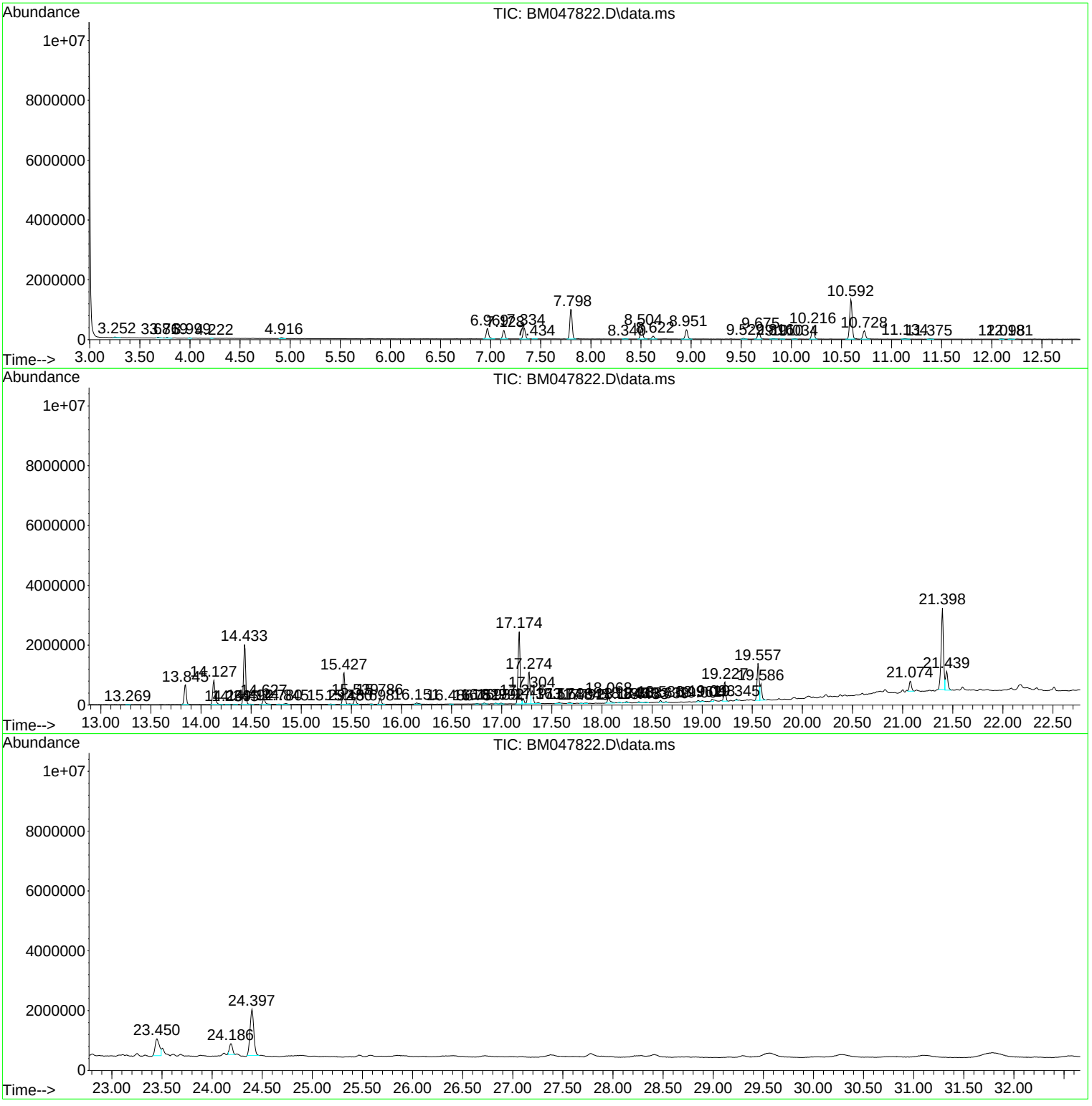
Operator : RC/JU
Sample : P4084-04
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCYM2

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\BM100324\
Data File : BM047822.D
Acq On : 04 Oct 2024 00:34
Operator : RC/JU
Sample : P4084-04
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Instrument :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM092724.MA.M
Quant Title : SVOA CALIBRATION

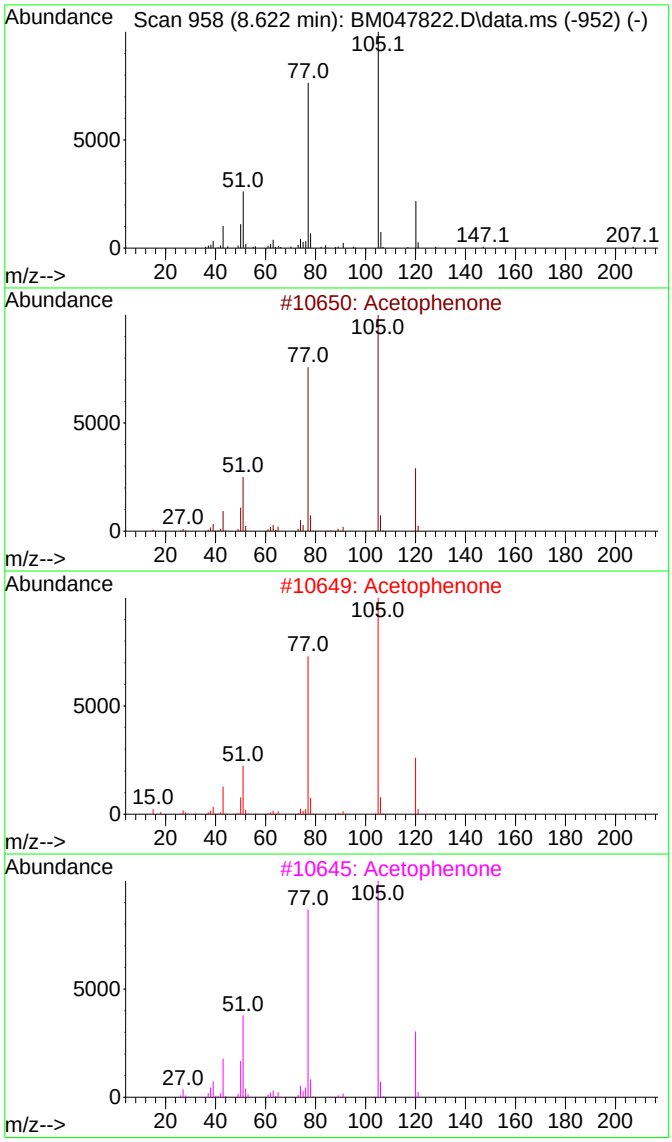
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

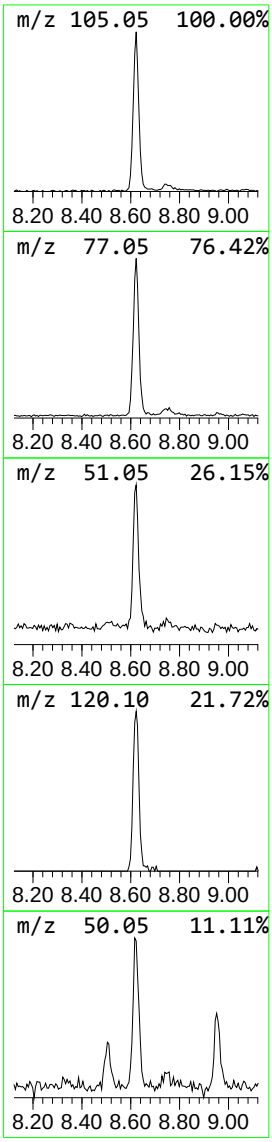
****

Peak Number 1 Aceto phenone Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.622	2.04 ng/ul	163394	1,4-Dichlorobenzene-d4	7.804

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetophenone	120	C8H8O	000098-86-2	95
2	Acetophenone	120	C8H8O	000098-86-2	91
3	Acetophenone	120	C8H8O	000098-86-2	90
4	Acetophenone	120	C8H8O	000098-86-2	90
5	Acetophenone	120	C8H8O	000098-86-2	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100324\
Data File : BM047822.D
Acq On : 04 Oct 2024 00:34
Operator : RC/JU
Sample : P4084-04
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCYM2

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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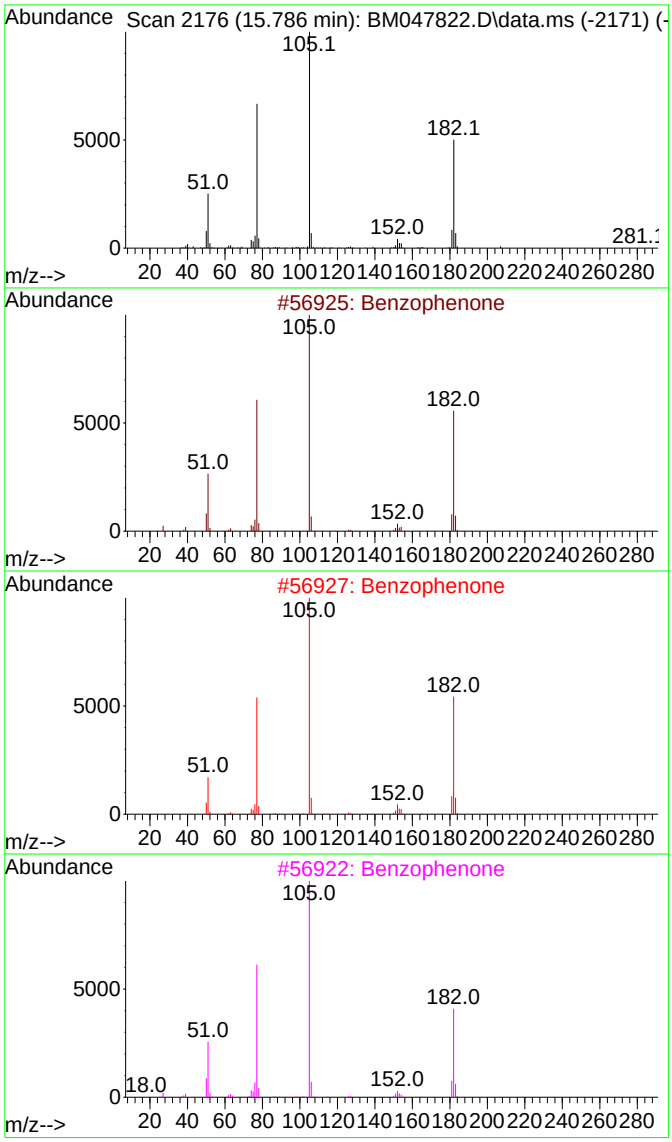
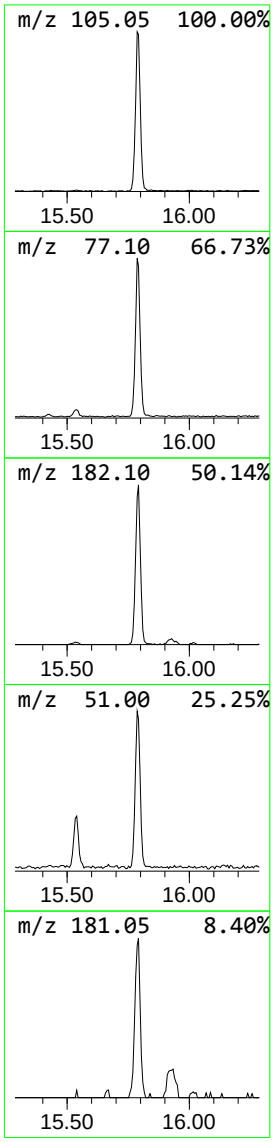
Peak Number 2 Benzophenone Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.786	2.12 ng/ul	307745	Acenaphthene-d10	14.433

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	90





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Data File : BM047822.D
Acq On : 04 Oct 2024 00:34
Operator : RC/JU
Sample : P4084-04
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCYM2

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

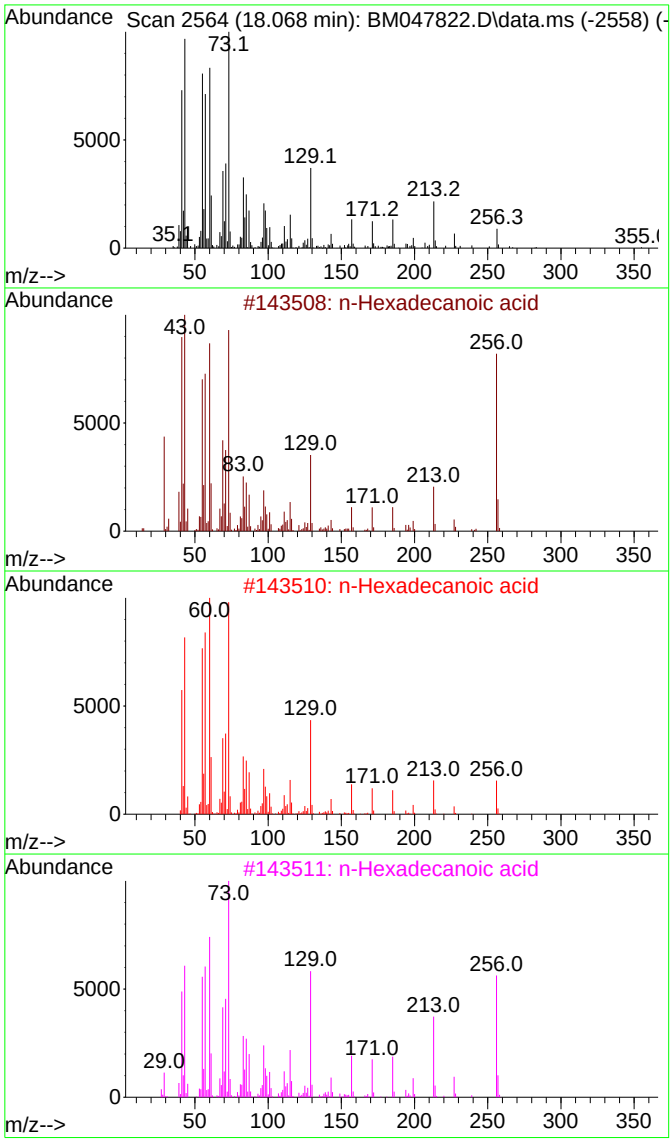
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

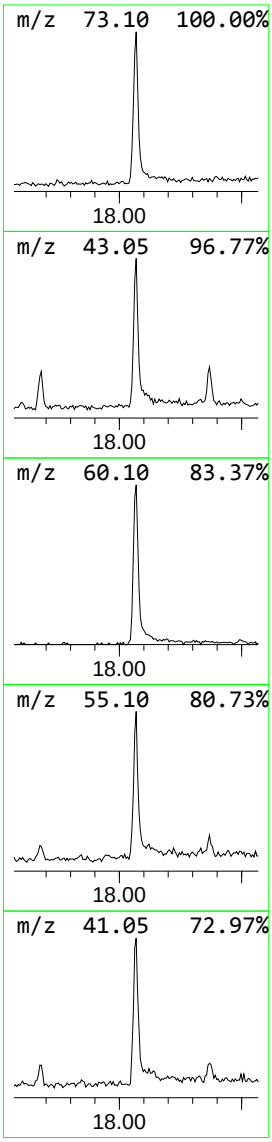
****

Peak Number 3 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.068	2.20 ng/ul	369662	Phenanthrene-d10	17.174

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	97
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
5	Tridecanoic acid	214	C13H26O2	000638-53-9	94





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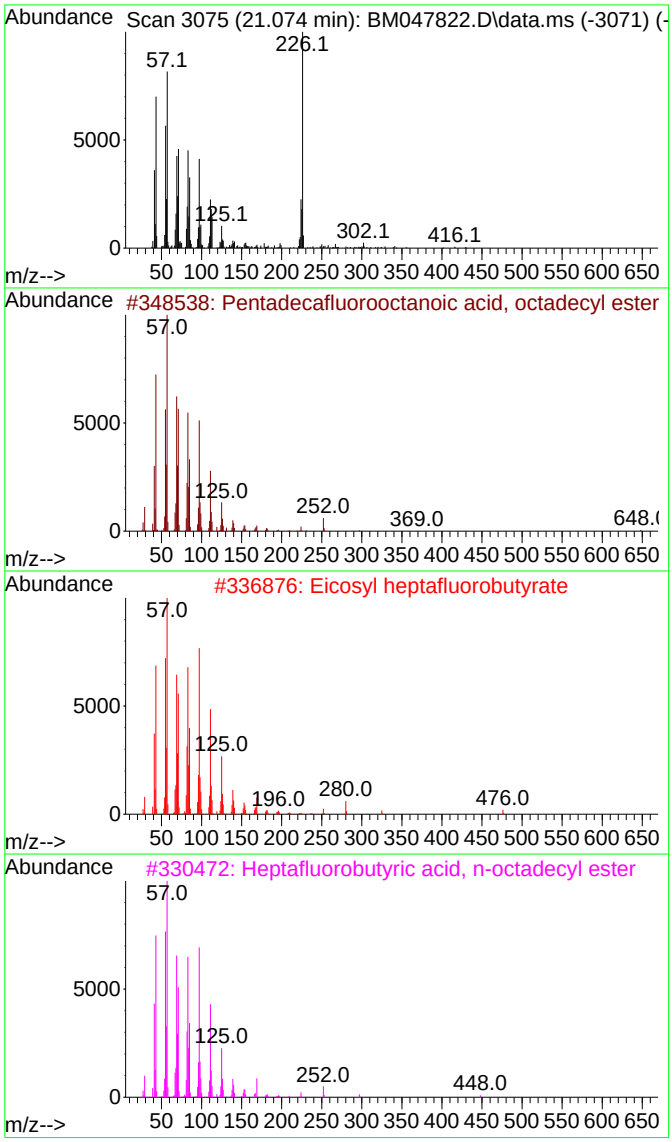
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM092724.MA.M
Quant Title : SVOA CALIBRATION

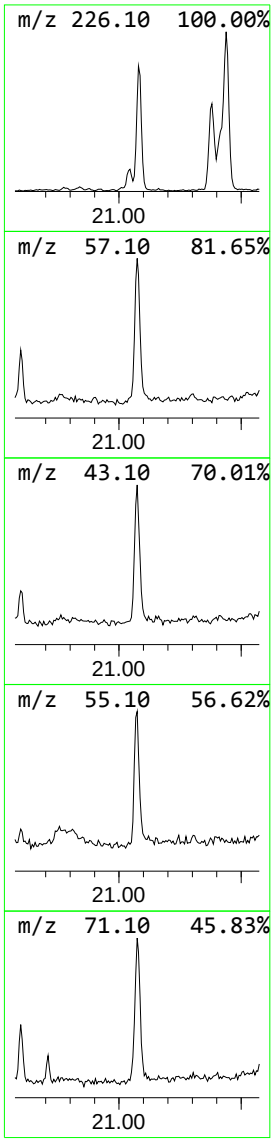
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Pentadecafluorooctanoic aci... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.074	2.41 ng/ul	531560	Chrysene-d12	21.398

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecafluorooctanoic acid, oc...	666	C26H37F15O2	1000406-04-8	78
2	Eicosyl heptafluorobutyrate	494	C24H41F7O2	1000351-83-5	60
3	Heptafluorobutyric acid, n-octad...	466	C22H37F7O2	000400-57-7	60
4	Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	60
5	Nonadecyl trifluoroacetate	380	C21H39F3O2	1000351-76-3	55





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
Aceto phenone	8.622	2.0	ng/ul	163394	1	7.804	1605690	20.0
Benzophenone	15.786	2.1	ng/ul	307745	3	14.433	2907050	20.0
n-Hexadecanoic ...	18.068	2.2	ng/ul	369662	4	17.174	3368120	20.0
Pentadecafluoro...	21.074	2.4	ng/ul	531560	5	21.398	4402600	20.0