LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051723\
Data File : BP015127.D
Acq On : 17 May 2023 15:34
Operator : CG/JU
Sample : 02592-19
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : JREE0

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_P\Methods\SFAM-EPA-BP051123.MA.M
Title : SVOA CALIBRATION

Signal : TIC: BP015127.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.434	4	8	18	rVB	88109	131582	0.98%	0.109%
2	3.869	79	82	99	rBV	1251634	1927610	14.34%	1.599%
3	4.111	121	123	128	rVB	15418	19901	0.15%	0.017%
4	4.211	137	140	148	rBV	21768	33596	0.25%	0.028%
5	4.558	195	199	203	rBV	15564	22778	0.17%	0.019%
6	4.605	203	207	211	rVV7	7358	13778	0.10%	0.011%
7	4.675	211	219	228	rVB3	24296	53329	0.40%	0.044%
8	5.169	299	303	312	rVB3	12923	23297	0.17%	0.019%
9	5.422	341	346	352	rBV	67108	105088	0.78%	0.087%
10	5.787	404	408	414	rVB	12067	17411	0.13%	0.014%
11	7.028	614	619	628	rBV	110892	174233	1.30%	0.144%
12	7.234	650	654	655	rBV	20742	23753	0.18%	0.020%
13	7.275	655	661	679	rVV	1618938	2620970	19.50%	2.174%
14	7.446	679	690	702	rVV	1485230	2403547	17.88%	1.993%
15	7.652	718	725	737	rBV	1731913	2752967	20.48%	2.283%
16	8.128	798	806	814	rBV	1165327	1870434	13.91%	1.551%
17	8.840	919	927	943	rBV	2336410	3832411	28.51%	3.178%
18	9.304	999	1006	1022	rBV	1643139	2662401	19.80%	2.208%
19	9.704	1068	1074	1080	rVB	69440	109678	0.82%	0.091%
20	10.034	1121	1130	1144	rBV	1236569	2045796	15.22%	1.697%
21	10.575	1214	1222	1239	rBV	2174801	3678229	27.36%	3.050%
22	10.963	1280	1288	1296	rBV	1738274	2944505	21.90%	2.442%
23	11.098	1302	1311	1335	rBV	2245211	4022396	29.92%	3.336%
24	11.493	1373	1378	1387	rVB9	8056	16329	0.12%	0.014%
25	11.751	1415	1422	1431	rBV9	7134	23025	0.17%	0.019%
26	12.198	1493	1498	1504	rVB2	45172	64724	0.48%	0.054%
27	12.440	1532	1539	1544	rBV3	12964	23403	0.17%	0.019%
28	12.540	1548	1556	1563	rBV3	32850	72699	0.54%	0.060%
29	12.598	1563	1566	1573	rVB3	21875	37518	0.28%	0.031%
30	12.934	1618	1623	1630	rBV	32257	59871	0.45%	0.050%
31	13.040	1635	1641	1651	rBV2	46228	80970	0.60%	0.067%
32	13.651	1741	1745	1752	rVB5	11492	21644	0.16%	0.018%
33	13.722	1752	1757	1758	rBV5	9996	15060	0.11%	0.012%
34	13.875	1777	1783	1789	rBV3	22167	36167	0.27%	0.030%
35	14.039	1806	1811	1817	rBV3	15994	27163	0.20%	0.023%
36	14.175	1826	1834	1844	rBV	4691571	6386544	47.51%	5.296%

LSC Area Percent Report

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Operator : CG/JU
Sample : 02592-19
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : JREE0

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_P\Methods\SFAM-EPA-BP051123.MA.M
Title : SVOA CALIBRATION

37	14.292	1849	1854	1860	rVB9	12255	22941	0.17%	0.019%
38	14.469	1876	1884	1898	rBV	4985775	7377809	54.88%	6.118%
39	14.569	1898	1901	1908	rVB3	12964	22397	0.17%	0.019%
40	14.775	1929	1936	1942	rBV	2761667	4074545	30.31%	3.379%
41	14.816	1942	1943	1947	rVV4	18207	20884	0.16%	0.017%
42	14.863	1948	1951	1960	rVB7	18421	31703	0.24%	0.026%
43	14.957	1960	1967	1986	rBV	249280	501408	3.73%	0.416%
44	15.169	1998	2003	2011	rBV4	43763	89386	0.66%	0.074%
45	15.722	2091	2097	2098	rBV	41619	52892	0.39%	0.044%
46	15.763	2098	2104	2118	rVV	6948616	9958103	74.08%	8.258%
47	15.875	2118	2123	2136	rVV	378594	579594	4.31%	0.481%
48	16.004	2140	2145	2151	rVB	32360	54173	0.40%	0.045%
49	16.122	2159	2165	2179	rBV	660040	888901	6.61%	0.737%
50	16.645	2251	2254	2258	rVB	19275	24552	0.18%	0.020%
51	16.904	2294	2298	2305	rBV8	14646	27702	0.21%	0.023%
52	16.975	2306	2310	2316	rVB2	31188	43971	0.33%	0.036%
53	17.310	2363	2367	2374	rVB5	15069	30098	0.22%	0.025%
54	17.404	2379	2383	2390	rBV	23019	36543	0.27%	0.030%
55	17.528	2397	2404	2413	rBV	3775700	5434860	40.43%	4.507%
56	17.628	2414	2421	2431	rVV	7854936	11283729	83.94%	9.357%
57	17.704	2431	2434	2446	rVV3	88660	171876	1.28%	0.143%
58	17.792	2446	2449	2455	rVB4	12075	21716	0.16%	0.018%
59	18.045	2488	2492	2497	rVB2	24901	33053	0.25%	0.027%
60	18.269	2524	2530	2534	rBV3	47761	84689	0.63%	0.070%
61	18.386	2544	2550	2559	rBV	746400	1145885	8.52%	0.950%
62	18.945	2642	2645	2650	rVB2	27927	32529	0.24%	0.027%
63	19.269	2697	2700	2704	rBV5	25977	34334	0.26%	0.028%
64	19.422	2722	2726	2730	rBV2	101948	139390	1.04%	0.116%
65	19.486	2731	2737	2747	rVV2	127777	277207	2.06%	0.230%
66	19.604	2753	2757	2772	rBV	325325	531928	3.96%	0.441%
67	19.845	2791	2798	2806	rBV	10035731	13443241	100.00%	11.148%
68	20.339	2878	2882	2886	rBV	225430	244361	1.82%	0.203%
69	20.821	2961	2964	2968	rBV	201147	198556	1.48%	0.165%
70	21.280	3038	3042	3055	rBV2	541876	932279	6.93%	0.773%
71	21.604	3092	3097	3106	rBV	4125689	5465198	40.65%	4.532%
72	21.733	3116	3119	3123	rVB	233001	250958	1.87%	0.208%
73	22.216	3198	3201	3206	rBV	441967	508721	3.78%	0.422%
74	22.604	3263	3267	3274	rVB4	304674	482583	3.59%	0.400%
75	22.751	3289	3292	3298	rVB	231576	311288	2.32%	0.258%
76	23.351	3390	3394	3400	rVB	307826	513925	3.82%	0.426%

LSC Area Percent Report

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Operator : CG/JU
Sample : 02592-19
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
JREE0

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_P\Methods\SFAM-EPA-BP051123.MA.M
Title : SVOA CALIBRATION

77	24.010	3497	3506	3520	rBV2	5478884	11917517	88.65%	9.883%
78	24.174	3527	3534	3545	rVB	2350116	4933958	36.70%	4.092%

Sum of corrected areas: 120586190

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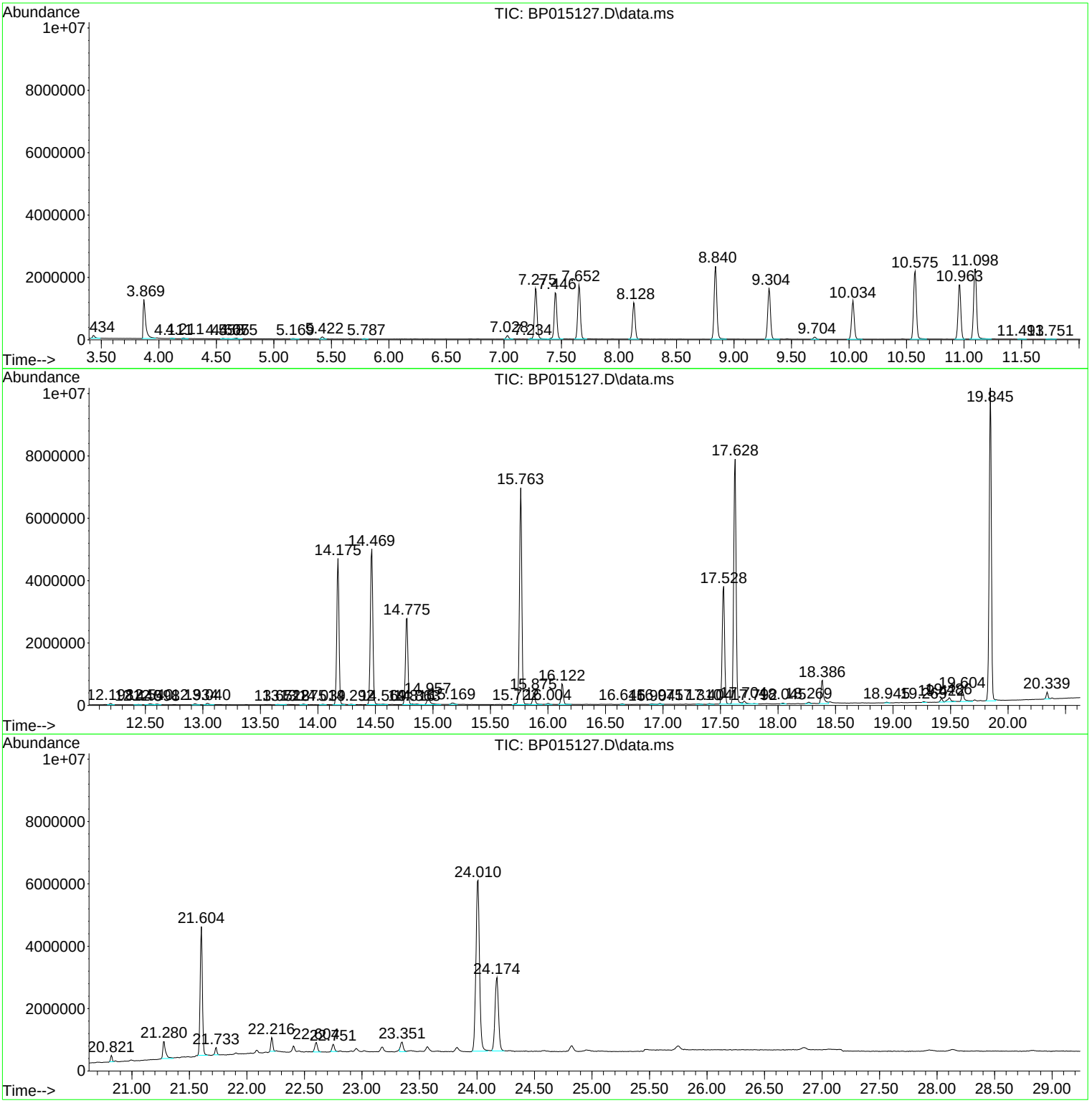
Data File : BP015127.D
Acq On : 17 May 2023 15:34
Operator : CG/JU
Sample : 02592-19
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
JREE0

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP051123.MA.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051723\
Data File : BP015127.D
Acq On : 17 May 2023 15:34
Operator : CG/JU
Sample : 02592-19
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Instrument :
BNA_P
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP051123.MA.M
Quant Title : SVOA CALIBRATION

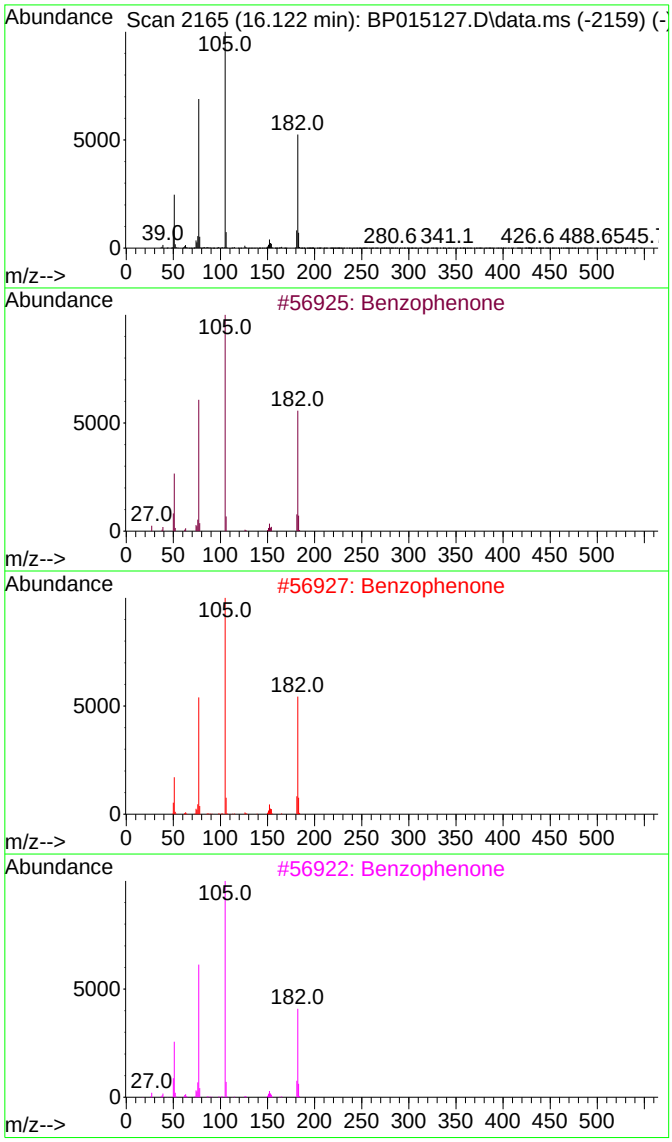
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

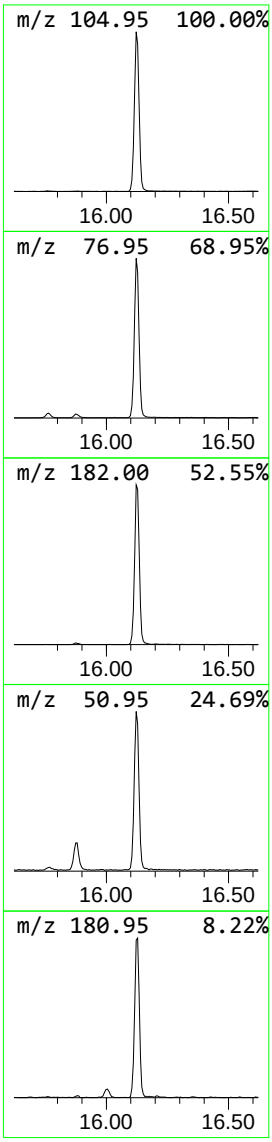
****

Peak Number 1 Benzophenone Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.122	4.36 ng/ul	888901	Acenaphthene-d10	14.769

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





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051723\
Data File : BP015127.D
Acq On : 17 May 2023 15:34
Operator : CG/JU
Sample : 02592-19
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
JREE0

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP051123.MA.M
Quant Title : SVOA CALIBRATION

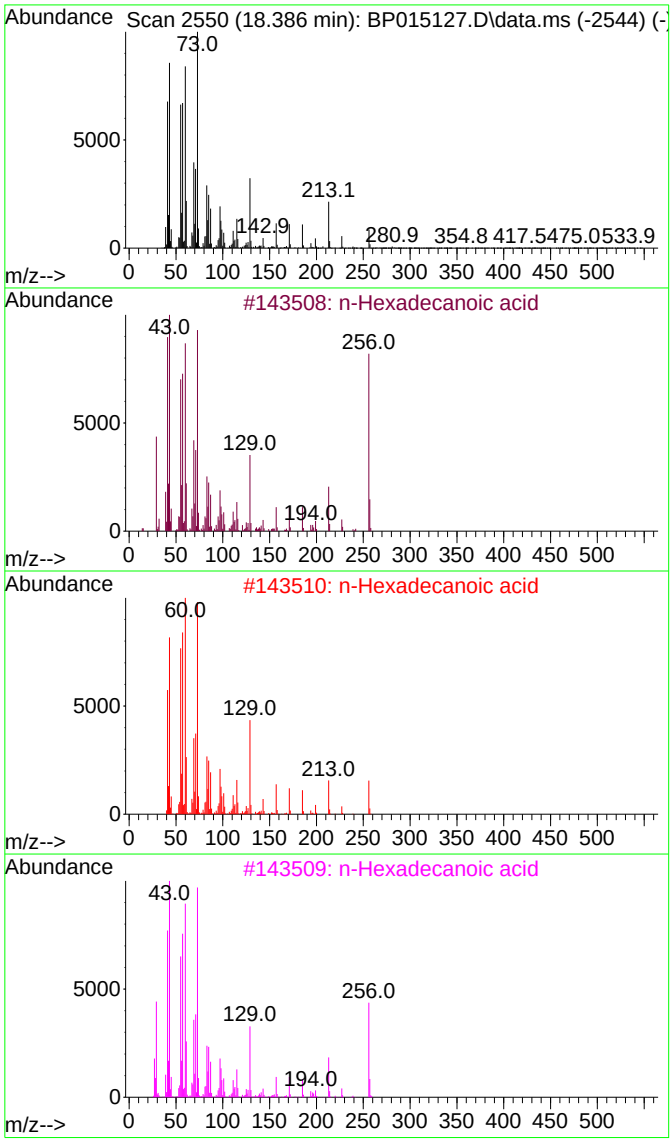
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

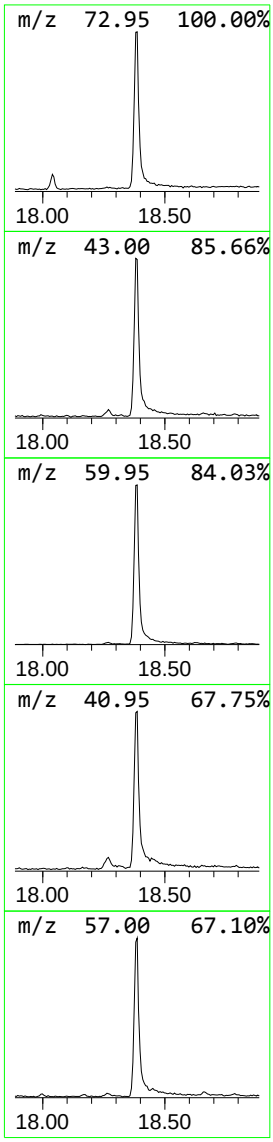
****

Peak Number 2 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.386	4.22 ng/ul	1145890	Phenanthrene-d10	17.528

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	98
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
5	Tridecanoic acid	214	C13H26O2	000638-53-9	95





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051723\
Data File : BP015127.D
Acq On : 17 May 2023 15:34
Operator : CG/JU
Sample : 02592-19
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
JREE0

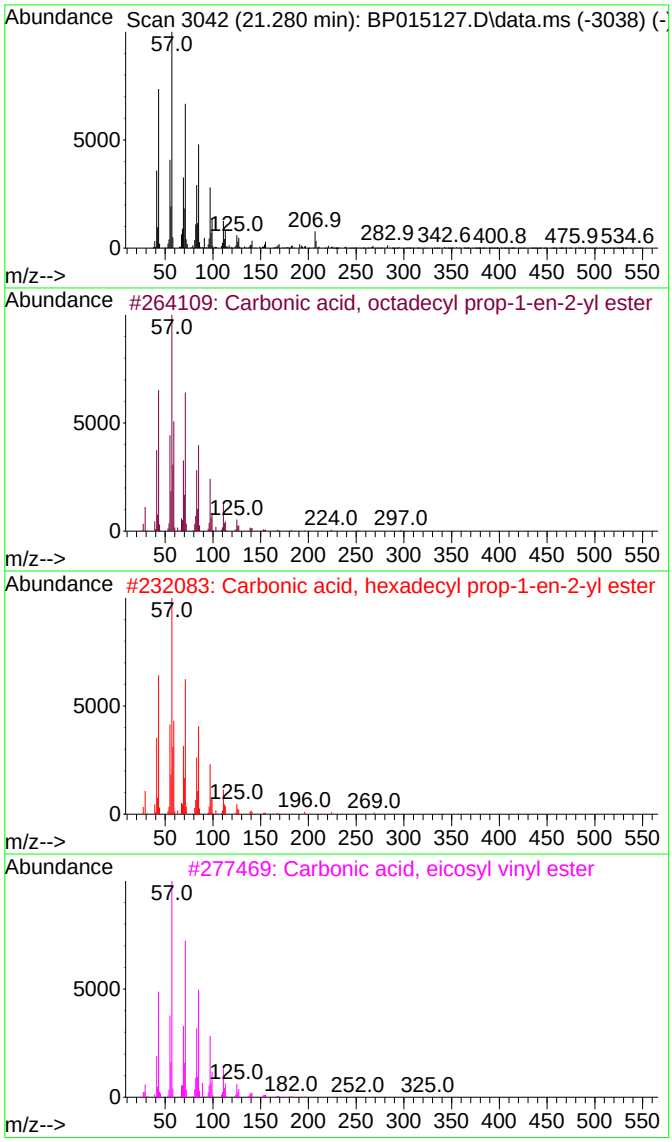
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP051123.MA.M
Quant Title : SVOA CALIBRATION

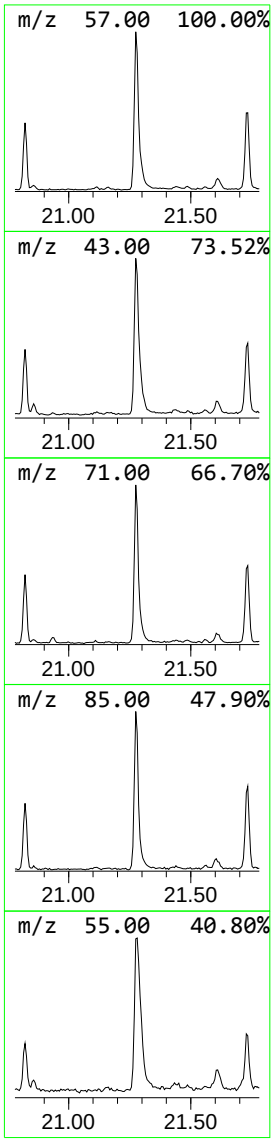
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Carbonic acid, octadecyl pr... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.280	3.41 ng/ul	932279	Chrysene-d12	21.604

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Carbonic acid, octadecyl prop-1-...	354	C22H42O3	1000383-11-5	91
2	Carbonic acid, hexadecyl prop-1-...	326	C20H38O3	1000382-90-3	91
3	Carbonic acid, eicosyl vinyl ester	368	C23H44O3	1000382-54-3	91
4	Sulfurous acid, pentadecyl 2-pro...	334	C18H38O3S	1000309-12-6	91
5	Carbonic acid, decyl tetradecyl ...	398	C25H50O3	1010383-16-3	87





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Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
JREE0

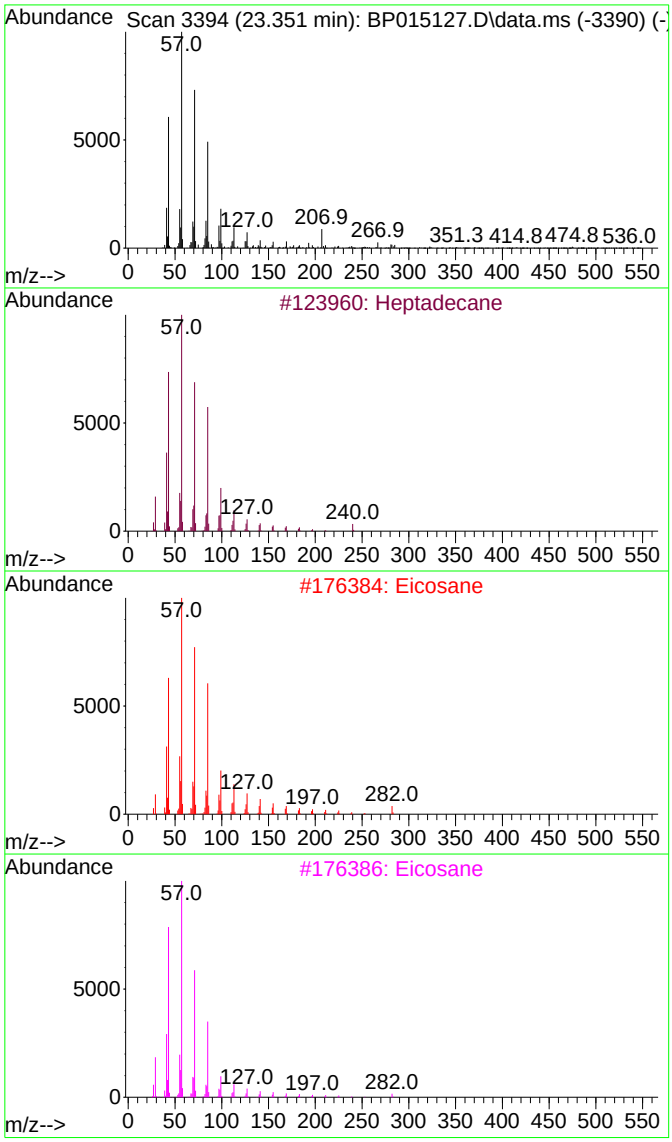
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP051123.MA.M
Quant Title : SVOA CALIBRATION

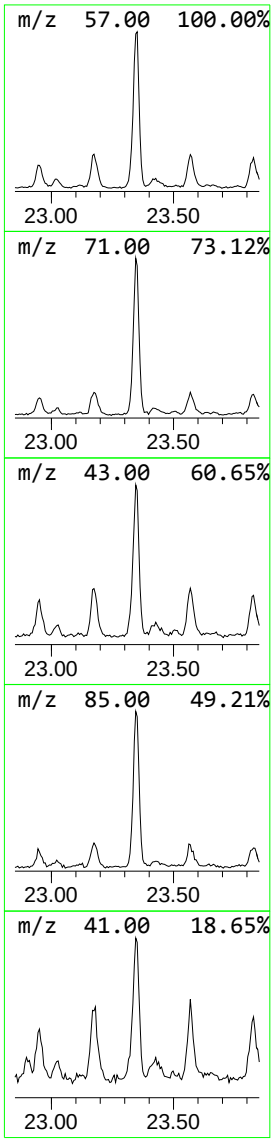
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.351	2.08 ng/ul	513925	Perylene-d12	24.174

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	94
2	Eicosane	282	C20H42	000112-95-8	93
3	Eicosane	282	C20H42	000112-95-8	93
4	Tetratriacontane, 2-methyl-	493	C35H72	014167-65-8	91
5	Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	86





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051723\
Data File : BP015127.D
Acq On : 17 May 2023 15:34
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Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP051123.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	16.122	4.4	ng/ul	888901	3	14.769	4074550	20.0
n-Hexadecanoic ...	18.386	4.2	ng/ul	1145890	4	17.528	5434860	20.0
Carbonic acid, ...	21.280	3.4	ng/ul	932279	5	21.604	5465200	20.0
(DEL) Alkane: S...	23.351	2.1	ng/ul	513925	6	24.174	4933960	20.0