LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP053123\
Data File : BP015357.D
Acq On : 31 May 2023 13:45
Operator : CG/JU
Sample : 02851-11
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : H0FK4

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: BP015357.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.417	35	39	45	rVB	23301	35644	0.79%	0.077%
2	3.893	118	120	123	rBV	10526	11818	0.26%	0.026%
3	4.093	149	154	159	rVB2	13400	19730	0.44%	0.043%
4	4.193	168	171	177	rVB	8731	12841	0.29%	0.028%
5	4.575	234	236	241	rVV6	3847	5157	0.11%	0.011%
6	4.652	244	249	256	rVB	24576	38385	0.85%	0.083%
7	5.146	329	333	340	rVB	9372	14238	0.32%	0.031%
8	5.640	413	417	422	rVB4	4428	7439	0.17%	0.016%
9	5.764	435	438	444	rVB	7381	10081	0.22%	0.022%
10	7.205	677	683	686	rBV	19546	28299	0.63%	0.061%
11	7.258	686	692	709	rVV	390985	703247	15.65%	1.528%
12	7.428	711	721	734	rVV	325789	519334	11.55%	1.129%
13	7.634	749	756	765	rBV	408489	684882	15.24%	1.488%
14	7.705	766	768	775	rVB8	4628	6856	0.15%	0.015%
15	7.928	800	806	810	rVB8	2775	5364	0.12%	0.012%
16	8.105	829	836	845	rBV	517524	841688	18.73%	1.829%
17	8.816	950	957	965	rBV	503899	882522	19.63%	1.918%
18	8.881	965	968	972	rVV	28359	46590	1.04%	0.101%
19	8.940	972	978	986	rVB	126955	211200	4.70%	0.459%
20	9.281	1029	1036	1046	rBV	394496	671233	14.93%	1.459%
21	9.669	1096	1102	1111	rVB2	49622	78251	1.74%	0.170%
22	10.010	1152	1160	1177	rBV	367768	640913	14.26%	1.393%
23	10.210	1188	1194	1197	rBV8	5339	11746	0.26%	0.026%
24	10.369	1216	1221	1228	rVB5	10587	19401	0.43%	0.042%
25	10.551	1245	1252	1264	rBV	485584	920183	20.47%	2.000%
26	10.934	1309	1317	1325	rBV	764969	1274900	28.36%	2.771%
27	11.075	1334	1341	1354	rBV	128349	271747	6.05%	0.591%
28	11.487	1403	1411	1415	rBV10	5776	15329	0.34%	0.033%
29	11.746	1448	1455	1462	rBV6	6283	15671	0.35%	0.034%
30	12.163	1521	1526	1532	rVB2	35485	53807	1.20%	0.117%
31	12.251	1535	1541	1543	rBV7	2733	5083	0.11%	0.011%
32	12.422	1565	1570	1575	rVB8	3430	6746	0.15%	0.015%
33	12.516	1581	1586	1593	rBV2	10967	19670	0.44%	0.043%
34	13.557	1760	1763	1766	rVB5	4653	5063	0.11%	0.011%
35	13.634	1769	1776	1782	rVB3	11710	20716	0.46%	0.045%
36	14.069	1845	1850	1856	rVB10	3866	8107	0.18%	0.018%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP053123\
Data File : BP015357.D
Acq On : 31 May 2023 13:45
Operator : CG/JU
Sample : 02851-11
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : H0FK4

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	14.151	1856	1864	1874	rBV	1348331	1849745	41.15%	4.020%
38	14.263	1879	1883	1886	rVB5	3642	5095	0.11%	0.011%
39	14.328	1889	1894	1897	rBV	10497	13727	0.31%	0.030%
40	14.445	1906	1914	1930	rVB	1338171	1993160	44.34%	4.332%
41	14.569	1930	1935	1940	rBV9	4006	9604	0.21%	0.021%
42	14.751	1959	1966	1974	rBV	1287059	1974262	43.92%	4.290%
43	14.951	1994	2000	2023	rBV	357162	770955	17.15%	1.675%
44	15.110	2024	2027	2030	rVV5	8033	15035	0.33%	0.033%
45	15.163	2030	2036	2043	rVB6	20716	46662	1.04%	0.101%
46	15.687	2121	2125	2128	rBV2	35483	45078	1.00%	0.098%
47	15.739	2128	2134	2149	rVB	1843182	2640719	58.75%	5.739%
48	15.863	2149	2155	2166	rBV	575434	800361	17.81%	1.739%
49	15.981	2171	2175	2181	rVB7	9555	14226	0.32%	0.031%
50	16.104	2189	2196	2208	rBV	693747	971321	21.61%	2.111%
51	16.286	2221	2227	2229	rBV6	8272	13421	0.30%	0.029%
52	16.445	2250	2254	2255	rBV3	7558	9665	0.22%	0.021%
53	16.522	2265	2267	2273	rVB7	4419	5241	0.12%	0.011%
54	16.586	2275	2278	2285	rBV9	4597	9248	0.21%	0.020%
55	16.669	2287	2292	2298	rVB	100531	136459	3.04%	0.297%
56	16.881	2324	2328	2334	rBV8	17443	30071	0.67%	0.065%
57	16.939	2334	2338	2344	rVV2	35954	52913	1.18%	0.115%
58	16.992	2344	2347	2352	rVV7	7057	12873	0.29%	0.028%
59	17.028	2352	2353	2358	rVB5	5267	6096	0.14%	0.013%
60	17.181	2375	2379	2383	rBV7	5429	9022	0.20%	0.020%
61	17.239	2385	2389	2392	rBV6	6320	10884	0.24%	0.024%
62	17.375	2408	2412	2420	rBV8	20318	38278	0.85%	0.083%
63	17.445	2420	2424	2428	rBV6	18765	30643	0.68%	0.067%
64	17.504	2428	2434	2441	rBV	1891931	2653833	59.04%	5.767%
65	17.604	2445	2451	2458	rVV	2162824	3094283	68.84%	6.724%
66	17.692	2464	2466	2471	rVB5	15615	18711	0.42%	0.041%
67	17.775	2476	2480	2483	rVB4	6094	8624	0.19%	0.019%
68	17.839	2488	2491	2495	rBV5	18478	23811	0.53%	0.052%
69	17.969	2509	2513	2516	rBV6	11702	19157	0.43%	0.042%
70	18.010	2517	2520	2526	rVB2	33346	45888	1.02%	0.100%
71	18.145	2540	2543	2546	rBV5	8073	11390	0.25%	0.025%
72	18.251	2555	2561	2567	rBV	207780	313654	6.98%	0.682%
73	18.304	2568	2570	2574	rVB3	20969	20877	0.46%	0.045%
74	18.357	2575	2579	2589	rBV	583061	812583	18.08%	1.766%
75	18.657	2625	2630	2636	rBV9	14762	33166	0.74%	0.072%
76	18.922	2671	2675	2680	rVB2	54615	78496	1.75%	0.171%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP053123\
Data File : BP015357.D
Acq On : 31 May 2023 13:45
Operator : CG/JU
Sample : 02851-11
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
H0FK4

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

77	19.139	2709	2712	2716	rVB	32423	35131	0.78%	0.076%
78	19.239	2727	2729	2735	rBV6	15644	20895	0.46%	0.045%
79	19.398	2744	2756	2761	rBV8	90754	285124	6.34%	0.620%
80	19.445	2761	2764	2766	rBV3	38944	49187	1.09%	0.107%
81	19.469	2766	2768	2770	rBV	32179	32871	0.73%	0.071%
82	19.586	2784	2788	2799	rBV	165758	269987	6.01%	0.587%
83	19.680	2800	2804	2809	rVB3	56279	77912	1.73%	0.169%
84	19.822	2822	2828	2841	rBV	3025350	4223468	93.96%	9.178%
85	20.316	2909	2912	2915	rVV	71639	69467	1.55%	0.151%
86	20.351	2916	2918	2924	rVB	49048	53365	1.19%	0.116%
87	20.798	2991	2994	2997	rBV2	98483	107598	2.39%	0.234%
88	21.257	3068	3072	3079	rVB3	227673	351523	7.82%	0.764%
89	21.580	3122	3127	3137	rBV	2291555	3301897	73.46%	7.176%
90	22.186	3227	3230	3234	rBV	234543	265578	5.91%	0.577%
91	23.310	3416	3421	3427	rVB	1041194	1683410	37.45%	3.658%
92	23.974	3527	3534	3543	rVB2	2211951	4494990	100.00%	9.768%
93	24.139	3555	3562	3576	rVB	1542865	3360660	74.76%	7.303%
94	24.768	3665	3669	3677	rVB	284450	558982	12.44%	1.215%

Sum of corrected areas: 46015163

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP053123\
Data File : BP015357.D
Acq On : 31 May 2023 13:45
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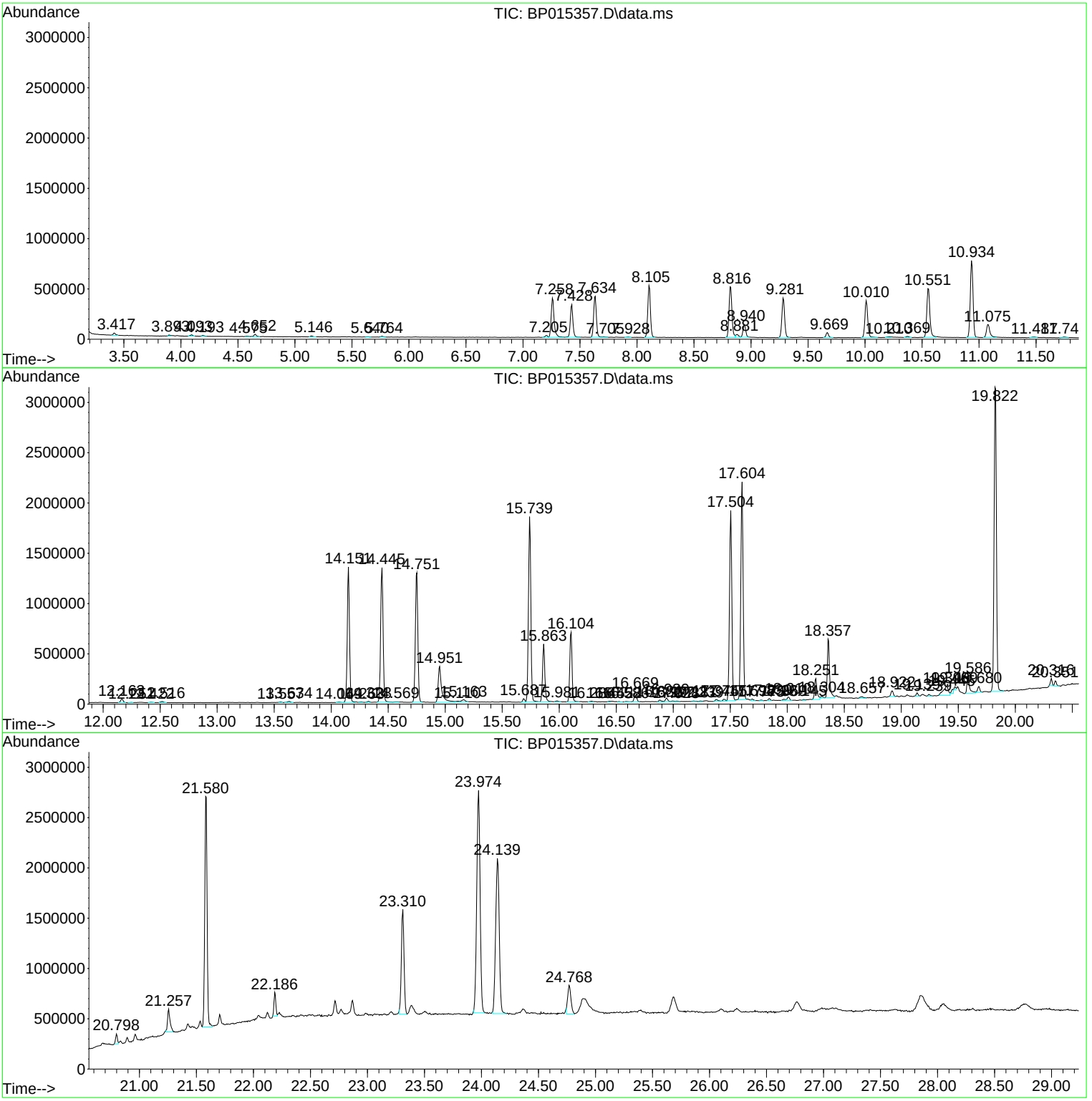
Sample : 02851-11
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
H0FK4

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\BP053123\
Data File : BP015357.D
Acq On : 31 May 2023 13:45
Operator : CG/JU
Sample : 02851-11
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
H0FK4

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

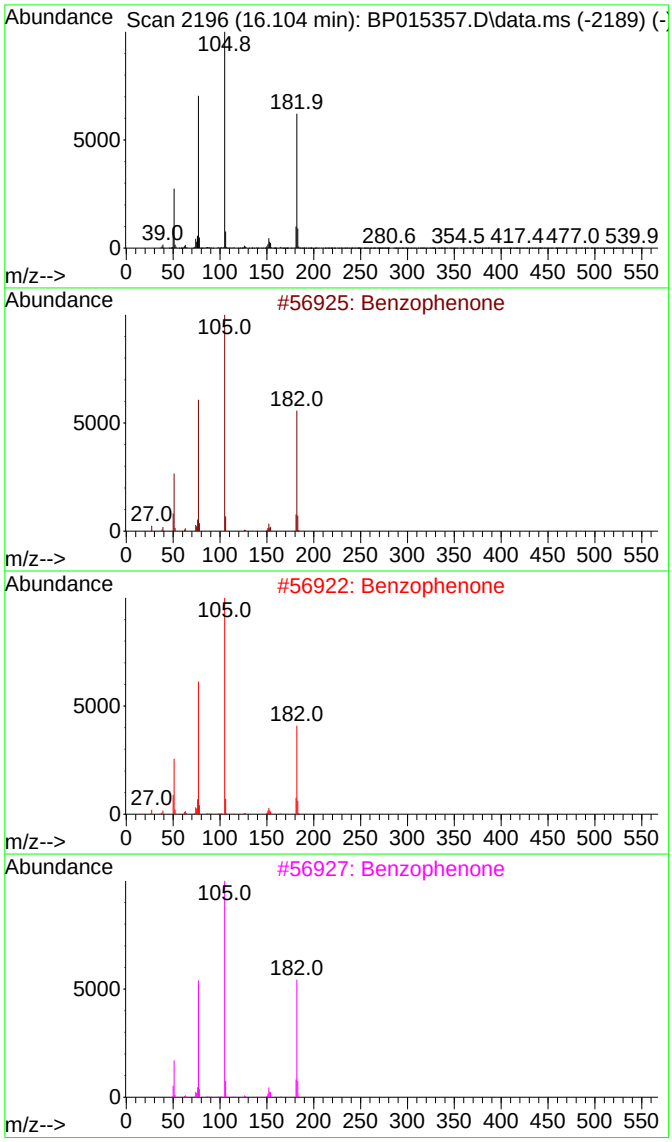
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

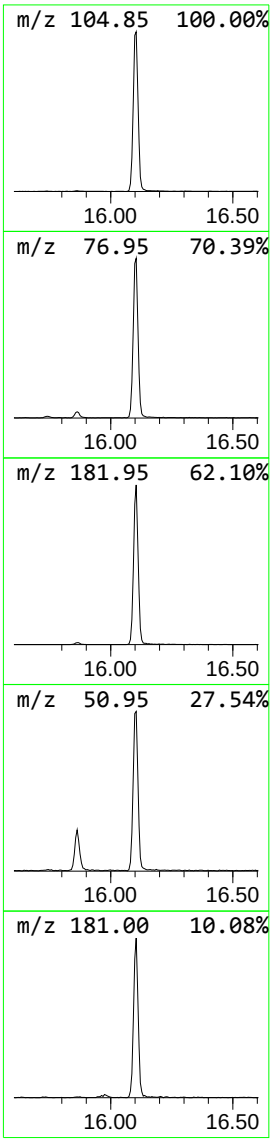
****

Peak Number 1 Benzophenone Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.104	9.84 ng/ul	971321	Acenaphthene-d10	14.751

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	78





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP053123\
Data File : BP015357.D
Acq On : 31 May 2023 13:45
Operator : CG/JU
Sample : 02851-11
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
H0FK4

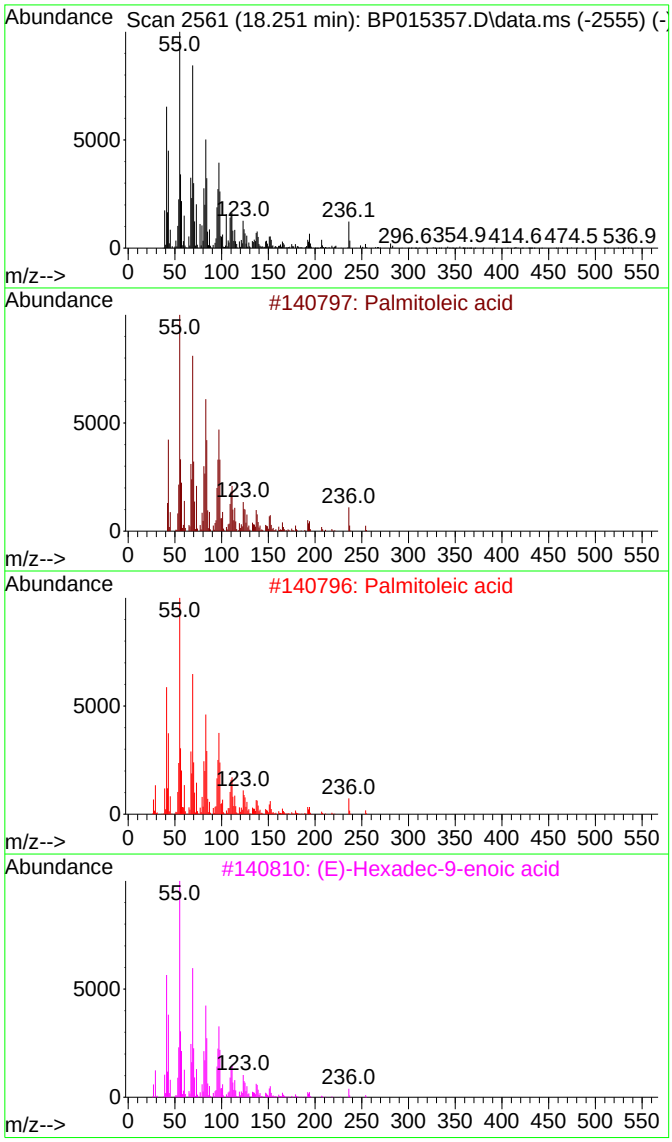
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP051123.MA.M
Quant Title : SVOA CALIBRATION

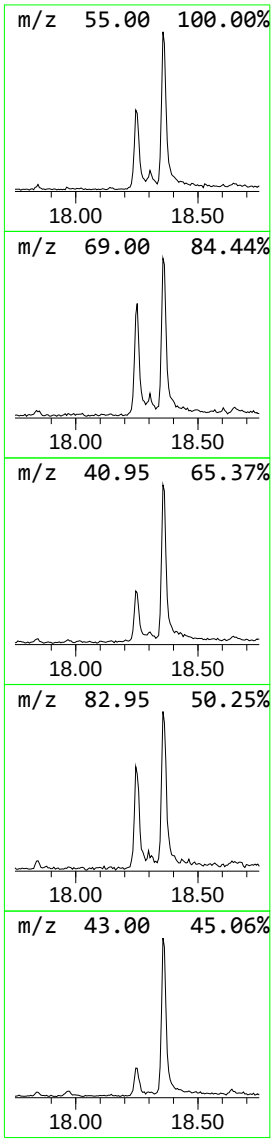
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Palmitoleic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.251	2.36 ng/ul	313654	Phenanthrene-d10	17.504

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Palmitoleic acid	254	C16H30O2	000373-49-9	99
2	Palmitoleic acid	254	C16H30O2	000373-49-9	99
3	(E)-Hexadec-9-enoic acid	254	C16H30O2	010030-73-6	97
4	cis-7-Hexadecenoic acid	254	C16H30O2	002416-19-5	96
5	9-Hexadecenoic acid	254	C16H30O2	002091-29-4	83





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP053123\
Data File : BP015357.D
Acq On : 31 May 2023 13:45
Operator : CG/JU
Sample : 02851-11
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
H0FK4

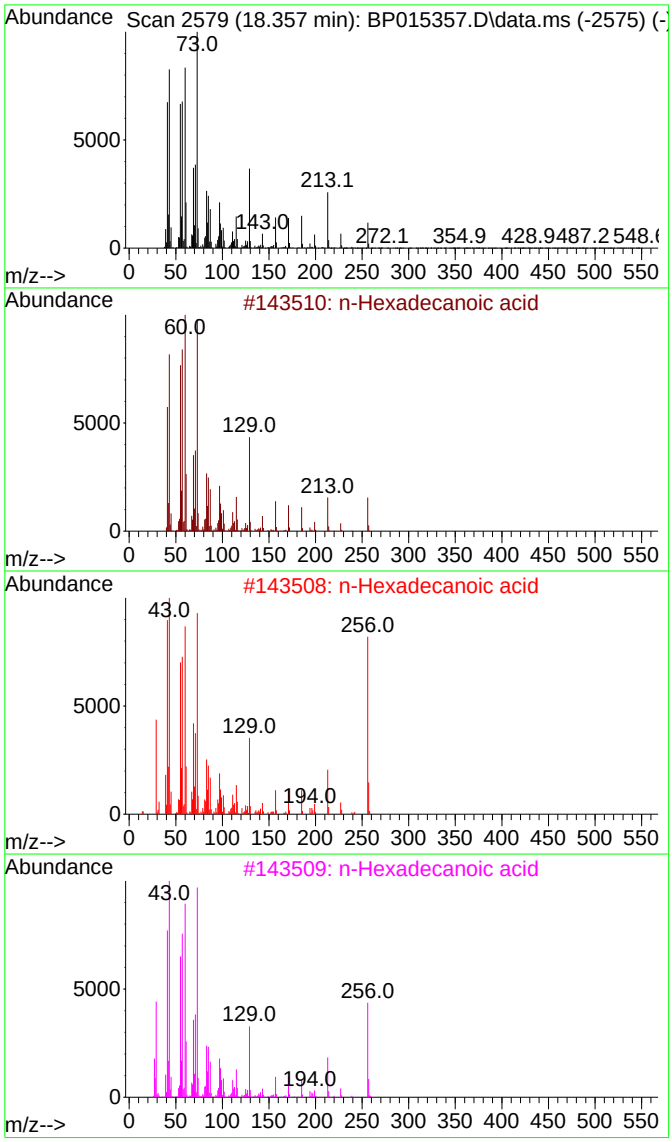
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP051123.MA.M
Quant Title : SVOA CALIBRATION

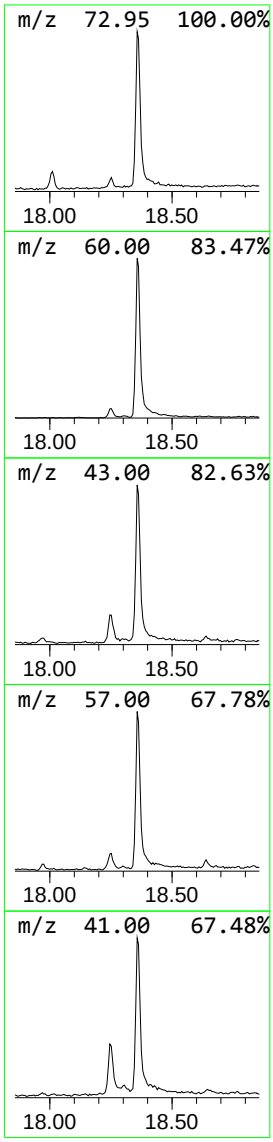
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.357	6.12 ng/ul	812583	Phenanthrene-d10	17.504

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	Tridecanoic acid	214	C13H26O2	000638-53-9	95





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP053123\
Data File : BP015357.D
Acq On : 31 May 2023 13:45
Operator : CG/JU
Sample : 02851-11
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
H0FK4

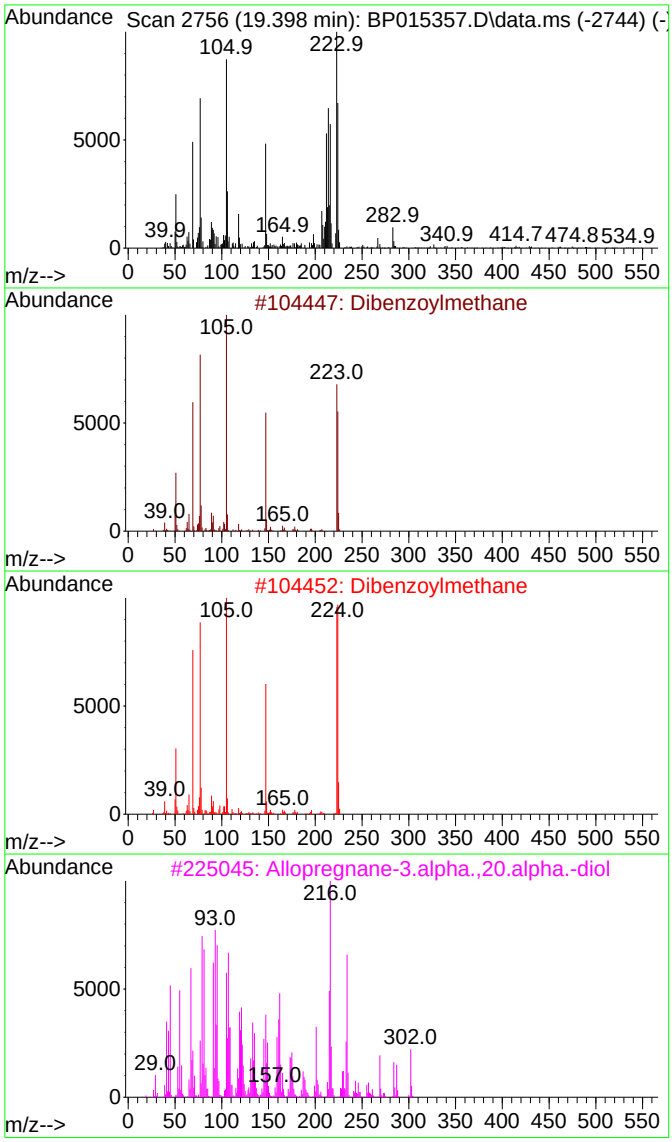
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP051123.MA.M
Quant Title : SVOA CALIBRATION

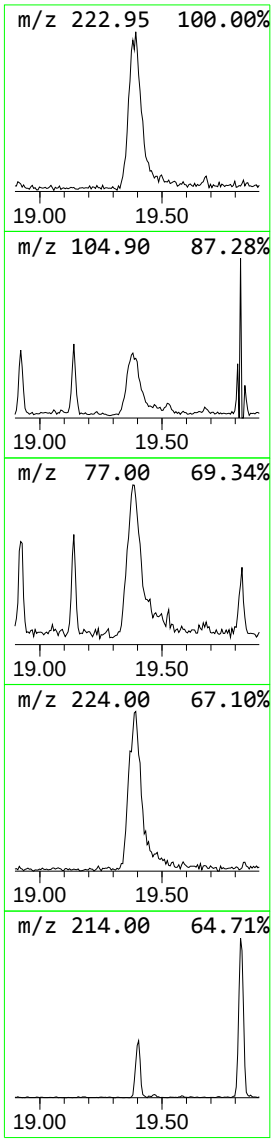
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Dibenzoylmethane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.398	2.15 ng/ul	285124	Phenanthrene-d10	17.504

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzoylmethane	224	C15H12O2	000120-46-7	92
2	Dibenzoylmethane	224	C15H12O2	000120-46-7	74
3	Allopregnane-3.alpha.,20.alpha.-...	320	C21H36O2	000566-58-5	60
4	2-Propen-1-one, 3-hydroxy-1,3-di...	224	C15H12O2	001704-15-0	43
5	Dibenzoylmethane	224	C15H12O2	000120-46-7	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP053123\
Data File : BP015357.D
Acq On : 31 May 2023 13:45
Operator : CG/JU
Sample : 02851-11
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
H0FK4

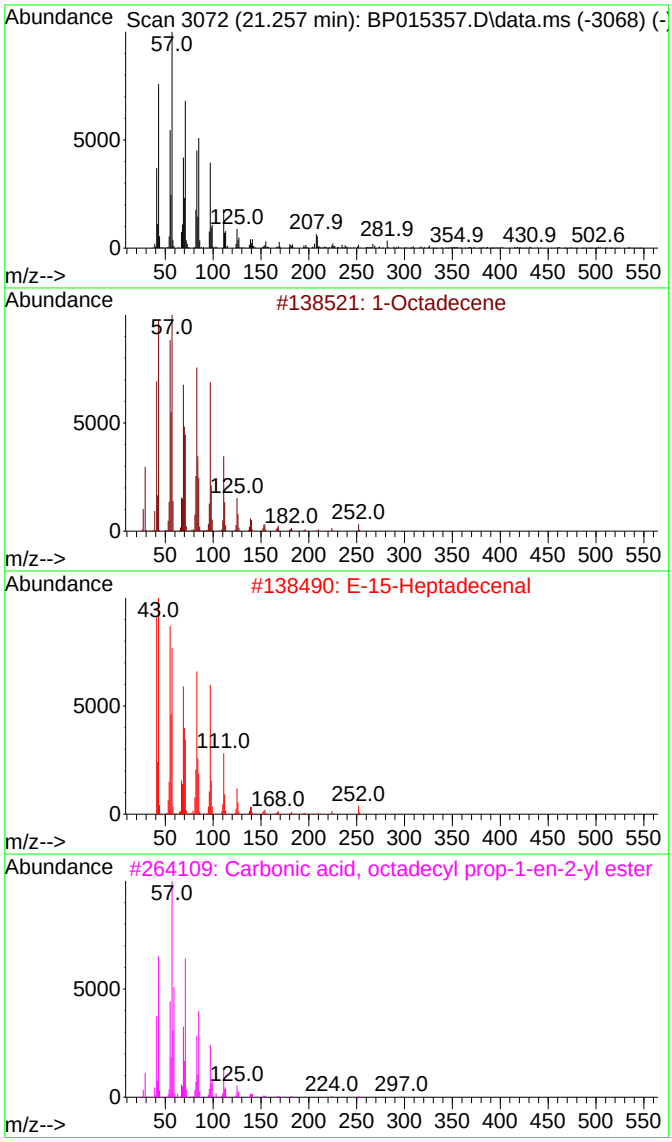
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP051123.MA.M
Quant Title : SVOA CALIBRATION

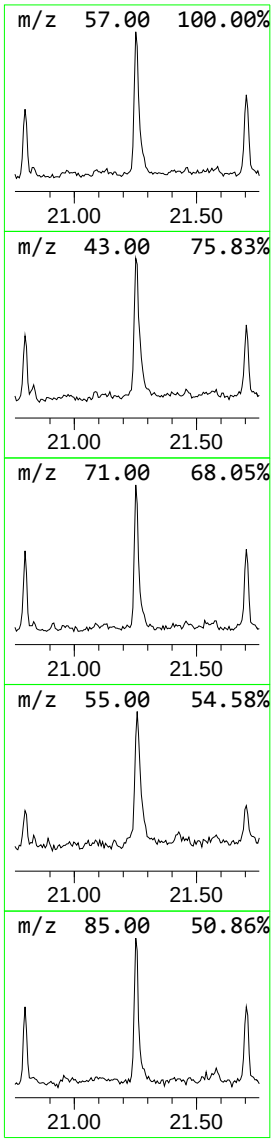
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.257	2.13 ng/ul	351523	Chrysene-d12	21.580

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Octadecene	252	C18H36	000112-88-9	95
2	E-15-Heptadecenal	252	C17H32O	1000130-97-9	95
3	Carbonic acid, octadecyl prop-1-...	354	C22H42O3	1000383-11-5	70
4	2- Chloropropionic acid, hexadec...	332	C19H37ClO2	086711-81-1	70
5	Pentadecafluorooctanoic acid, oc...	666	C26H37F15O2	1000406-04-8	70





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP053123\
Data File : BP015357.D
Acq On : 31 May 2023 13:45
Operator : CG/JU
Sample : 02851-11
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
H0FK4

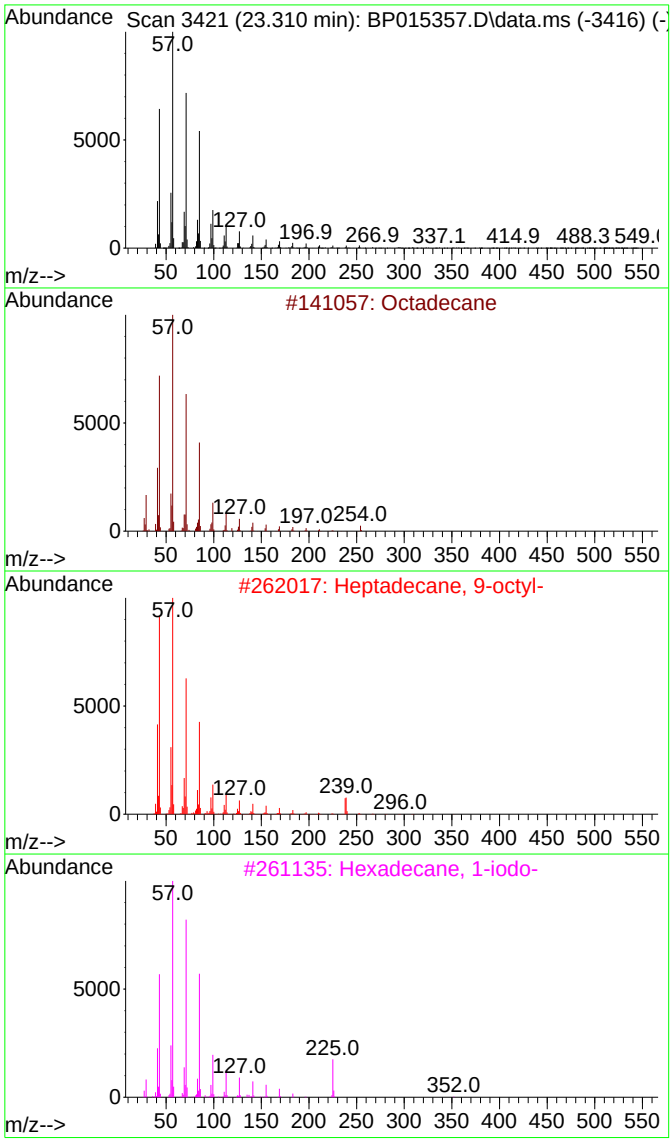
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP051123.MA.M
Quant Title : SVOA CALIBRATION

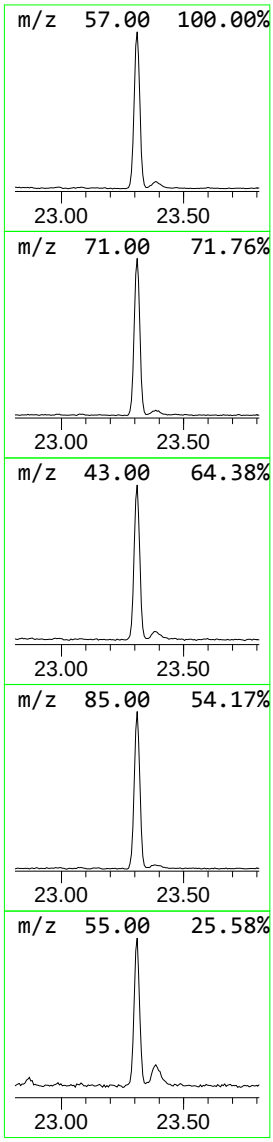
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.310	10.02 ng/ul	1683410	Perylene-d12	24.139

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	95
2	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	95
3	Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	94
4	Heneicosane	296	C21H44	000629-94-7	91
5	Octacosane, 2-methyl-	408	C29H60	001560-98-1	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP053123\
Data File : BP015357.D
Acq On : 31 May 2023 13:45
Operator : CG/JU
Sample : 02851-11
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
H0FK4

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

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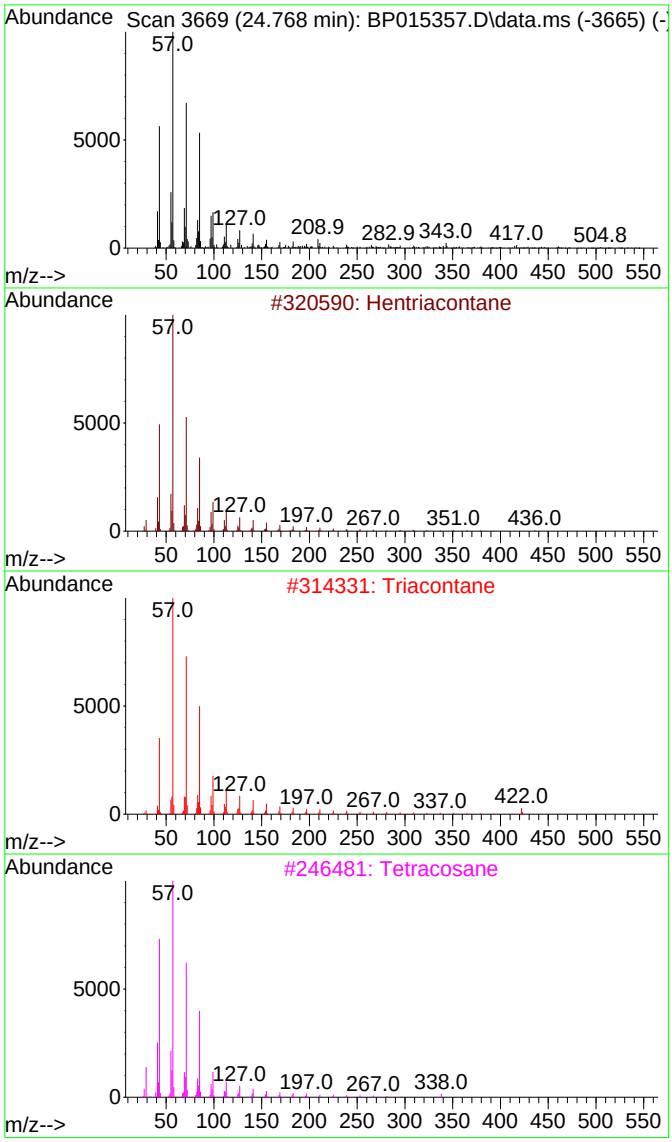
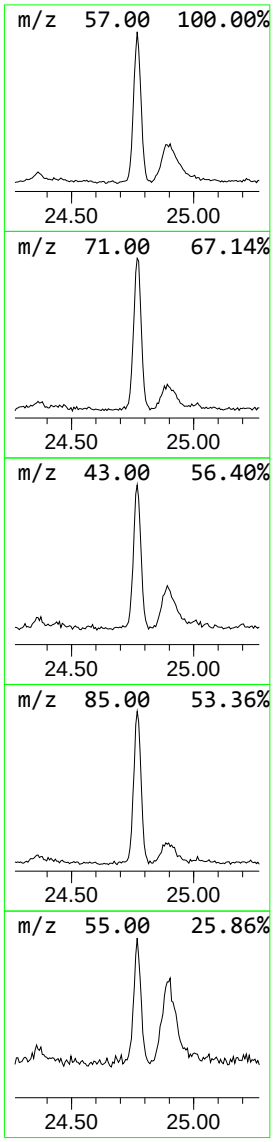
Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.768	3.33 ng/ul	558982	Perylene-d12	24.139

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hentriacontane	437	C31H64	000630-04-6	98
2	Triacontane	422	C30H62	000638-68-6	95
3	Tetracosane	338	C24H50	000646-31-1	93
4	Docosane	310	C22H46	000629-97-0	91
5	Octacosane, 2-methyl-	408	C29H60	001560-98-1	87





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP053123\
Data File : BP015357.D
Acq On : 31 May 2023 13:45
Operator : CG/JU
Sample : 02851-11
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
H0FK4

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	16.104	9.8	ng/ul	971321	3	14.751	1974260	20.0
Palmitoleic acid	18.251	2.4	ng/ul	313654	4	17.504	2653830	20.0
n-Hexadecanoic ...	18.357	6.1	ng/ul	812583	4	17.504	2653830	20.0
Dibenzoylmethane	19.398	2.1	ng/ul	285124	4	17.504	2653830	20.0
(DEL) Alkane: S...	21.257	2.1	ng/ul	351523	5	21.580	3301900	20.0
(DEL) Alkane: S...	23.310	10.0	ng/ul	1683410	6	24.139	3360660	20.0
(DEL) Alkane: S...	24.768	3.3	ng/ul	558982	6	24.139	3360660	20.0