LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052323\
Data File : BP015256.D
Acq On : 24 May 2023 00:22
Operator : CG/JU
Sample : 02861-11
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
H0FL4

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: BP015256.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.428	37	41	46	rBV	47315	59983	0.93%	0.094%
2	3.875	115	117	131	rBV	115299	206568	3.21%	0.325%
3	4.105	152	156	162	rVB2	12764	22217	0.35%	0.035%
4	4.211	170	174	179	rVB2	13506	19471	0.30%	0.031%
5	4.664	247	251	260	rVB	18255	33047	0.51%	0.052%
6	5.175	336	338	344	rVB5	5013	7814	0.12%	0.012%
7	5.652	416	419	427	rVB3	3715	7483	0.12%	0.012%
8	5.775	434	440	444	rBV3	7185	12586	0.20%	0.020%
9	7.222	681	686	688	rBV2	10602	15589	0.24%	0.025%
10	7.269	688	694	706	rVB	200547	348654	5.42%	0.548%
11	7.440	716	723	735	rBV	820884	1340618	20.83%	2.108%
12	7.640	750	757	768	rBV	846617	1349223	20.97%	2.122%
13	8.116	829	838	846	rBV	857509	1397547	21.72%	2.198%
14	8.828	952	959	971	rBV	648849	1094057	17.00%	1.721%
15	9.293	1030	1038	1052	rBV	1099782	1779144	27.65%	2.798%
16	9.452	1061	1065	1071	rVB8	6256	9732	0.15%	0.015%
17	9.687	1099	1105	1111	rVB2	39776	62482	0.97%	0.098%
18	10.022	1154	1162	1174	rBV	876412	1494970	23.23%	2.351%
19	10.557	1245	1253	1274	rBV	1244276	2223338	34.55%	3.497%
20	10.946	1311	1319	1328	rBV	1278349	2148838	33.39%	3.380%
21	11.081	1335	1342	1355	rBV	531455	985942	15.32%	1.551%
22	11.616	1427	1433	1437	rBV8	4166	7972	0.12%	0.013%
23	11.728	1446	1452	1455	rBV8	9253	17956	0.28%	0.028%
24	12.181	1523	1529	1536	rVB2	36351	57372	0.89%	0.090%
25	12.340	1553	1556	1565	rVB9	5902	9589	0.15%	0.015%
26	12.434	1565	1572	1576	rBV10	5215	9458	0.15%	0.015%
27	12.522	1581	1587	1594	rVV	21754	38741	0.60%	0.061%
28	12.734	1616	1623	1628	rBV5	8538	20155	0.31%	0.032%
29	13.569	1758	1765	1770	rBV3	11526	18851	0.29%	0.030%
30	13.640	1772	1777	1782	rVB2	42802	68415	1.06%	0.108%
31	13.722	1788	1791	1797	rVB8	4159	7659	0.12%	0.012%
32	14.157	1858	1865	1881	rBV	2737766	3845722	59.76%	6.048%
33	14.275	1881	1885	1889	rVB7	7759	11827	0.18%	0.019%
34	14.334	1891	1895	1900	rBV4	4715	7201	0.11%	0.011%
35	14.451	1908	1915	1925	rBV	2872047	4211223	65.44%	6.623%
36	14.757	1960	1967	1982	rBV	1968939	2932476	45.57%	4.612%

LSC Area Percent Report

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Acq On : 24 May 2023 00:22
Operator : CG/JU
Sample : 02861-11
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
H0FL4

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	14.857	1982	1984	1989	rVB6	5357	6508	0.10%	0.010%
38	14.951	1994	2000	2012	rBV	127357	262901	4.09%	0.413%
39	15.110	2024	2027	2031	rVB6	6104	7792	0.12%	0.012%
40	15.157	2031	2035	2041	rVB8	11830	23843	0.37%	0.037%
41	15.528	2095	2098	2101	rVV5	5517	9049	0.14%	0.014%
42	15.563	2102	2104	2110	rVB4	6207	11353	0.18%	0.018%
43	15.704	2122	2128	2129	rBV2	22703	32225	0.50%	0.051%
44	15.745	2129	2135	2148	rVV	3730810	5424229	84.29%	8.531%
45	15.863	2149	2155	2168	rVV	1245460	1684570	26.18%	2.649%
46	15.987	2172	2176	2182	rVB3	20888	32715	0.51%	0.051%
47	16.110	2191	2197	2210	rBV	409367	580137	9.01%	0.912%
48	16.445	2250	2254	2260	rBV8	7603	13274	0.21%	0.021%
49	16.675	2288	2293	2300	rVB	39391	57277	0.89%	0.090%
50	16.951	2336	2340	2346	rBV2	21020	29544	0.46%	0.046%
51	17.181	2376	2379	2385	rVB8	7906	11951	0.19%	0.019%
52	17.245	2387	2390	2393	rVB4	9433	11141	0.17%	0.018%
53	17.510	2428	2435	2444	rBV	2304208	3390618	52.69%	5.333%
54	17.610	2445	2452	2464	rVB	3982140	5754417	89.42%	9.050%
55	17.775	2478	2480	2484	rBV2	7680	8035	0.12%	0.013%
56	18.022	2518	2522	2526	rVB2	19275	25487	0.40%	0.040%
57	18.363	2575	2580	2587	rBV	318005	440344	6.84%	0.693%
58	18.439	2590	2593	2601	rVB2	31055	72160	1.12%	0.113%
59	18.769	2646	2649	2653	rVB5	12674	15129	0.24%	0.024%
60	18.851	2660	2663	2668	rBV4	17482	26169	0.41%	0.041%
61	18.922	2672	2675	2681	rVB	22146	32302	0.50%	0.051%
62	19.033	2692	2694	2698	rBV4	13568	17565	0.27%	0.028%
63	19.075	2698	2701	2706	rVB5	21667	26125	0.41%	0.041%
64	19.404	2753	2757	2762	rVB2	59231	77217	1.20%	0.121%
65	19.475	2764	2769	2772	rBV	67887	93914	1.46%	0.148%
66	19.586	2784	2788	2796	rBV	121679	172739	2.68%	0.272%
67	19.692	2802	2806	2810	rBV3	19771	26841	0.42%	0.042%
68	19.827	2823	2829	2838	rBV	4860965	6435559	100.00%	10.122%
69	21.269	3069	3074	3087	rBV2	314736	738920	11.48%	1.162%
70	21.580	3122	3127	3135	rBV	1999717	2718634	42.24%	4.276%
71	22.721	3318	3321	3326	rVB	158821	198247	3.08%	0.312%
72	23.310	3418	3421	3427	rVB2	213313	332271	5.16%	0.523%
73	23.974	3526	3534	3544	rVB2	2716472	5756764	89.45%	9.054%
74	24.133	3555	3561	3571	rVB	1235705	2688472	41.78%	4.228%
75	24.774	3666	3670	3682	rVB	214568	451696	7.02%	0.710%

LSC Area Percent Report

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Acq On : 24 May 2023 00:22
Operator : CG/JU
Sample : 02861-11
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
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ClientSampleId :
H0FL4

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

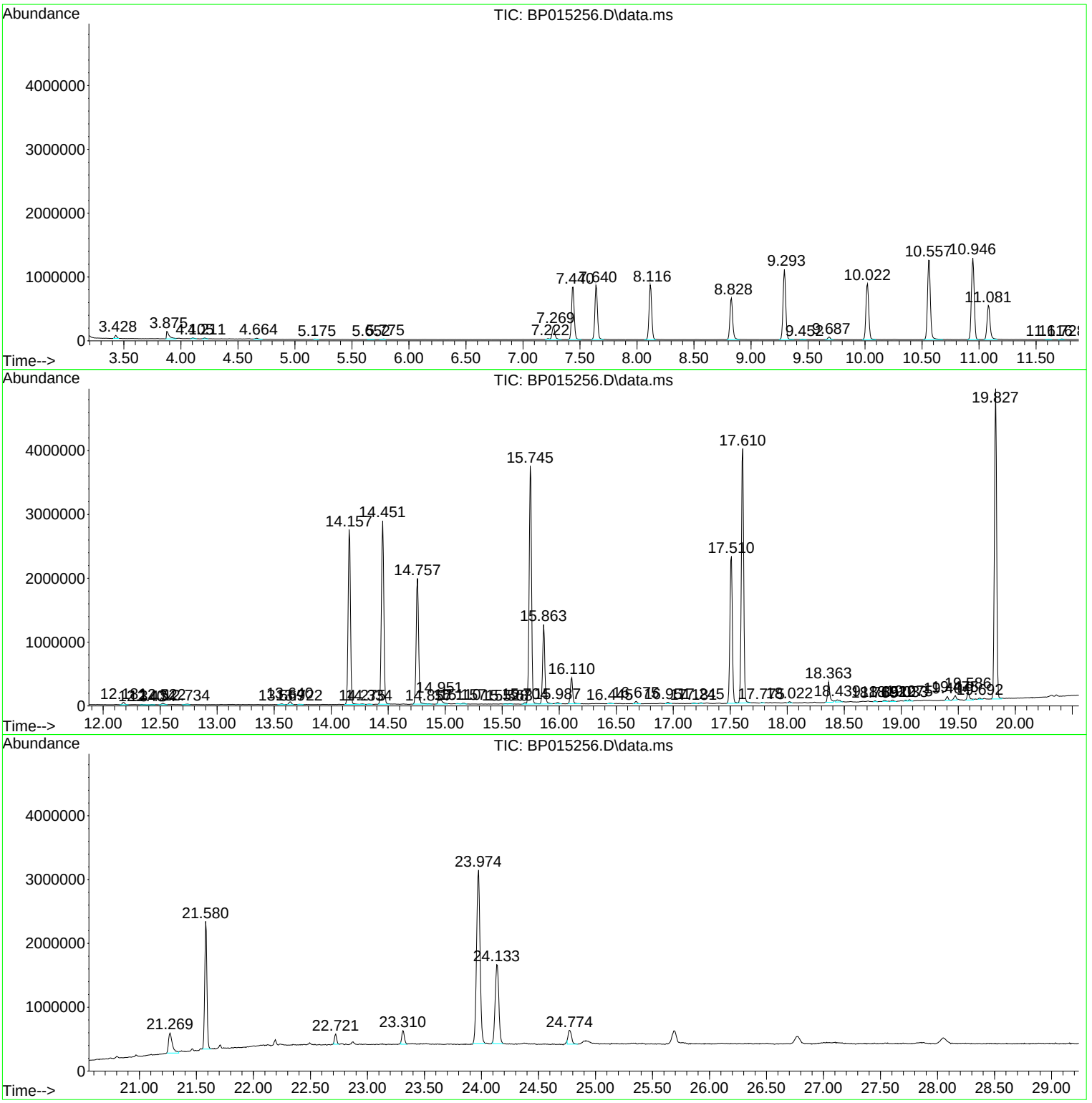
Sum of corrected areas: 63582054

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052323\
Data File : BP015256.D
Acq On : 24 May 2023 00:22
Operator : CG/JU
Sample : 02861-11
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
H0FL4

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\BP052323\
Data File : BP015256.D
Acq On : 24 May 2023 00:22
Operator : CG/JU
Sample : 02861-11
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
H0FL4

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

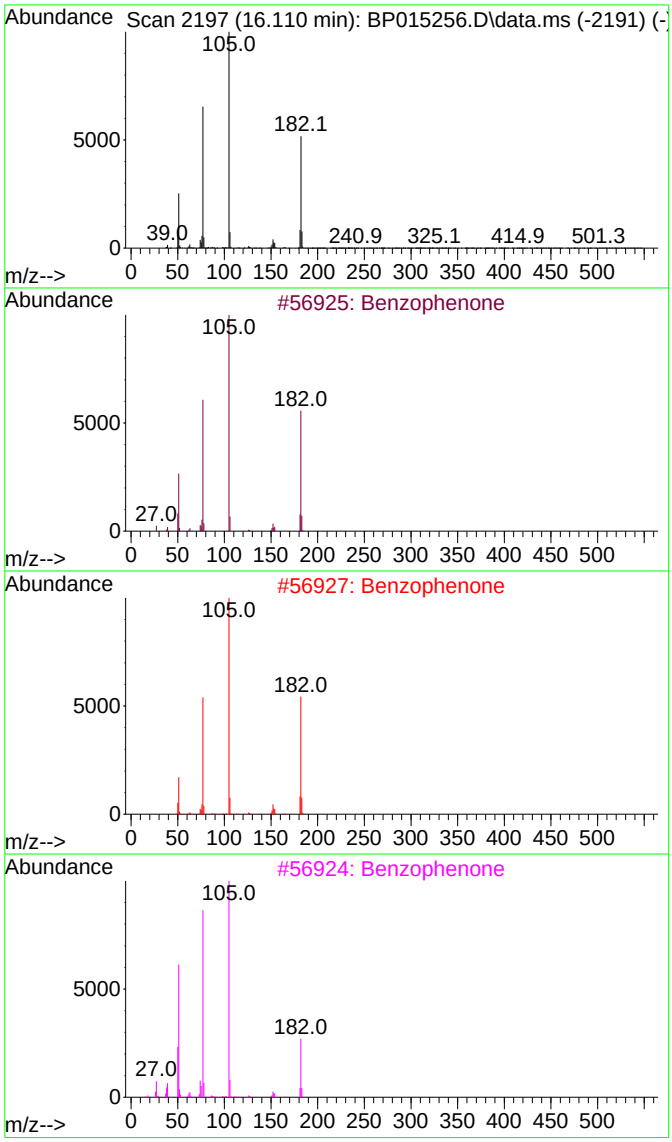
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

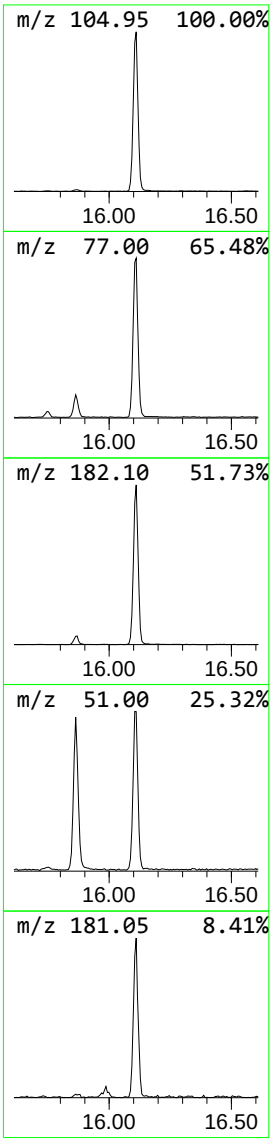
****

Peak Number 1 Benzophenone Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.110	3.96 ng/ul	580137	Acenaphthene-d10	14.757

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	95
4	Benzophenone	182	C13H10O	000119-61-9	94
5	Benzophenone	182	C13H10O	000119-61-9	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052323\
Data File : BP015256.D
Acq On : 24 May 2023 00:22
Operator : CG/JU
Sample : 02861-11
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
H0FL4

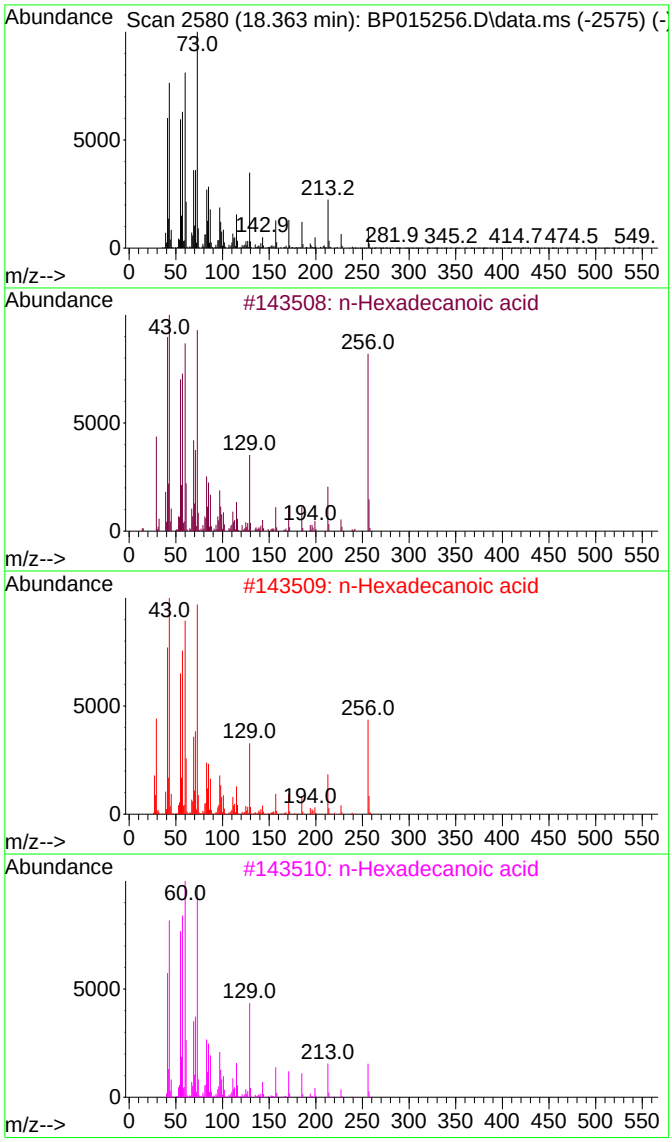
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP051123.MA.M
Quant Title : SVOA CALIBRATION

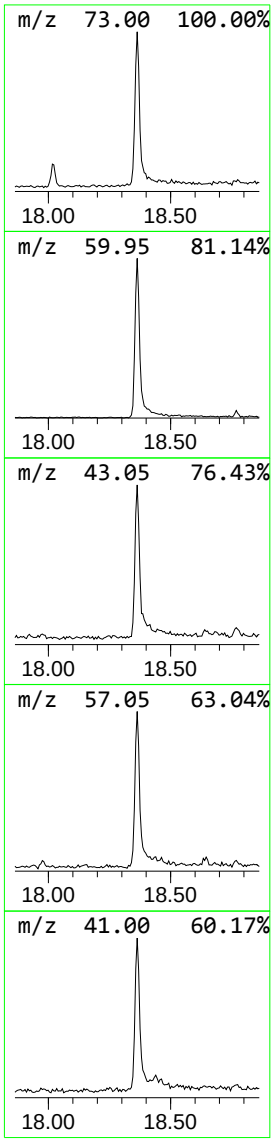
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.363	2.60 ng/ul	440344	Phenanthrene-d10	17.510

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	97
5	Tridecanoic acid	214	C13H26O2	000638-53-9	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052323\
Data File : BP015256.D
Acq On : 24 May 2023 00:22
Operator : CG/JU
Sample : 02861-11
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
H0FL4

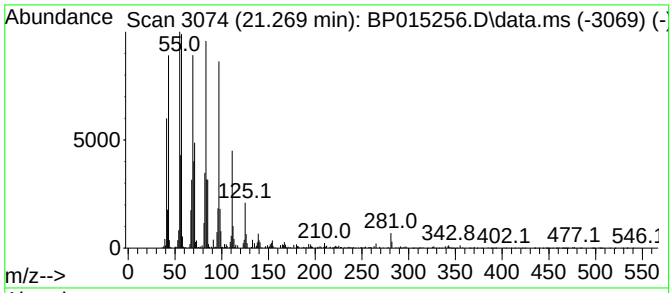
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP051123.MA.M
Quant Title : SVOA CALIBRATION

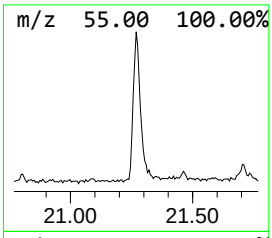
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

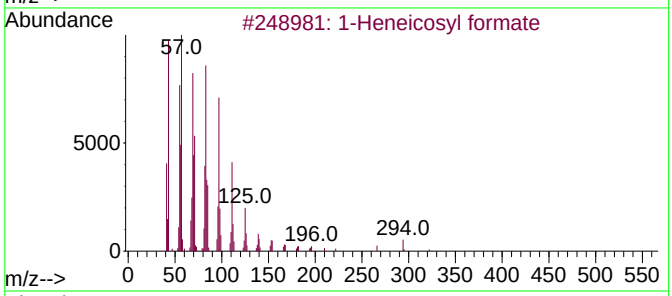
****
Peak Number 3 1-Heneicosyl formate Concentration Rank 1

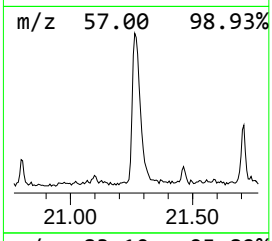
R.T.	EstConc	Area	Relative to ISTD	R.T.
21.269	5.44 ng/ul	738920	Chrysene-d12	21.580

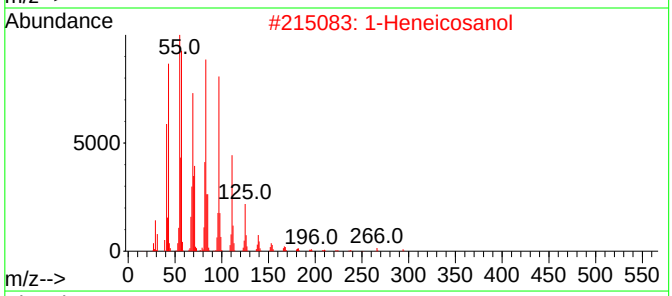
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosyl formate	340	C22H44O2	077899-03-7	99
2	1-Heneicosanol	312	C21H44O	015594-90-8	94
3	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	94
4	1-Tetracosene	336	C24H48	010192-32-2	94
5	Behenic alcohol	326	C22H46O	000661-19-8	93

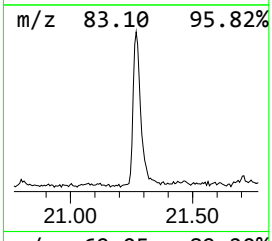


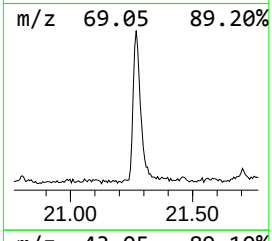


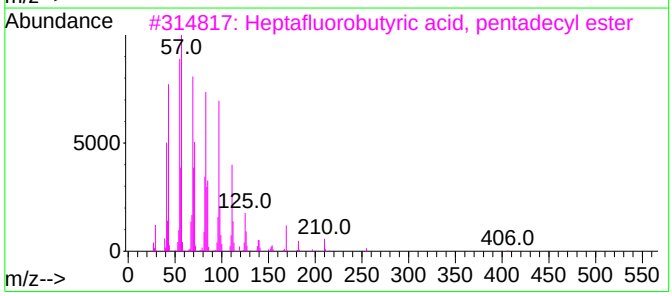


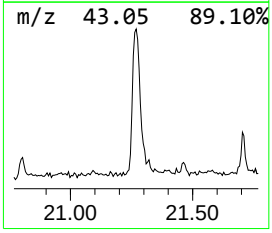












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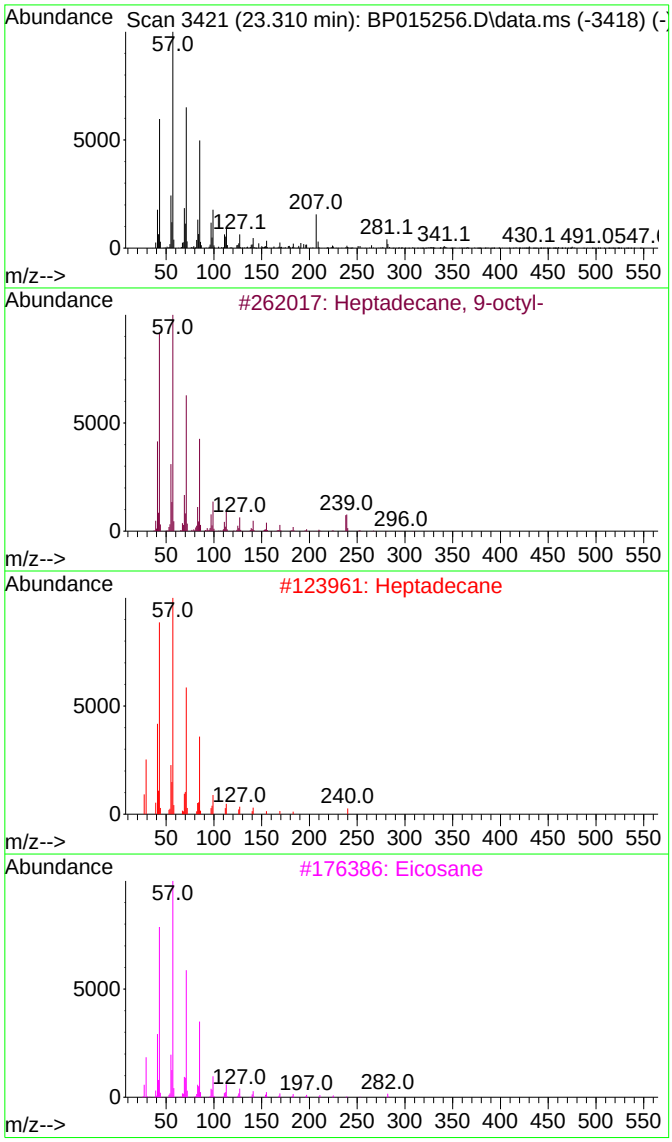
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP051123.MA.M
Quant Title : SVOA CALIBRATION

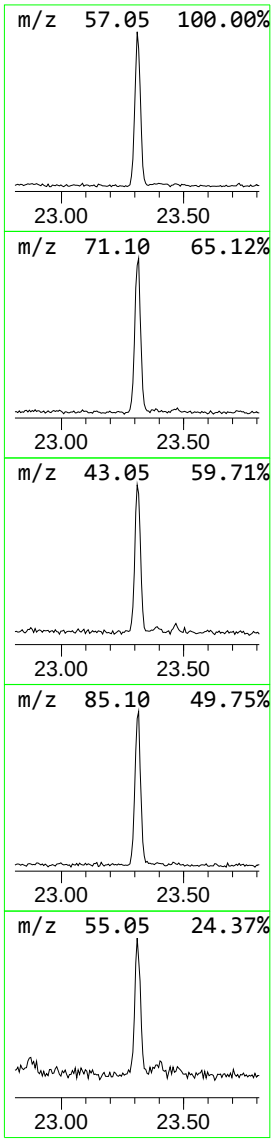
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.310	2.47 ng/ul	332271	Perylene-d12	24.139

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	94
2	Heptadecane	240	C17H36	000629-78-7	94
3	Eicosane	282	C20H42	000112-95-8	93
4	Triacontane	422	C30H62	000638-68-6	87
5	Heneicosane	296	C21H44	000629-94-7	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052323\
Data File : BP015256.D
Acq On : 24 May 2023 00:22
Operator : CG/JU
Sample : 02861-11
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
H0FL4

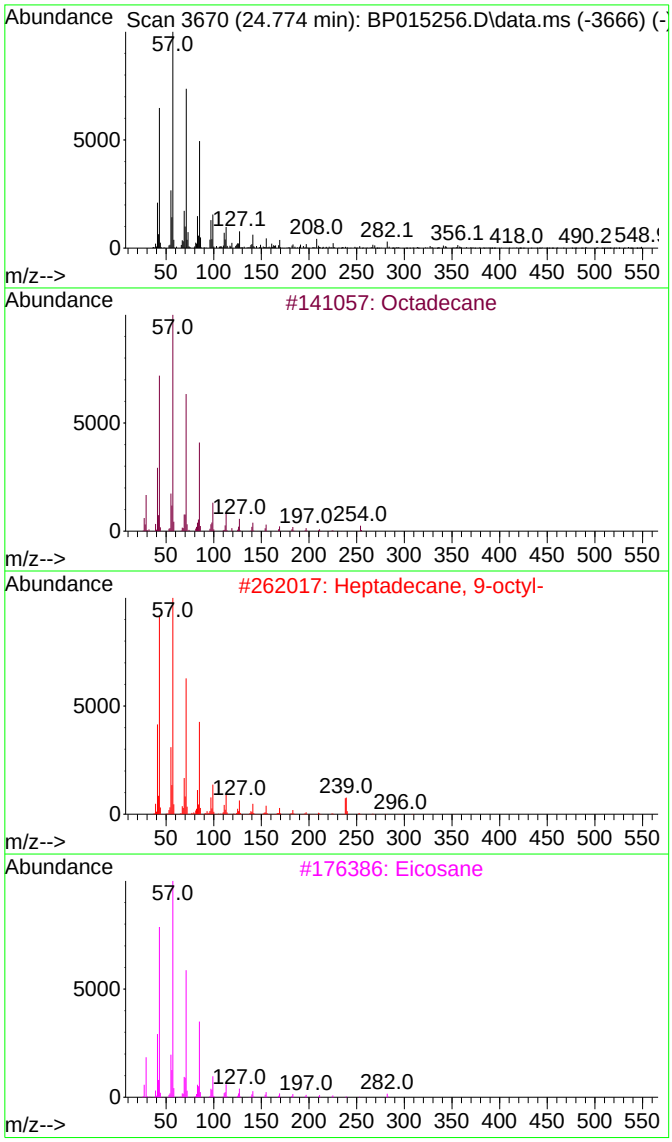
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP051123.MA.M
Quant Title : SVOA CALIBRATION

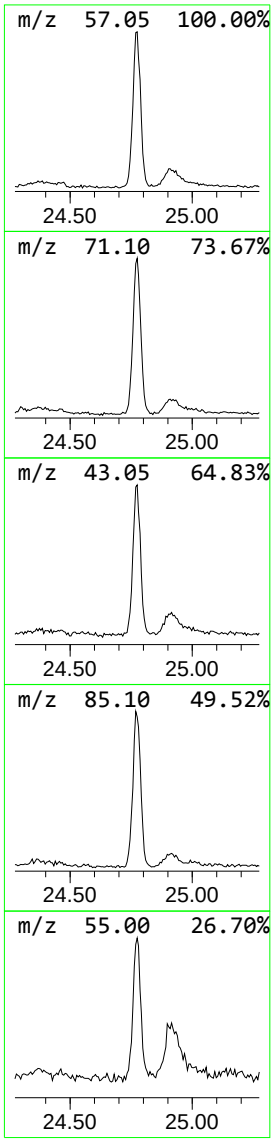
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.774	3.36 ng/ul	451696	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	93
3	Eicosane	282	C20H42	000112-95-8	93
4	Eicosane	282	C20H42	000112-95-8	93
5	Tetratetracontane	619	C44H90	007098-22-8	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052323\
Data File : BP015256.D
Acq On : 24 May 2023 00:22
Operator : CG/JU
Sample : 02861-11
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
H0FL4

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	16.110	4.0	ng/ul	580137	3	14.757	2932480	20.0
n-Hexadecanoic ...	18.363	2.6	ng/ul	440344	4	17.510	3390620	20.0
1-Heneicosyl fo...	21.269	5.4	ng/ul	738920	5	21.580	2718630	20.0
(DEL) Alkane: S...	23.310	2.5	ng/ul	332271	6	24.139	2688470	20.0
(DEL) Alkane: S...	24.774	3.4	ng/ul	451696	6	24.139	2688470	20.0