LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP040523\
Data File : BP014604.D
Acq On : 07 Apr 2023 00:37
Operator : CG/JU
Sample : 02225-06
Misc :
ALS Vial : 55 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C0AD2

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-BP032823.M
Title : SVOA CALIBRATION

Signal : TIC: BP014604.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.364	27	30	38	rVB	31181	43980	1.25%	0.111%
2	3.834	107	110	115	rBV	23551	41532	1.18%	0.104%
3	4.017	136	141	147	rVB	17590	28128	0.80%	0.071%
4	4.117	155	158	165	rVB2	14210	20994	0.60%	0.053%
5	4.228	172	177	185	rVB9	9658	15748	0.45%	0.040%
6	4.499	219	223	226	rBV6	4281	6312	0.18%	0.016%
7	5.046	311	316	323	rBV	16610	28902	0.82%	0.073%
8	6.364	536	540	547	rBV5	8928	15019	0.43%	0.038%
9	7.069	655	660	665	rVB9	2734	4263	0.12%	0.011%
10	7.158	667	675	687	rBV	56481	142491	4.04%	0.358%
11	7.311	695	701	713	rBV	374878	633055	17.95%	1.593%
12	7.511	728	735	751	rBV	295066	548413	15.55%	1.380%
13	7.981	808	815	827	rBV	630140	1066469	30.24%	2.683%
14	8.705	931	938	952	rBV	203528	430015	12.19%	1.082%
15	9.158	1009	1015	1034	rBV	465253	865641	24.54%	2.178%
16	9.528	1071	1078	1087	rVB	23876	40766	1.16%	0.103%
17	9.887	1133	1139	1158	rBV	321509	602645	17.09%	1.516%
18	10.434	1224	1232	1253	rBV	366620	867363	24.59%	2.182%
19	10.799	1286	1294	1307	rBV	938625	1636299	46.39%	4.117%
20	10.952	1313	1320	1343	rBV	307580	777745	22.05%	1.957%
21	11.275	1371	1375	1383	rVB10	3804	8450	0.24%	0.021%
22	12.022	1498	1502	1510	rVB4	10206	17542	0.50%	0.044%
23	12.105	1513	1516	1520	rBV6	2417	4047	0.11%	0.010%
24	12.199	1527	1532	1538	rBV5	9461	16822	0.48%	0.042%
25	12.404	1562	1567	1575	rBV5	8193	16606	0.47%	0.042%
26	12.634	1602	1606	1611	rVB3	4827	7668	0.22%	0.019%
27	12.828	1634	1639	1643	rBV8	3915	6177	0.18%	0.016%
28	13.010	1666	1670	1674	rBV7	2869	4165	0.12%	0.010%
29	13.146	1690	1693	1696	rBV4	3826	4984	0.14%	0.013%
30	13.351	1725	1728	1732	rBV6	2879	4614	0.13%	0.012%
31	13.434	1737	1742	1749	rVV2	19210	28615	0.81%	0.072%
32	13.516	1754	1756	1760	rVV4	4321	5054	0.14%	0.013%
33	13.604	1767	1771	1776	rBV7	3765	6706	0.19%	0.017%
34	13.804	1801	1805	1809	rBV4	4099	4128	0.12%	0.010%
35	14.040	1835	1845	1858	rBV	1374889	1989961	56.42%	5.006%
36	14.146	1860	1863	1868	rVB5	14140	19344	0.55%	0.049%

LSC Area Percent Report

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Instrument :
BNA_P
ClientSampleId :
C0AD2

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-BP032823.M
Title : SVOA CALIBRATION

37	14.222	1870	1876	1881	rBV	21091	35317	1.00%	0.089%
38	14.281	1881	1886	1887	rVV5	5001	8111	0.23%	0.020%
39	14.328	1887	1894	1909	rVB	1356155	2052821	58.20%	5.165%
40	14.504	1921	1924	1930	rVB6	7694	12109	0.34%	0.030%
41	14.634	1939	1946	1954	rBV	1507407	2294991	65.07%	5.774%
42	14.934	1990	1997	1998	rBV6	12709	25861	0.73%	0.065%
43	15.063	2016	2019	2023	rVB5	5468	7027	0.20%	0.018%
44	15.375	2066	2072	2082	rBV	89455	134555	3.81%	0.339%
45	15.457	2082	2086	2089	rBV5	10389	13843	0.39%	0.035%
46	15.569	2101	2105	2108	rBV6	6582	9564	0.27%	0.024%
47	15.628	2108	2115	2131	rVV	1868862	2721716	77.16%	6.847%
48	15.763	2132	2138	2151	rVV	472850	811025	22.99%	2.040%
49	15.869	2154	2156	2161	rVB6	13366	17714	0.50%	0.045%
50	15.993	2171	2177	2189	rBV	885080	1317170	37.34%	3.314%
51	16.169	2205	2207	2211	rBV5	2850	3531	0.10%	0.009%
52	16.328	2230	2234	2238	rBV4	15271	24811	0.70%	0.062%
53	16.481	2257	2260	2261	rBV3	3555	4068	0.12%	0.010%
54	16.563	2268	2274	2279	rBV	158192	223831	6.35%	0.563%
55	16.687	2293	2295	2297	rBV3	4159	3937	0.11%	0.010%
56	16.792	2309	2313	2317	rBV7	12450	22203	0.63%	0.056%
57	16.910	2330	2333	2337	rVB6	5855	8067	0.23%	0.020%
58	17.075	2356	2361	2364	rVB7	8536	12137	0.34%	0.031%
59	17.128	2366	2370	2373	rBV2	14513	20829	0.59%	0.052%
60	17.298	2395	2399	2400	rBV3	5889	5432	0.15%	0.014%
61	17.392	2408	2415	2425	rBV	1891623	2780102	78.82%	6.994%
62	17.492	2426	2432	2441	rVV	2121475	3087038	87.52%	7.767%
63	17.863	2492	2495	2499	rBV3	16132	23083	0.65%	0.058%
64	18.157	2540	2545	2548	rBV7	11919	17602	0.50%	0.044%
65	18.263	2558	2563	2576	rBV	719615	1170962	33.20%	2.946%
66	19.139	2709	2712	2715	rBV2	22209	24512	0.69%	0.062%
67	19.298	2736	2739	2746	rBV4	30499	43217	1.23%	0.109%
68	19.369	2747	2751	2760	rVV4	36941	88818	2.52%	0.223%
69	19.492	2768	2772	2782	rBV	172095	330685	9.38%	0.832%
70	19.622	2792	2794	2798	rVB5	25749	27784	0.79%	0.070%
71	19.722	2805	2811	2822	rBV	2619588	3527170	100.00%	8.874%
72	21.163	3051	3056	3067	rBV	713984	1241555	35.20%	3.124%
73	21.480	3105	3110	3120	rBV	1662226	2410682	68.35%	6.065%
74	22.739	3320	3324	3330	rVB	227062	327539	9.29%	0.824%
75	23.816	3501	3507	3519	rVB2	1406617	2771785	78.58%	6.973%
76	23.980	3529	3535	3548	rVB2	1013667	2123778	60.21%	5.343%

LSC Area Percent Report

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Sample : 02225-06
Misc :
ALS Vial : 55 Sample Multiplier: 1

Instrument :
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ClientSampleId :
C0AD2

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_P\Methods\SFAM-EPA-BP032823.M
Title : SVOA CALIBRATION

Sum of corrected areas: 39747645

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP040523\
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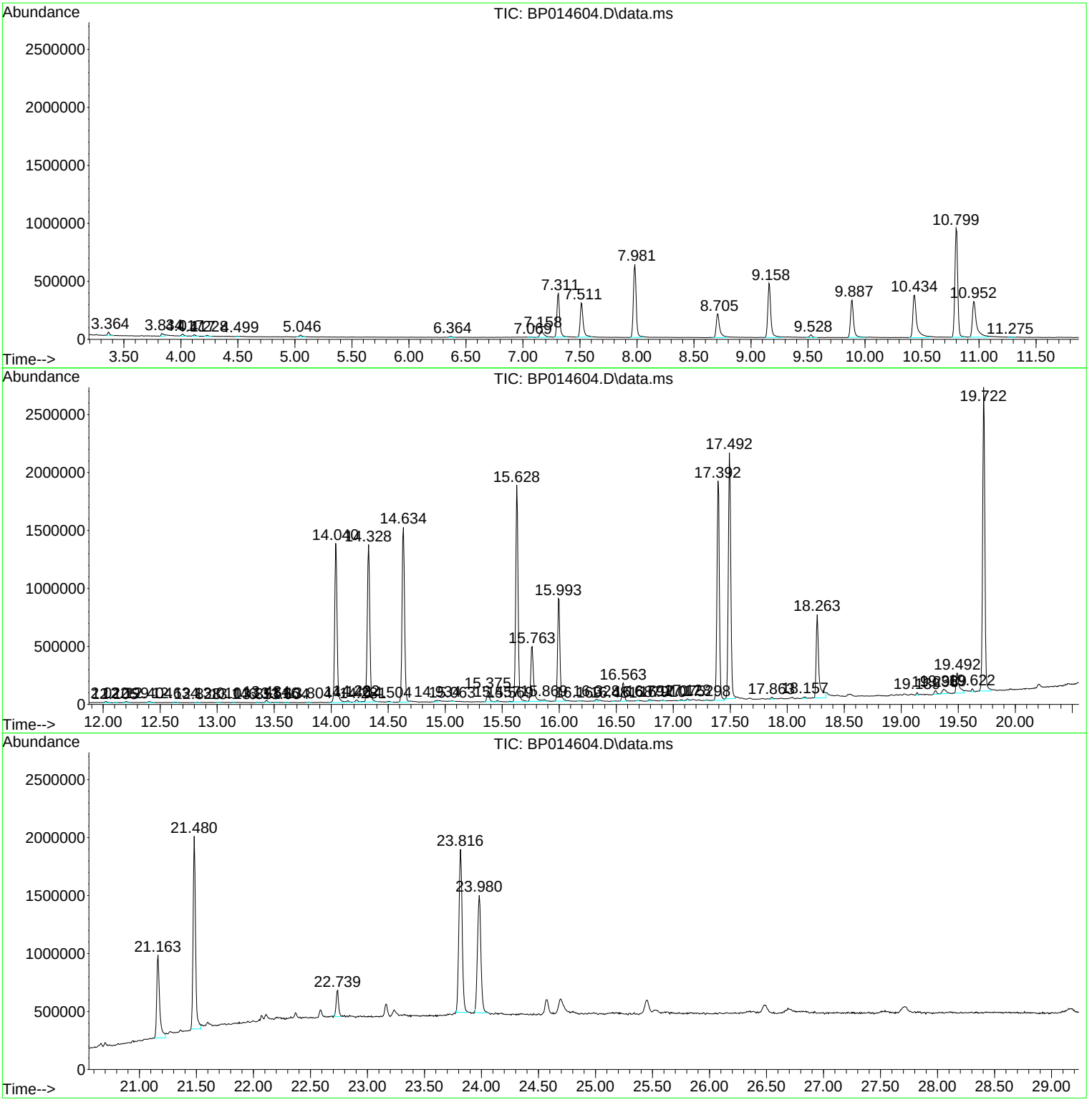
Sample : 02225-06
Misc :
ALS Vial : 55 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C0AD2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP032823.M
Quant Title : SVOA CALIBRATION

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



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Data File : BP014604.D
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Sample : 02225-06
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Instrument :
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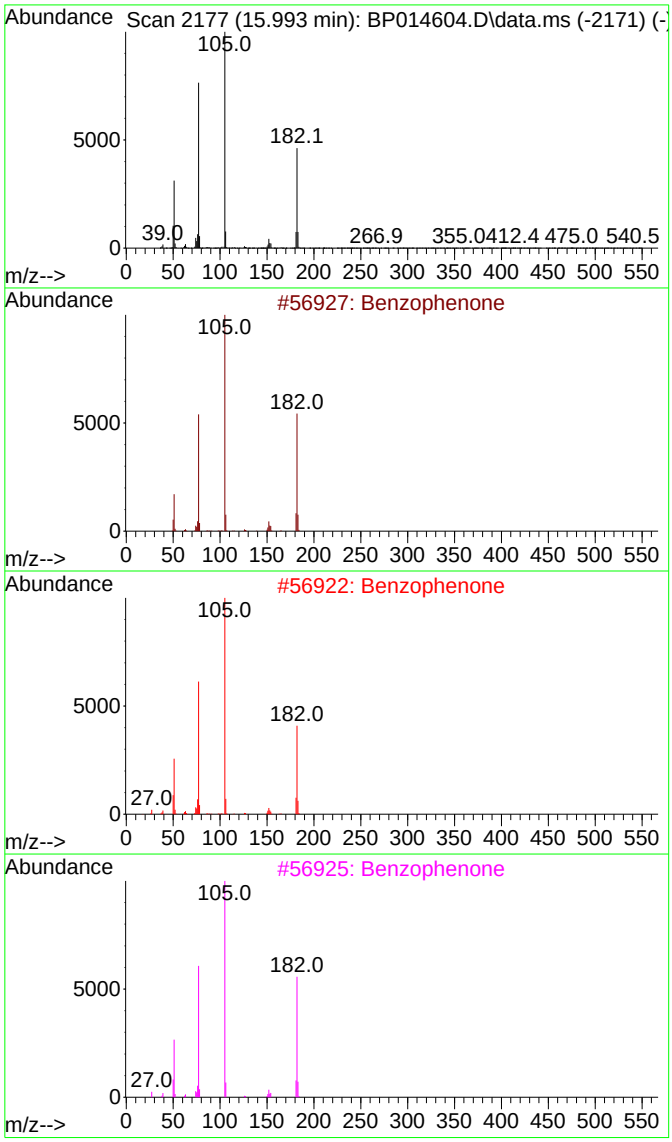
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP032823.M
Quant Title : SVOA CALIBRATION

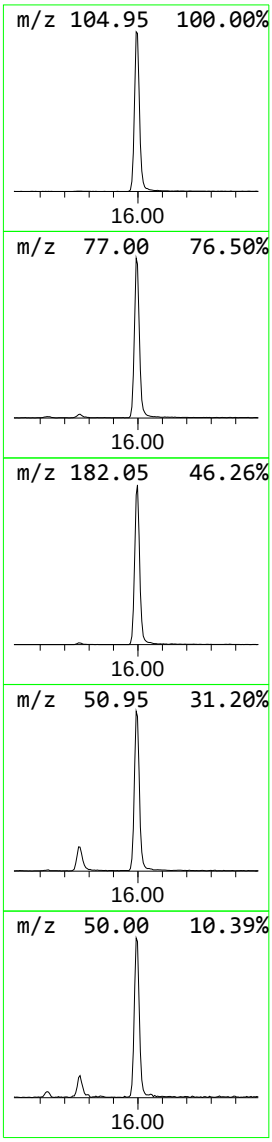
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Benzophenone Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.993	11.48 ng/ul	1317170	Acenaphthene-d10	14.634

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	97
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	86





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Operator : CG/JU
Sample : 02225-06
Misc :
ALS Vial : 55 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C0AD2

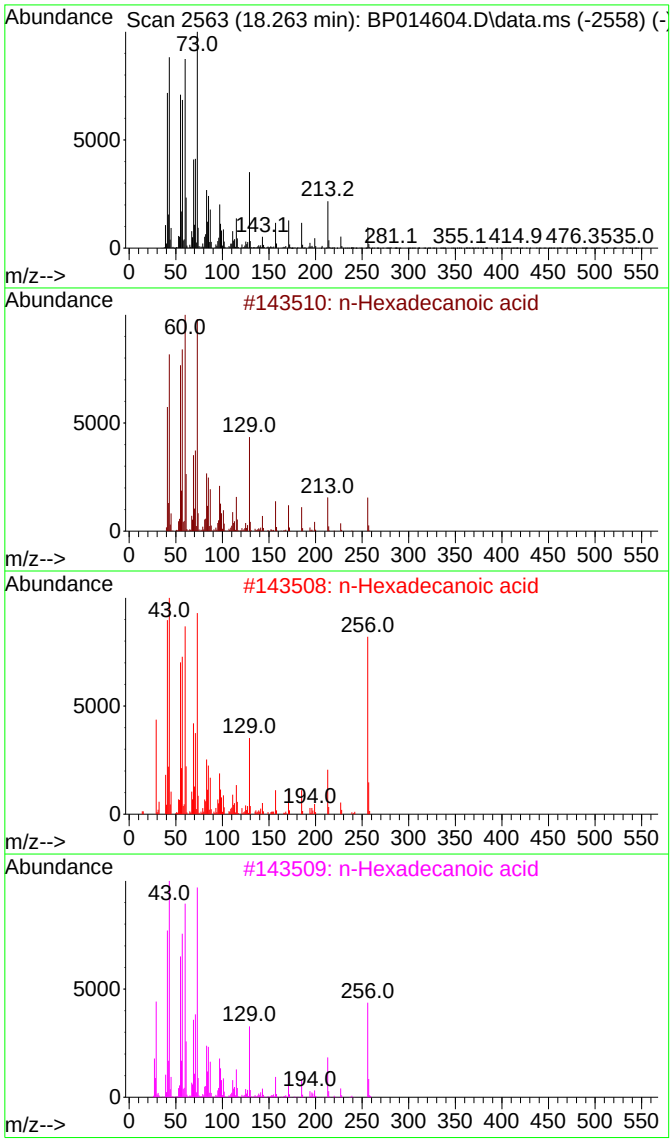
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP032823.M
Quant Title : SVOA CALIBRATION

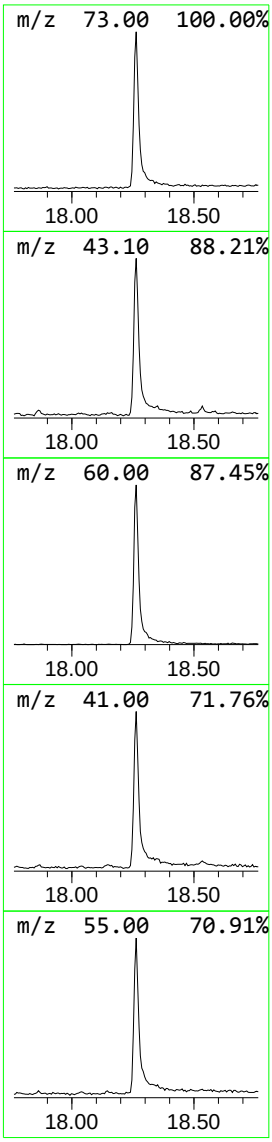
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.263	8.42 ng/ul	1170960	Phenanthrene-d10	17.392

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	97
5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP040523\
Data File : BP014604.D
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Sample : 02225-06
Misc :
ALS Vial : 55 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C0AD2

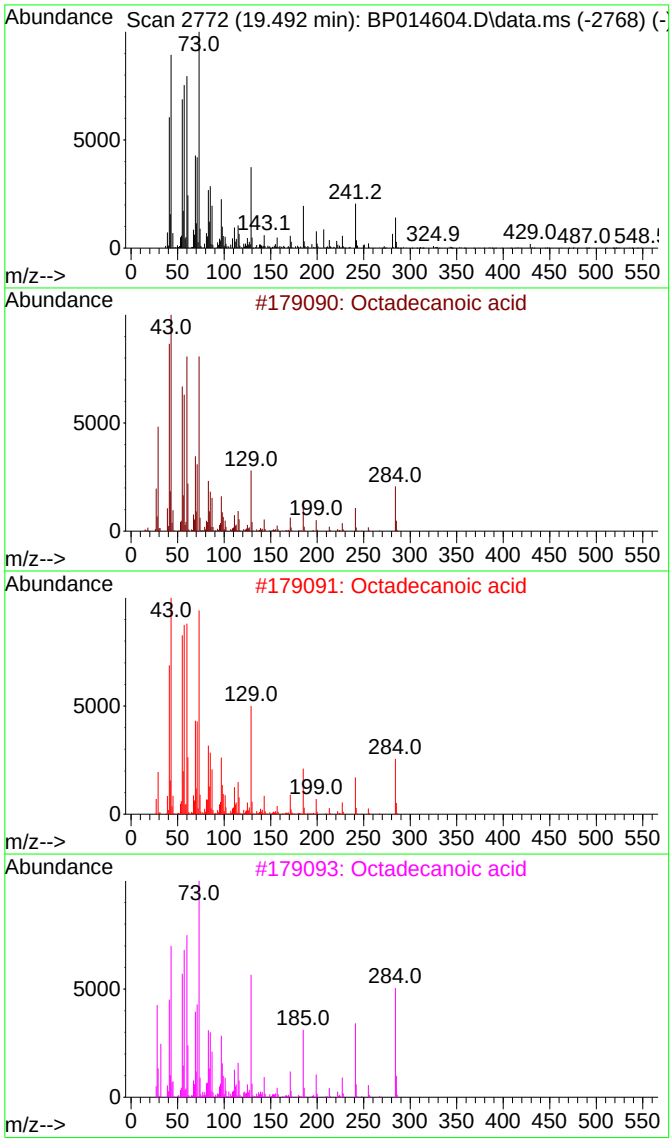
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP032823.M
Quant Title : SVOA CALIBRATION

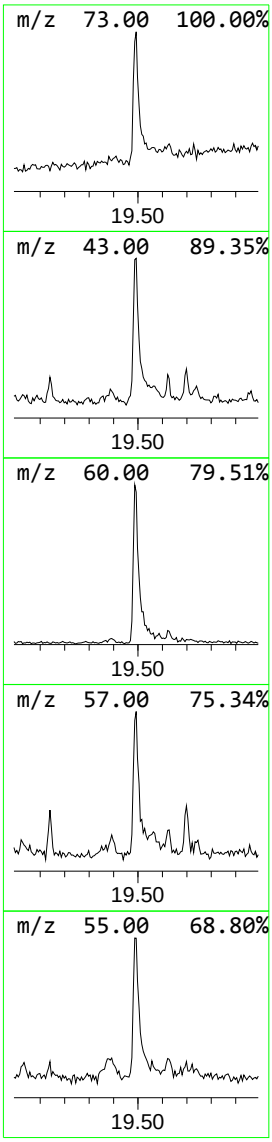
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Octadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.492	2.74 ng/ul	330685	Chrysene-d12	21.480

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Octadecanoic acid	284	C18H36O2	000057-11-4	96
3	Octadecanoic acid	284	C18H36O2	000057-11-4	95
4	Octadecanoic acid	284	C18H36O2	000057-11-4	95
5	Octadecanoic acid	284	C18H36O2	000057-11-4	95





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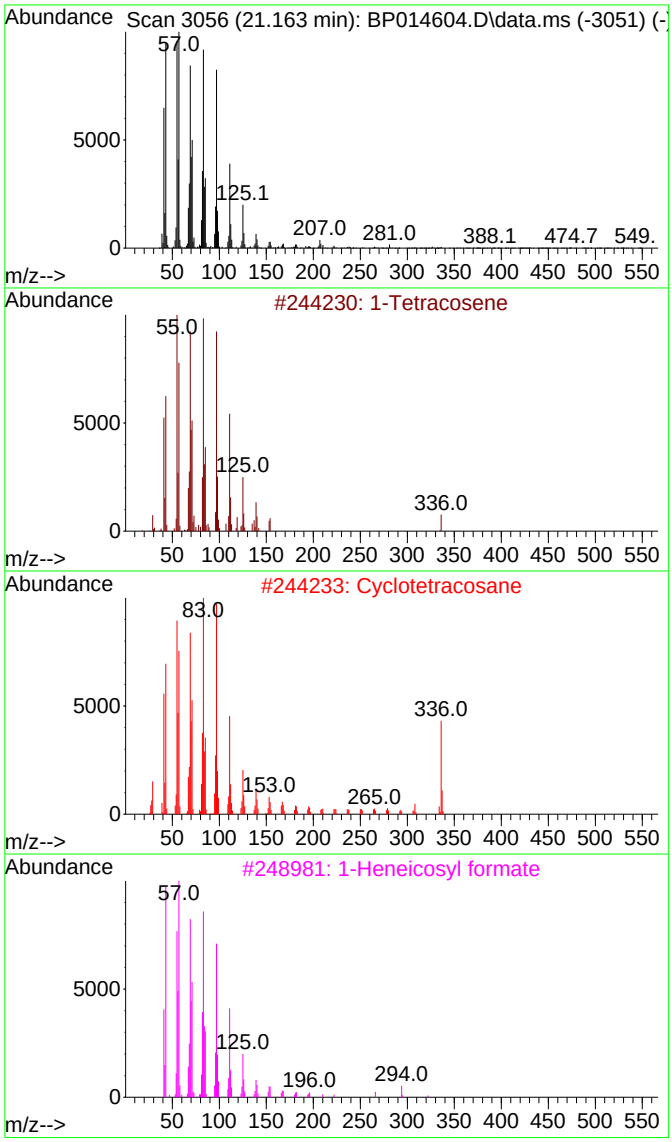
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP032823.M
Quant Title : SVOA CALIBRATION

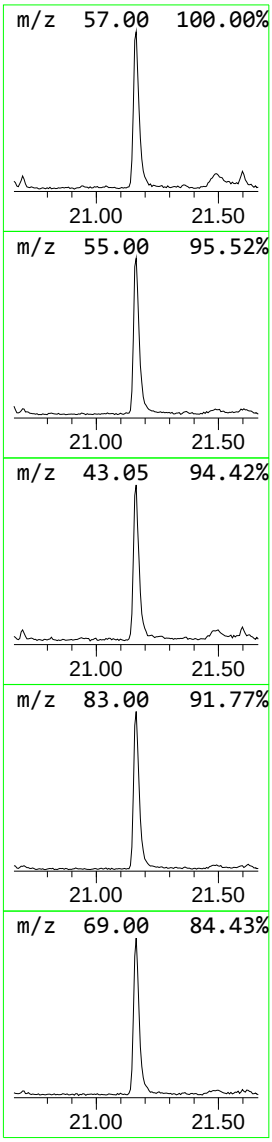
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.163	10.30 ng/ul	1241560	Chrysene-d12	21.480

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Tetracosene	336	C24H48	010192-32-2	99
2	Cyclotetracosane	336	C24H48	000297-03-0	97
3	1-Heneicosyl formate	340	C22H44O2	077899-03-7	95
4	E-14-Hexadecenal	238	C16H30O	330207-53-9	95
5	Cyclopentadecane	210	C15H30	000295-48-7	94





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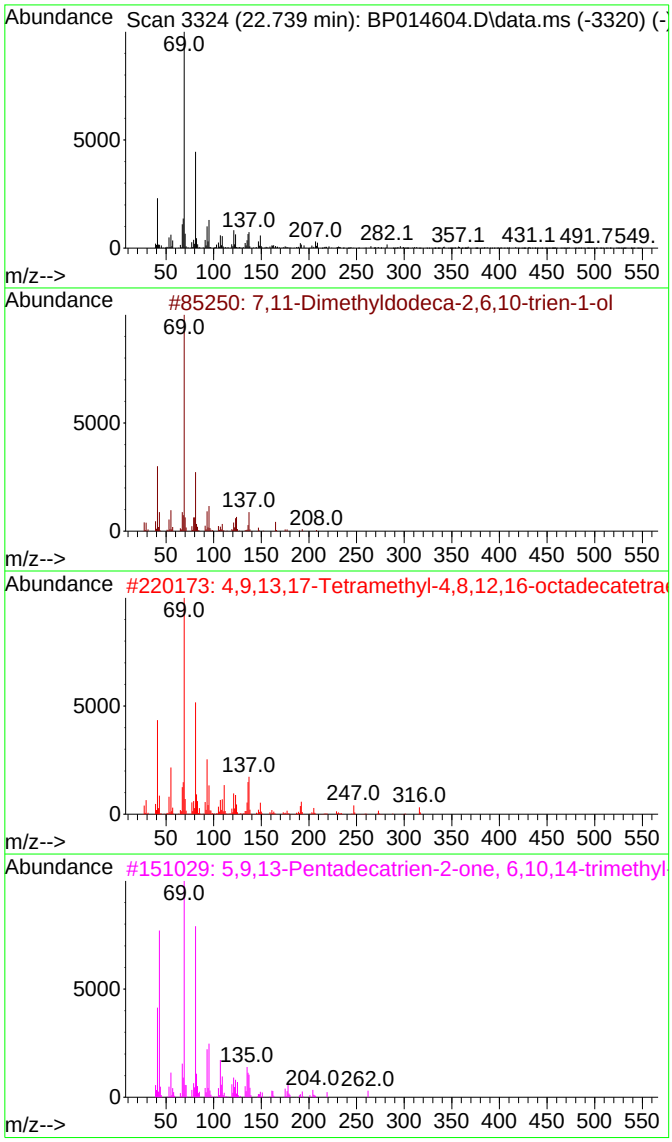
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP032823.M
Quant Title : SVOA CALIBRATION

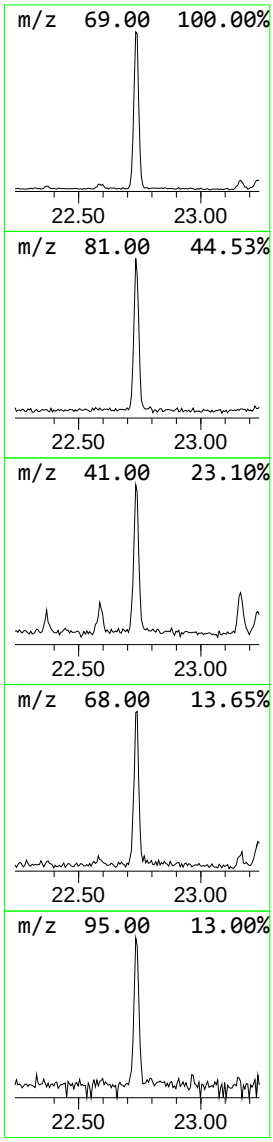
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 7,11-Dimethyldodeca-2,6,10-... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.739	3.08 ng/ul	327539	Perylene-d12	23.980

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7,11-Dimethyldodeca-2,6,10-trien...	208	C14H24O	125529-10-4	74
2	4,9,13,17-Tetramethyl-4,8,12,16-...	316	C22H36O	056882-09-8	72
3	5,9,13-Pentadecatrien-2-one, 6,1...	262	C18H30O	001117-52-8	64
4	3,7,11-Tridecatrienenitrile, 4,8...	231	C16H25N	006006-01-5	64
5	2,6,10,14-Hexadecatetraenoic aci...	332	C22H36O2	024035-35-6	64





Tentatively Identified Compound (LSC) summary

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP032823.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	15.993	11.5	ng/ul	1317170	3	14.634	2294990	20.0
n-Hexadecanoic ...	18.263	8.4	ng/ul	1170960	4	17.392	2780100	20.0
Octadecanoic acid	19.492	2.7	ng/ul	330685	5	21.480	2410680	20.0
(DEL) Alkane: S...	21.163	10.3	ng/ul	1241560	5	21.480	2410680	20.0
7,11-Dimethyldo...	22.739	3.1	ng/ul	327539	6	23.980	2123780	20.0