LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032023\
Data File : BP014148.D
Acq On : 20 Mar 2023 19:36
Operator : CG/JU
Sample : 01927-17
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : DCAR2

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-BP030723.M
Title : SVOA CALIBRATION

Signal : TIC: BP014148.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	50	rVB	35243	53850	1.09%	0.091%
2	3.717	87	90	96	rBV	5858	11519	0.23%	0.020%
3	3.852	110	113	129	rBV	355129	557601	11.24%	0.944%
4	4.075	148	151	157	rVB8	4584	7862	0.16%	0.013%
5	4.175	165	168	174	rVB2	9965	15010	0.30%	0.025%
6	7.211	677	684	699	rBV	642231	1056943	21.31%	1.789%
7	7.375	706	712	725	rVB	505408	781183	15.75%	1.323%
8	7.581	739	747	762	rBV	644603	1046451	21.10%	1.772%
9	8.052	819	827	834	rBV	657585	1060137	21.37%	1.795%
10	8.105	834	836	841	rVB6	5146	7423	0.15%	0.013%
11	8.763	940	948	961	rBV	829044	1409504	28.41%	2.386%
12	8.940	973	978	984	rVB7	3856	7316	0.15%	0.012%
13	9.228	1019	1027	1038	rBV	648141	1100128	22.18%	1.862%
14	9.381	1049	1053	1061	rVB10	5952	10646	0.21%	0.018%
15	9.610	1086	1092	1097	rBV5	11033	18653	0.38%	0.032%
16	9.952	1139	1150	1159	rBV	598102	996664	20.09%	1.687%
17	10.493	1235	1242	1261	rBV	817413	1505945	30.36%	2.550%
18	10.875	1299	1307	1320	rBV	933500	1557032	31.39%	2.636%
19	11.016	1323	1331	1346	rBV	503283	967908	19.51%	1.639%
20	11.410	1393	1398	1403	rBV8	4724	7984	0.16%	0.014%
21	12.104	1514	1516	1520	rVB3	4876	5500	0.11%	0.009%
22	12.187	1526	1530	1537	rBV7	3824	8282	0.17%	0.014%
23	12.369	1556	1561	1564	rBV3	4969	8854	0.18%	0.015%
24	12.457	1571	1576	1582	rVB2	14299	26351	0.53%	0.045%
25	13.293	1713	1718	1721	rBV7	4833	5378	0.11%	0.009%
26	13.499	1748	1753	1757	rVV7	9352	14883	0.30%	0.025%
27	13.575	1760	1766	1772	rVV2	25271	45884	0.92%	0.078%
28	13.646	1774	1778	1779	rVV4	6064	6446	0.13%	0.011%
29	13.663	1779	1781	1790	rVB10	6039	10223	0.21%	0.017%
30	13.846	1806	1812	1824	rBV	53855	144483	2.91%	0.245%
31	13.957	1829	1831	1837	rVV7	6876	10489	0.21%	0.018%
32	14.098	1844	1855	1866	rBV	1740078	2444572	49.28%	4.139%
33	14.204	1870	1873	1879	rVB7	11505	18646	0.38%	0.032%
34	14.269	1881	1884	1890	rBV	9634	13878	0.28%	0.023%
35	14.387	1897	1904	1916	rBV	1948187	2787874	56.20%	4.720%
36	14.563	1930	1934	1939	rVB5	9022	13775	0.28%	0.023%

LSC Area Percent Report

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Operator : CG/JU
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Misc :
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Instrument : BNA_P
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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-BP030723.M
Title : SVOA CALIBRATION

37	14.693	1949	1956	1963	rBV	1541916	2211721	44.59%	3.744%
38	14.898	1984	1991	2014	rBV	557401	1217003	24.53%	2.060%
39	15.057	2016	2018	2021	rVV4	13515	19399	0.39%	0.033%
40	15.098	2021	2025	2037	rVV7	32180	72446	1.46%	0.123%
41	15.204	2039	2043	2049	rVB	15167	24423	0.49%	0.041%
42	15.516	2092	2096	2101	rVB5	7175	11522	0.23%	0.020%
43	15.687	2118	2125	2135	rBV	2572550	3530378	71.17%	5.977%
44	15.804	2138	2145	2159	rBV	857088	1267781	25.56%	2.146%
45	15.928	2161	2166	2171	rVB4	14473	23658	0.48%	0.040%
46	15.969	2171	2173	2178	rVB6	5685	7050	0.14%	0.012%
47	16.045	2180	2186	2194	rBV	1202466	1676284	33.79%	2.838%
48	16.387	2241	2244	2246	rBV4	6545	8160	0.16%	0.014%
49	16.469	2254	2258	2261	rBV6	7230	10875	0.22%	0.018%
50	16.616	2278	2283	2293	rVB	92858	134563	2.71%	0.228%
51	16.834	2316	2320	2327	rBV5	20233	39537	0.80%	0.067%
52	16.910	2329	2333	2344	rVB4	24782	48202	0.97%	0.082%
53	17.045	2351	2356	2364	rBV8	14268	30685	0.62%	0.052%
54	17.151	2369	2374	2382	rVB3	87902	128043	2.58%	0.217%
55	17.334	2401	2405	2412	rVB7	16440	30556	0.62%	0.052%
56	17.398	2412	2416	2418	rBV5	10599	14217	0.29%	0.024%
57	17.445	2418	2424	2431	rVV	1984379	2841314	57.28%	4.810%
58	17.545	2435	2441	2449	rBV	2650537	3872270	78.06%	6.556%
59	17.722	2468	2471	2474	rBV5	7209	10111	0.20%	0.017%
60	17.810	2483	2486	2495	rBV10	8249	20267	0.41%	0.034%
61	18.198	2547	2552	2556	rBV7	34154	68345	1.38%	0.116%
62	18.275	2558	2565	2567	rBV2	231064	376639	7.59%	0.638%
63	18.310	2567	2571	2586	rVB	1982094	2696680	54.36%	4.565%
64	18.710	2637	2639	2644	rVB3	53930	54169	1.09%	0.092%
65	19.192	2718	2721	2726	rBV5	22033	23210	0.47%	0.039%
66	19.351	2744	2748	2752	rBV3	44883	60601	1.22%	0.103%
67	19.398	2752	2756	2758	rBV2	141111	197519	3.98%	0.334%
68	19.422	2758	2760	2774	rVV2	161900	340122	6.86%	0.576%
69	19.533	2775	2779	2801	rVV	945836	1522556	30.69%	2.578%
70	19.775	2813	2820	2830	rBV	3634921	4960479	100.00%	8.398%
71	20.263	2901	2903	2907	rVB	80788	72133	1.45%	0.122%
72	20.745	2982	2985	2989	rBV	146118	156180	3.15%	0.264%
73	21.198	3058	3062	3070	rBV	1274260	1681729	33.90%	2.847%
74	21.527	3113	3118	3125	rVB	2614647	3491277	70.38%	5.911%
75	21.651	3136	3139	3145	rVB3	146655	180760	3.64%	0.306%
76	22.486	3278	3281	3288	rVB2	220007	317541	6.40%	0.538%

LSC Area Percent Report

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Acq On : 20 Mar 2023 19:36
Operator : CG/JU
Sample : 01927-17
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCAR2

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
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Stop Thrs : 0 Peak Location: TOP

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Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP030723.M
Title : SVOA CALIBRATION

77	22.798	3330	3334	3340	rVB	285986	437965	8.83%	0.741%
78	23.227	3404	3407	3413	rVB	304191	451613	9.10%	0.765%
79	23.886	3512	3519	3527	rVB2	2035440	4177745	84.22%	7.073%
80	24.051	3541	3547	3558	rVB2	1313102	2804359	56.53%	4.748%

Sum of corrected areas: 59067364

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Misc :
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Instrument :
BNA_P
ClientSampleId :
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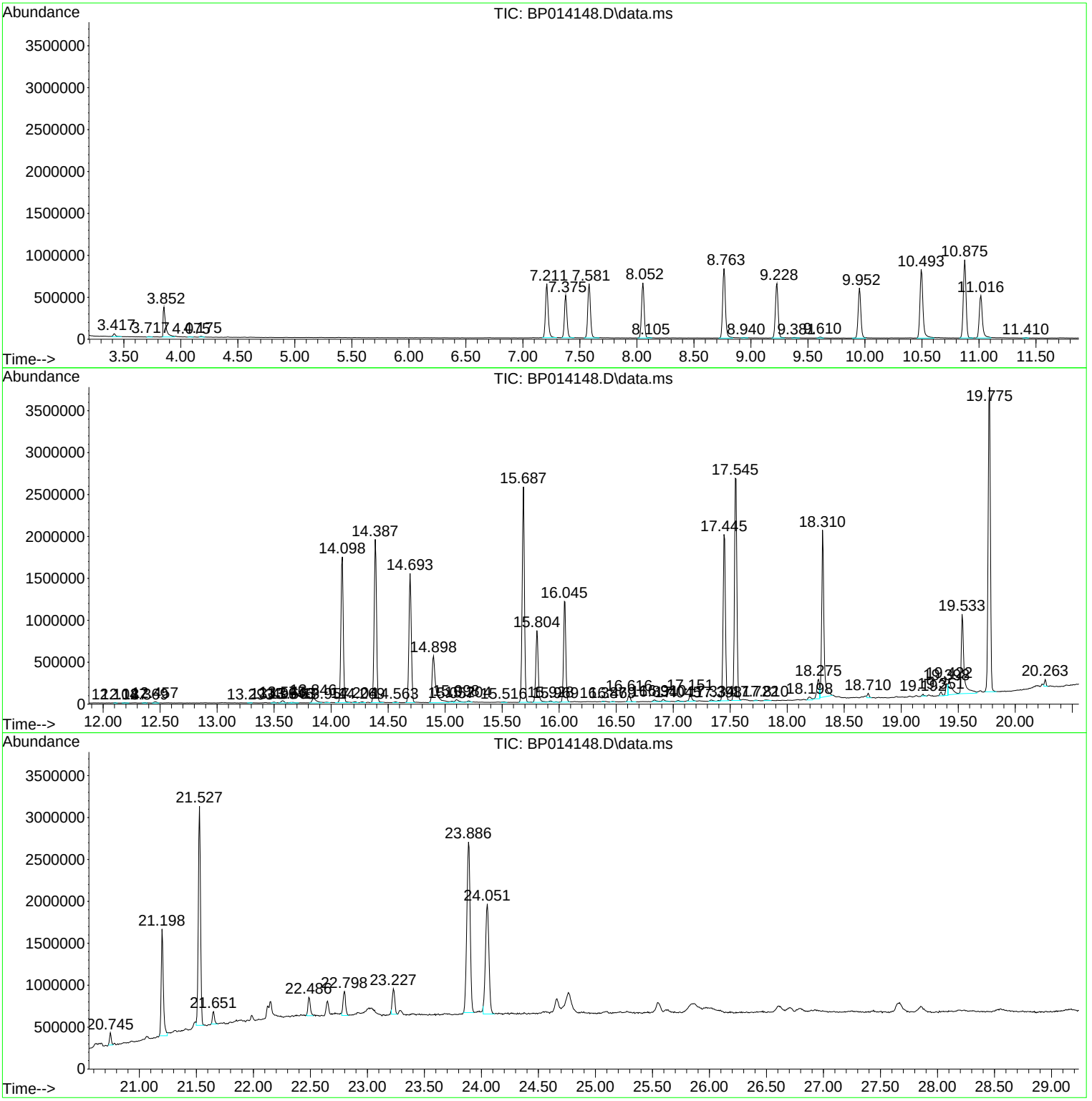
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP030723.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032023\
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Acq On : 20 Mar 2023 19:36
Operator : CG/JU
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Instrument :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP030723.M
Quant Title : SVOA CALIBRATION

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

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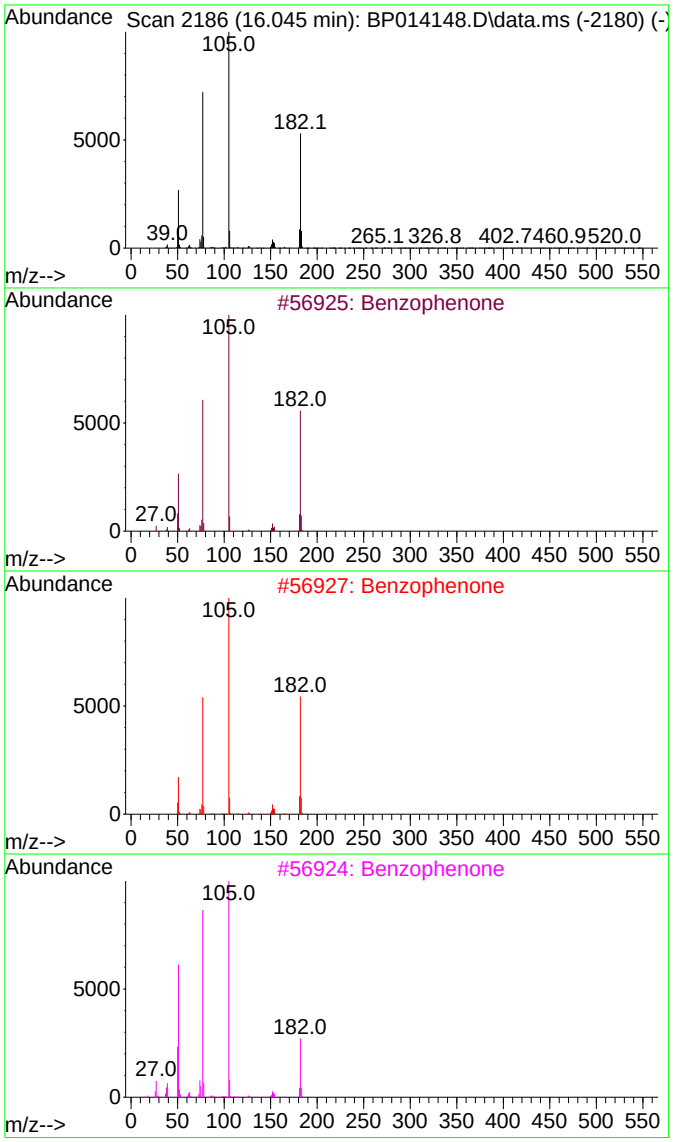
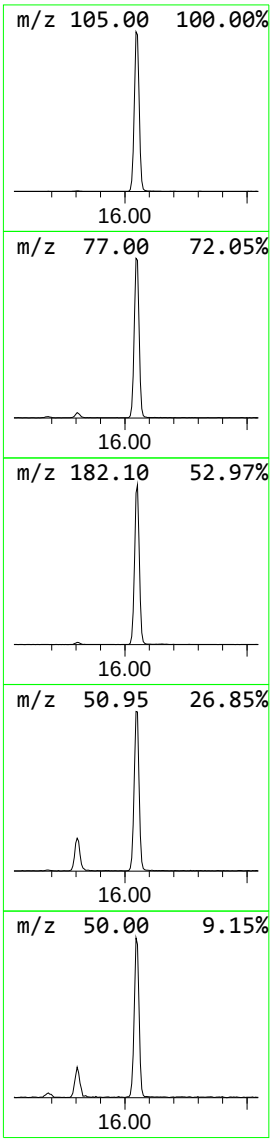
Peak Number 1 Benzophenone Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.045	15.16 ng/ul	1676280	Acenaphthene-d10	14.693

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	91





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Acq On : 20 Mar 2023 19:36
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Sample : 01927-17
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP030723.M
Quant Title : SVOA CALIBRATION

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

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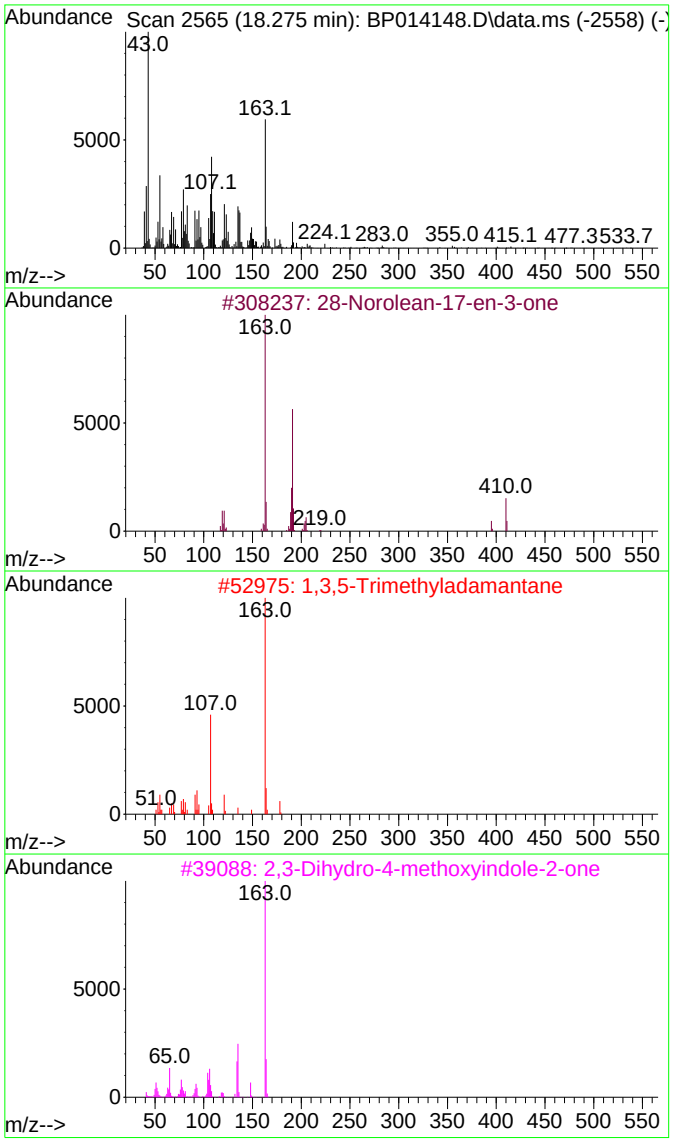
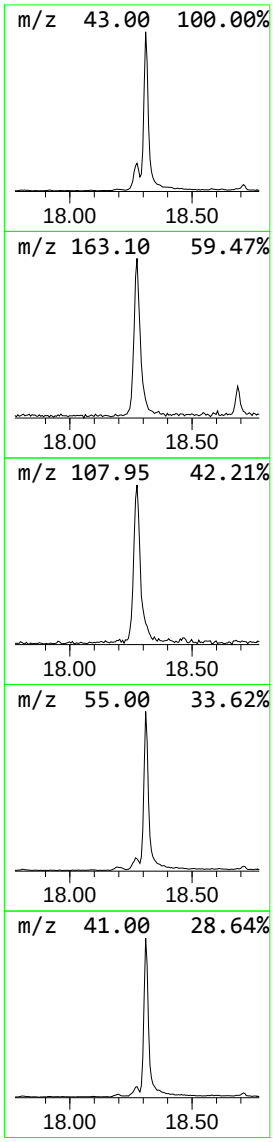
Peak Number 2 unknown-01 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.275	2.65 ng/ul	376639	Phenanthrene-d10	17.445

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	28-Norolean-17-en-3-one	410	C29H46O	005912-72-1	38
2	1,3,5-Trimethyladamantane	178	C13H22	000707-35-7	27
3	2,3-Dihydro-4-methoxyindole-2-one	163	C9H9NO2	007699-17-4	27
4	1,2-Hexanediol, 1,2-diphenyl-	270	C18H22O2	080475-19-0	27
5	2-Propenal, 3-(2,6,6-trimethyl-1...	178	C12H18O	004951-40-0	25





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Instrument :
BNA_P
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP030723.M
Quant Title : SVOA CALIBRATION

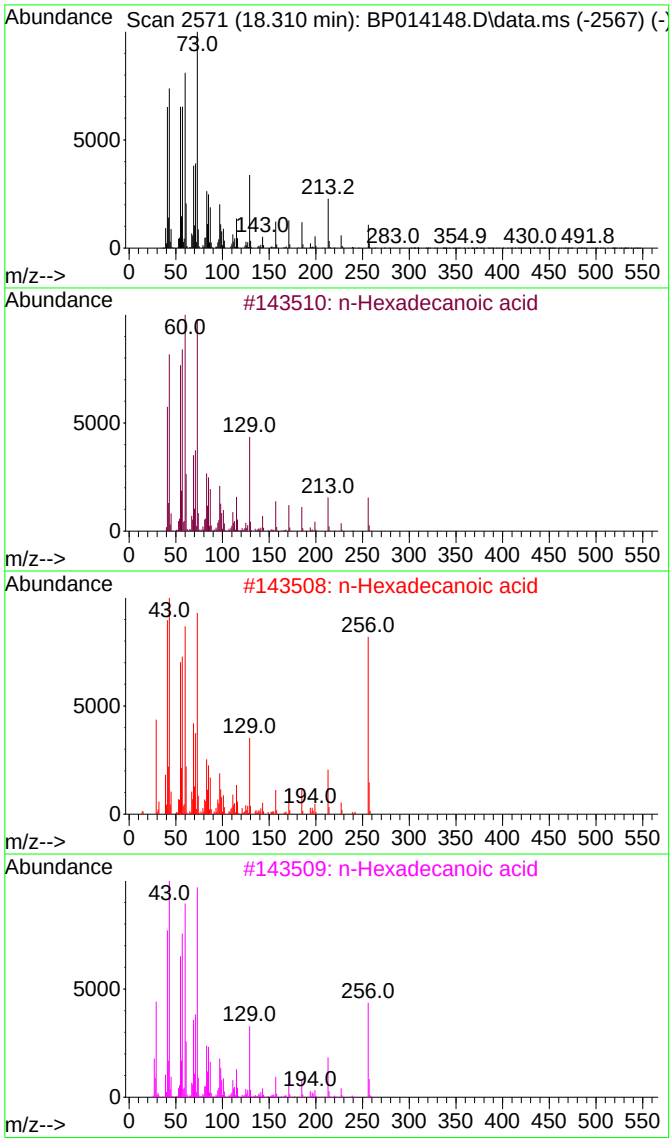
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

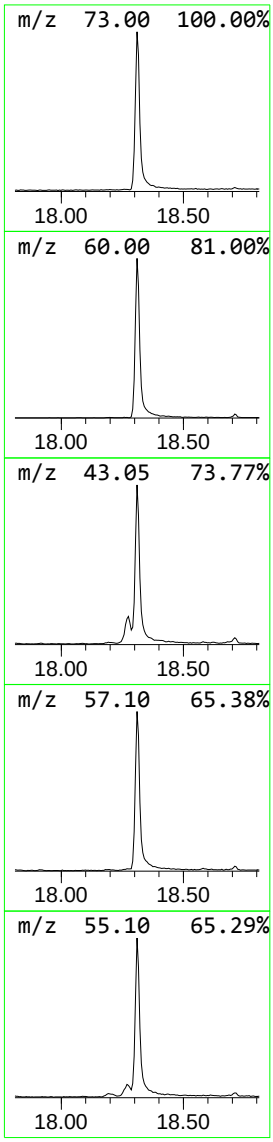
****

Peak Number 3 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.310	18.98 ng/ul	2696680	Phenanthrene-d10	17.445

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	95
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	94





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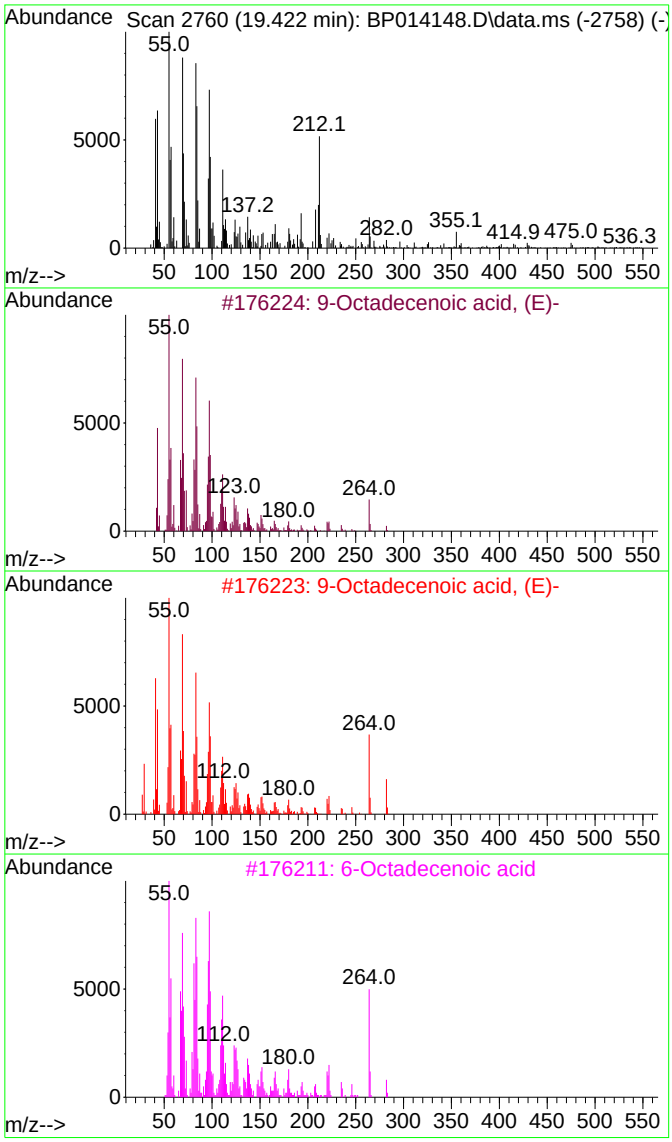
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP030723.M
Quant Title : SVOA CALIBRATION

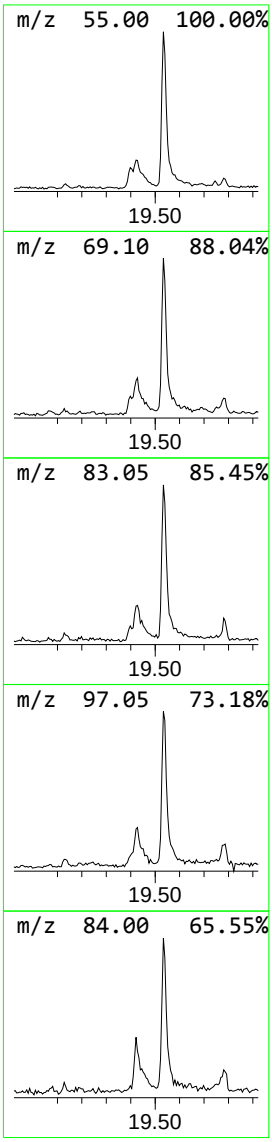
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 9-Octadecenoic acid, (E)- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.422	2.39 ng/ul	340122	Phenanthrene-d10	17.445

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenoic acid, (E)-	282	C18H34O2	000112-79-8	95
2	9-Octadecenoic acid, (E)-	282	C18H34O2	000112-79-8	93
3	6-Octadecenoic acid	282	C18H34O2	1000336-66-8	90
4	Oleic Acid	282	C18H34O2	000112-80-1	90
5	cis-13-Octadecenoic acid	282	C18H34O2	013126-39-1	87





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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP030723.M
Quant Title : SVOA CALIBRATION

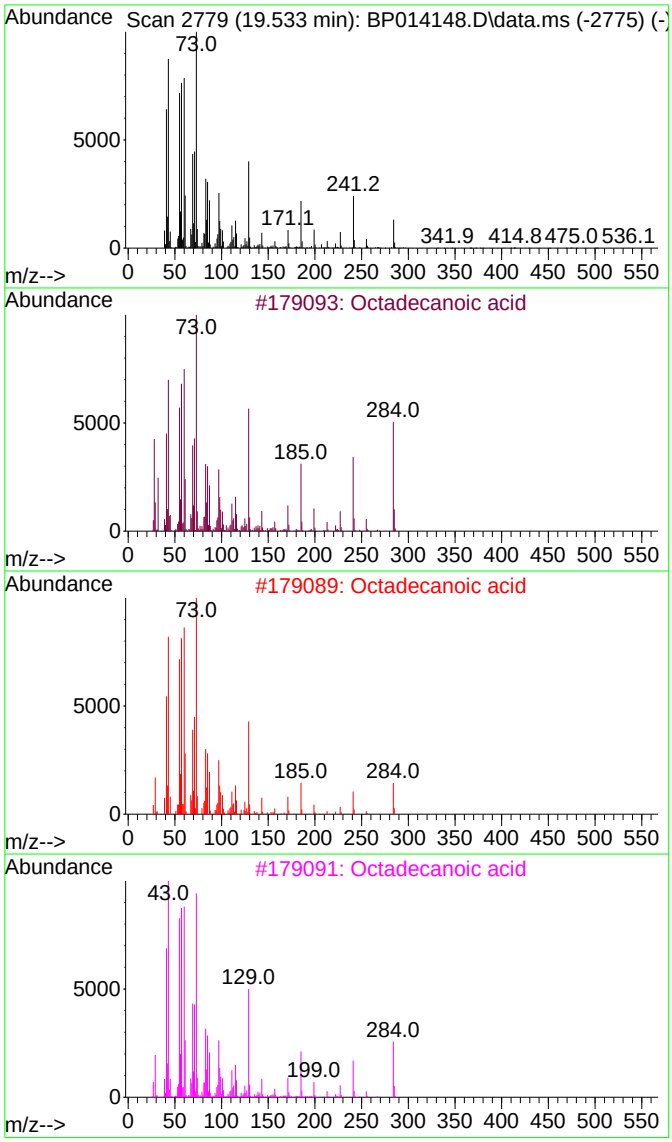
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

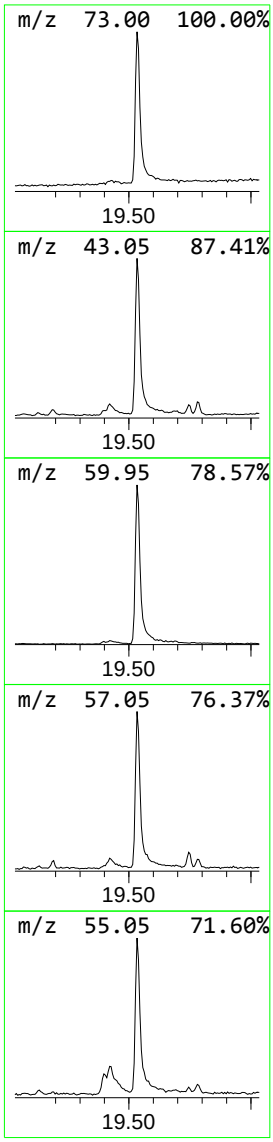
****

Peak Number 5 Octadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.534	8.72 ng/ul	1522560	Chrysene-d12	21.528

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	99
3	Octadecanoic acid	284	C18H36O2	000057-11-4	99
4	Octadecanoic acid	284	C18H36O2	000057-11-4	98
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	93





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Operator : CG/JU
Sample : 01927-17
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCAR2

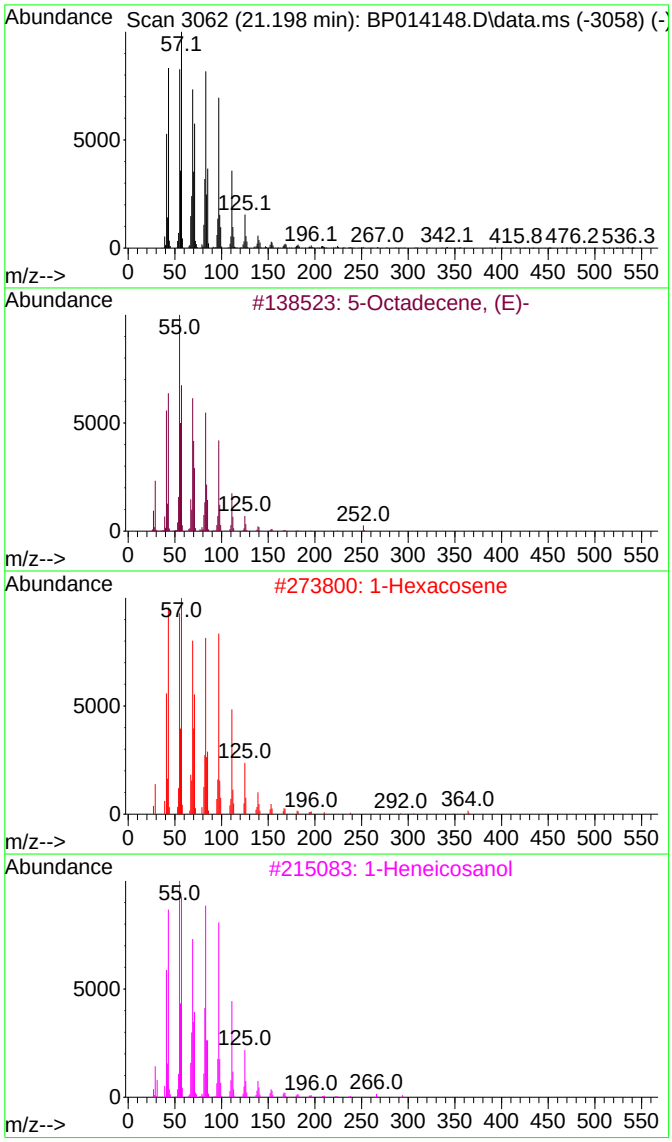
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP030723.M
Quant Title : SVOA CALIBRATION

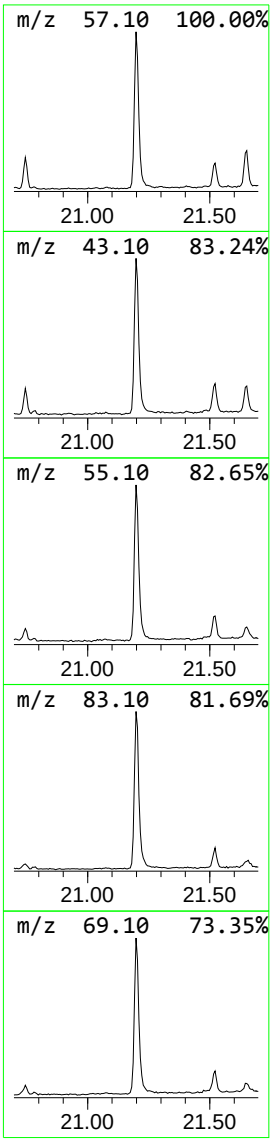
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.198	9.63 ng/ul	1681730	Chrysene-d12	21.528

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Octadecene, (E)-	252	C18H36	007206-21-5	95
2	1-Hexacosene	364	C26H52	018835-33-1	94
3	1-Heneicosanol	312	C21H44O	015594-90-8	93
4	Octacosanol	410	C28H58O	000557-61-9	91
5	Nonadecyl trifluoroacetate	380	C21H39F3O2	1000351-76-3	91





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Acq On : 20 Mar 2023 19:36
Operator : CG/JU
Sample : 01927-17
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCAR2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP030723.M
Quant Title : SVOA CALIBRATION

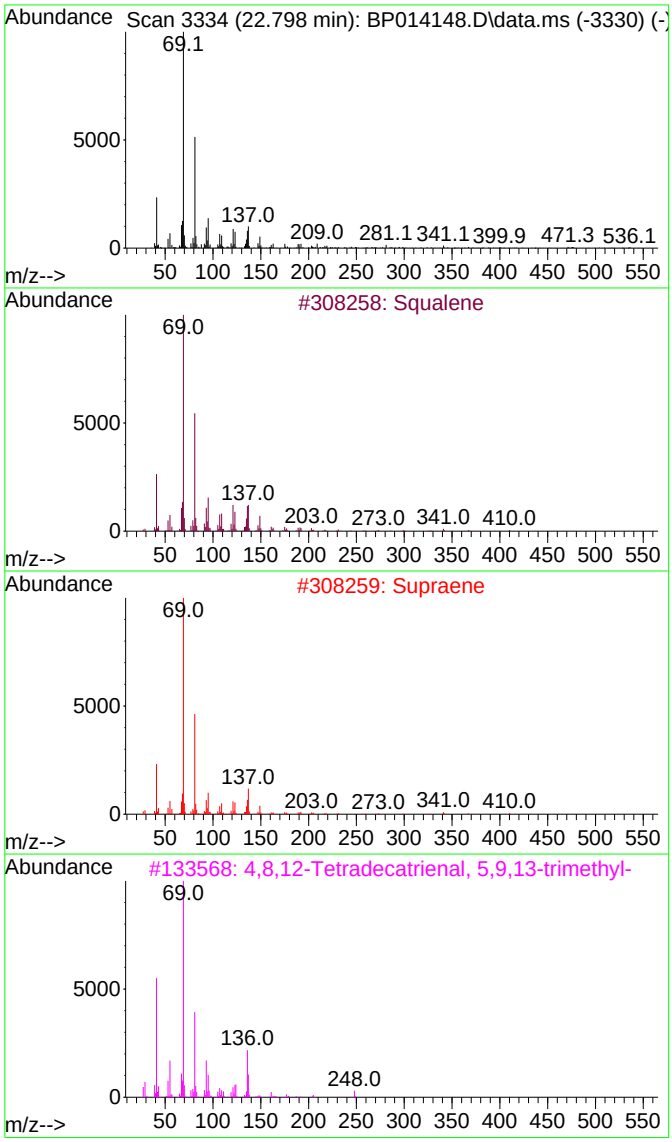
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

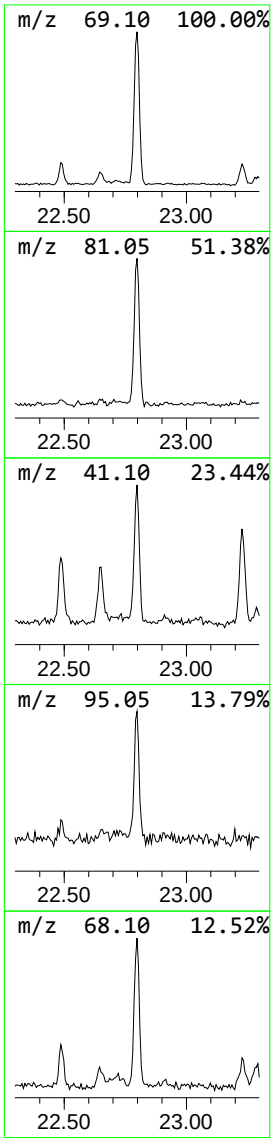
****

Peak Number 7 Squalene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.798	3.12 ng/ul	437965	Perylene-d12	24.051

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Squalene	410	C30H50	000111-02-4	87
2	Supraene	410	C30H50	007683-64-9	87
3	4,8,12-Tetradecatrienal, 5,9,13-...	248	C17H28O	066408-55-7	80
4	Squalene	410	C30H50	000111-02-4	80
5	(.+/-.)-Lavandulol, pentafluorop...	300	C13H17F5O2	1000352-63-1	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032023\
Data File : BP014148.D
Acq On : 20 Mar 2023 19:36
Operator : CG/JU
Sample : 01927-17
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCAR2

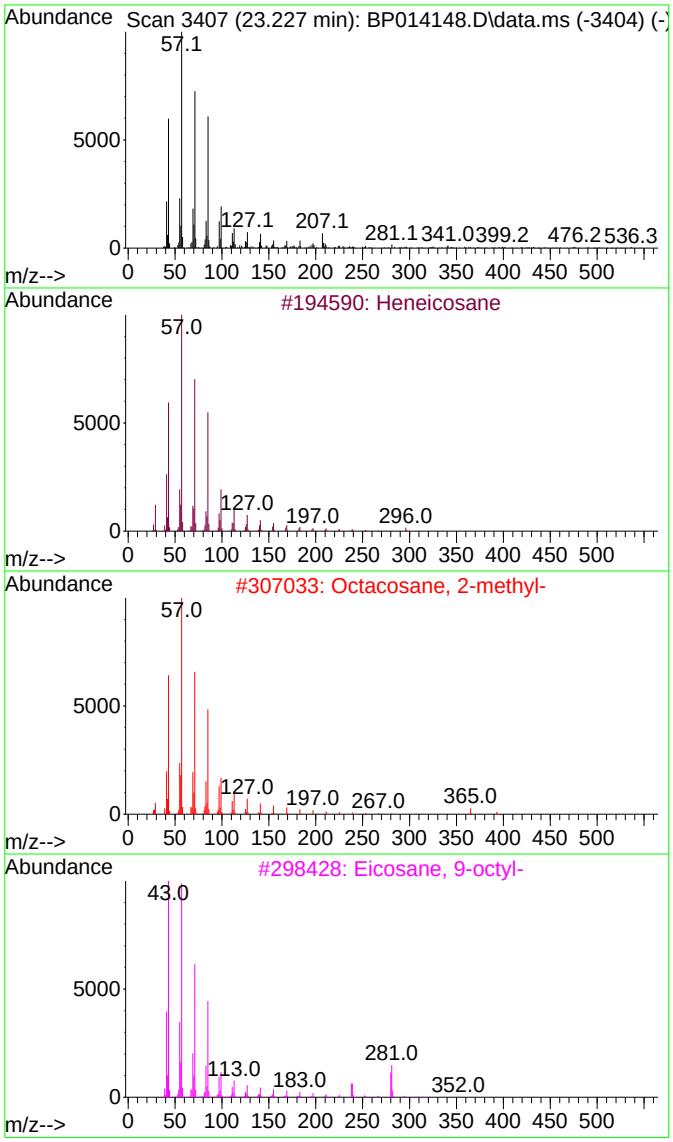
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP030723.M
Quant Title : SVOA CALIBRATION

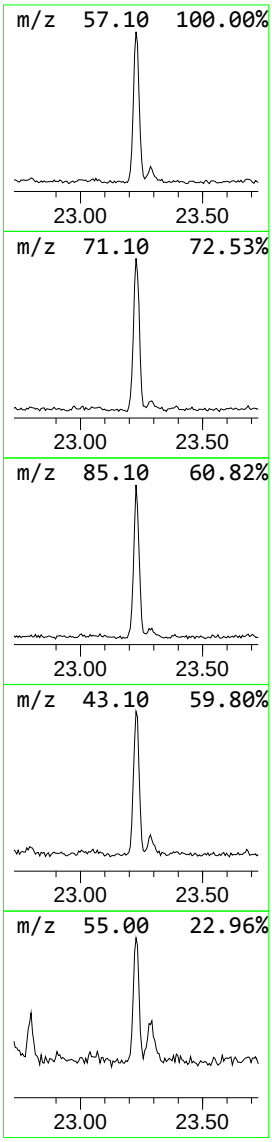
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.227	3.22 ng/ul	451613	Perylene-d12	24.051

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	90
2	Octacosane, 2-methyl-	408	C29H60	001560-98-1	87
3	Eicosane, 9-octyl-	394	C28H58	013475-77-9	83
4	Tetratetracontane	619	C44H90	007098-22-8	81
5	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	81





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032023\
Data File : BP014148.D
Acq On : 20 Mar 2023 19:36
Operator : CG/JU
Sample : 01927-17
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCAR2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP030723.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	16.045	15.2	ng/ul	1676280	3	14.693	2211720	20.0
unknown-01	18.275	2.6	ng/ul	376639	4	17.445	2841310	20.0
n-Hexadecanoic ...	18.310	19.0	ng/ul	2696680	4	17.445	2841310	20.0
9-Octadecenoic ...	19.422	2.4	ng/ul	340122	4	17.445	2841310	20.0
Octadecanoic acid	19.534	8.7	ng/ul	1522560	5	21.528	3491280	20.0
(DEL) Alkane: S...	21.198	9.6	ng/ul	1681730	5	21.528	3491280	20.0
Squalene	22.798	3.1	ng/ul	437965	6	24.051	2804360	20.0
(DEL) Alkane: S...	23.227	3.2	ng/ul	451613	6	24.051	2804360	20.0