LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100220\
Data File : BG046753.D
Acq On : 3 Oct 2020 2:26
Operator : CG/JU
Sample : L4151-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CB7K4

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_G\METHODS\SOM-EPA-BG092920MA.M
Title : SVOA CALIBRATION

Signal : TIC: BG046753.D

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.528	29	32	40	rVB3	15789	25289	0.45%	0.050%
2	4.174	138	142	146	rBV4	12711	19913	0.35%	0.039%
3	4.497	193	197	203	rVB4	19485	28337	0.50%	0.056%
4	4.586	207	212	217	rBV4	14783	26730	0.47%	0.053%
5	4.644	217	222	229	rVB5	13849	21952	0.39%	0.043%
6	5.208	311	318	327	rVB6	8424	20119	0.36%	0.040%
7	5.590	378	383	388	rBV2	42600	64370	1.14%	0.127%
8	6.801	584	589	595	rBV2	33535	53690	0.95%	0.106%
9	7.071	627	635	640	rBV5	18126	40506	0.72%	0.080%
10	7.200	649	657	661	rBV2	38506	65676	1.17%	0.129%
11	7.253	661	666	677	rVB	315107	547131	9.72%	1.077%
12	7.429	690	696	706	rVB	209198	354346	6.30%	0.698%
13	7.641	724	732	740	rBV	291950	483584	8.59%	0.952%
14	8.111	805	812	819	rBV	293399	515926	9.17%	1.016%
15	8.645	895	903	908	rBV6	11755	28728	0.51%	0.057%
16	8.704	908	913	918	rVB5	13827	20115	0.36%	0.040%
17	8.804	923	930	943	rBV	388498	689813	12.25%	1.358%
18	8.933	948	952	956	rVB	14634	20836	0.37%	0.041%
19	9.268	1002	1009	1018	rBV	273381	487962	8.67%	0.961%
20	9.433	1031	1037	1045	rVB2	32492	54677	0.97%	0.108%
21	9.997	1125	1133	1139	rVV	232950	425810	7.56%	0.838%
22	10.320	1182	1188	1192	rVV6	13213	25581	0.45%	0.050%
23	10.426	1200	1206	1213	rVV2	93176	151917	2.70%	0.299%
24	10.531	1216	1224	1233	rBV2	397310	693431	12.32%	1.365%
25	10.925	1282	1291	1297	rBV	405015	733963	13.04%	1.445%
26	11.049	1304	1312	1321	rVB	165343	302326	5.37%	0.595%
27	11.566	1393	1400	1407	rVB6	15888	32030	0.57%	0.063%
28	11.689	1417	1421	1429	rVB4	22139	33924	0.60%	0.067%
29	11.853	1444	1449	1453	rBV5	15792	22243	0.40%	0.044%
30	12.423	1541	1546	1556	rBV9	11687	33271	0.59%	0.066%
31	12.641	1576	1583	1587	rVB5	10930	20759	0.37%	0.041%
32	13.105	1658	1662	1667	rVB4	14424	19820	0.35%	0.039%
33	13.187	1670	1676	1679	rBV5	20979	34043	0.60%	0.067%
34	13.352	1698	1704	1705	rBV5	14380	23842	0.42%	0.047%
35	13.598	1742	1746	1749	rVV3	17175	27999	0.50%	0.055%
36	13.634	1749	1752	1758	rVB5	21187	41866	0.74%	0.082%

LSC Area Percent Report

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Operator : CG/JU
Sample : L4151-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CB7K4

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_G\METHODS\SOM-EPA-BG092920MA.M
Title : SVOA CALIBRATION

37	14.133	1827	1837	1842	rBV	756455	1068261	18.98%	2.104%
38	14.180	1842	1845	1850	rVB	90101	114733	2.04%	0.226%
39	14.368	1873	1877	1880	rBV2	15826	22663	0.40%	0.045%
40	14.427	1880	1887	1895	rVB	761397	1166359	20.72%	2.297%
41	14.591	1911	1915	1918	rBV2	33225	45874	0.81%	0.090%
42	14.732	1931	1939	1947	rVV	686400	1100491	19.55%	2.167%
43	14.903	1961	1968	1975	rBV	387306	589527	10.47%	1.161%
44	15.132	2003	2007	2014	rBV2	40196	60487	1.07%	0.119%
45	15.390	2041	2051	2054	rBV7	12419	27841	0.49%	0.055%
46	15.537	2070	2076	2081	rBV6	13078	22706	0.40%	0.045%
47	15.725	2101	2108	2115	rBV	1014005	1519185	26.99%	2.991%
48	15.825	2119	2125	2140	rVB	303584	453519	8.06%	0.893%
49	16.284	2200	2203	2209	rVB3	38366	52840	0.94%	0.104%
50	16.436	2226	2229	2233	rBV	28712	33578	0.60%	0.066%
51	16.795	2286	2290	2294	rBV5	26774	38986	0.69%	0.077%
52	16.859	2297	2301	2309	rVB7	29774	46429	0.82%	0.091%
53	17.224	2359	2363	2372	rVV9	24005	54965	0.98%	0.108%
54	17.359	2382	2386	2390	rVV2	51062	69140	1.23%	0.136%
55	17.423	2394	2397	2400	rVV4	17301	22133	0.39%	0.044%
56	17.476	2400	2406	2412	rVV	906555	1372887	24.39%	2.703%
57	17.576	2416	2423	2430	rVV	1053951	1692698	30.07%	3.333%
58	17.852	2466	2470	2474	rBV6	16633	31663	0.56%	0.062%
59	18.099	2508	2512	2515	rBV6	19346	23202	0.41%	0.046%
60	18.246	2530	2537	2542	rBV2	118588	183025	3.25%	0.360%
61	18.305	2542	2547	2552	rBV2	207980	292619	5.20%	0.576%
62	18.363	2552	2557	2567	rBV	875729	1237596	21.99%	2.437%
63	18.663	2603	2608	2610	rBV5	23746	35341	0.63%	0.070%
64	18.787	2625	2629	2632	rBV5	23939	28142	0.50%	0.055%
65	18.834	2632	2637	2638	rBV5	16291	19898	0.35%	0.039%
66	19.221	2699	2703	2705	rBV5	28145	38791	0.69%	0.076%
67	19.374	2725	2729	2734	rVB4	53437	89900	1.60%	0.177%
68	19.486	2744	2748	2749	rBV	118256	137486	2.44%	0.271%
69	19.509	2749	2752	2760	rVB2	326809	510538	9.07%	1.005%
70	19.627	2768	2772	2781	rBV2	259634	366167	6.51%	0.721%
71	19.785	2797	2799	2802	rVB3	31127	25634	0.46%	0.050%
72	19.856	2805	2811	2820	rVB	1336719	1913644	34.00%	3.768%
73	20.297	2882	2886	2889	rBV6	23488	35022	0.62%	0.069%
74	20.355	2892	2896	2899	rBV5	64938	95662	1.70%	0.188%
75	20.391	2899	2902	2908	rVB2	47742	67957	1.21%	0.134%
76	20.702	2951	2955	2961	rBV9	51096	115418	2.05%	0.227%

LSC Area Percent Report

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Data File : BG046753.D
Acq On : 3 Oct 2020 2:26
Operator : CG/JU
Sample : L4151-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CB7K4

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_G\METHODS\SOM-EPA-BG092920MA.M
Title : SVOA CALIBRATION

77	20.825	2973	2976	2980	rBV2	31444	42614	0.76%	0.084%
78	20.884	2984	2986	2990	rVB4	68210	73923	1.31%	0.146%
79	21.395	3064	3073	3082	rBV2	730631	1399969	24.87%	2.757%
80	21.748	3127	3133	3146	rVB	945141	1653581	29.38%	3.256%
81	21.965	3166	3170	3178	rVB2	79956	127998	2.27%	0.252%
82	22.600	3262	3278	3304	rVB3	1331186	5628839	100.00%	11.084%
83	23.299	3393	3397	3401	rBV3	61101	93422	1.66%	0.184%
84	23.651	3450	3457	3464	rVB	832406	1644062	29.21%	3.237%
85	24.127	3532	3538	3542	rBV	448973	982150	17.45%	1.934%
86	24.186	3542	3548	3570	rVB	1867569	4568252	81.16%	8.995%
87	24.550	3607	3610	3611	rBV3	23178	26336	0.47%	0.052%
88	24.797	3642	3652	3662	rBV	637714	1754618	31.17%	3.455%
89	25.026	3681	3691	3699	rBV2	496846	1473682	26.18%	2.902%
90	25.103	3700	3704	3713	rVB2	107476	226125	4.02%	0.445%
91	25.631	3786	3794	3802	rVB4	195473	548837	9.75%	1.081%
92	26.284	3893	3905	3914	rBV2	633357	1950653	34.65%	3.841%
93	26.395	3915	3924	3942	rVB3	311661	1067663	18.97%	2.102%
94	27.306	4070	4079	4091	rBV3	107745	404503	7.19%	0.797%
95	28.487	4269	4280	4293	rVB5	97506	361510	6.42%	0.712%
96	29.374	4417	4431	4446	rBV4	446953	2095818	37.23%	4.127%
97	29.597	4457	4469	4479	rBV5	129576	600237	10.66%	1.182%
98	30.520	4610	4626	4641	rBV7	469721	2416915	42.94%	4.759%
99	31.078	4711	4721	4733	rVB10	83650	374216	6.65%	0.737%
100	31.718	4824	4830	4843	rVB6	72403	252465	4.49%	0.497%

Sum of corrected areas: 50783920

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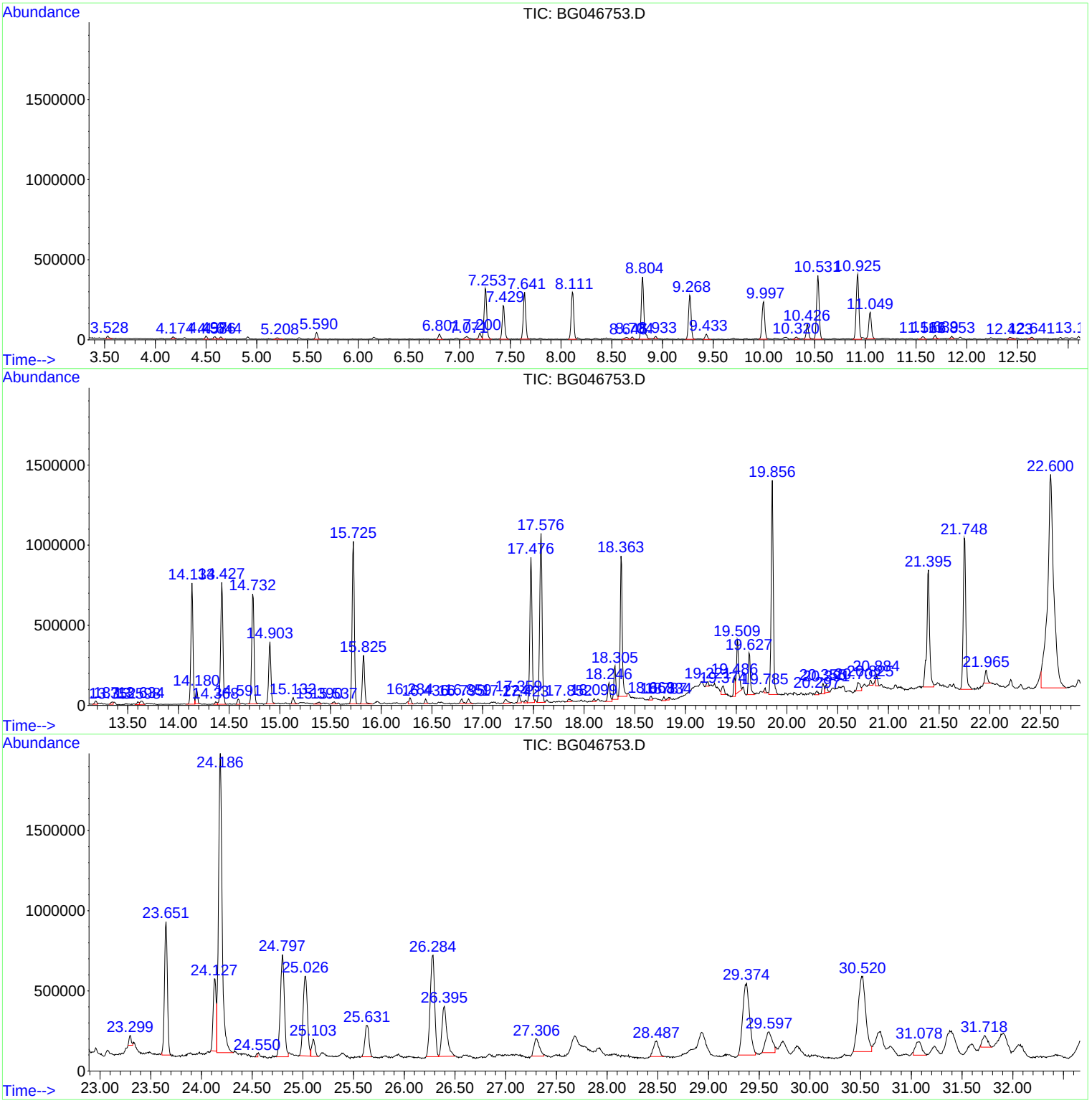
Instrument :
BNA_G
ClientSampleId :
CB7K4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG092920MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100220\
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Acq On : 3 Oct 2020 2:26
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Instrument : BNA_G
ClientSampleId : CB7K4

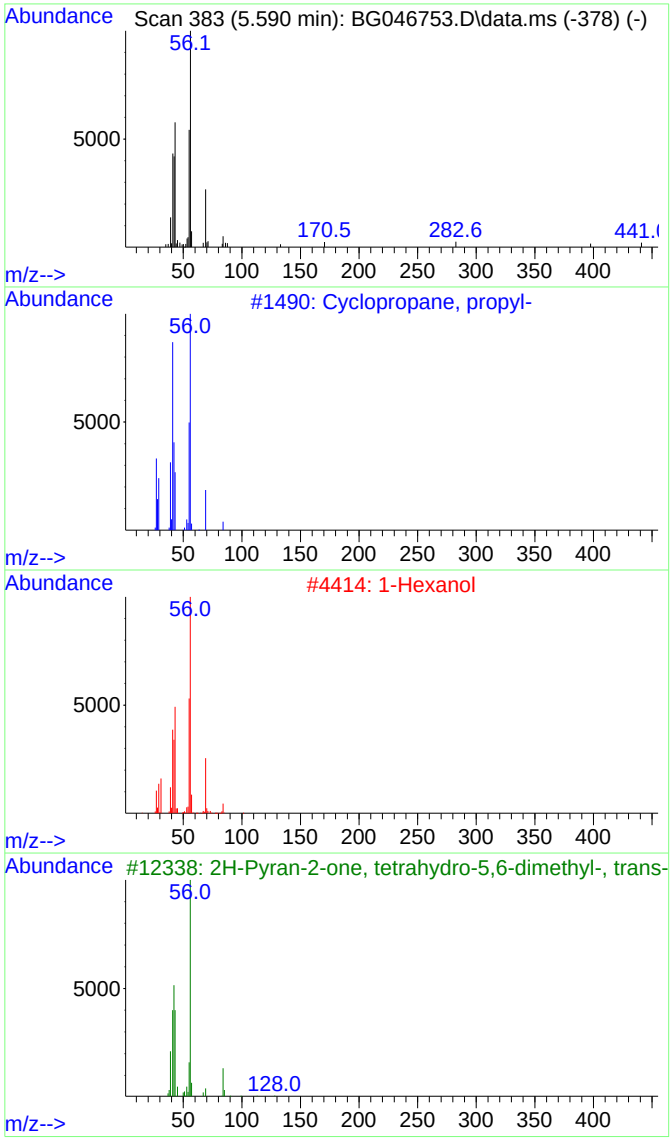
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG092920MA.M
Quant Title : SVOA CALIBRATION

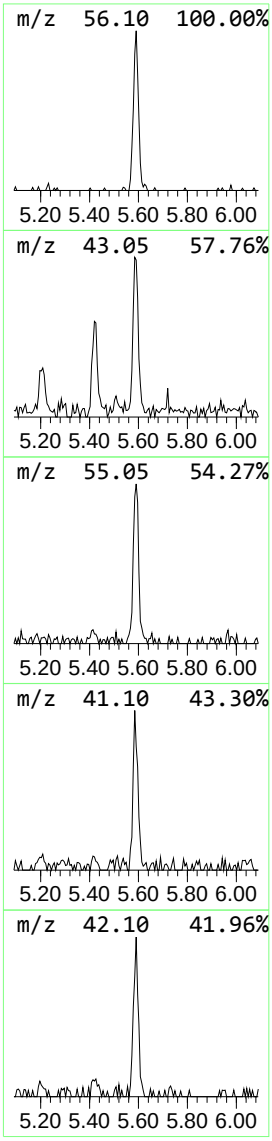
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 (DEL) Alkane: Cyclic5.59 Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.590	2.50 ng/ul	64370	1,4-Dichlorobenzene-d4	8.111

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopropane, propyl-	84	C6H12	002415-72-7	78
2	1-Hexanol	102	C6H14O	000111-27-3	78
3	2H-Pyran-2-one, tetrahydro-5,6-d...	128	C7H12O2	024405-16-1	72
4	Hexyl chloroformate	164	C7H13ClO2	006092-54-2	72
5	Formic acid, hexyl ester	130	C7H14O2	000629-33-4	56





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100220\
Data File : BG046753.D
Acq On : 3 Oct 2020 2:26
Operator : CG/JU
Sample : L4151-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CB7K4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG092920MA.M
Quant Title : SVOA CALIBRATION

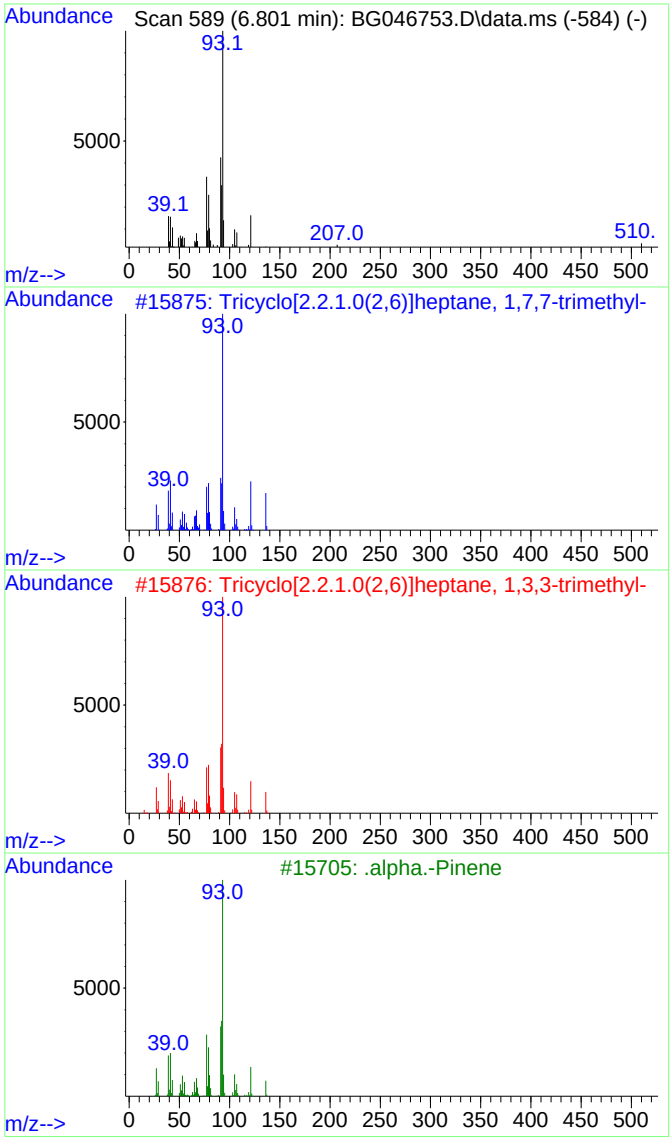
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

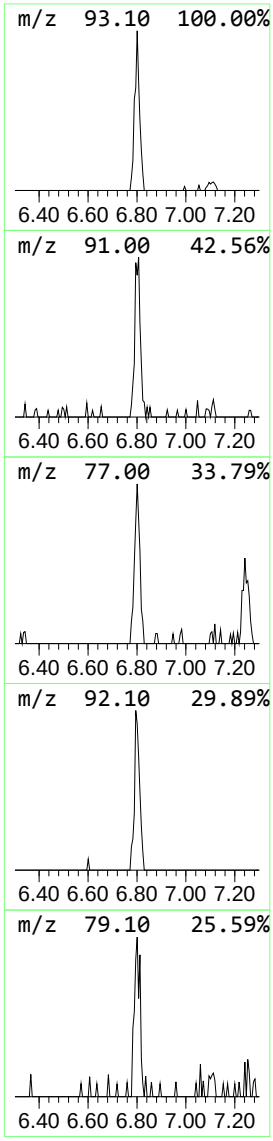
****

Peak Number 2 Tricyclo[2.2.1.0(2,6)]hepta... Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.800	2.08 ng/ul	53690	1,4-Dichlorobenzene-d4	8.111

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tricyclo[2.2.1.0(2,6)]heptane, 1...	136	C10H16	000508-32-7	90
2	Tricyclo[2.2.1.0(2,6)]heptane, 1...	136	C10H16	000488-97-1	83
3	.alpha.-Pinene	136	C10H16	000080-56-8	83
4	(1R)-2,6,6-Trimethylbicyclo[3.1....	136	C10H16	007785-70-8	83
5	Bicyclo[3.1.1]hept-2-ene, 3,6,6-...	136	C10H16	004889-83-2	80





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BNA_G
ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG092920MA.M
Quant Title : SVOA CALIBRATION

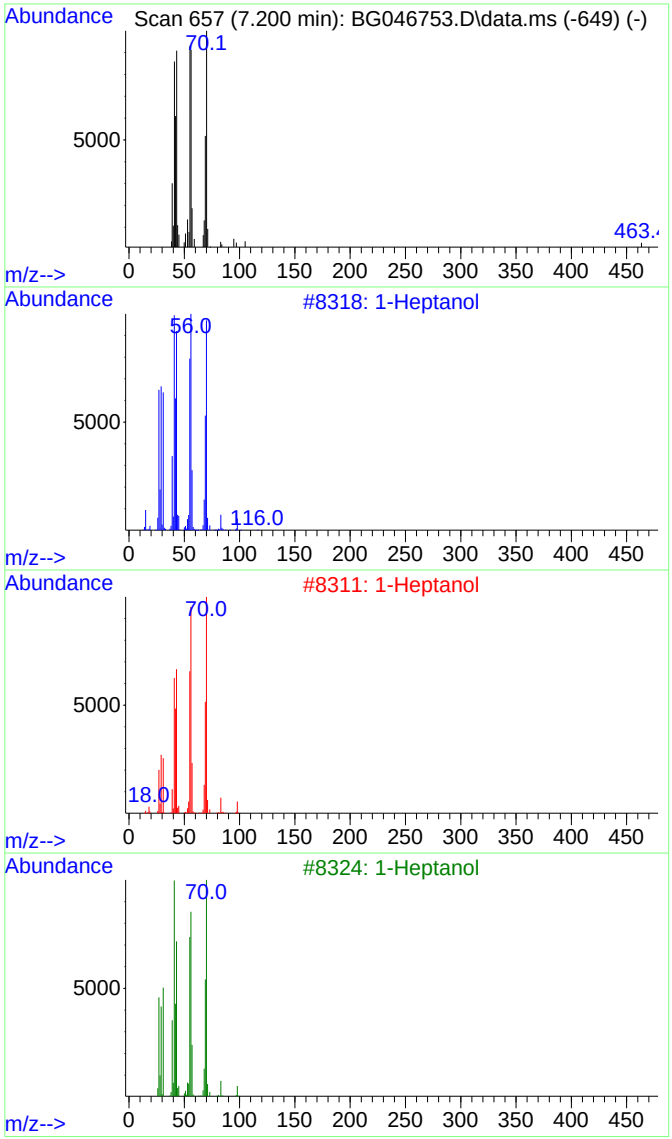
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

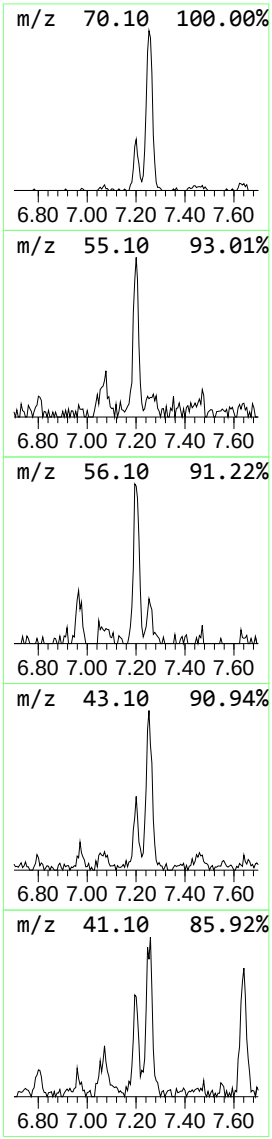
****

Peak Number 3 1-Heptanol Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.200	2.55 ng/ul	65676	1,4-Dichlorobenzene-d4	8.111

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heptanol	116	C7H16O	000111-70-6	86
2	1-Heptanol	116	C7H16O	000111-70-6	83
3	1-Heptanol	116	C7H16O	000111-70-6	83
4	cis-1-Butyl-2-methylcyclopropane	112	C8H16	038851-69-3	78
5	1-Octene	112	C8H16	000111-66-0	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100220\
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Acq On : 3 Oct 2020 2:26
Operator : CG/JU
Sample : L4151-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CB7K4

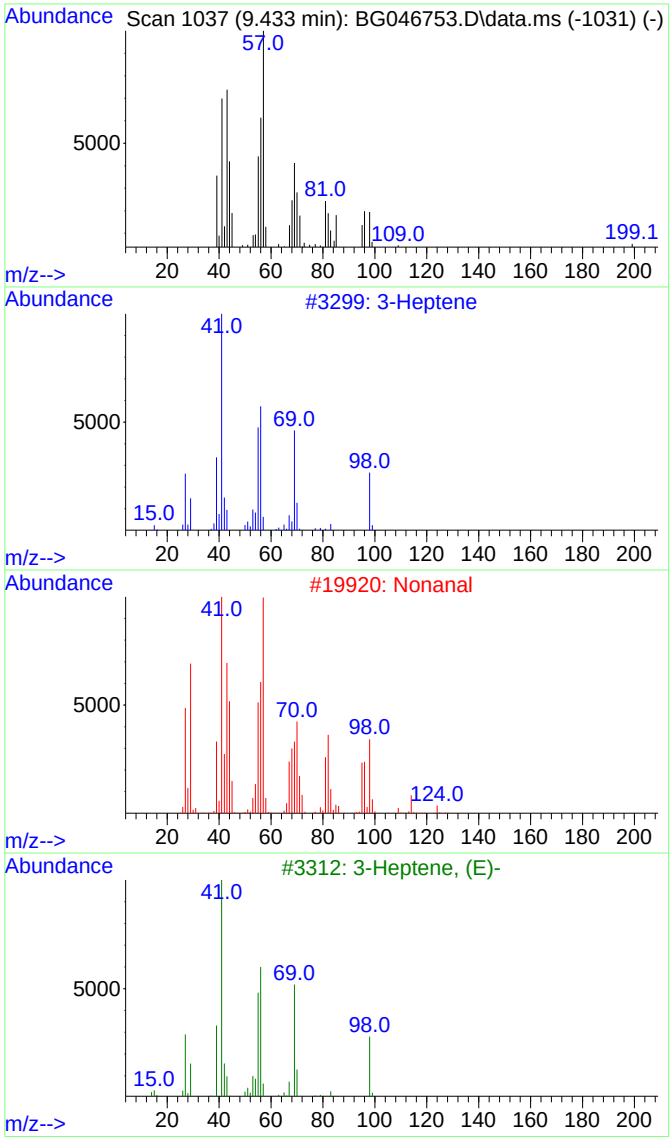
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG092920MA.M
Quant Title : SVOA CALIBRATION

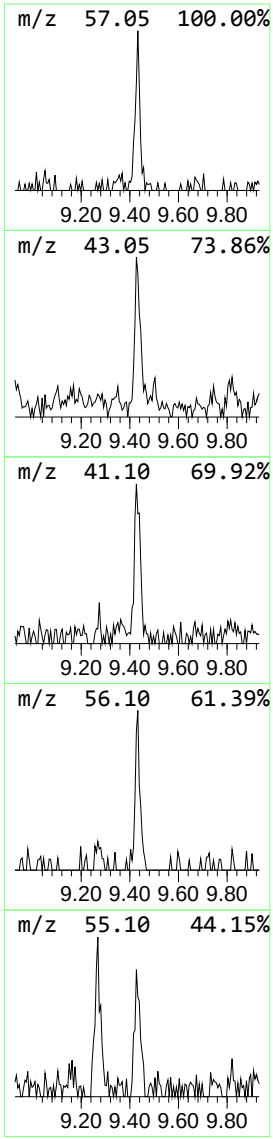
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.430	2.12 ng/ul	54677	1,4-Dichlorobenzene-d4	8.111

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Heptene	98	C7H14	000592-78-9	38
2	Nonanal	142	C9H18O	000124-19-6	38
3	3-Heptene, (E)-	98	C7H14	014686-14-7	30
4	(Z)-2-Heptene	98	C7H14	006443-92-1	30
5	3-Heptene, (E)-	98	C7H14	014686-14-7	30





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100220\
Data File : BG046753.D
Acq On : 3 Oct 2020 2:26
Operator : CG/JU
Sample : L4151-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
CB7K4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG092920MA.M
Quant Title : SVOA CALIBRATION

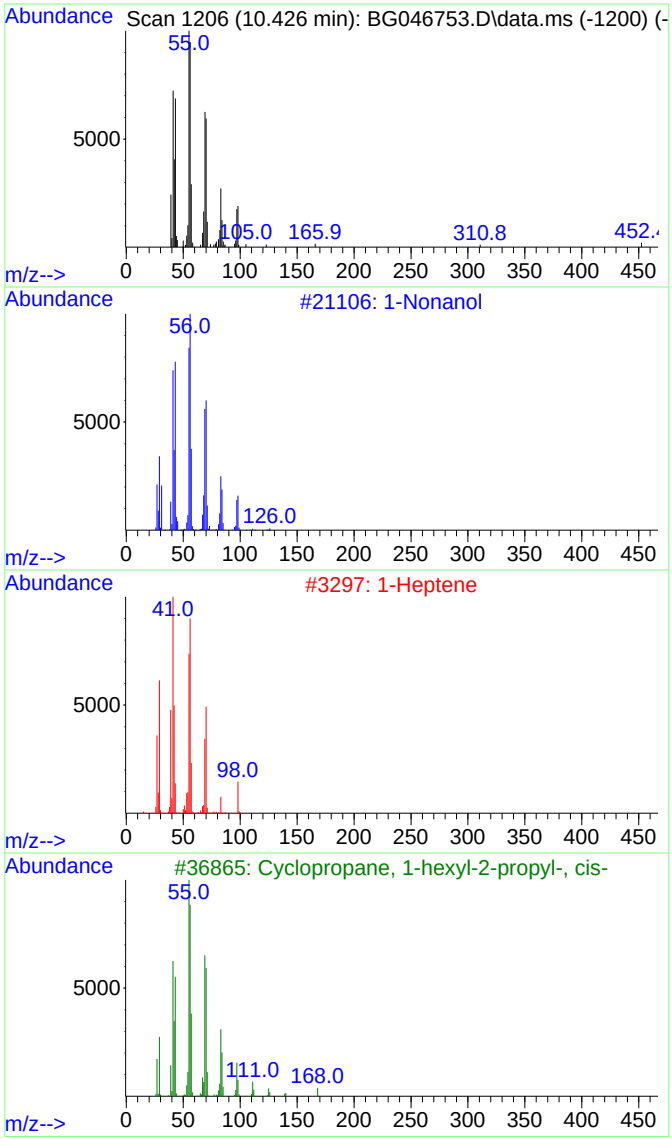
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

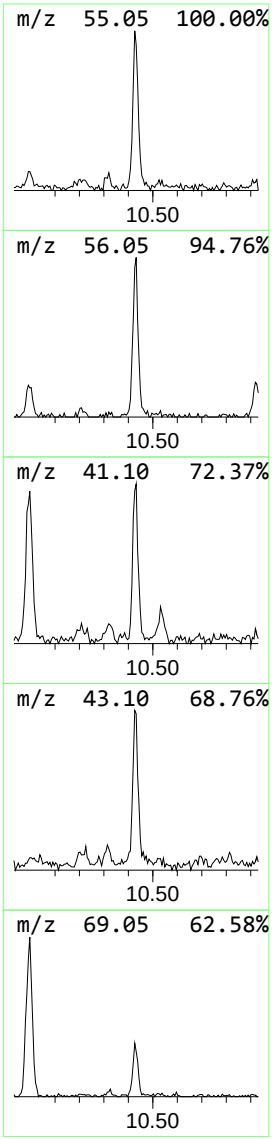
****

Peak Number 5 1-Nonanol Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.430	4.14 ng/ul	151917	Naphthalene-d8	10.925

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Nonanol	144	C9H20O	000143-08-8	86
2	1-Heptene	98	C7H14	000592-76-7	80
3	Cyclopropane, 1-hexyl-2-propyl-,...	168	C12H24	074630-58-3	78
4	1-Heptene	98	C7H14	000592-76-7	72
5	Cyclopentane, 1,2-dimethyl-	98	C7H14	002452-99-5	72





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Acq On : 3 Oct 2020 2:26
Operator : CG/JU
Sample : L4151-01
Misc :
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Instrument : BNA_G
ClientSampleId : CB7K4

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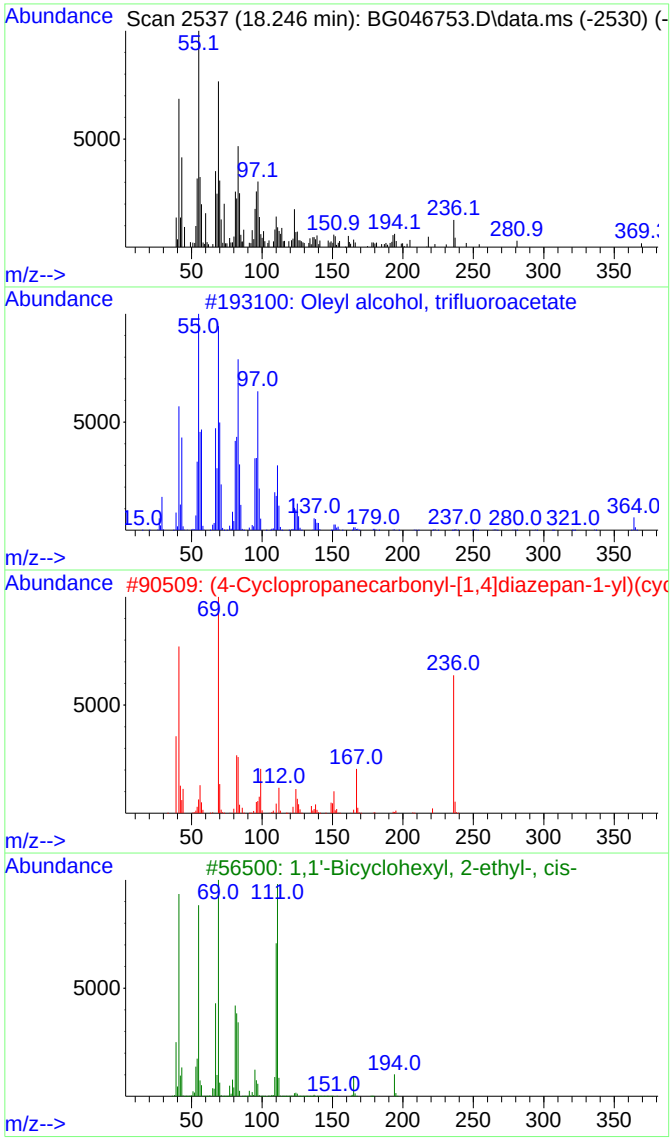
Quant Title : SVOA CALIBRATION

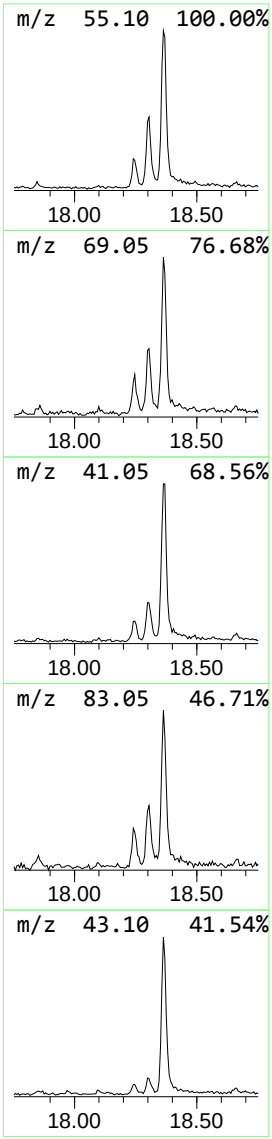
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Oleyl alcohol, trifluoroace... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.250	2.67 ng/ul	183025	Phenanthrene-d10	17.476

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oleyl alcohol, trifluoroacetate	364	C20H35F3O2	1000352-68-4	58
2	(4-Cyclopropanecarbonyl-[1,4]dia...	236	C13H20N2O2	1000302-81-6	46
3	1,1'-Bicyclohexyl, 2-ethyl-, cis-	194	C14H26	050991-12-3	45
4	1,1'-Bicyclohexyl, 2-propyl-, tr...	208	C15H28	054934-89-3	43
5	Oxacyclotetradecane-2,11-dione, ...	240	C14H24O3	074685-36-2	43





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Operator : CG/JU
Sample : L4151-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CB7K4

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Quant Title : SVOA CALIBRATION

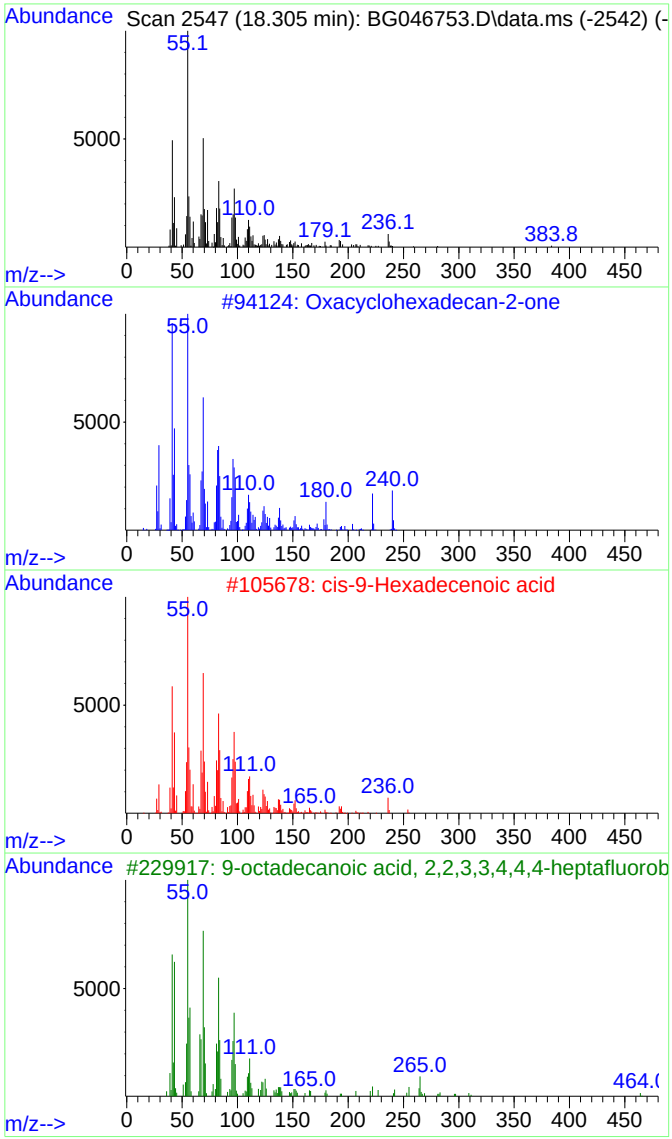
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

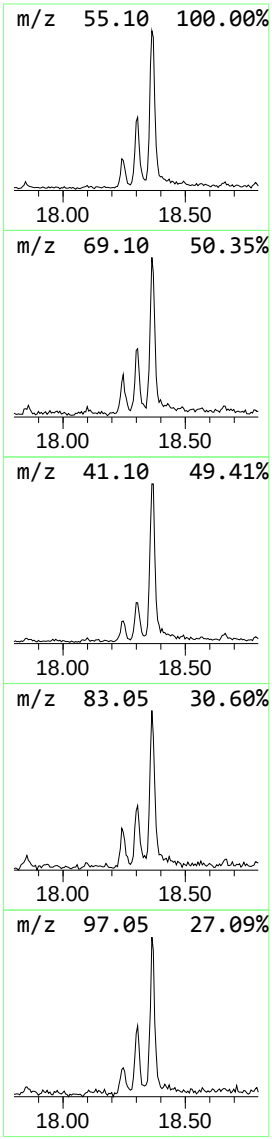
****

Peak Number 7 Oxacyclohexadecan-2-one Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.300	4.26 ng/ul	292619	Phenanthrene-d10	17.476

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxacyclohexadecan-2-one	240	C15H28O2	000106-02-5	91
2	cis-9-Hexadecenoic acid	254	C16H30O2	1000333-19-5	91
3	9-octadecanoic acid, 2,2,3,3,4,4...	464	C22H35F7O2	1000376-61-4	90
4	cis-13-Octadecenoic acid	282	C18H34O2	013126-39-1	90
5	trans-13-Octadecenoic acid	282	C18H34O2	000693-71-0	90





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Operator : CG/JU
Sample : L4151-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CB7K4

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Quant Title : SVOA CALIBRATION

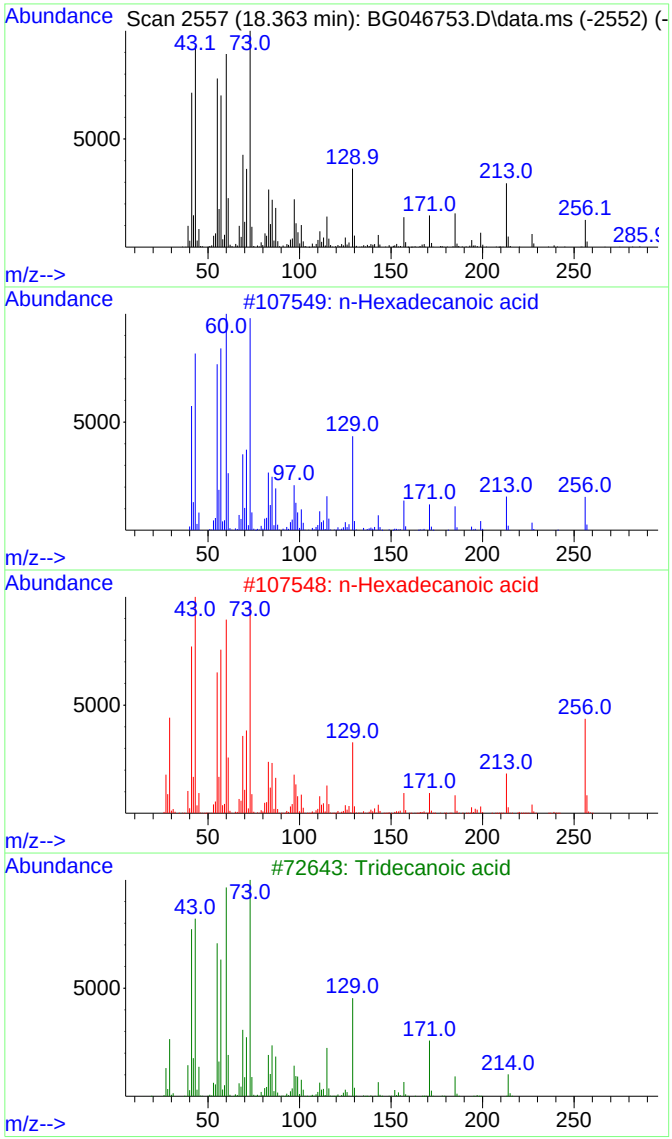
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

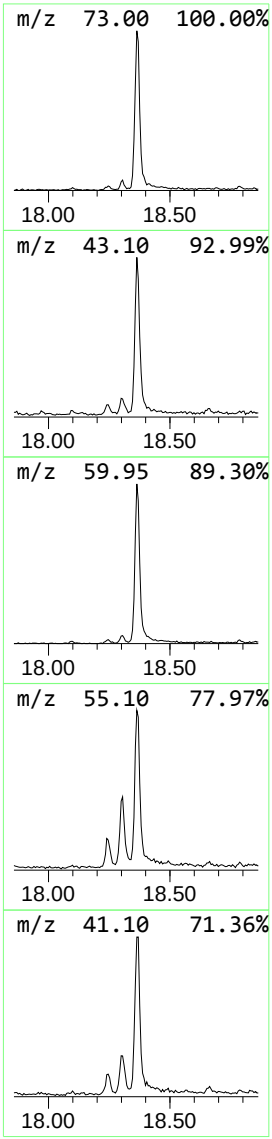
****

Peak Number 8 n-Hexadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.360	18.03 ng/ul	1237600	Phenanthrene-d10	17.476

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	97
3	Tridecanoic acid	214	C13H26O2	000638-53-9	93
4	Tridecanoic acid	214	C13H26O2	000638-53-9	90
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	87





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Operator : CG/JU
Sample : L4151-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CB7K4

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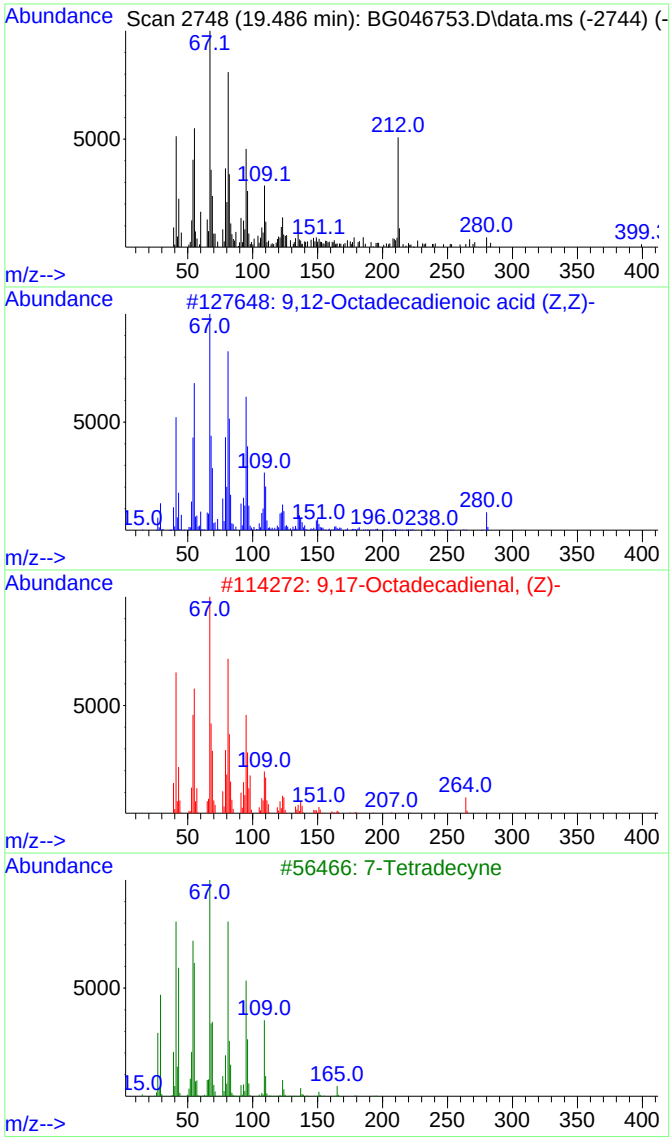
Quant Title : SVOA CALIBRATION

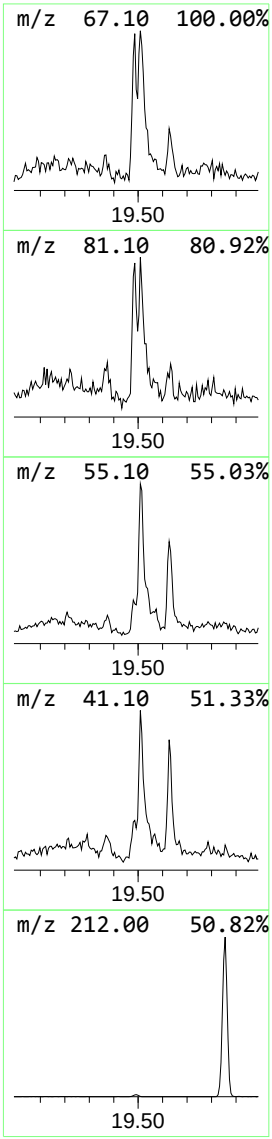
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 9,12-Octadecadienoic acid (... Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.490	2.00 ng/ul	137486	Phenanthrene-d10	17.476

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,12-Octadecadienoic acid (Z,Z)-	280	C18H32O2	000060-33-3	94
2	9,17-Octadecadienal, (Z)-	264	C18H32O	056554-35-9	78
3	7-Tetradecyne	194	C14H26	035216-11-6	72
4	7-Tetradecyne	194	C14H26	035216-11-6	72
5	4,5-Nonadiene, 2-methyl-	138	C10H18	055956-32-6	68





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Acq On : 3 Oct 2020 2:26
Operator : CG/JU
Sample : L4151-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CB7K4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG092920MA.M
Quant Title : SVOA CALIBRATION

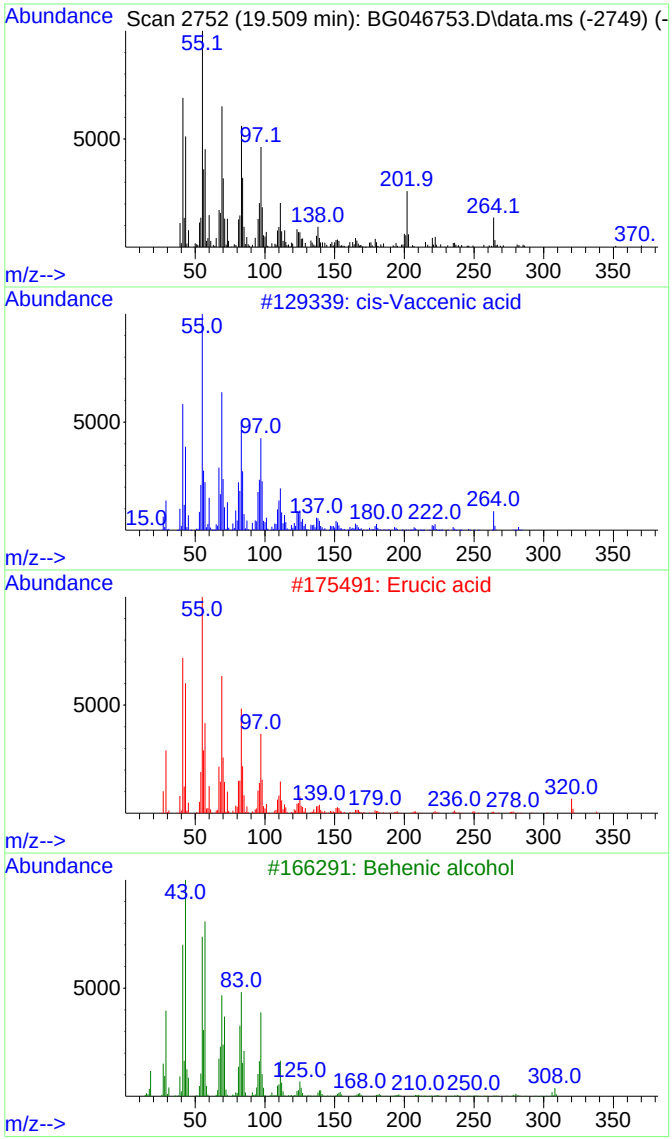
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

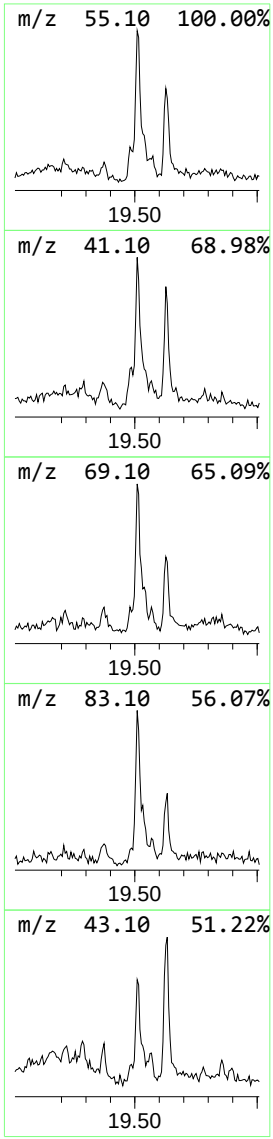
****

Peak Number 10 cis-Vaccenic acid Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.510	7.44 ng/ul	510538	Phenanthrene-d10	17.476

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	cis-Vaccenic acid	282	C18H34O2	000506-17-2	86
2	Erucic acid	338	C22H42O2	000112-86-7	62
3	Behenic alcohol	326	C22H46O	000661-19-8	52
4	Octadec-9-enoic acid	282	C18H34O2	1000190-13-7	52
5	9-Octadecenoic acid, (E)-	282	C18H34O2	000112-79-8	52





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Operator : CG/JU
Sample : L4151-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CB7K4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG092920MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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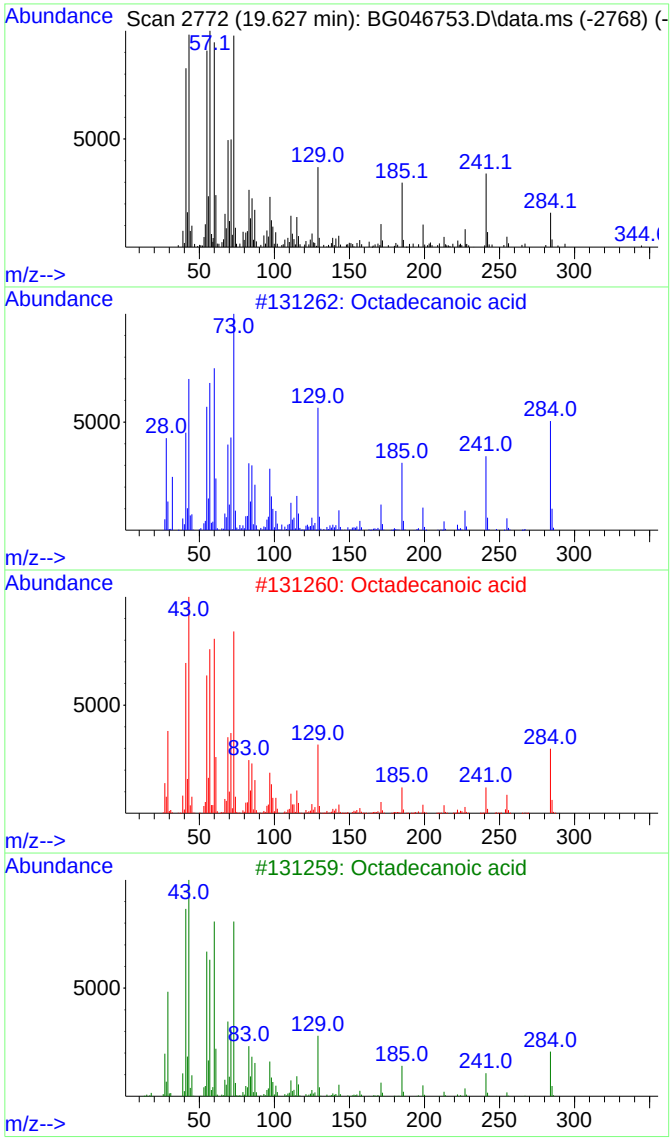
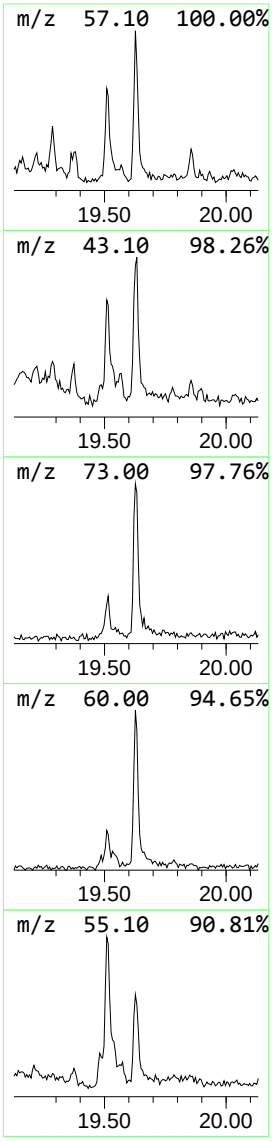
Peak Number 11 Octadecanoic acid Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.630	4.43 ng/ul	366167	Chrysene-d12	21.748

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	98
2	Octadecanoic acid	284	C18H36O2	000057-11-4	97
3	Octadecanoic acid	284	C18H36O2	000057-11-4	97
4	Octadecanoic acid	284	C18H36O2	000057-11-4	93
5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93





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Operator : CG/JU
Sample : L4151-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CB7K4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG092920MA.M
Quant Title : SVOA CALIBRATION

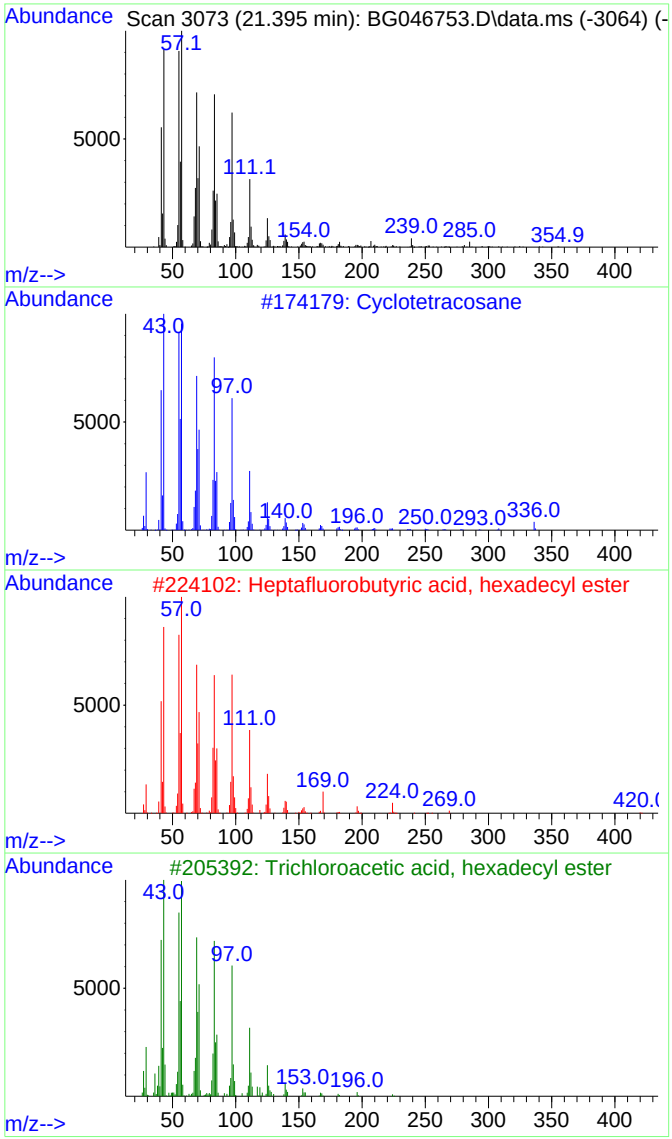
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

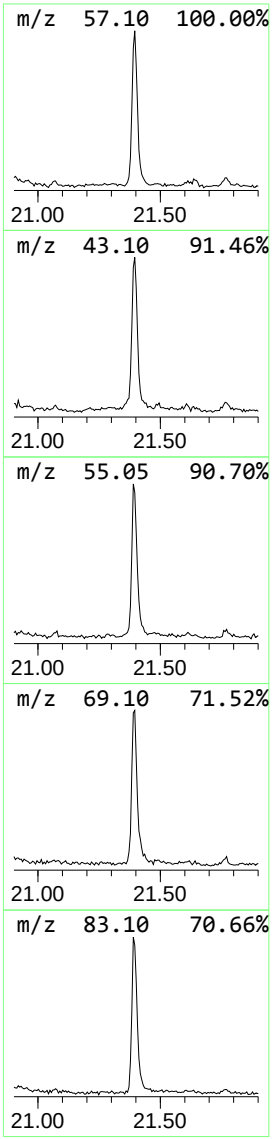
****

Peak Number 12 (DEL) Alkane: Cyclic21.40 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.400	16.93 ng/ul	1399970	Chrysene-d12	21.748

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotetracosane	336	C24H48	000297-03-0	95
2	Heptafluorobutyric acid, hexadec...	438	C20H33F7O2	006385-15-5	94
3	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	94
4	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	94
5	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	94





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Operator : CG/JU
Sample : L4151-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CB7K4

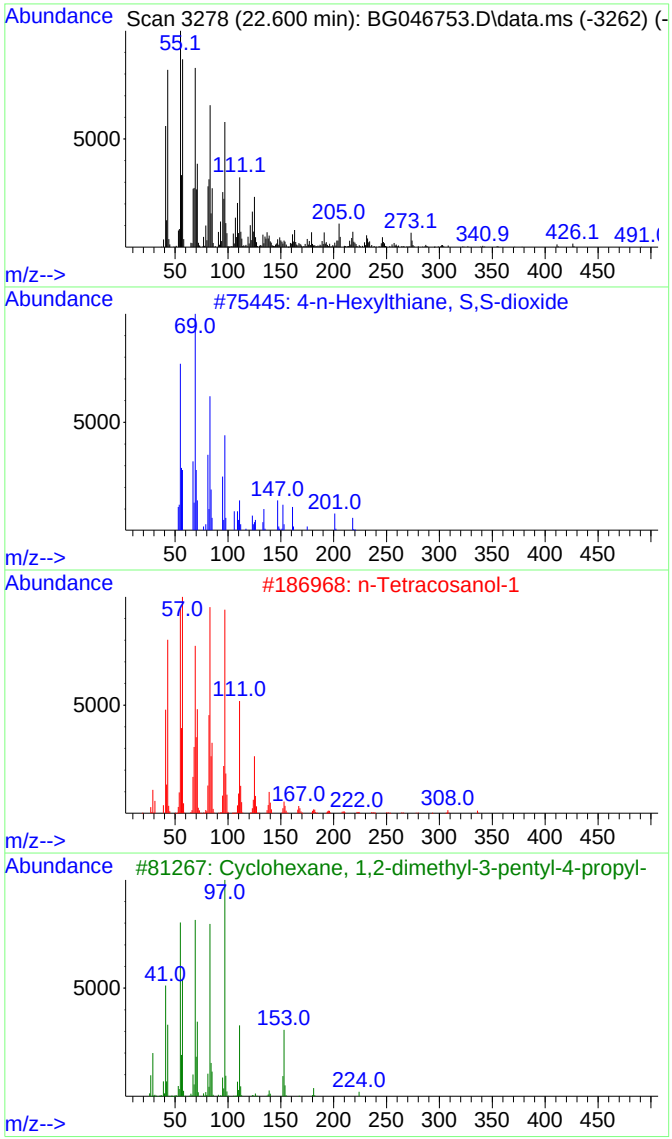
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG092920MA.M
Quant Title : SVOA CALIBRATION

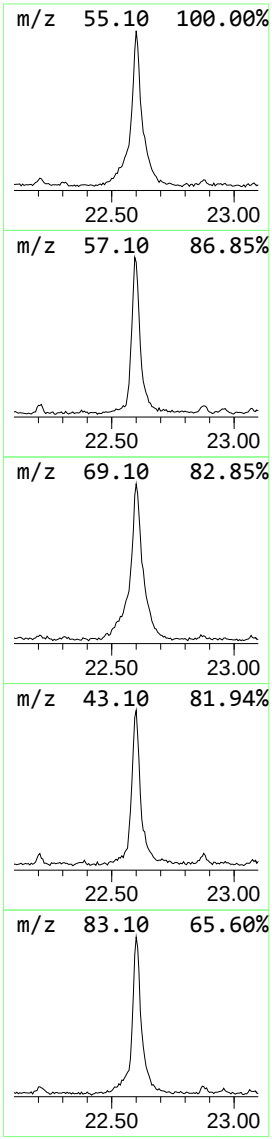
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 4-n-Hexylthiane, S,S-dioxide Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.600	68.08 ng/ul	5628840	Chrysene-d12	21.748

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-n-Hexylthiane, S,S-dioxide	218	C11H22O2S	070928-52-8	64
2	n-Tetracosanol-1	354	C24H50O	000506-51-4	60
3	Cyclohexane, 1,2-dimethyl-3-pent...	224	C16H32	062376-17-4	58
4	Behenic alcohol	326	C22H46O	000661-19-8	55
5	1-Heptacosanol	396	C27H56O	002004-39-9	53





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Misc :
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Instrument : BNA_G
ClientSampleId : CB7K4

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Quant Title : SVOA CALIBRATION

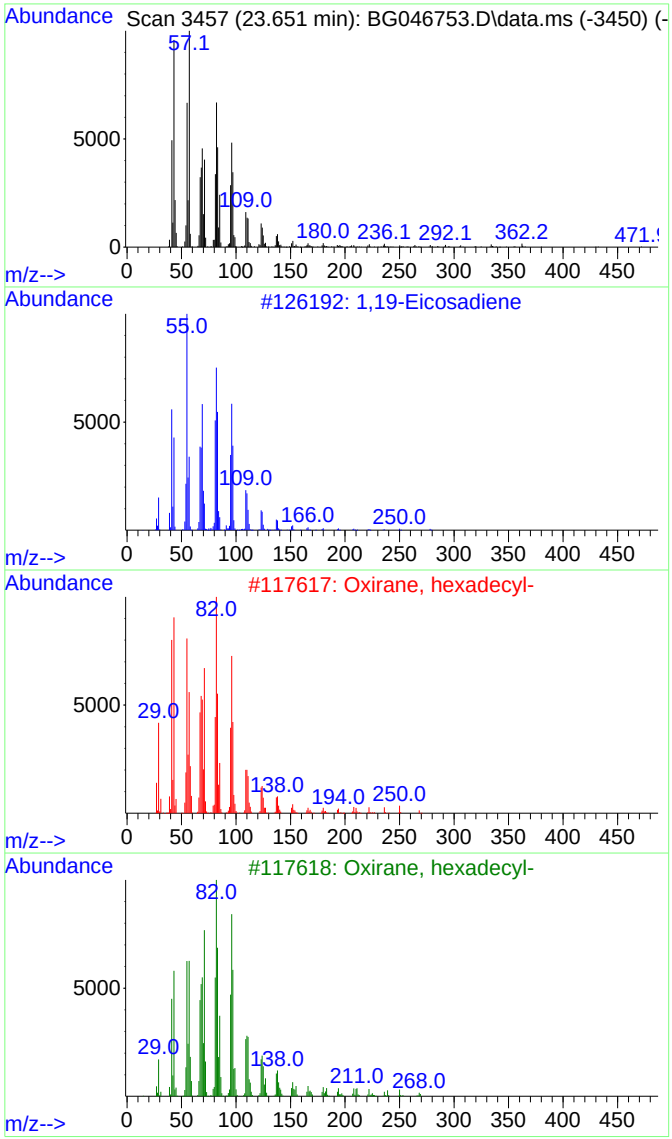
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

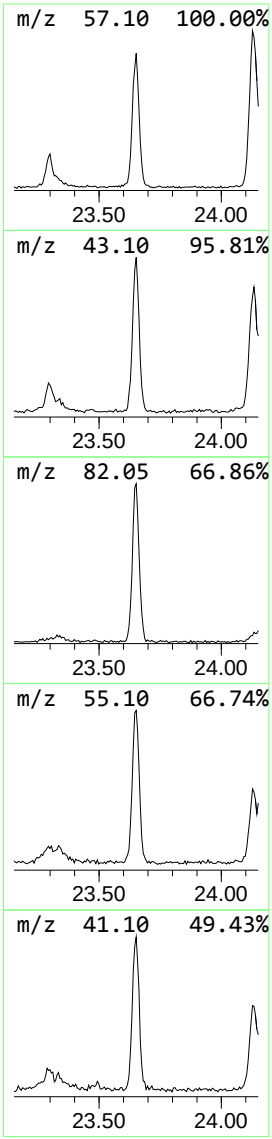
****

Peak Number 14 1,19-Eicosadiene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.650	22.31 ng/ul	1644060	Perylene-d12	25.026

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,19-Eicosadiene	278	C20H38	014811-95-1	95
2	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	91
3	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	91
4	Oxirane, heptadecyl-	282	C19H38O	067860-04-2	91
5	13-Octadecenal	266	C18H34O	056554-90-6	91





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Sample : L4151-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CB7K4

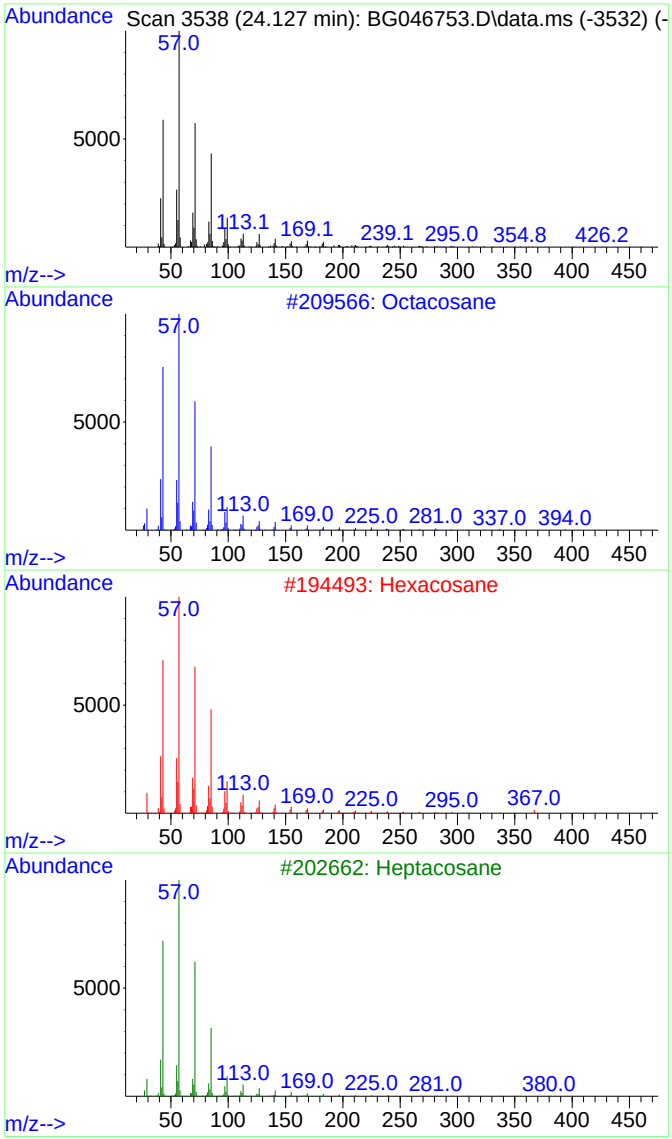
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG092920MA.M
Quant Title : SVOA CALIBRATION

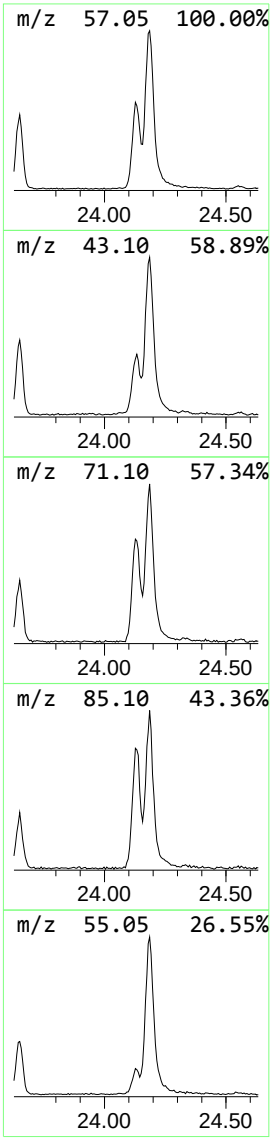
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 (DEL) Alkane: Straight-Chai... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.130	13.33 ng/ul	982150	Perylene-d12	25.026

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	91
2	Hexacosane	366	C26H54	000630-01-3	91
3	Heptacosane	380	C27H56	000593-49-7	91
4	Heneicosane, 11-decyl-	437	C31H64	055320-06-4	91
5	Heneicosane	296	C21H44	000629-94-7	91





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Operator : CG/JU
Sample : L4151-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CB7K4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG092920MA.M
Quant Title : SVOA CALIBRATION

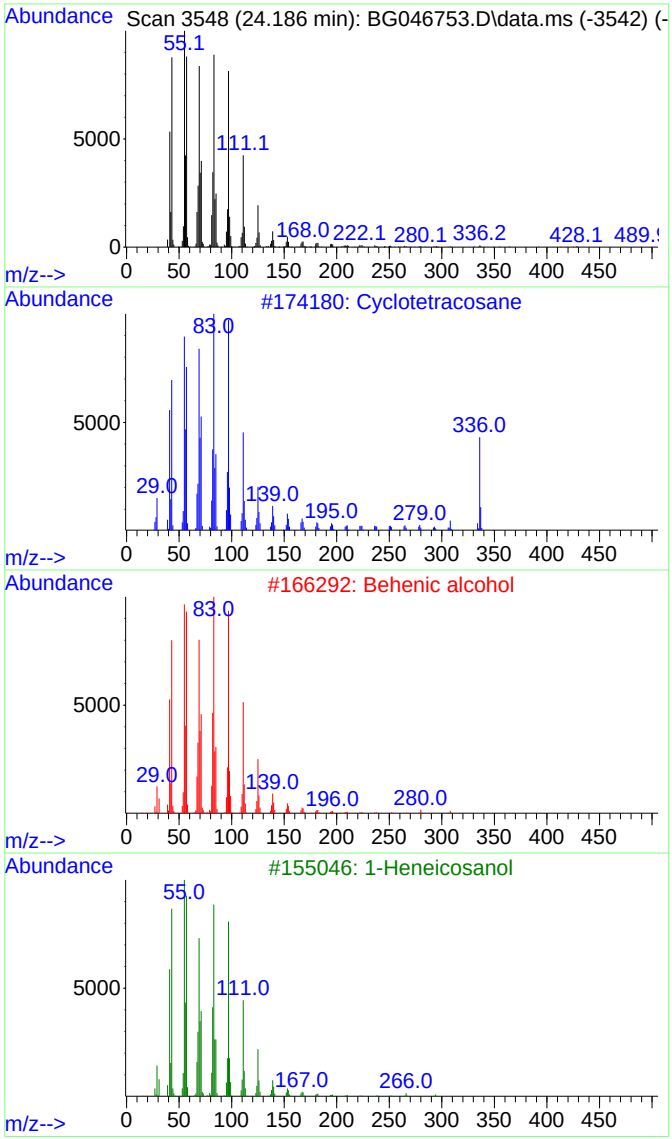
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

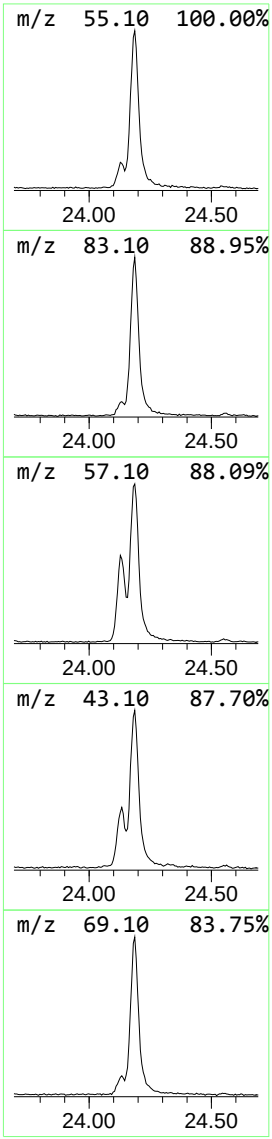
****

Peak Number 16 (DEL) Alkane: Cyclic24.19 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.190	62.00 ng/ul	4568250	Perylene-d12	25.026

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotetracosane	336	C24H48	000297-03-0	98
2	Behenic alcohol	326	C22H46O	000661-19-8	94
3	1-Heneicosanol	312	C21H44O	015594-90-8	93
4	n-Nonadecanol-1	284	C19H40O	001454-84-8	91
5	Fumaric acid, 2-chloroethyl hept...	416	C23H41ClO4	1000330-62-3	91





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Sample : L4151-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CB7K4

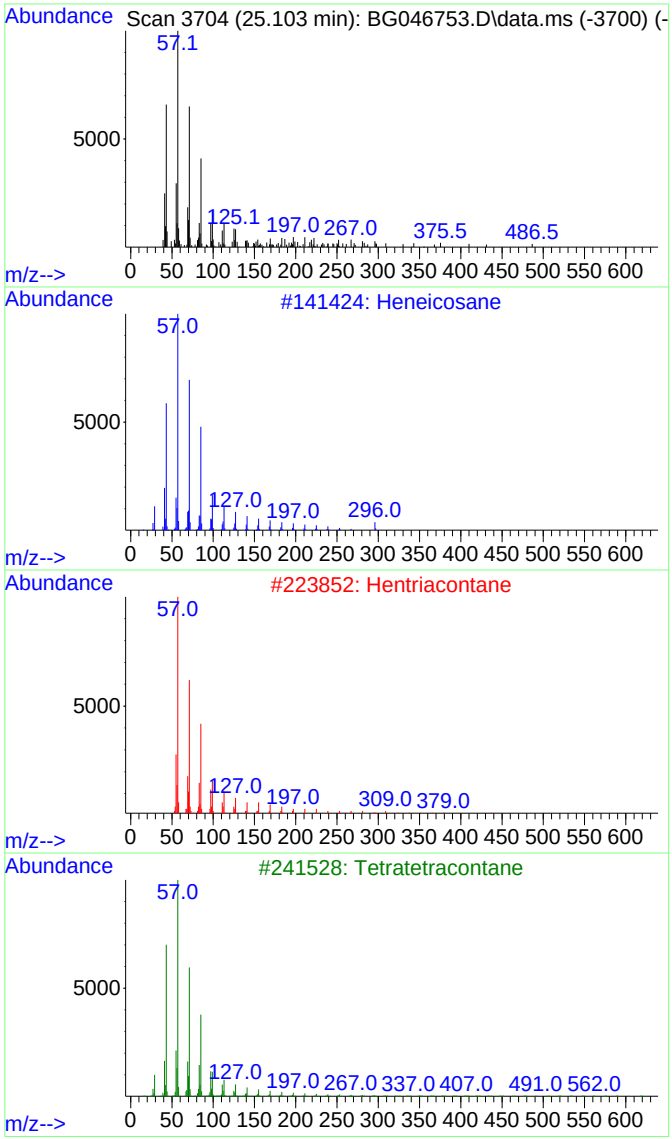
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG092920MA.M
Quant Title : SVOA CALIBRATION

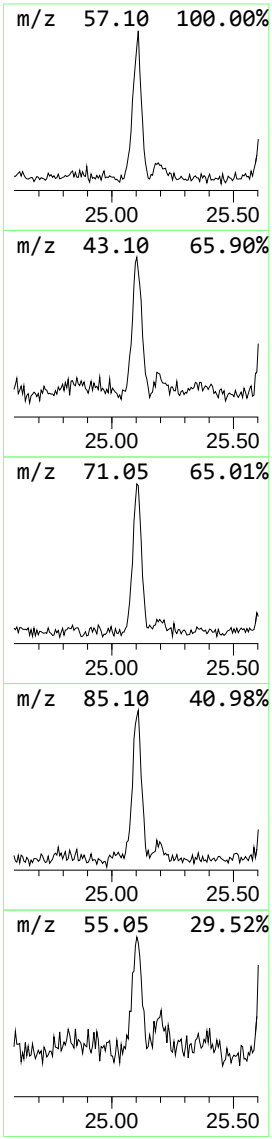
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 (DEL) Alkane: Straight-Chai... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.100	3.07 ng/ul	226125	Perylene-d12	25.026

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	90
2	Hentriacontane	437	C31H64	000630-04-6	87
3	Tetratetracontane	619	C44H90	007098-22-8	83
4	Pentadecane, 8,8-diheptyl-	408	C29H60	055268-72-9	83
5	Heneicosane	296	C21H44	000629-94-7	83





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Acq On : 3 Oct 2020 2:26
Operator : CG/JU
Sample : L4151-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
CB7K4

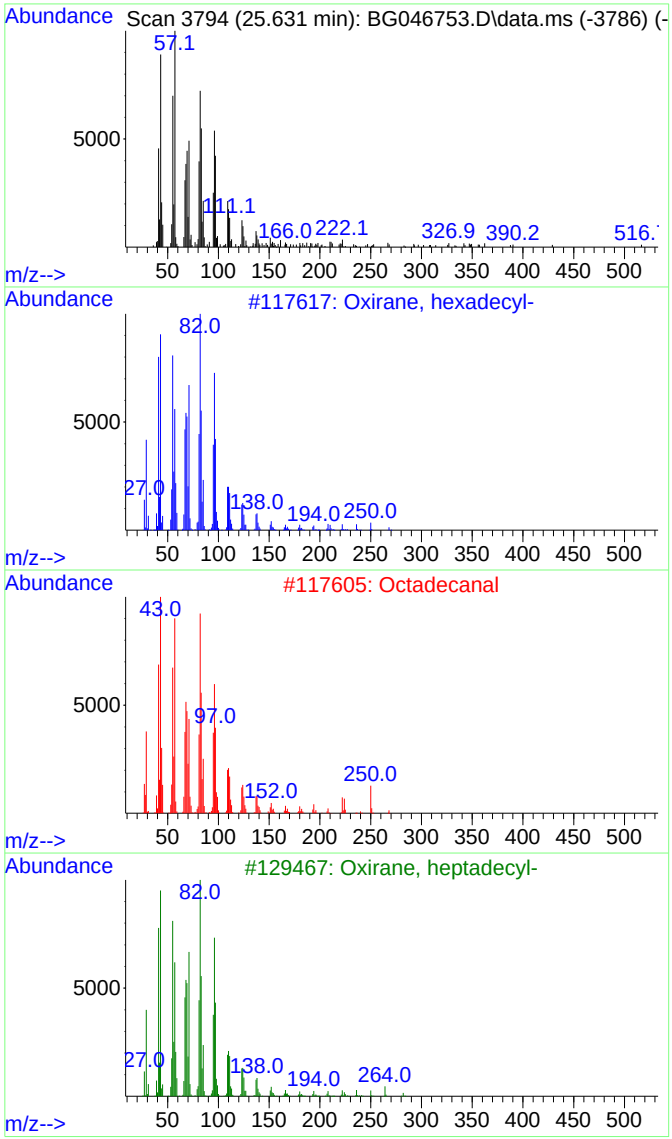
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG092920MA.M
Quant Title : SVOA CALIBRATION

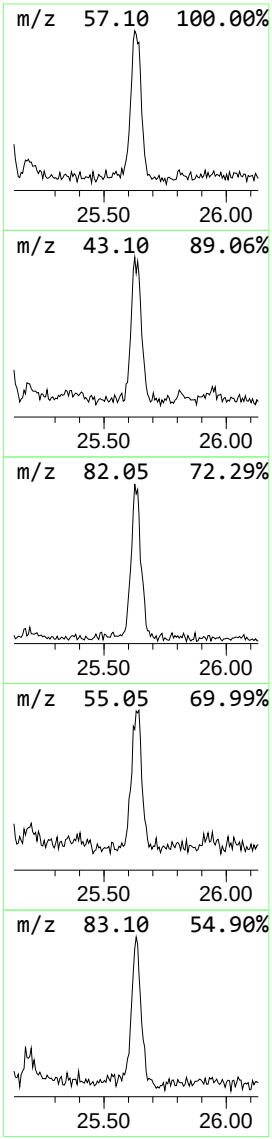
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 Oxirane, hexadecyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.630	7.45 ng/ul	548837	Perylene-d12	25.026

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	95
2	Octadecanal	268	C18H36O	000638-66-4	93
3	Oxirane, heptadecyl-	282	C19H38O	067860-04-2	91
4	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	87
5	Z,Z-4,16-Octadecadien-1-ol acetate	308	C20H36O2	1000130-95-7	83





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Operator : CG/JU
Sample : L4151-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CB7K4

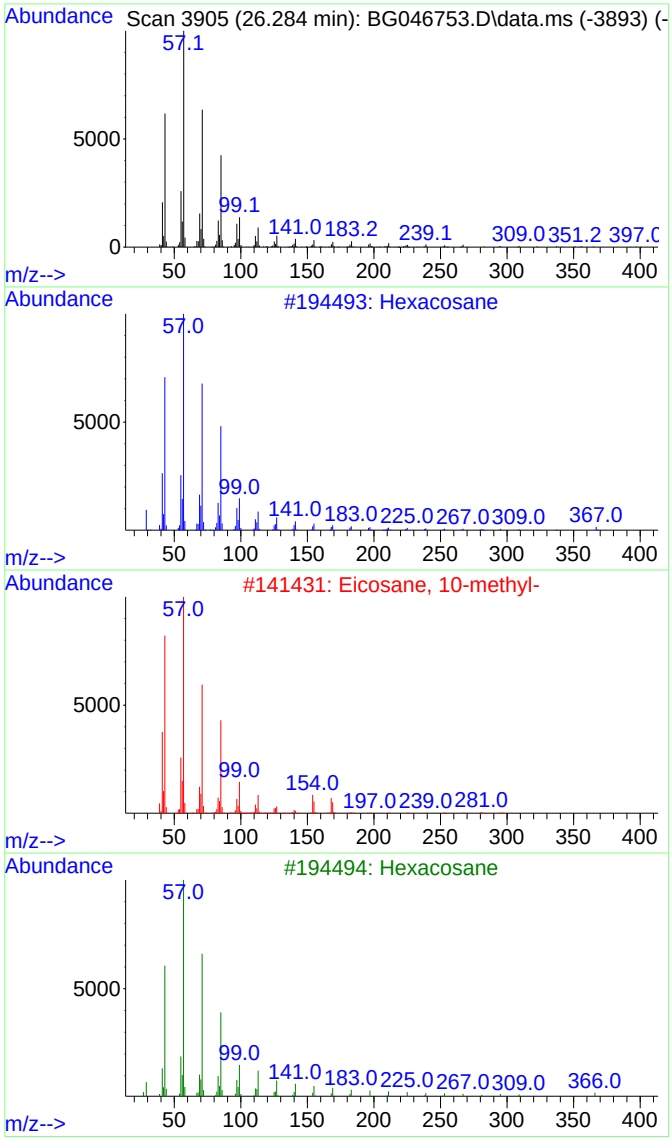
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG092920MA.M
Quant Title : SVOA CALIBRATION

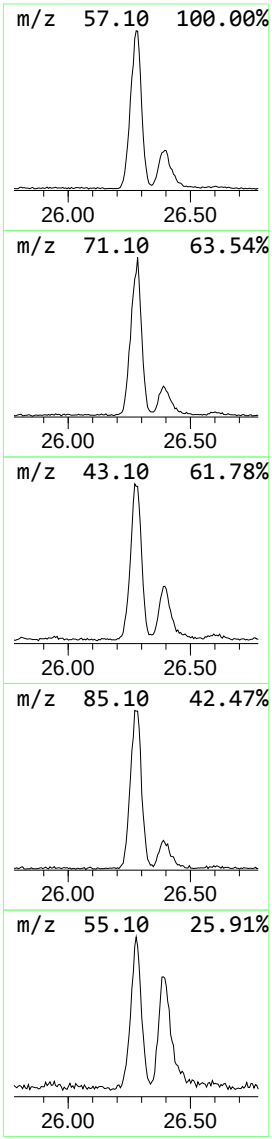
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.280	26.47 ng/ul	1950650	Perylene-d12	25.026

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	94
2	Eicosane, 10-methyl-	296	C21H44	054833-23-7	93
3	Hexacosane	366	C26H54	000630-01-3	91
4	Tetracosane	338	C24H50	000646-31-1	91
5	Tetratetracontane	619	C44H90	007098-22-8	91





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Sample : L4151-01
Misc :
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Instrument : BNA_G
ClientSampleId : CB7K4

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Quant Title : SVOA CALIBRATION

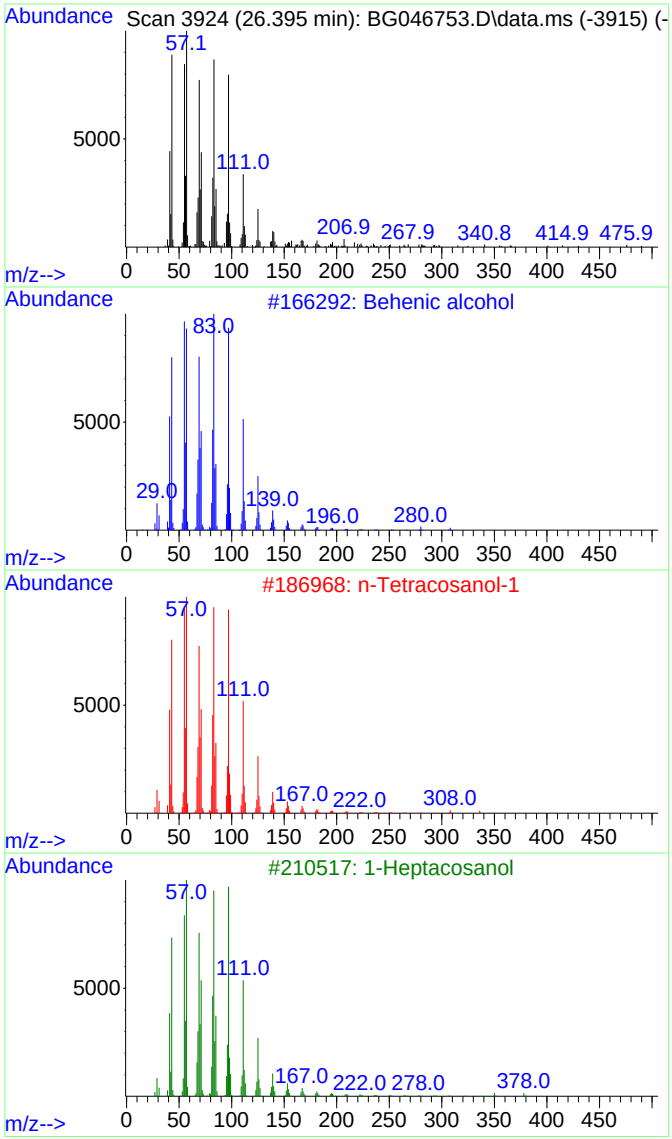
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

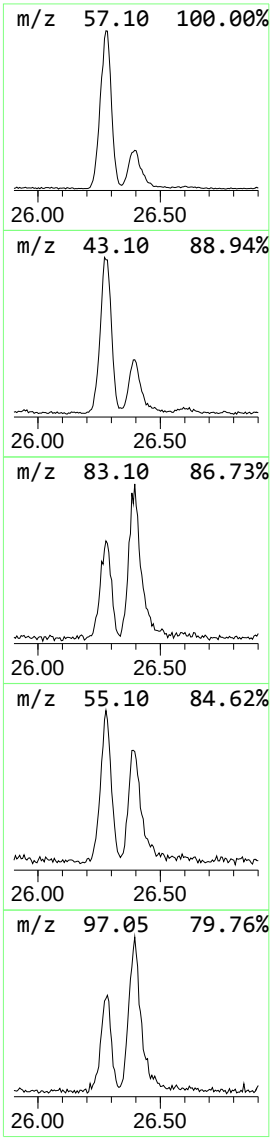
****

Peak Number 20 Behenic alcohol Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.400	14.49 ng/ul	1067660	Perylene-d12	25.026

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Behenic alcohol	326	C22H46O	000661-19-8	94
2	n-Tetracosanol-1	354	C24H50O	000506-51-4	93
3	1-Heptacosanol	396	C27H56O	002004-39-9	93
4	1-Heneicosanol	312	C21H44O	015594-90-8	90
5	17-Pentatriacontene	491	C35H70	006971-40-0	89





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Sample : L4151-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CB7K4

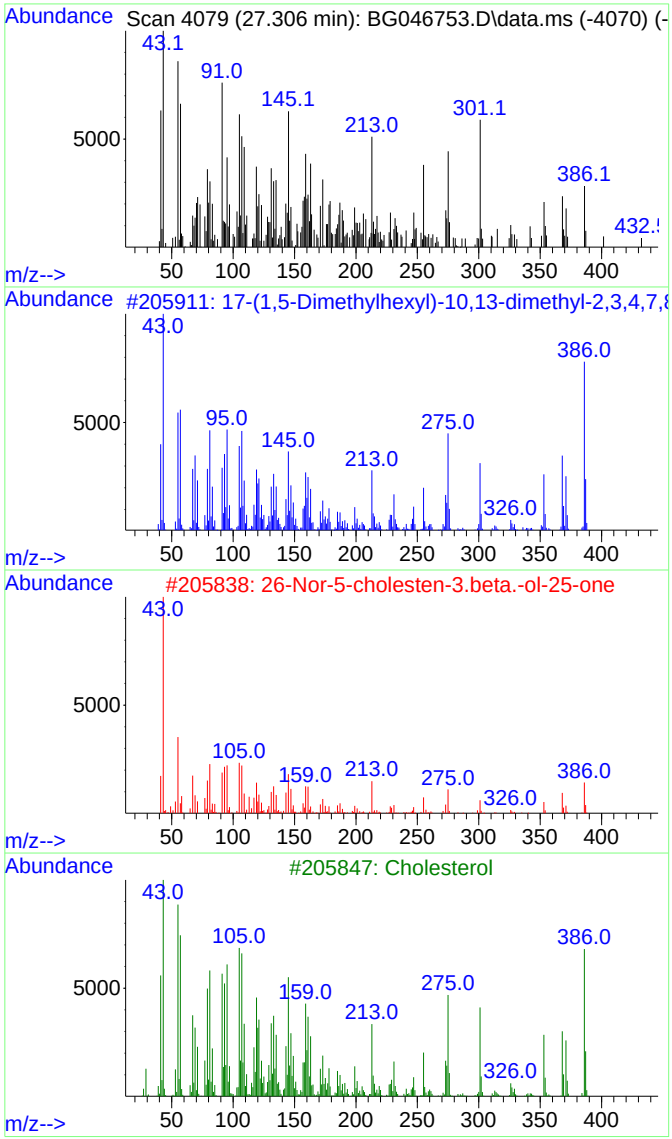
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG092920MA.M
Quant Title : SVOA CALIBRATION

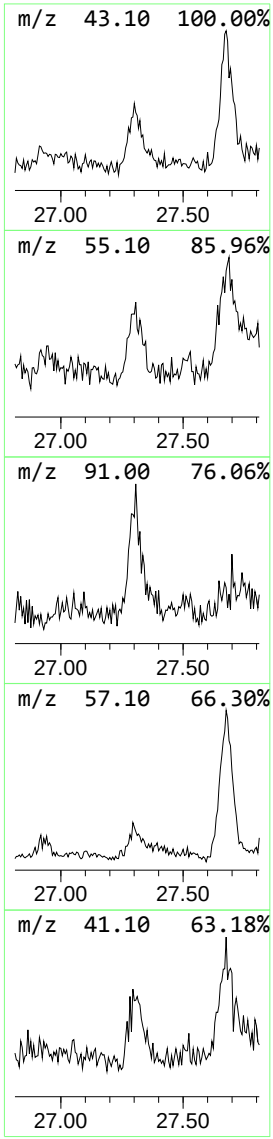
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 21 17-(1,5-Dimethylhexyl)-10,1... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
27.310	5.49 ng/ul	404503	Perylene-d12	25.026

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	17-(1,5-Dimethylhexyl)-10,13-dim...	386	C27H46O	1000210-38-4	89
2	26-Nor-5-cholesten-3.beta.-ol-25...	386	C26H42O2	007494-34-0	55
3	Cholesterol	386	C27H46O	000057-88-5	52
4	26-Nor-5-cholesten-3.beta.-ol-25...	386	C26H42O2	007494-34-0	51
5	Cholesterol	386	C27H46O	000057-88-5	41





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Sample : L4151-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CB7K4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG092920MA.M
Quant Title : SVOA CALIBRATION

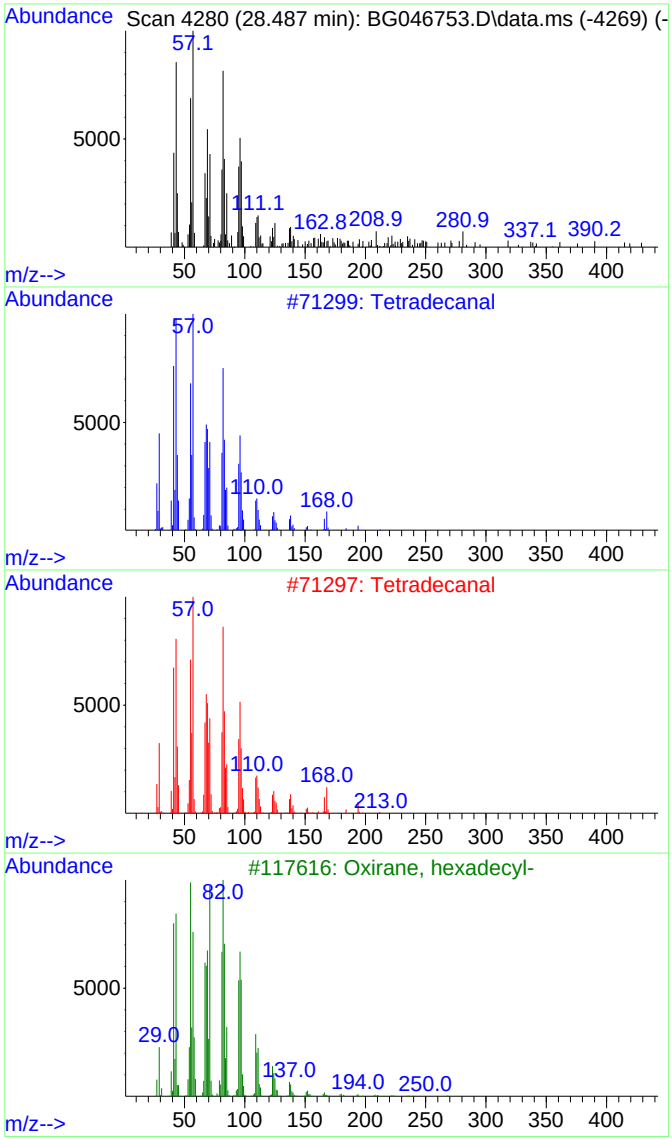
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

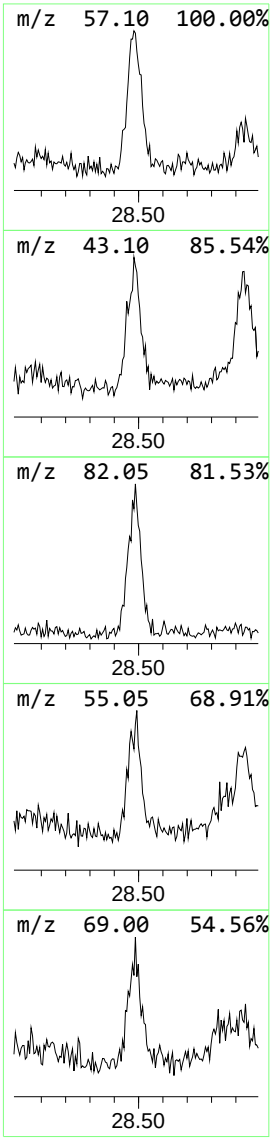
****

Peak Number 22 Tetradecanal Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
28.490	4.91 ng/ul	361510	Perylene-d12	25.026

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecanal	212	C14H28O	000124-25-4	93
2	Tetradecanal	212	C14H28O	000124-25-4	91
3	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	91
4	7-Azabicyclo[4.1.0]heptane, 1-me...	111	C7H13N	025022-25-7	55
5	1,19-Eicosadiene	278	C20H38	014811-95-1	55





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Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CB7K4

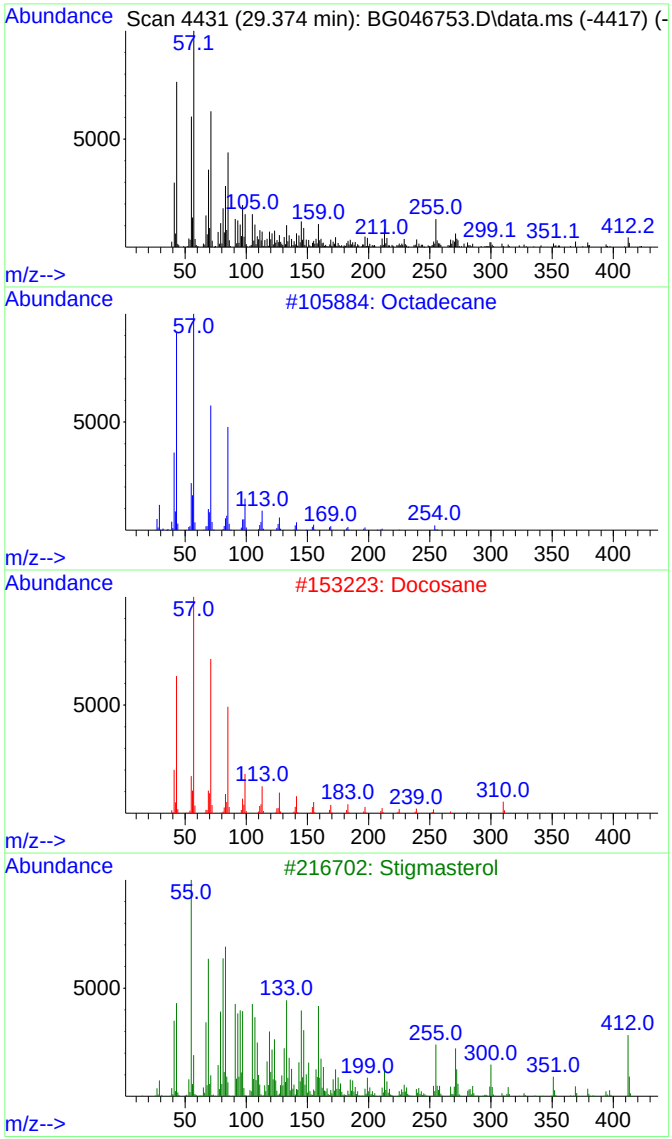
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG092920MA.M
Quant Title : SVOA CALIBRATION

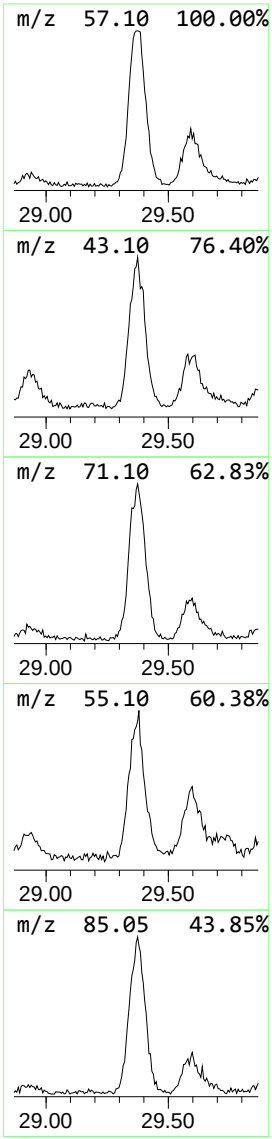
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 23 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
29.370	28.44 ng/ul	2095820	Perylene-d12	25.026

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	92
2	Docosane	310	C22H46	000629-97-0	91
3	Stigmasterol	412	C29H48O	000083-48-7	90
4	Docosane, 7-hexyl-	394	C28H58	055373-86-9	90
5	Heptacosane	380	C27H56	000593-49-7	90





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Operator : CG/JU
Sample : L4151-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CB7K4

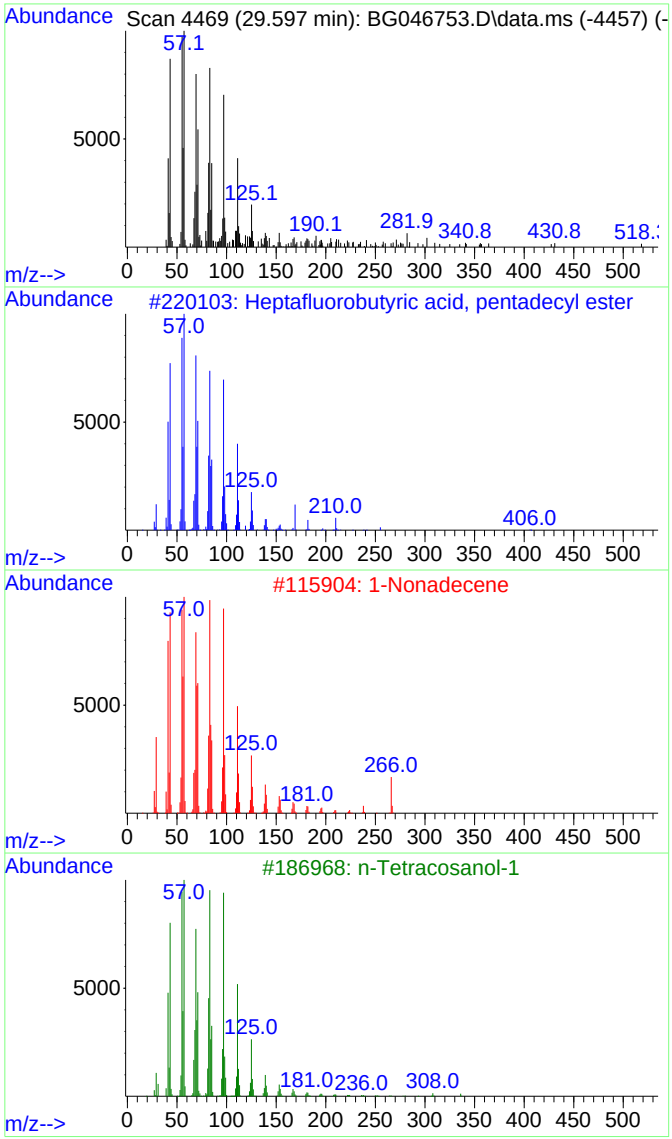
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG092920MA.M
Quant Title : SVOA CALIBRATION

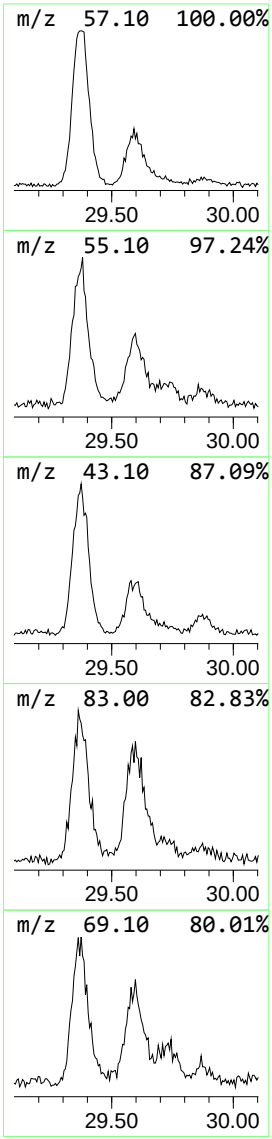
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 24 Heptafluorobutyric acid, pe... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
29.600	8.15 ng/ul	600237	Perylene-d12	25.026

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	91
2	1-Nonadecene	266	C19H38	018435-45-5	90
3	n-Tetracosanol-1	354	C24H50O	000506-51-4	90
4	Octacosanol	410	C28H58O	000557-61-9	89
5	1-Nonadecene	266	C19H38	018435-45-5	83





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Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CB7K4

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Quant Title : SVOA CALIBRATION

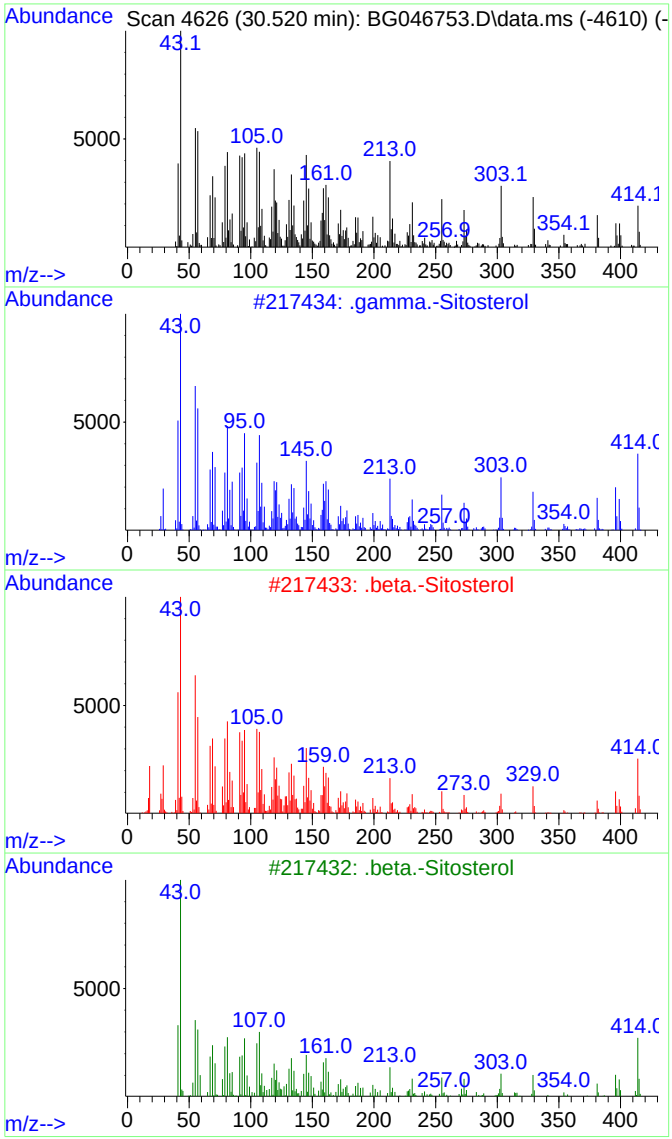
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

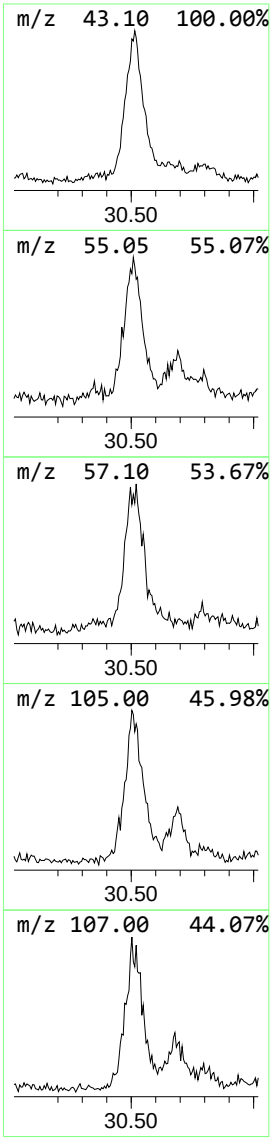
****

Peak Number 25 .gamma.-Sitosterol Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
30.520	32.80 ng/ul	2416920	Perylene-d12	25.026

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.gamma.-Sitosterol	414	C29H50O	000083-47-6	93
2	.beta.-Sitosterol	414	C29H50O	000083-46-5	89
3	.beta.-Sitosterol	414	C29H50O	000083-46-5	42
4	Ergost-7-en-3-ol	400	C28H48O	116179-22-7	38
5	Ergost-5-en-3-ol, (3.beta.)-	400	C28H48O	004651-51-8	37





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Sample : L4151-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CB7K4

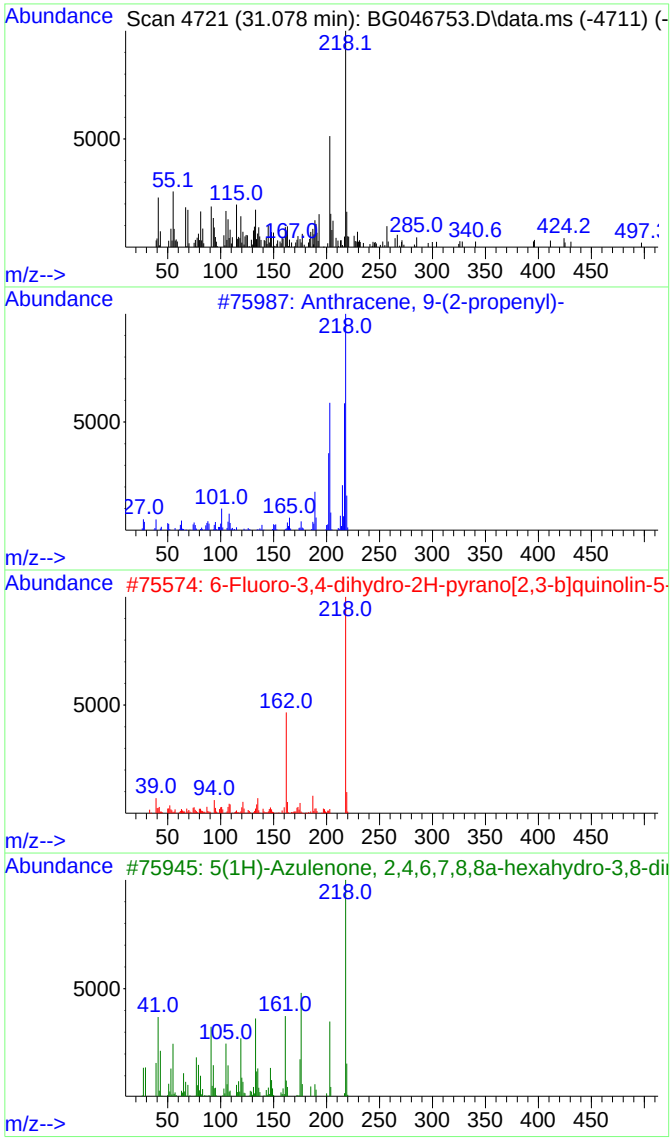
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG092920MA.M
Quant Title : SVOA CALIBRATION

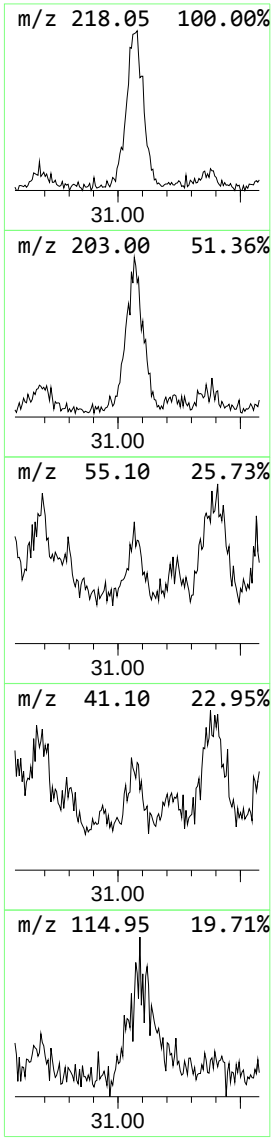
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 26 Anthracene, 9-(2-propenyl)- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
31.080	5.08 ng/ul	374216	Perylene-d12	25.026

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 9-(2-propenyl)-	218	C17H14	023707-65-5	59
2	6-Fluoro-3,4-dihydro-2H-pyrano[2...	218	C12H11FN2O	122910-26-3	50
3	5(1H)-Azulenone, 2,4,6,7,8,8a-he...	218	C15H22O	006754-66-1	49
4	4-(p-N,N-dimethylaminophenylimin...	218	C13H18N2O	1000100-07-8	49
5	4,4,6a,6b,8a,11,12,14b-Octamethy...	424	C30H48O	1000194-64-2	49





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Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CB7K4

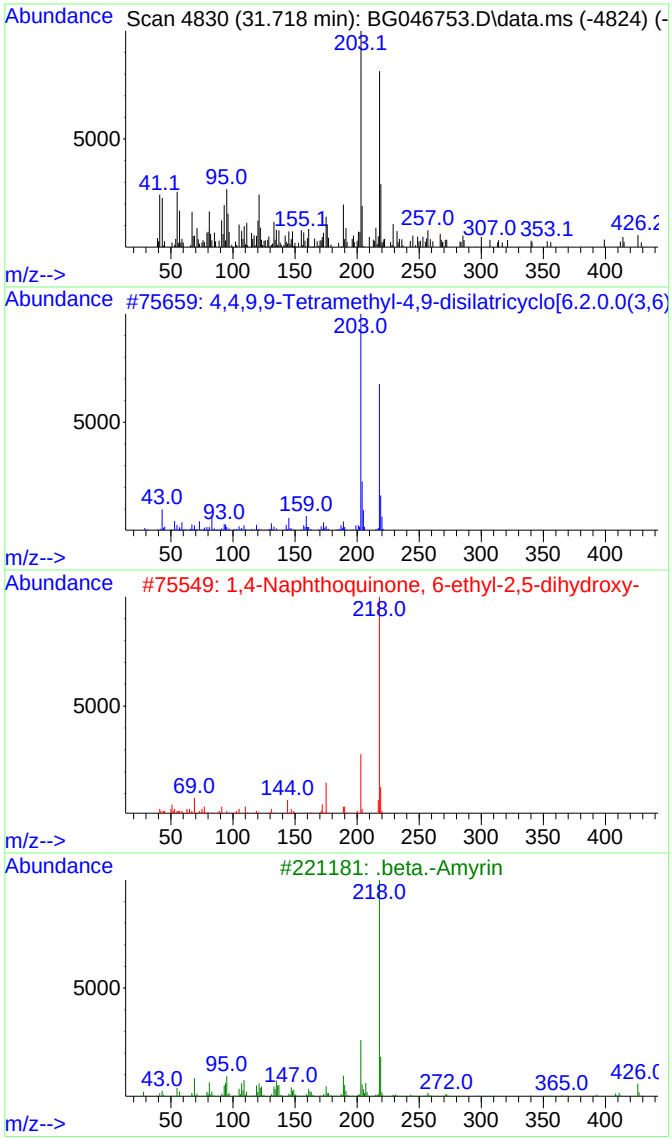
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG092920MA.M
Quant Title : SVOA CALIBRATION

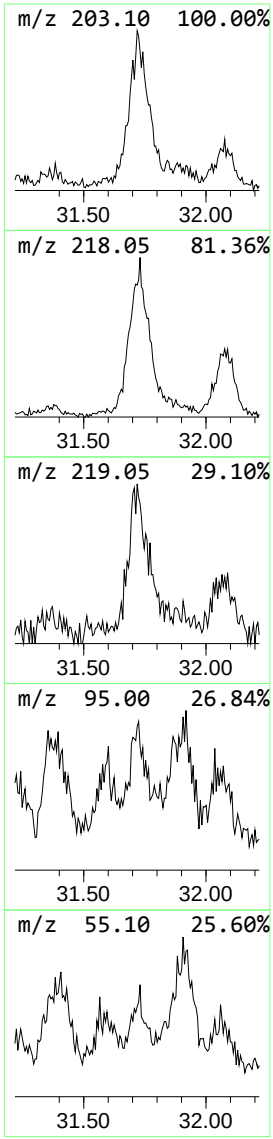
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 27 4,4,9,9-Tetramethyl-4,9-dis... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
31.720	3.43 ng/ul	252465	Perylene-d12	25.026

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4,4,9,9-Tetramethyl-4,9-disilatr...	218	C12H18Si2	1000280-67-7	59
2	1,4-Naphthoquinone, 6-ethyl-2,5-...	218	C12H10O4	013378-87-5	38
3	.beta.-Amyrin	426	C30H50O	000559-70-6	38
4	Benzo[b]naphtho[2,3-d]furan	218	C16H10O	000243-42-5	38
5	.alpha.-Amyrin	426	C30H50O	000638-95-9	38





Tentatively Identified Compound (LSC) summary

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Data File : BG046753.D
Acq On : 3 Oct 2020 2:26
Operator : CG/JU
Sample : L4151-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CB7K4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG092920MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
(DEL) Alkane: C...	5.590	2.5	ng/ul	64370	1	8.111	515926	20.0
Tricyclo[2.2.1....	6.800	2.1	ng/ul	53690	1	8.111	515926	20.0
1-Heptanol	7.200	2.5	ng/ul	65676	1	8.111	515926	20.0
(DEL) Alkane: S...	9.430	2.1	ng/ul	54677	1	8.111	515926	20.0
1-Nonanol	10.430	4.1	ng/ul	151917	2	10.925	733963	20.0
Oleyl alcohol, ...	18.250	2.7	ng/ul	183025	4	17.476	1372890	20.0
Oxacyclohexadec...	18.300	4.3	ng/ul	292619	4	17.476	1372890	20.0
n-Hexadecanoic ...	18.360	18.0	ng/ul	1237600	4	17.476	1372890	20.0
9,12-Octadecadi...	19.490	2.0	ng/ul	137486	4	17.476	1372890	20.0
cis-Vaccenic acid	19.510	7.4	ng/ul	510538	4	17.476	1372890	20.0
Octadecanoic acid	19.630	4.4	ng/ul	366167	5	21.748	1653580	20.0
(DEL) Alkane: C...	21.400	16.9	ng/ul	1399970	5	21.748	1653580	20.0
4-n-Hexylthiane...	22.600	68.1	ng/ul	5628840	5	21.748	1653580	20.0
1,19-Eicosadiene	23.650	22.3	ng/ul	1644060	6	25.026	1473680	20.0
(DEL) Alkane: S...	24.130	13.3	ng/ul	982150	6	25.026	1473680	20.0
(DEL) Alkane: C...	24.190	62.0	ng/ul	4568250	6	25.026	1473680	20.0
(DEL) Alkane: S...	25.100	3.1	ng/ul	226125	6	25.026	1473680	20.0
Oxirane, hexade...	25.630	7.5	ng/ul	548837	6	25.026	1473680	20.0
(DEL) Alkane: S...	26.280	26.5	ng/ul	1950650	6	25.026	1473680	20.0
Behenic alcohol	26.400	14.5	ng/ul	1067660	6	25.026	1473680	20.0
17-(1,5-Dimethy...	27.310	5.5	ng/ul	404503	6	25.026	1473680	20.0
Tetradecanal	28.490	4.9	ng/ul	361510	6	25.026	1473680	20.0
(DEL) Alkane: S...	29.370	28.4	ng/ul	2095820	6	25.026	1473680	20.0
Heptafluorobuty...	29.600	8.2	ng/ul	600237	6	25.026	1473680	20.0
.gamma.-Sitosterol	30.520	32.8	ng/ul	2416920	6	25.026	1473680	20.0
Anthracene, 9-(...	31.080	5.1	ng/ul	374216	6	25.026	1473680	20.0
4,4,9,9-Tetrame...	31.720	3.4	ng/ul	252465	6	25.026	1473680	20.0