LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111020\
Data File : BG047268.D
Acq On : 10 Nov 2020 12:49
Operator : CG/JU
Sample : L4649-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CB7Y8

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-BG102220MA.M
Title : SVOA CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.402	6	11	16	rVB	19851	30771	0.77%	0.077%
2	4.048	117	121	126	rVB6	7295	13028	0.33%	0.032%
3	4.160	136	140	146	rBV	14099	21283	0.53%	0.053%
4	4.377	166	177	184	rBV	33549	61205	1.53%	0.152%
5	4.524	197	202	208	rBV	65147	97619	2.44%	0.243%
6	4.800	244	249	255	rVB2	30204	44037	1.10%	0.110%
7	5.306	331	335	347	rBV2	28559	58593	1.47%	0.146%
8	5.476	360	364	371	rVB3	13720	22335	0.56%	0.056%
9	6.046	453	461	470	rVB2	57757	99770	2.50%	0.248%
10	6.945	609	614	620	rBV4	22283	38295	0.96%	0.095%
11	7.092	635	639	642	rBV5	9728	16312	0.41%	0.041%
12	7.156	644	650	663	rVB	329770	581987	14.56%	1.448%
13	7.327	672	679	688	rVB	215563	355632	8.89%	0.885%
14	7.533	707	714	721	rBV	324619	548561	13.72%	1.365%
15	7.691	736	741	746	rVB4	29939	45054	1.13%	0.112%
16	8.008	788	795	802	rBV	210545	356470	8.92%	0.887%
17	8.602	889	896	903	rBV4	25234	45591	1.14%	0.113%
18	8.708	907	914	922	rBV	396606	677869	16.95%	1.687%
19	9.166	984	992	999	rBV	300744	529139	13.23%	1.317%
20	9.325	1013	1019	1026	rVB2	126544	195109	4.88%	0.486%
21	9.583	1057	1063	1069	rVB	25858	40290	1.01%	0.100%
22	9.889	1108	1115	1124	rBV	273495	487832	12.20%	1.214%
23	10.212	1165	1170	1176	rVB3	22805	34504	0.86%	0.086%
24	10.429	1200	1207	1217	rBV	415148	736788	18.43%	1.833%
25	10.811	1264	1272	1279	rBV	284073	507713	12.70%	1.263%
26	10.899	1284	1287	1289	rVV2	13480	17647	0.44%	0.044%
27	10.946	1289	1295	1305	rVB	148331	274148	6.86%	0.682%
28	11.469	1377	1384	1392	rVB2	39240	70284	1.76%	0.175%
29	11.598	1402	1406	1412	rVB5	11872	22181	0.55%	0.055%
30	11.751	1425	1432	1439	rVB3	27498	47933	1.20%	0.119%
31	12.139	1493	1498	1503	rBV4	10718	19559	0.49%	0.049%
32	12.221	1508	1512	1520	rVB5	10566	17901	0.45%	0.045%
33	12.350	1530	1534	1540	rBV4	15133	22685	0.57%	0.056%
34	12.544	1562	1567	1571	rBV4	9375	14854	0.37%	0.037%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111020\
Data File : BG047268.D
Acq On : 10 Nov 2020 12:49
Operator : CG/JU
Sample : L4649-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CB7Y8

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-BG102220MA.M
Title : SVOA CALIBRATION

35	12.832	1610	1616	1620	rBV4	6386	13989	0.35%	0.035%
36	12.885	1621	1625	1633	rVV4	12409	27445	0.69%	0.068%
37	12.961	1636	1638	1642	rVV3	8100	12390	0.31%	0.031%
38	13.091	1652	1660	1663	rVV5	27560	46160	1.15%	0.115%
39	13.126	1663	1666	1669	rVV5	10132	13343	0.33%	0.033%
40	13.167	1670	1673	1677	rVV4	7872	13077	0.33%	0.033%
41	13.273	1683	1691	1696	rVB3	14212	28801	0.72%	0.072%
42	13.596	1743	1746	1750	rVB4	11433	14190	0.35%	0.035%
43	14.043	1814	1822	1827	rBV	706687	1048474	26.22%	2.609%
44	14.084	1827	1829	1834	rVB	61735	75327	1.88%	0.187%
45	14.336	1858	1872	1884	rBV	844890	1294499	32.38%	3.221%
46	14.495	1895	1899	1903	rBV	32145	41119	1.03%	0.102%
47	14.642	1916	1924	1932	rBV	497611	766330	19.17%	1.907%
48	14.701	1932	1934	1943	rVB7	16136	28416	0.71%	0.071%
49	14.830	1949	1956	1965	rBV	327228	547532	13.69%	1.362%
50	14.983	1977	1982	1988	rVB4	25408	39830	1.00%	0.099%
51	15.041	1988	1992	1998	rVB5	13341	19665	0.49%	0.049%
52	15.130	2003	2007	2014	rVB8	8996	15009	0.38%	0.037%
53	15.294	2031	2035	2040	rVB5	16119	23722	0.59%	0.059%
54	15.635	2086	2093	2099	rBV	1046128	1572691	39.34%	3.914%
55	15.746	2106	2112	2119	rBV	362205	533061	13.33%	1.326%
56	15.870	2128	2133	2141	rBV7	16554	29586	0.74%	0.074%
57	16.193	2184	2188	2195	rVB	54394	78396	1.96%	0.195%
58	16.275	2195	2202	2206	rBV8	8388	17403	0.44%	0.043%
59	16.340	2209	2213	2216	rBV2	15807	22174	0.55%	0.055%
60	16.498	2235	2240	2245	rBV6	18192	28400	0.71%	0.071%
61	16.769	2284	2286	2296	rVB7	14048	20474	0.51%	0.051%
62	17.133	2342	2348	2351	rBV5	24160	38194	0.96%	0.095%
63	17.268	2367	2371	2374	rBV4	24368	33532	0.84%	0.083%
64	17.386	2385	2391	2395	rVV	621734	909678	22.75%	2.264%
65	17.427	2395	2398	2402	rVV	137505	207234	5.18%	0.516%
66	17.486	2402	2408	2419	rVB2	1010045	1661006	41.54%	4.133%
67	17.779	2454	2458	2464	rBV5	17678	32097	0.80%	0.080%
68	17.973	2487	2491	2494	rBV5	9019	14684	0.37%	0.037%
69	18.003	2494	2496	2500	rVV4	9152	12936	0.32%	0.032%
70	18.044	2500	2503	2508	rVB7	16834	22517	0.56%	0.056%
71	18.149	2517	2521	2527	rBV5	35708	60939	1.52%	0.152%

LSC Area Percent Report

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Data File : BG047268.D
Acq On : 10 Nov 2020 12:49
Operator : CG/JU
Sample : L4649-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CB7Y8

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-BG102220MA.M
Title : SVOA CALIBRATION

72	18.214	2527	2532	2537	rBV	474109	663456	16.59%	1.651%
73	18.273	2537	2542	2551	rVB2	561808	807407	20.19%	2.009%
74	18.455	2568	2573	2577	rBV3	36755	67046	1.68%	0.167%
75	18.561	2587	2591	2596	rBV3	26153	45383	1.14%	0.113%
76	18.690	2611	2613	2618	rBV5	11068	16523	0.41%	0.041%
77	19.189	2692	2698	2701	rBV4	24498	55705	1.39%	0.139%
78	19.307	2716	2718	2726	rVB6	38543	61574	1.54%	0.153%
79	19.395	2729	2733	2734	rBV2	77984	89595	2.24%	0.223%
80	19.436	2734	2740	2745	rVB	420360	738660	18.47%	1.838%
81	19.536	2754	2757	2764	rVB2	117400	142363	3.56%	0.354%
82	19.771	2791	2797	2801	rBV	1446418	2237360	55.96%	5.568%
83	19.977	2829	2832	2837	rVB	20025	24916	0.62%	0.062%
84	20.288	2883	2885	2893	rVB2	97058	132998	3.33%	0.331%
85	20.382	2899	2901	2906	rVB2	28334	31818	0.80%	0.079%
86	21.287	3051	3055	3066	rBV3	300122	600750	15.03%	1.495%
87	21.528	3092	3096	3105	rVB	299687	403559	10.09%	1.004%
88	21.645	3108	3116	3121	rVV3	699813	1427614	35.71%	3.553%
89	21.687	3121	3123	3132	rVB	167029	264863	6.62%	0.659%
90	22.433	3245	3250	3255	rBV2	185103	372114	9.31%	0.926%
91	23.473	3419	3427	3435	rVB	1219867	2341779	58.57%	5.827%
92	23.825	3482	3487	3494	rBV	115096	301309	7.54%	0.750%
93	23.925	3499	3504	3508	rVV	365027	755252	18.89%	1.879%
94	23.984	3508	3514	3547	rVB	1349795	3998197	100.00%	9.949%
95	24.624	3615	3623	3631	rBV2	602298	1533635	38.36%	3.816%
96	24.842	3652	3660	3669	rBV2	389917	1085810	27.16%	2.702%
97	25.370	3742	3750	3765	rVB2	481377	1357703	33.96%	3.379%
98	25.981	3844	3854	3866	rVB2	643713	2007298	50.21%	4.995%
99	26.117	3868	3877	3901	rBV5	317867	1481415	37.05%	3.686%
100	28.108	4206	4216	4232	rVB3	405568	1622605	40.58%	4.038%

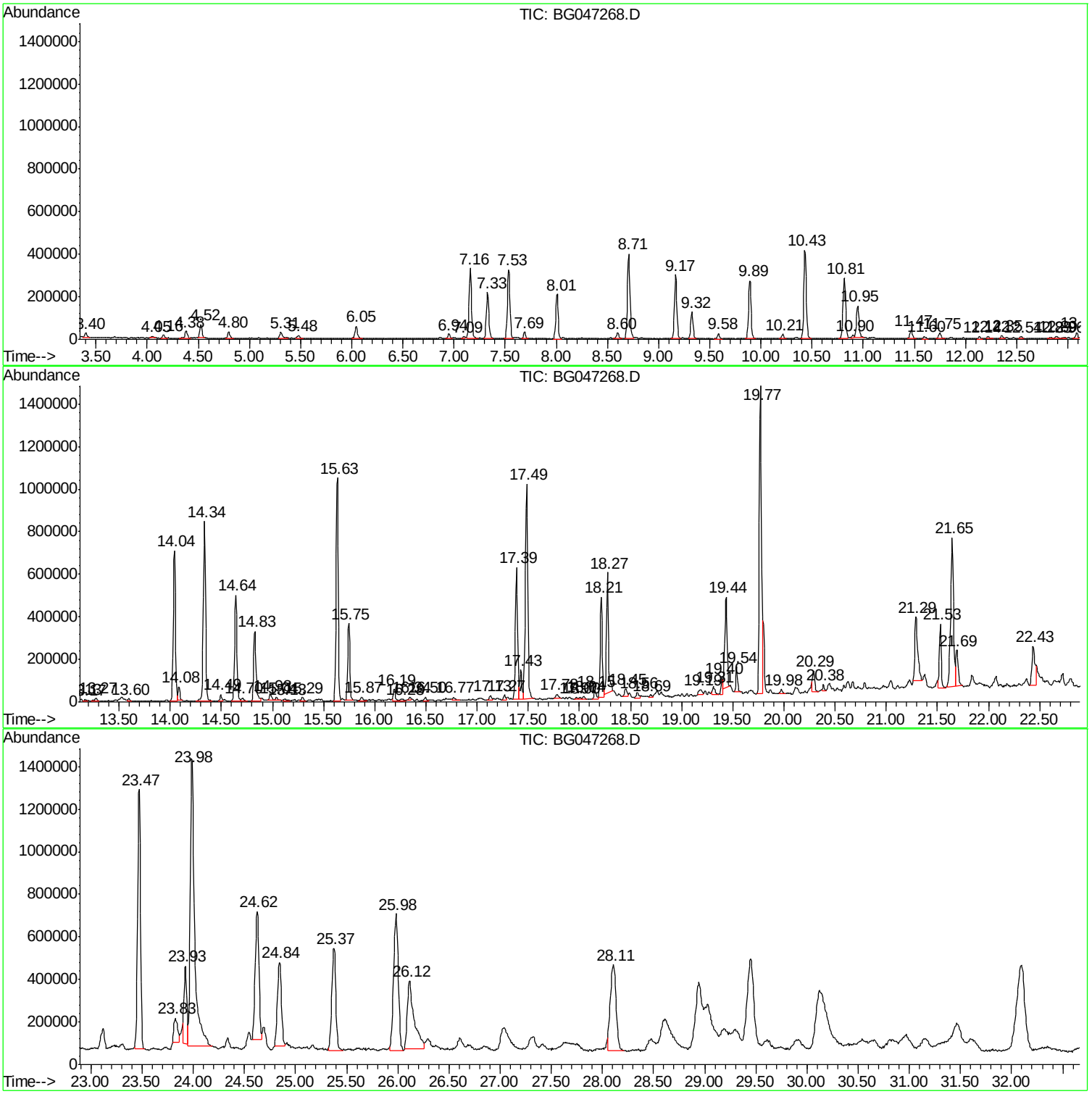
Sum of corrected areas: 40186006

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111020\
Data File : BG047268.D
Acq On : 10 Nov 2020 12:49
Operator : CG/JU
Sample : L4649-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
CB7Y8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION

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



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111020\
Data File : BG047268.D
Acq On : 10 Nov 2020 12:49
Operator : CG/JU
Sample : L4649-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CB7Y8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION

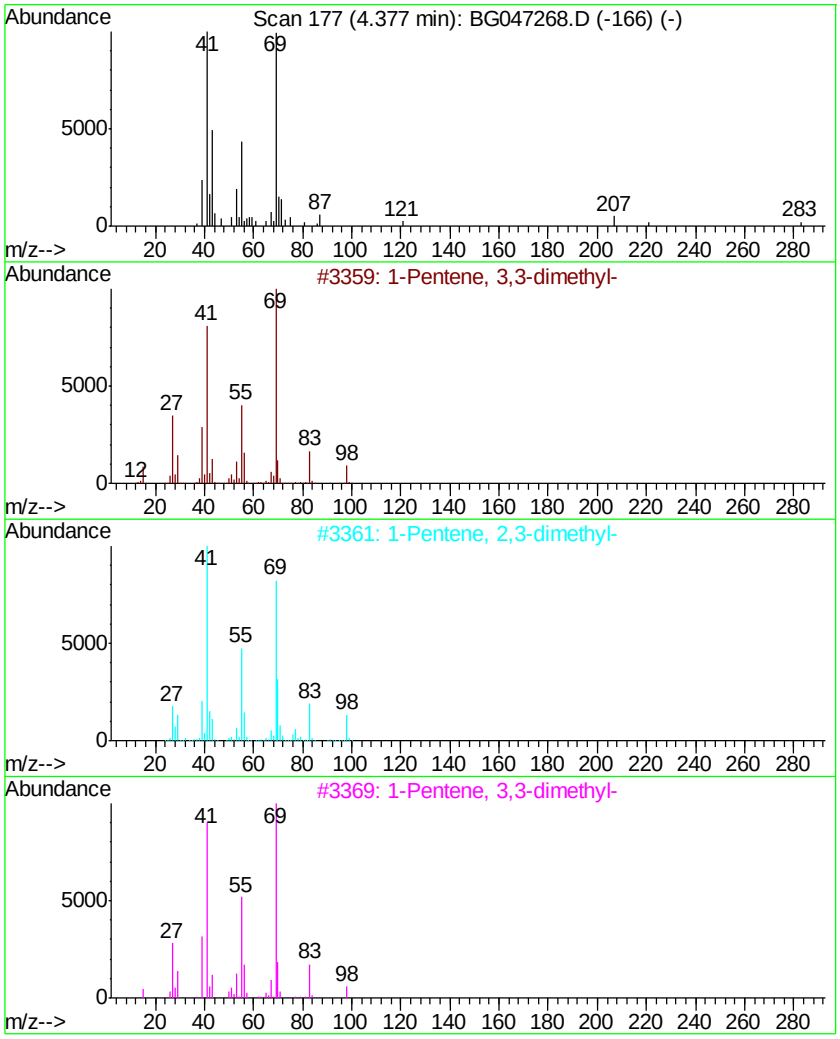
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

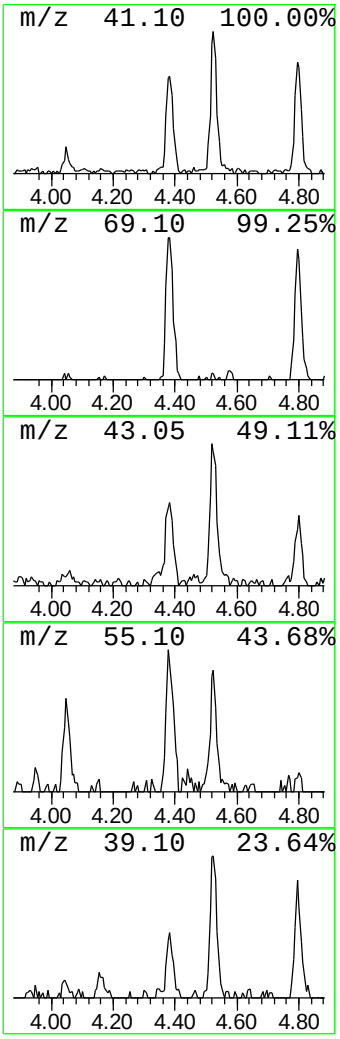
****

Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.38	3.43 ng/ul	61205	1,4-Dichlorobenzene-d4	8.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Pentene, 3,3-dimethyl-	98	C7H14	003404-73-7	42
2	1-Pentene, 2,3-dimethyl-	98	C7H14	003404-72-6	36
3	1-Pentene, 3,3-dimethyl-	98	C7H14	003404-73-7	36
4	1-Pentene, 3-ethyl-	98	C7H14	004038-04-4	33
5	n-Dodecyl methacrylate	254	C16H30O2	000142-90-5	33





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111020\
Data File : BG047268.D
Acq On : 10 Nov 2020 12:49
Operator : CG/JU
Sample : L4649-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CB7Y8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION

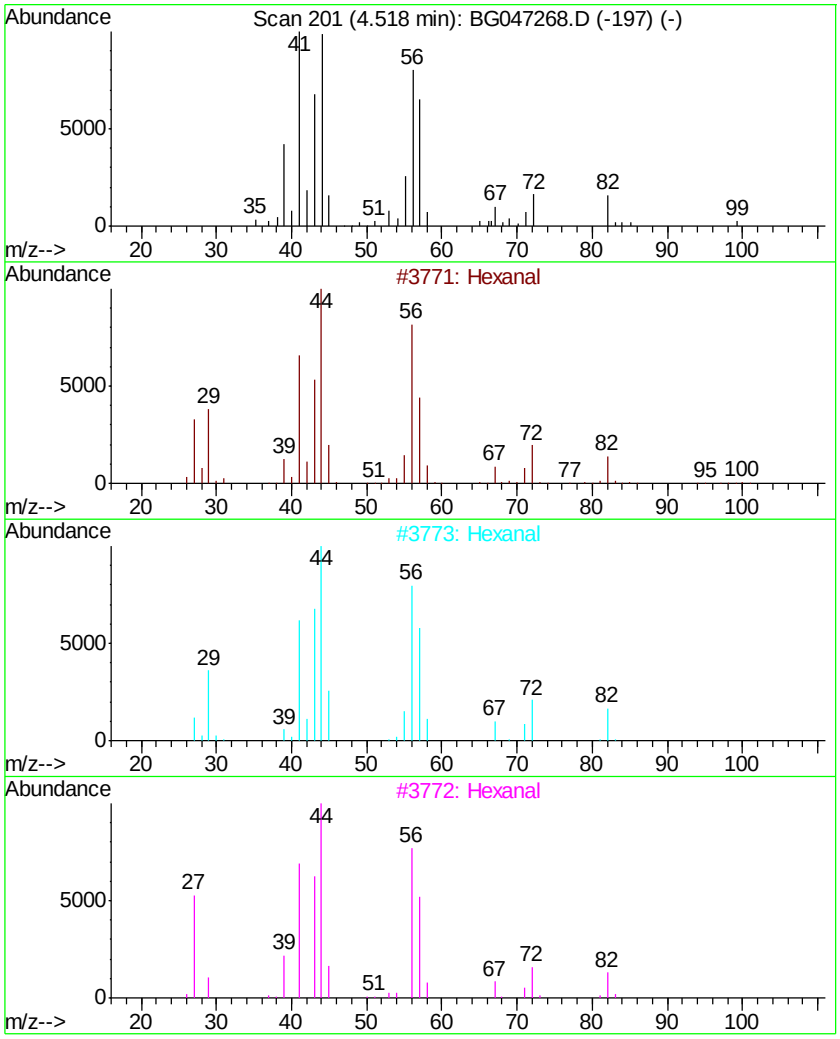
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

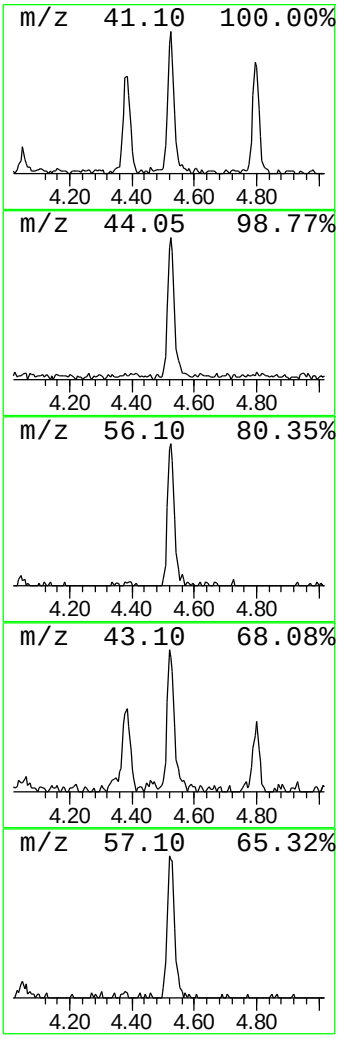
****

Peak Number 2 Hexanal Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.52	5.48 ng/ul	97619	1,4-Dichlorobenzene-d4	8.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanal	100	C6H12O	000066-25-1	72
2	Hexanal	100	C6H12O	000066-25-1	72
3	Hexanal	100	C6H12O	000066-25-1	64
4	Hexanal	100	C6H12O	000066-25-1	64
5	Cyclobutanol, 2-ethyl-	100	C6H12O	035301-43-0	42





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111020\
Data File : BG047268.D
Acq On : 10 Nov 2020 12:49
Operator : CG/JU
Sample : L4649-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CB7Y8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION

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

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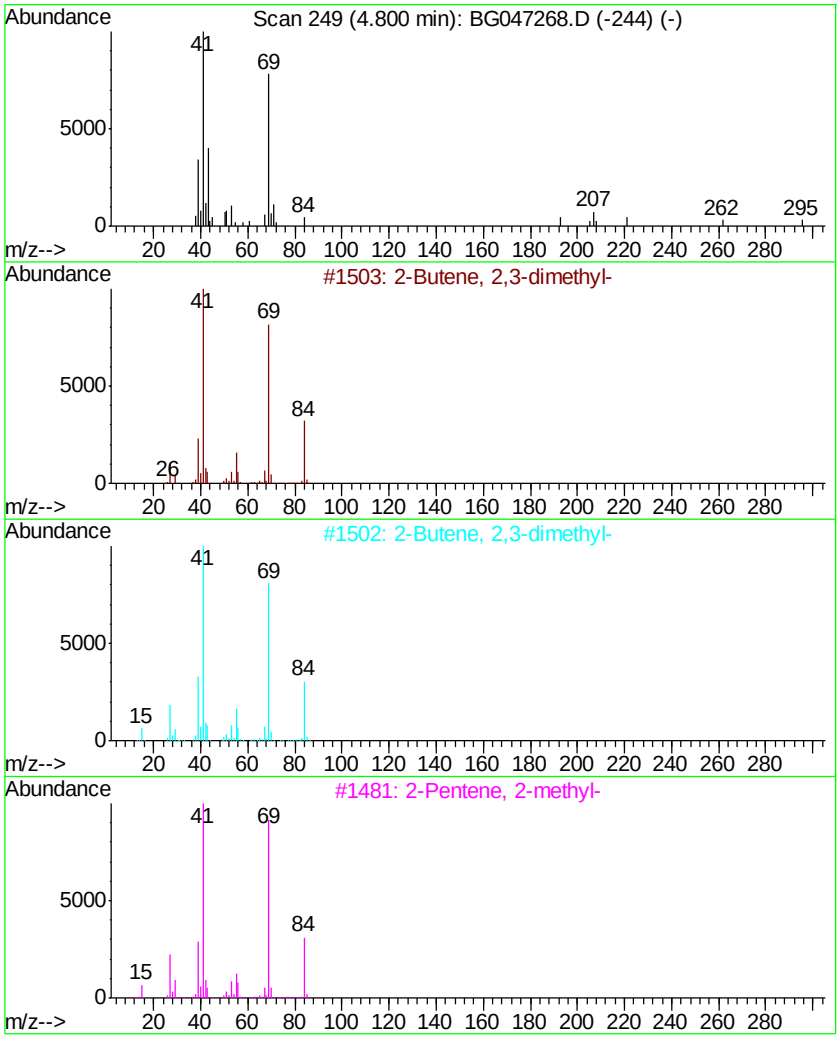
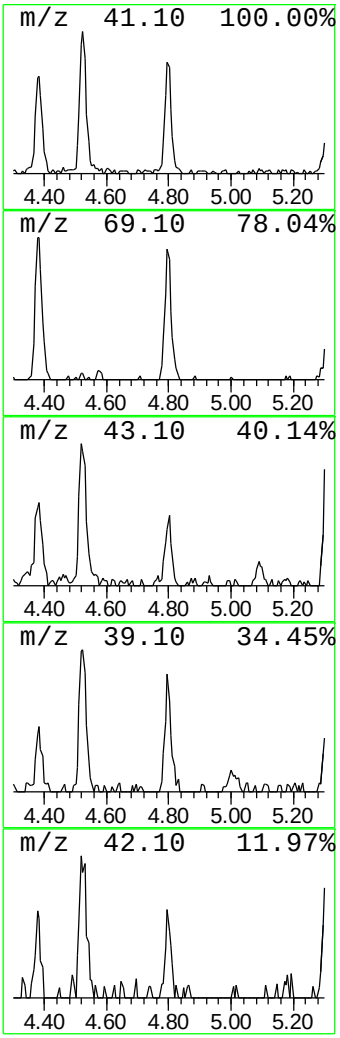
Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.80	2.47 ng/ul	44037	1,4-Dichlorobenzene-d4	8.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Butene, 2,3-dimethyl-	84	C6H12	000563-79-1	59
2	2-Butene, 2,3-dimethyl-	84	C6H12	000563-79-1	59
3	2-Pentene, 2-methyl-	84	C6H12	000625-27-4	59
4	2-Pentene, 4-methyl-, (E)-	84	C6H12	000674-76-0	59
5	1-Butene, 3,3-dimethyl-	84	C6H12	000558-37-2	59





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111020\
Data File : BG047268.D
Acq On : 10 Nov 2020 12:49
Operator : CG/JU
Sample : L4649-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CB7Y8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION

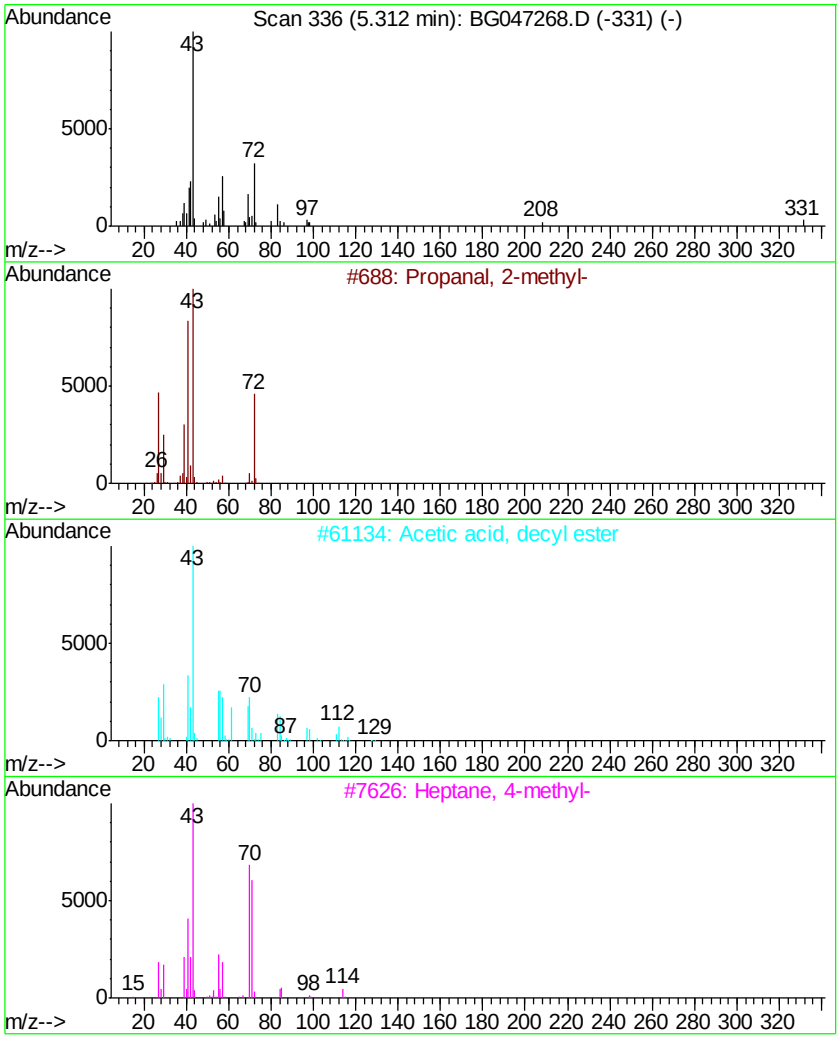
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

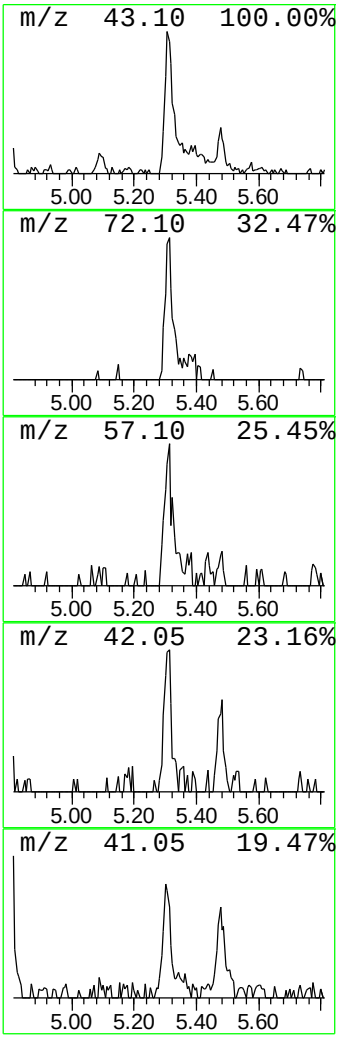
****

Peak Number 4 unknown-01 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.31	3.29 ng/ul	58593	1,4-Dichlorobenzene-d4	8.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propanal, 2-methyl-	72	C4H8O	000078-84-2	37
2	Acetic acid, decyl ester	200	C12H24O2	000112-17-4	28
3	Heptane, 4-methyl-	114	C8H18	000589-53-7	17
4	Hexane, 2,3-dimethyl-	114	C8H18	000584-94-1	17
5	1-Propene, 3-methoxy-	72	C4H8O	000627-40-7	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111020\
Data File : BG047268.D
Acq On : 10 Nov 2020 12:49
Operator : CG/JU
Sample : L4649-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CB7Y8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION

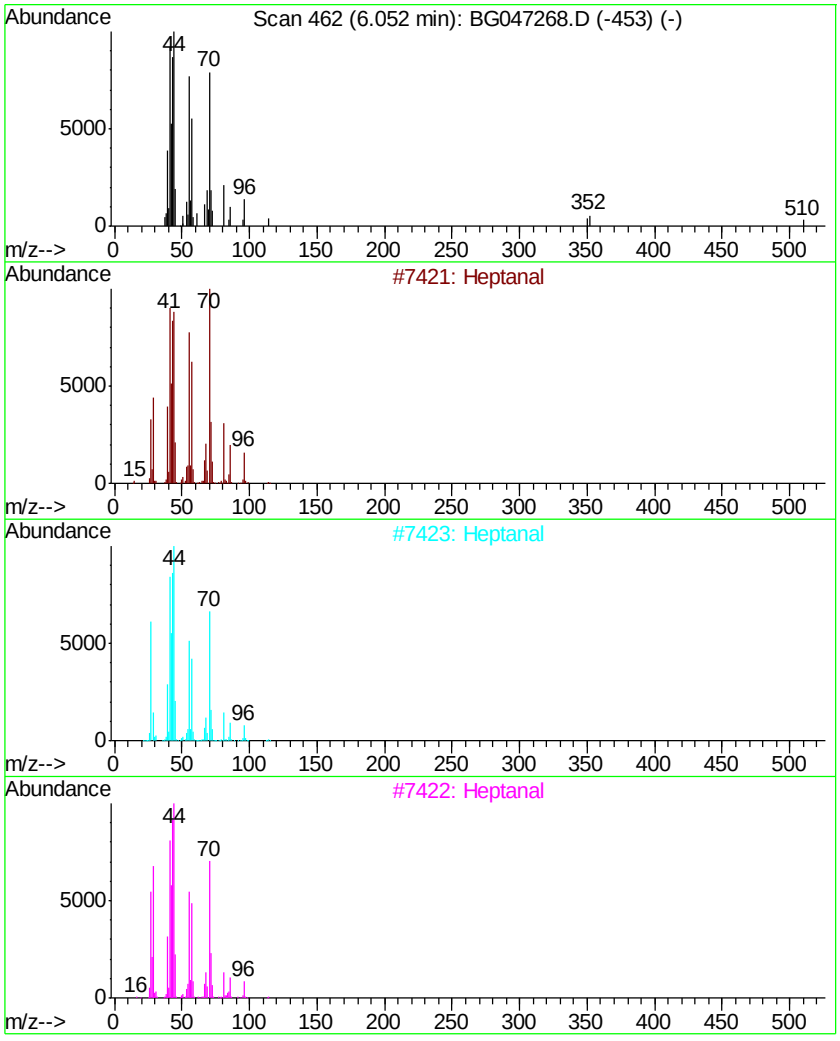
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

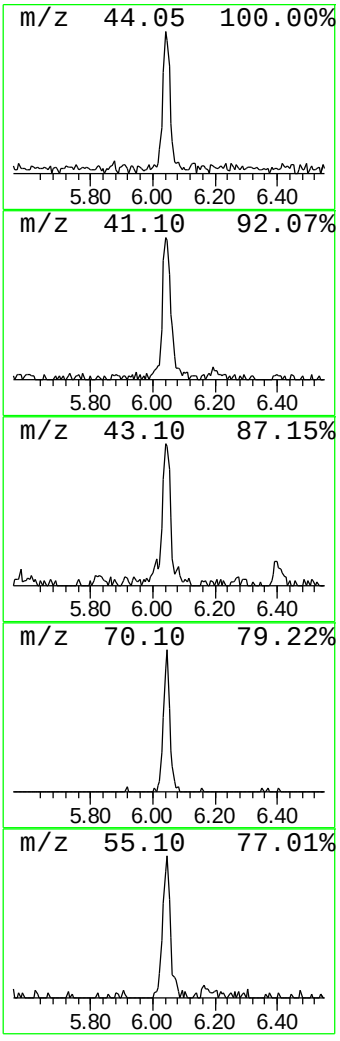
****

Peak Number 5 Heptanal Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.05	5.60 ng/ul	99770	1,4-Dichlorobenzene-d4	8.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptanal	114	C7H14O	000111-71-7	83
2	Heptanal	114	C7H14O	000111-71-7	83
3	Heptanal	114	C7H14O	000111-71-7	83
4	Heptanal	114	C7H14O	000111-71-7	83
5	Heptanal	114	C7H14O	000111-71-7	80





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Acq On : 10 Nov 2020 12:49
Operator : CG/JU
Sample : L4649-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CB7Y8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION

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

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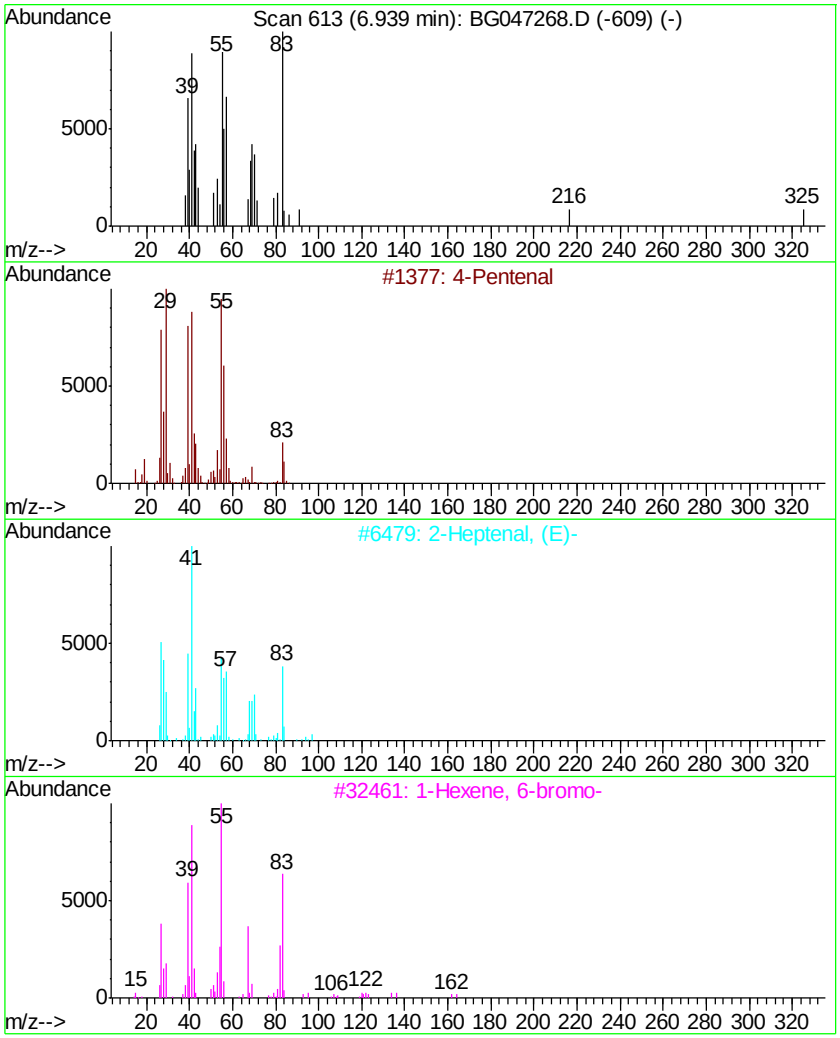
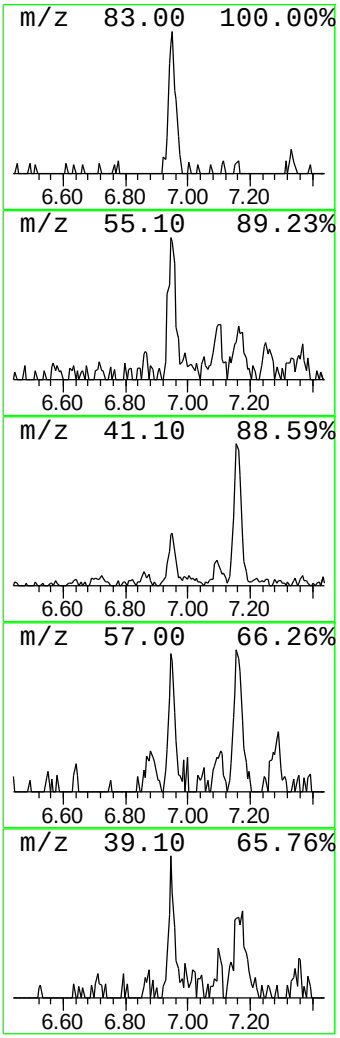
Peak Number 6 4-Pentenal Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.94	2.15 ng/ul	38295	1,4-Dichlorobenzene-d4	8.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Pentenal	84	C5H8O	002100-17-6	64
2	2-Heptenal, (E)-	112	C7H12O	018829-55-5	64
3	1-Hexene, 6-bromo-	162	C6H11Br	002695-47-8	50
4	6-Oxabicyclo[3.1.0]hexane	84	C5H8O	000285-67-6	45
5	1-Hexene, 4-methyl-	98	C7H14	003769-23-1	40





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ClientSampleId : CB7Y8

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Quant Title : SVOA CALIBRATION

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

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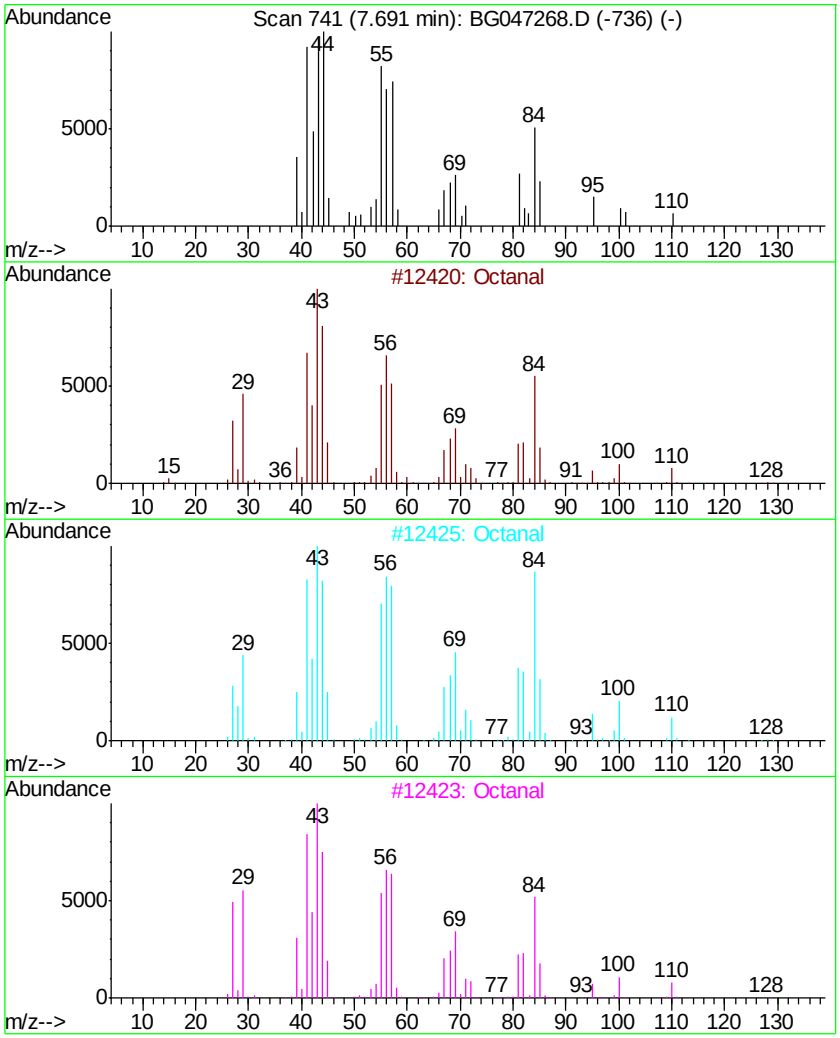
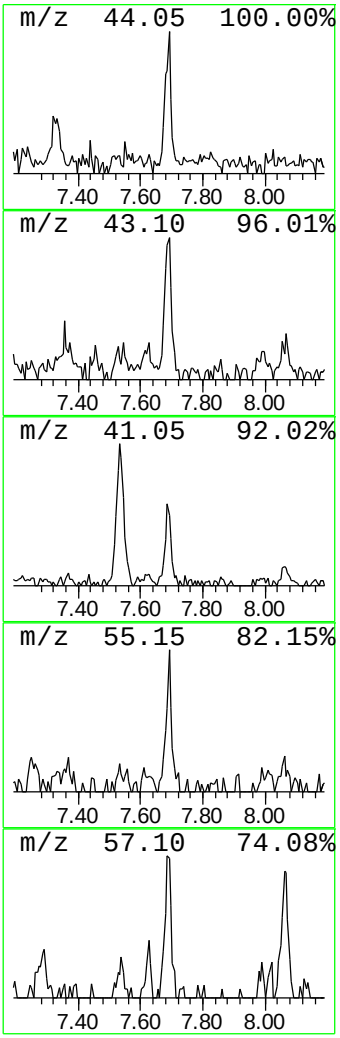
Peak Number 7 Octanal Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.69	2.53 ng/ul	45054	1,4-Dichlorobenzene-d4	8.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octanal	128	C8H16O	000124-13-0	72
2	Octanal	128	C8H16O	000124-13-0	64
3	Octanal	128	C8H16O	000124-13-0	50
4	1,2-Cyclopentanediol, trans-	102	C5H10O2	005057-99-8	47
5	Pentanal, 3-methyl-	100	C6H12O	015877-57-3	38





Library Search Compound Report

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Sample : L4649-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CB7Y8

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Quant Title : SVOA CALIBRATION

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

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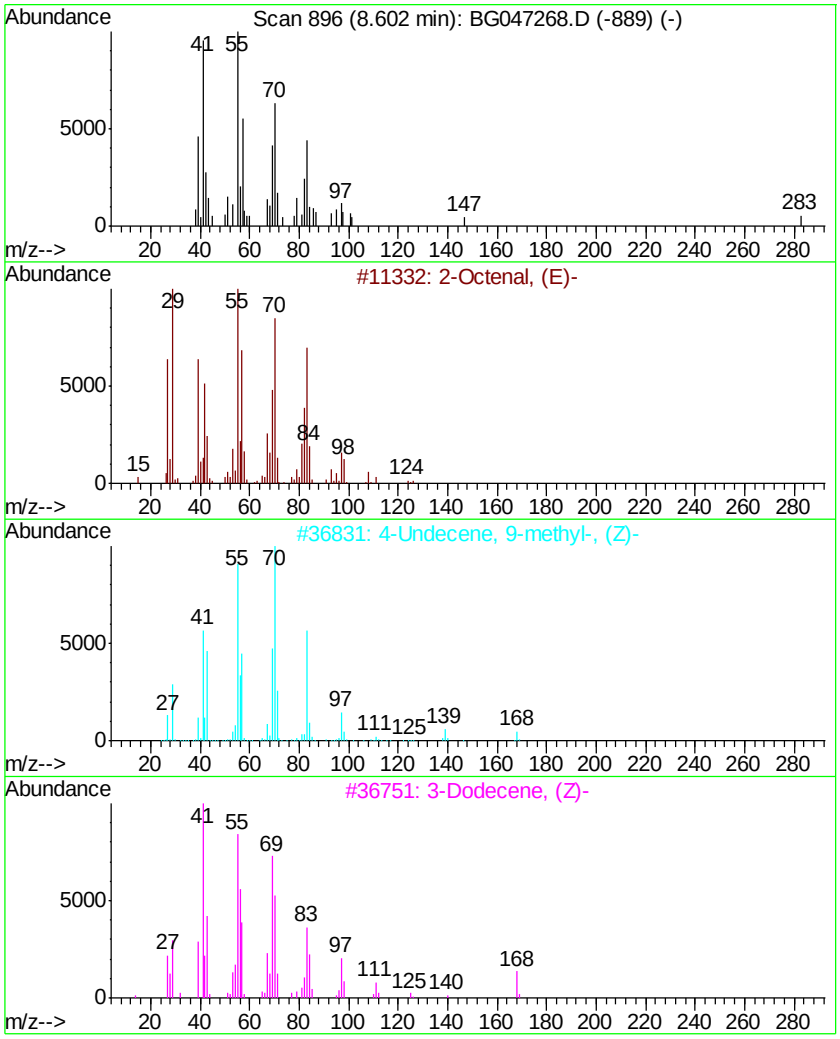
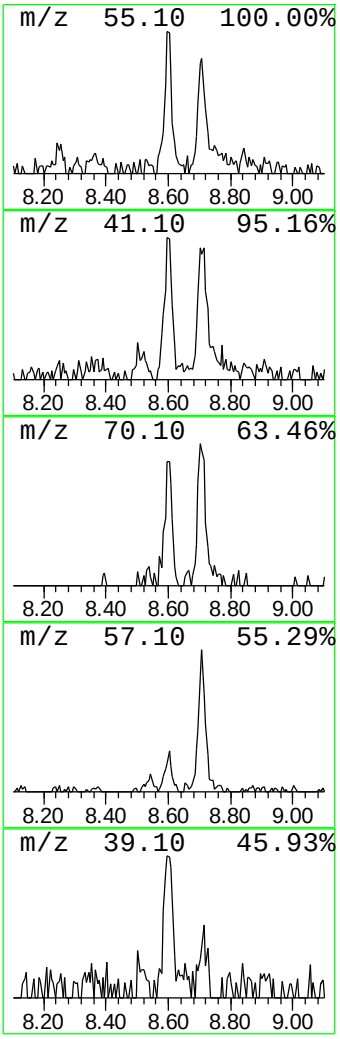
Peak Number 8 2-Octenal, (E)- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.60	2.56 ng/ul	45591	1,4-Dichlorobenzene-d4	8.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Octenal, (E)-	126	C8H14O	002548-87-0	53
2	4-Undecene, 9-methyl-, (Z)-	168	C12H24	074630-56-1	53
3	3-Dodecene, (Z)-	168	C12H24	007239-23-8	50
4	5-Undecene, 3-methyl-, (Z)-	168	C12H24	074630-64-1	50
5	3-Dodecene, (Z)-	168	C12H24	007239-23-8	50





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Operator : CG/JU
Sample : L4649-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CB7Y8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION

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

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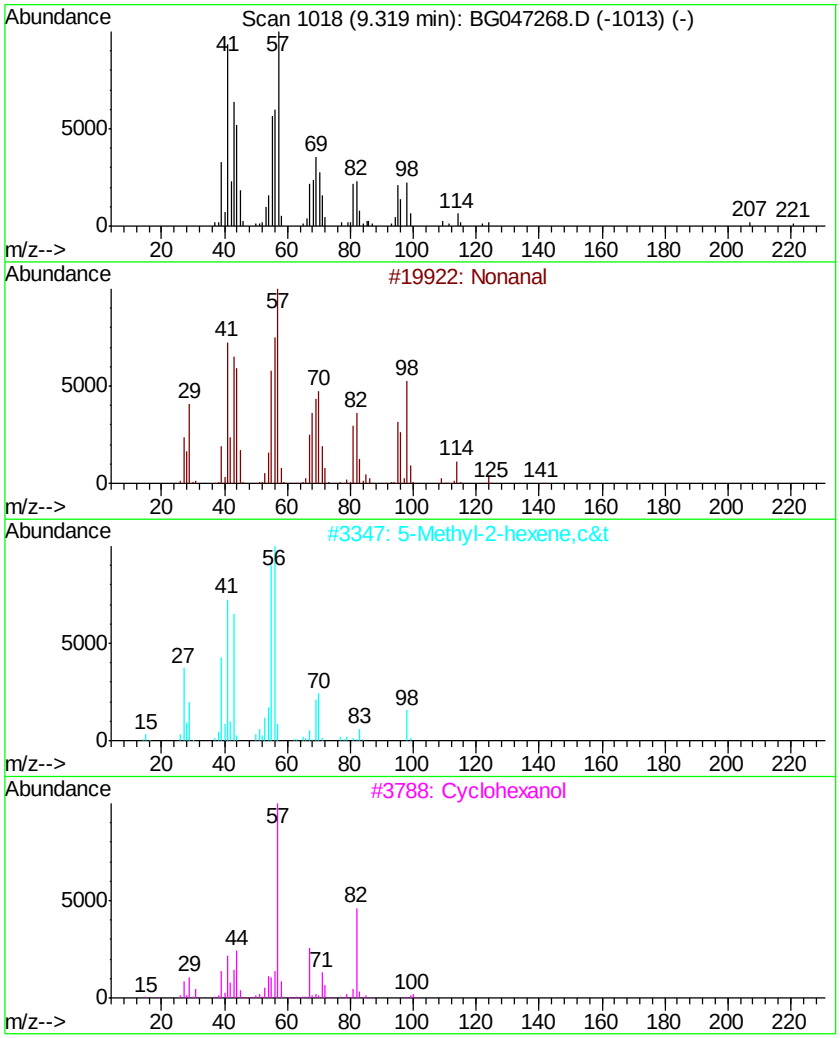
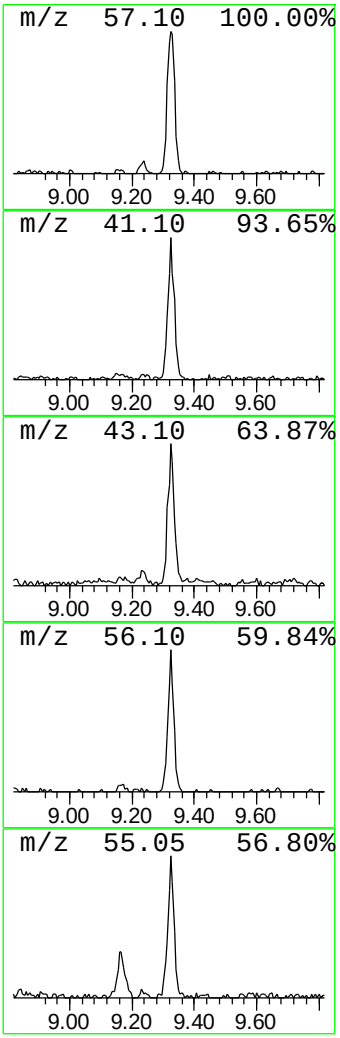
Peak Number 9 Nonanal Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.32	10.95 ng/ul	195109	1,4-Dichlorobenzene-d4	8.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonanal	142	C9H18O	000124-19-6	83
2	5-Methyl-2-hexene,c&t	98	C7H14	003404-62-4	27
3	Cyclohexanol	100	C6H12O	000108-93-0	27
4	2-Nonen-1-ol, (E)-	142	C9H18O	031502-14-4	27
5	(Z)-3-Heptene	98	C7H14	007642-10-6	25





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Sample : L4649-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CB7Y8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION

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

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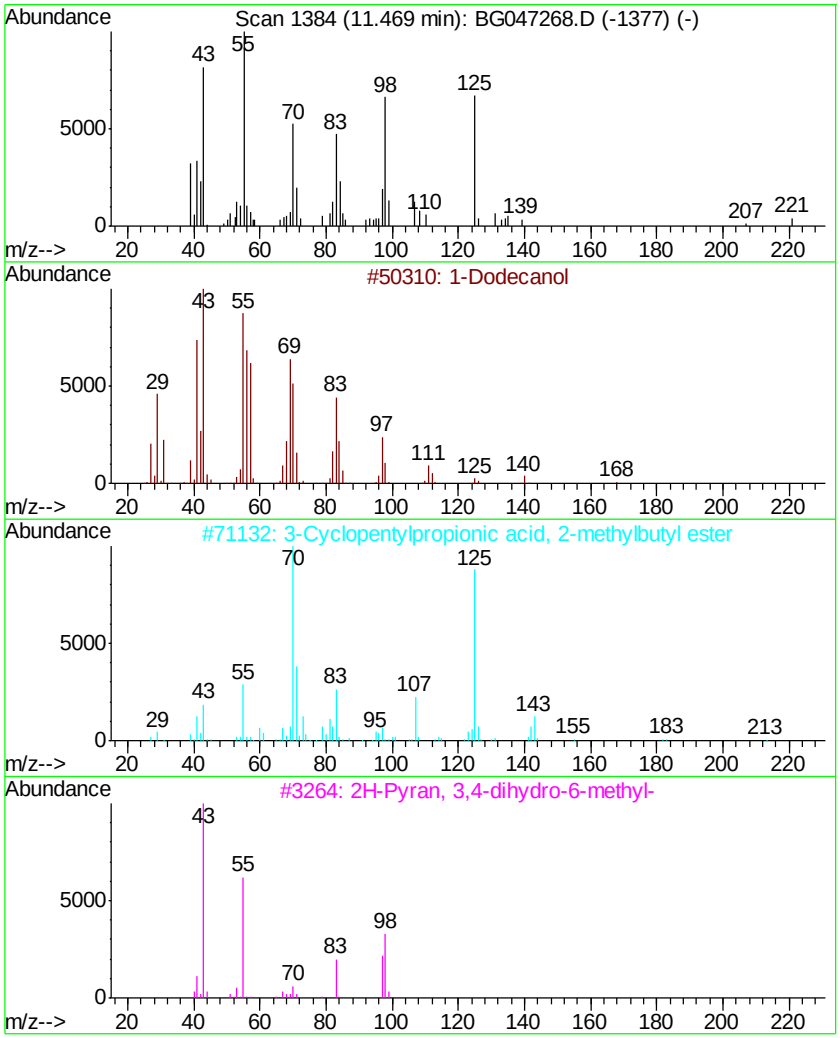
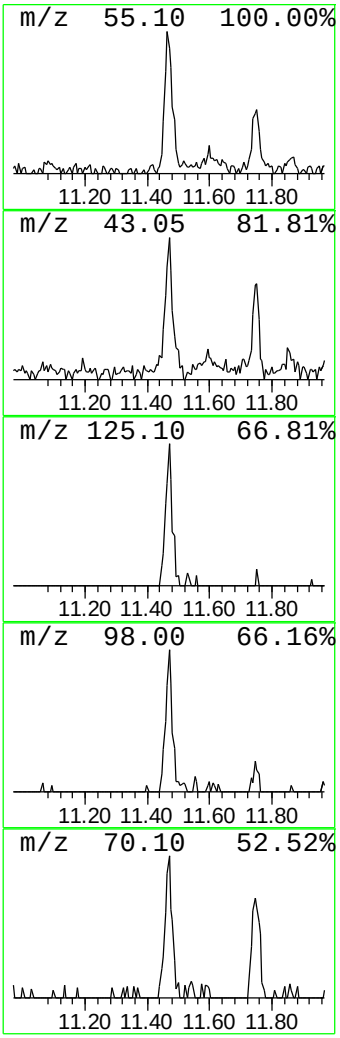
Peak Number 10 unknown-02 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.47	2.77 ng/ul	70284	Naphthalene-d8	10.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Dodecanol	186	C12H26O	000112-53-8	43
2	3-Cyclopentylpropionic acid, 2-m...	212	C13H24O2	1000331-24-1	35
3	2H-Pyran, 3,4-dihydro-6-methyl-	98	C6H10O	016015-11-5	35
4	Furan, 2,3-dihydro-2,5-dimethyl-	98	C6H10O	017108-52-0	27
5	Cyclohexanone, 2-(1-methylethyl)-	140	C9H16O	001004-77-9	22





Library Search Compound Report

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Acq On : 10 Nov 2020 12:49
Operator : CG/JU
Sample : L4649-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CB7Y8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION

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

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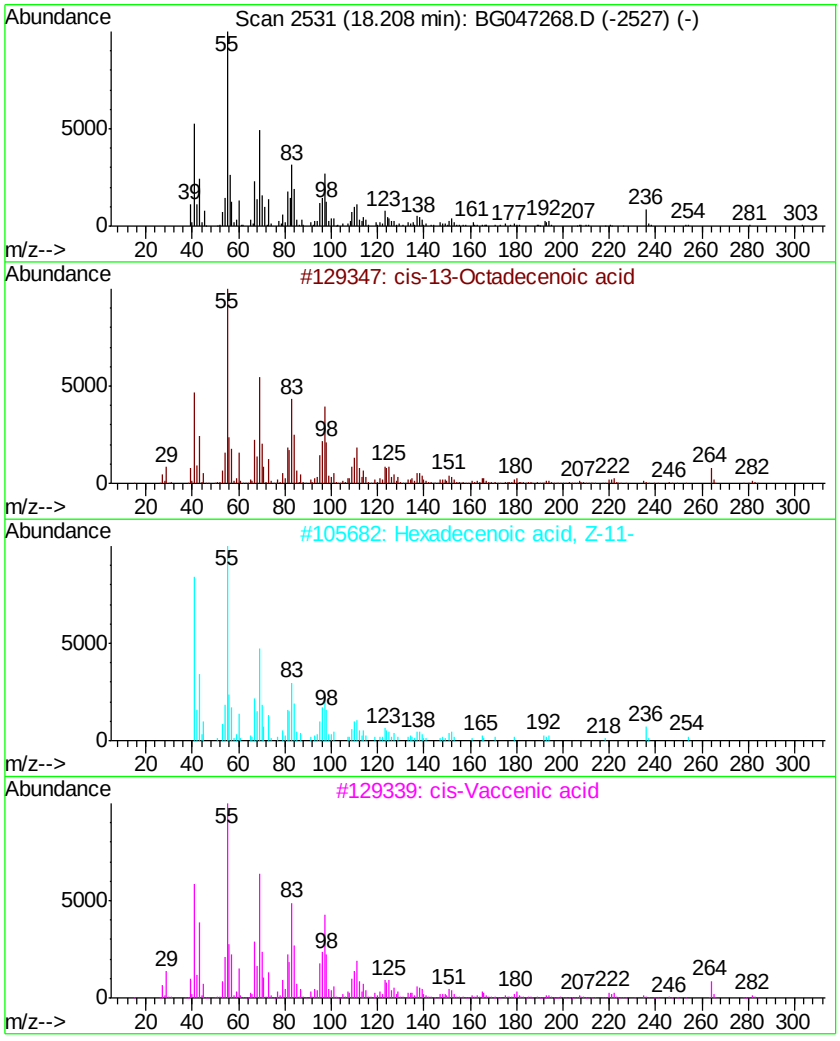
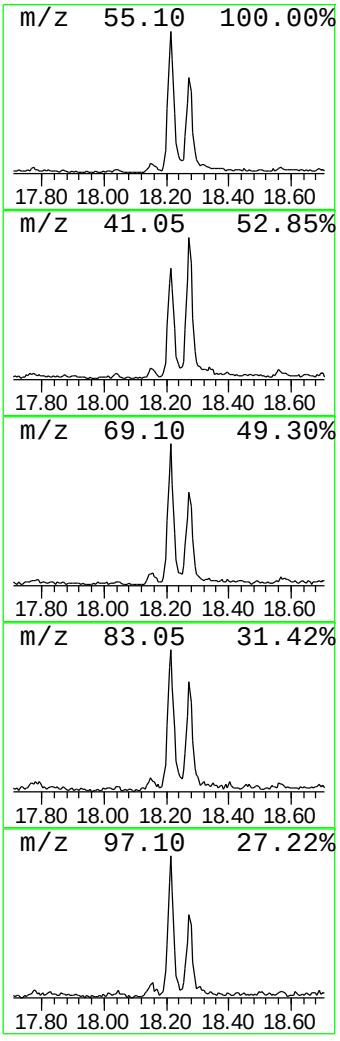
Peak Number 11 cis-13-Octadecenoic acid Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.21	14.59 ng/ul	663456	Phenanthrene-d10	17.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	cis-13-Octadecenoic acid	282	C18H34O2	013126-39-1	87
2	Hexadecenoic acid, Z-11-	254	C16H30O2	002416-20-8	87
3	cis-Vaccenic acid	282	C18H34O2	000506-17-2	87
4	9-Hexadecenoic acid	254	C16H30O2	002091-29-4	87
5	trans-13-Octadecenoic acid	282	C18H34O2	000693-71-0	86





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Operator : CG/JU
Sample : L4649-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CB7Y8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION

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

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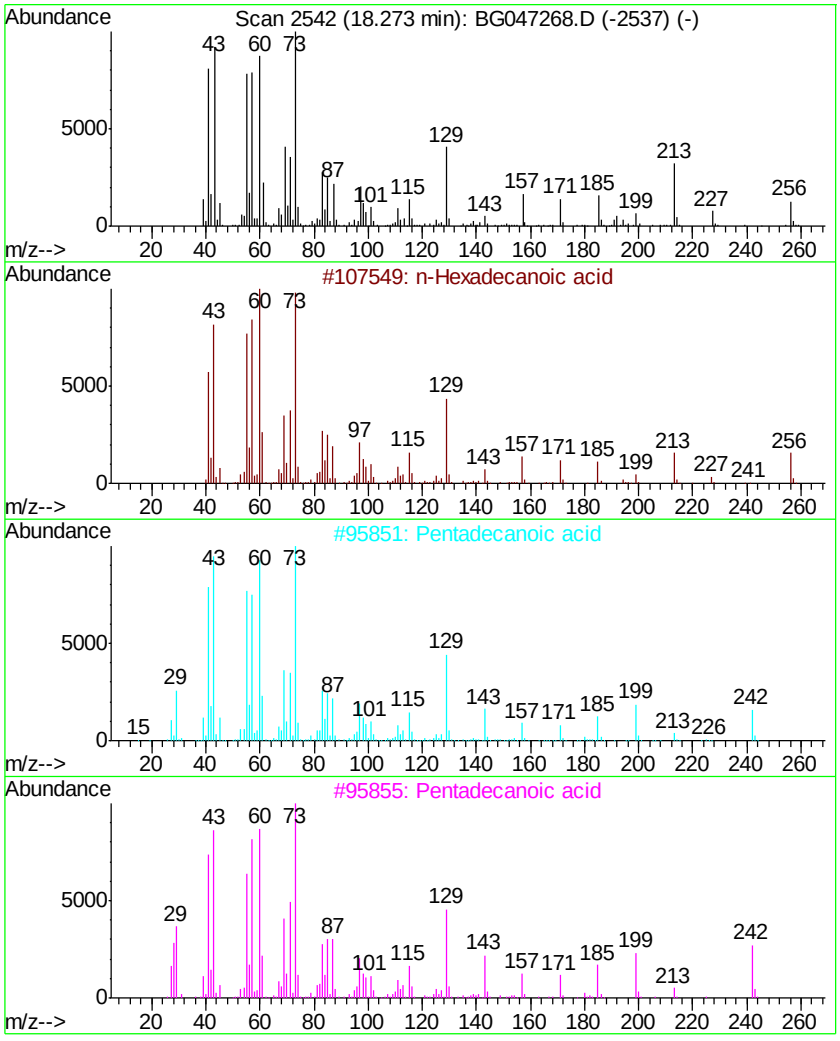
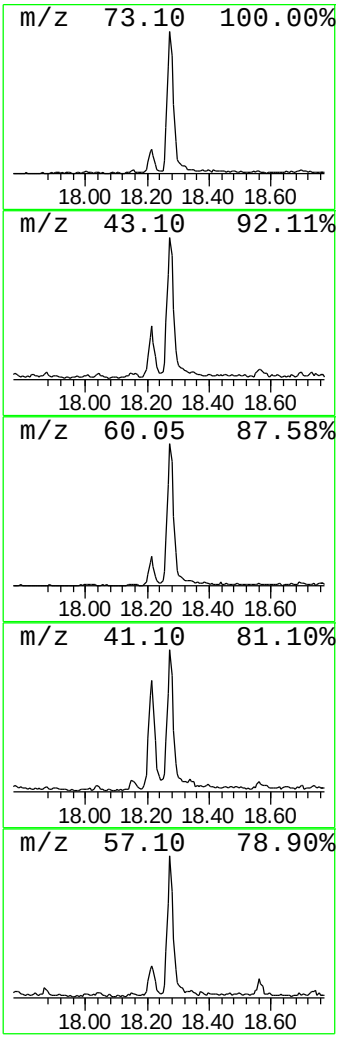
Peak Number 12 n-Hexadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.27	17.75 ng/ul	807407	Phenanthrene-d10	17.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	83
4	Tridecanoic acid	214	C13H26O2	000638-53-9	80
5	Tridecanoic acid	214	C13H26O2	000638-53-9	74





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Sample : L4649-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CB7Y8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION

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

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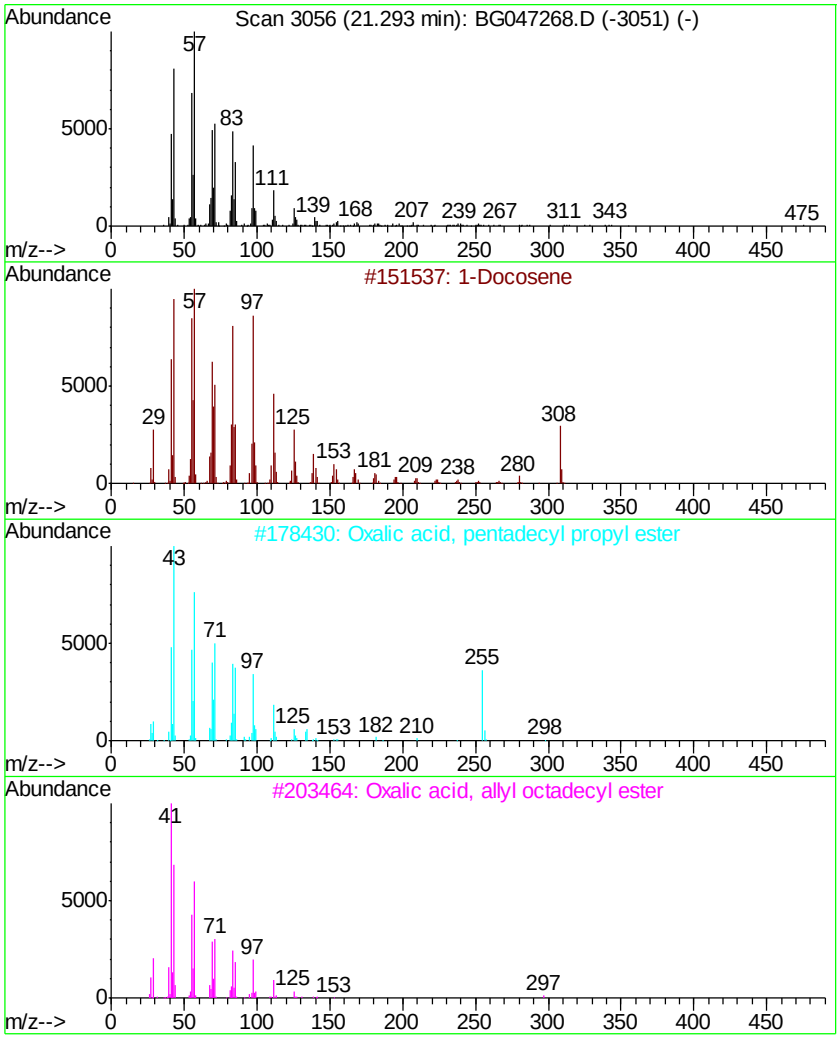
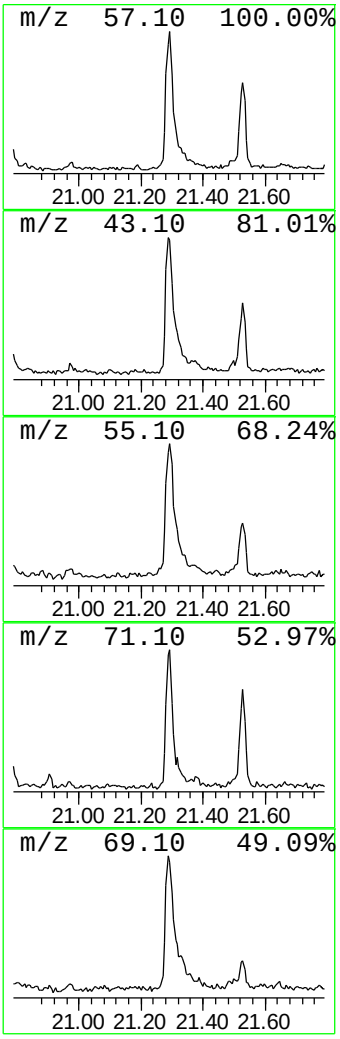
Peak Number 13 (DEL) Alkane: Straight-Chai... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.29	8.42 ng/ul	600750	Chrysene-d12	21.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Docosene	308	C22H44	001599-67-3	93
2	Oxalic acid, pentadecyl propyl e...	342	C20H38O4	1000309-26-8	91
3	Oxalic acid, allyl octadecyl ester	382	C23H42O4	1000309-24-5	91
4	Oxalic acid, isobutyl heptadecyl...	384	C23H44O4	1000309-38-2	91
5	Oxalic acid, isobutyl hexadecyl ...	370	C22H42O4	1000309-38-1	91





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Sample : L4649-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CB7Y8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION

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

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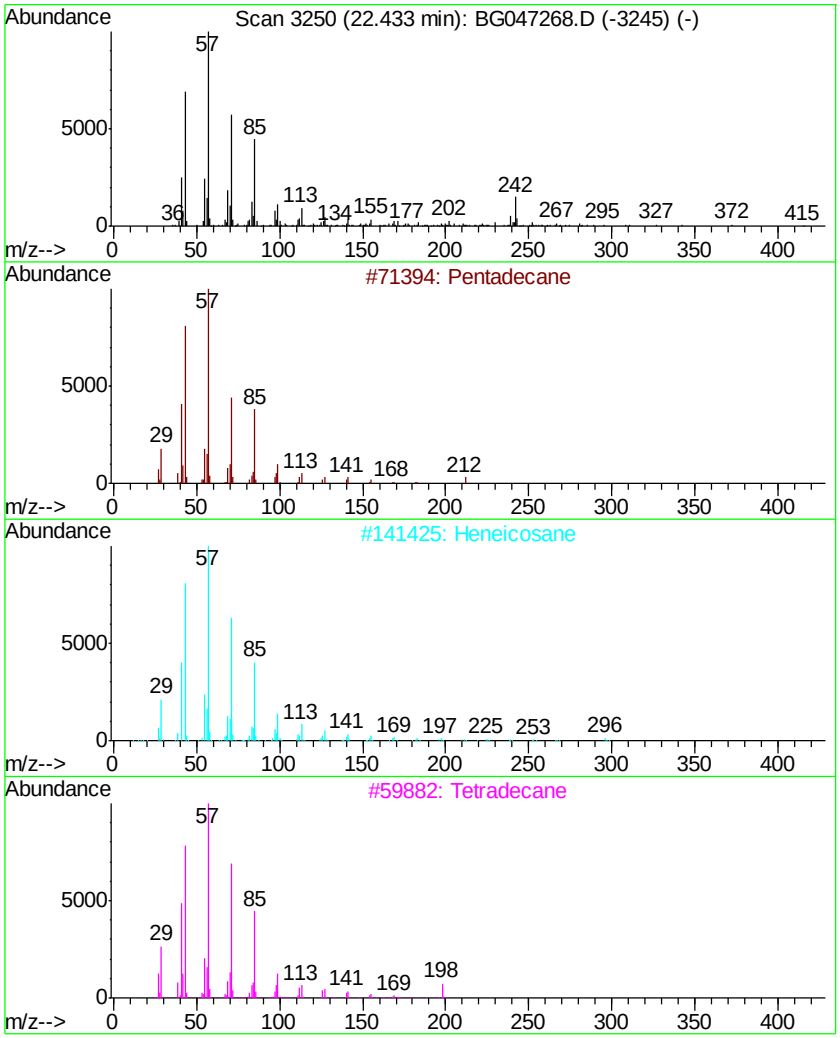
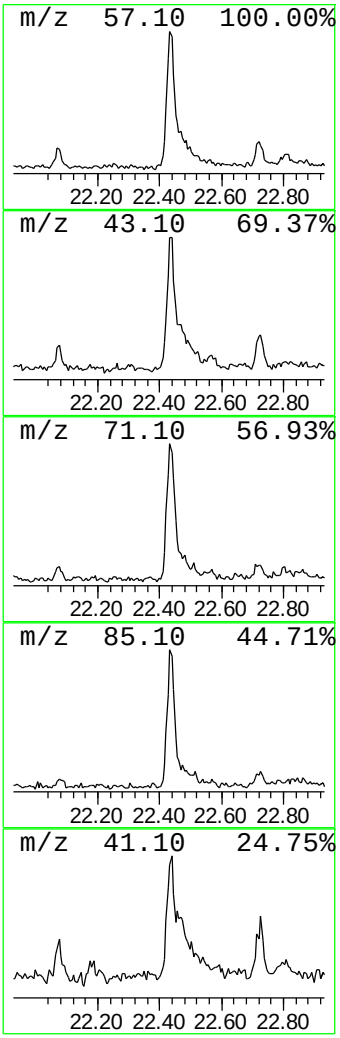
Peak Number 14 (DEL) Alkane: Straight-Chai... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.43	5.21 ng/ul	372114	Chrysene-d12	21.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	91
2	Heneicosane	296	C21H44	000629-94-7	87
3	Tetradecane	198	C14H30	000629-59-4	87
4	Octacosane	394	C28H58	000630-02-4	87
5	Eicosane	282	C20H42	000112-95-8	87





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Instrument : BNA_G
ClientSampleId : CB7Y8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION

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

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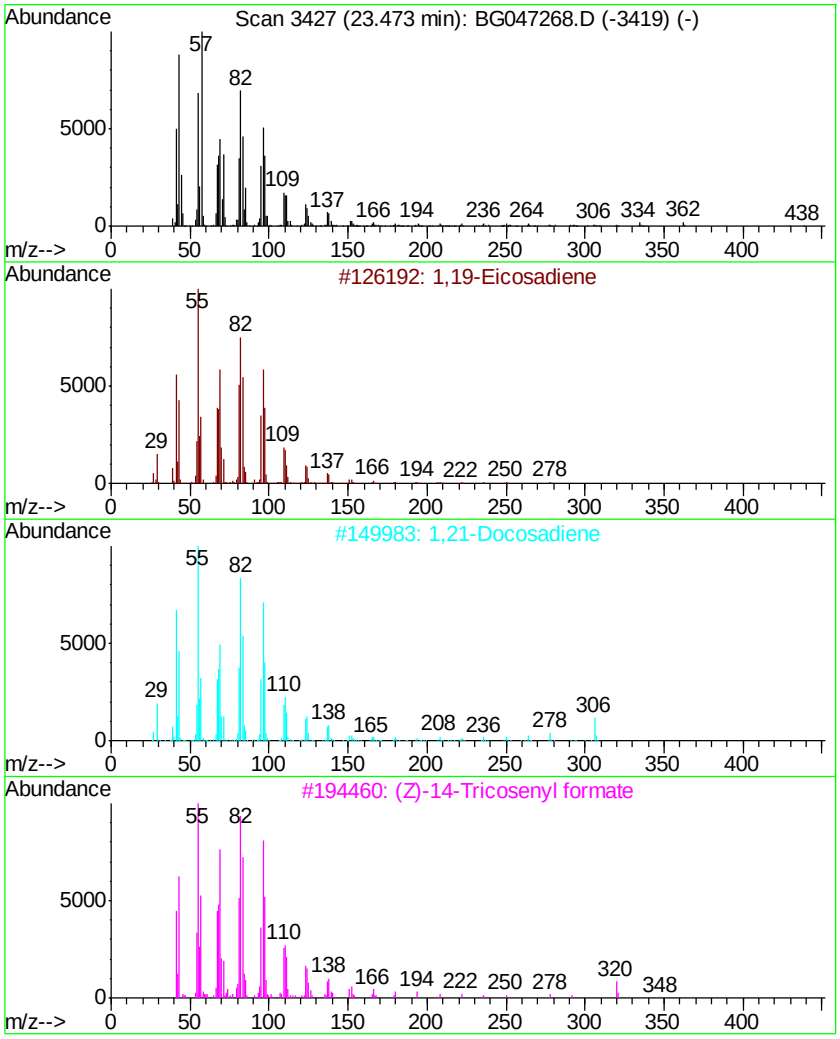
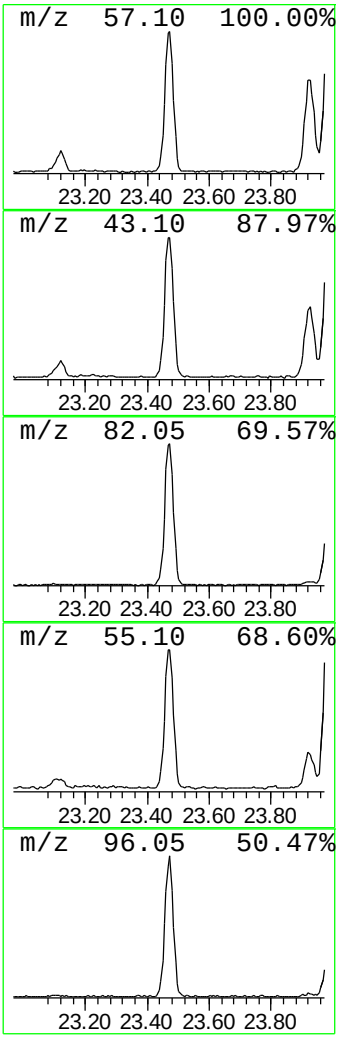
Peak Number 15 1,19-Eicosadiene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.47	43.13 ng/ul	2341780	Perylene-d12	24.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,19-Eicosadiene	278	C20H38	014811-95-1	95
2	1,21-Docosadiene	306	C22H42	053057-53-7	93
3	(Z)-14-Tricosenyl formate	366	C24H46O2	077899-10-6	93
4	Bicyclo[10.8.0]eicosane, (E)-	278	C20H38	1000155-85-0	91
5	Oxirane, heptadecyl-	282	C19H38O	067860-04-2	91





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Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CB7Y8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION

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

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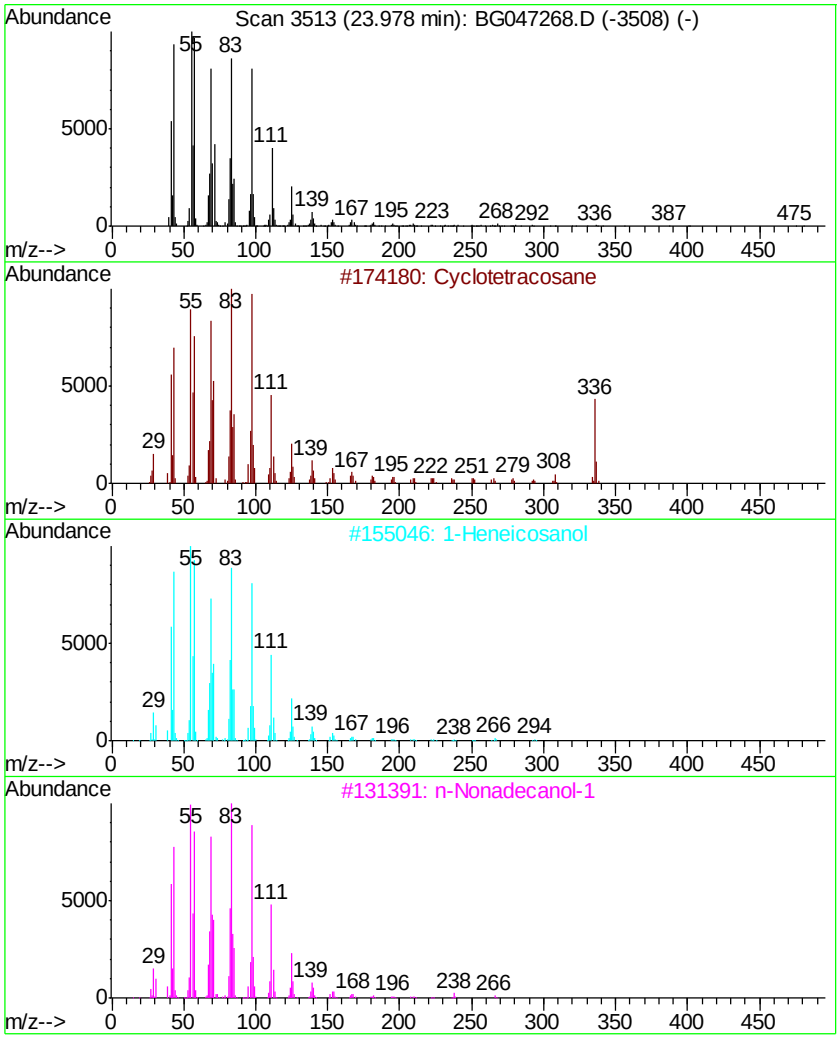
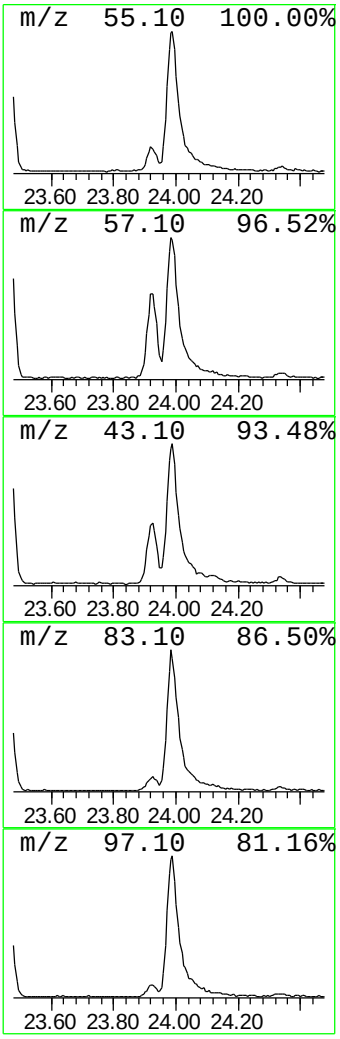
Peak Number 16 (DEL) Alkane: Cyclic23.98 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.98	73.64 ng/ul	3998200	Perylene-d12	24.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotetracosane	336	C24H48	000297-03-0	98
2	1-Heneicosanol	312	C21H44O	015594-90-8	94
3	n-Nonadecanol-1	284	C19H40O	001454-84-8	91
4	n-Tetracosanol-1	354	C24H50O	000506-51-4	91
5	Bromoacetic acid, hexadecyl ester	362	C18H35BrO2	005454-48-8	87





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Operator : CG/JU
Sample : L4649-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CB7Y8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION

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

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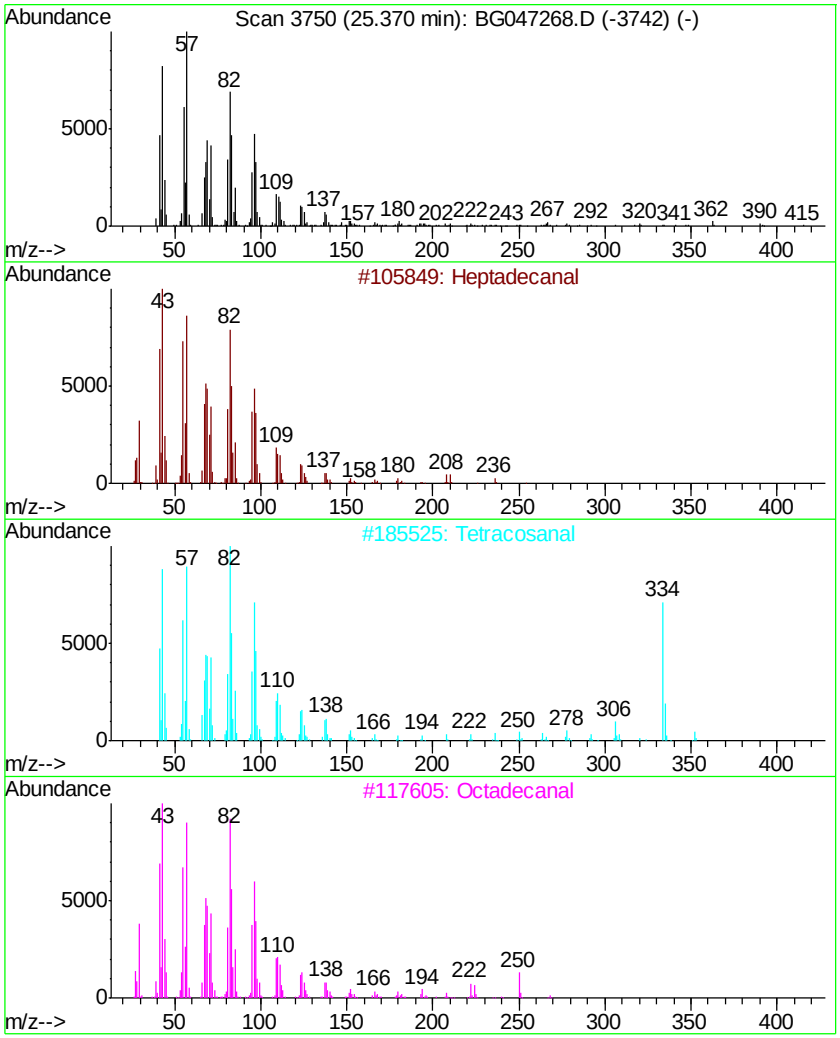
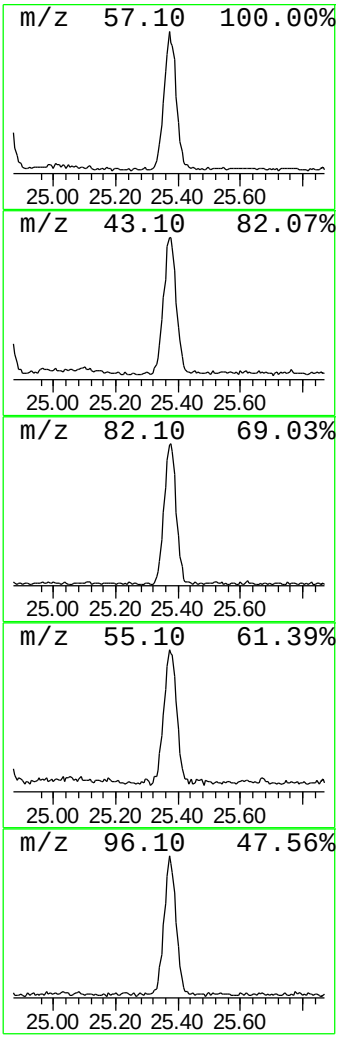
Peak Number 17 Heptadecanal Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.37	25.01 ng/ul	1357700	Perylene-d12	24.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecanal	254	C17H34O	1000376-70-0	94
2	Tetracosanal	352	C24H48O	057866-08-7	91
3	Octadecanal	268	C18H36O	000638-66-4	91
4	Octadecanal	268	C18H36O	000638-66-4	91
5	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111020\
Data File : BG047268.D
Acq On : 10 Nov 2020 12:49
Operator : CG/JU
Sample : L4649-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CB7Y8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION

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

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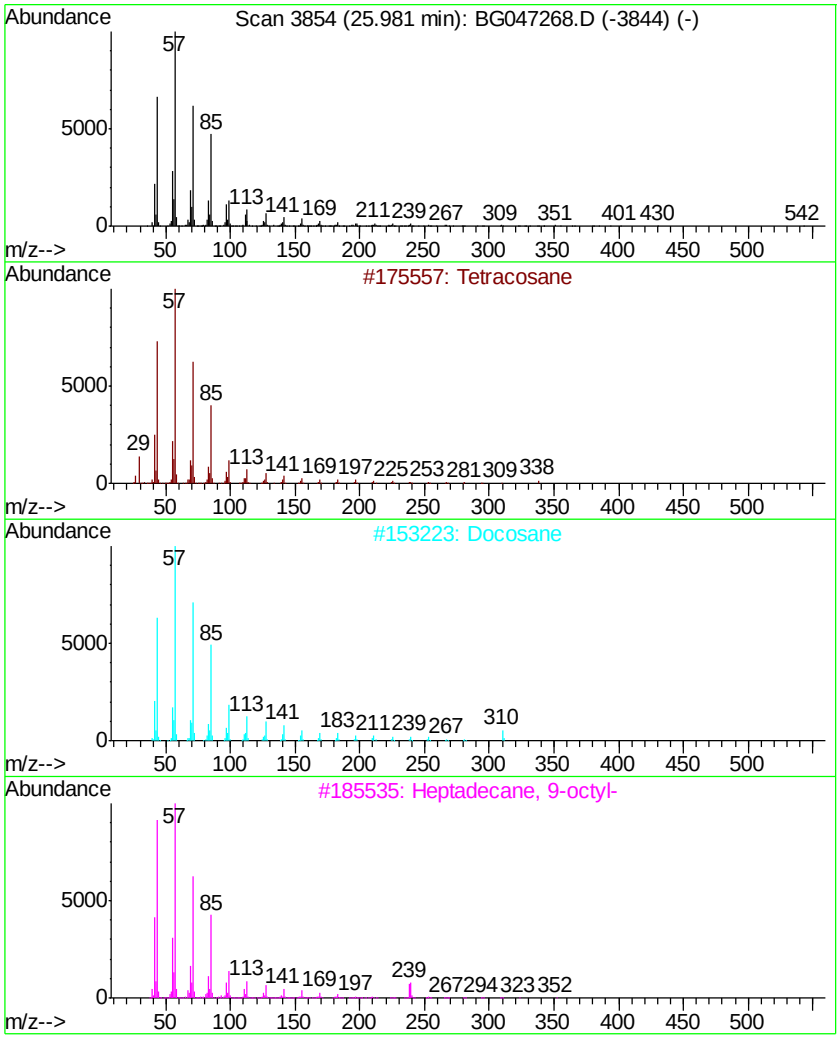
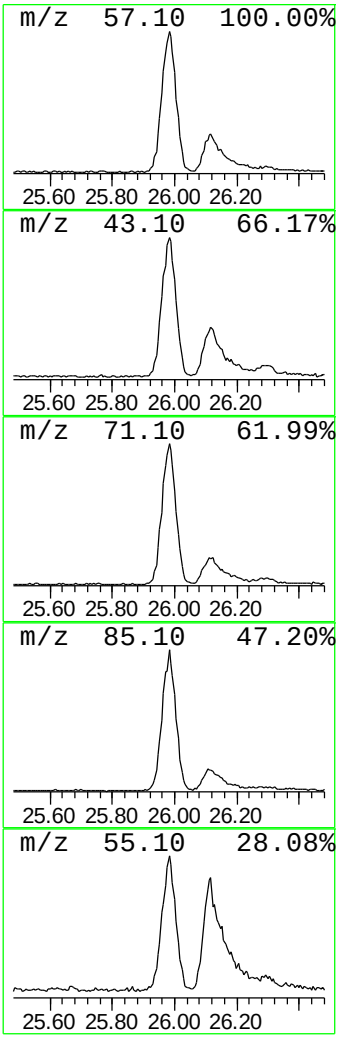
Peak Number 18 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.98	36.97 ng/ul	2007300	Perylene-d12	24.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	96
2	Docosane	310	C22H46	000629-97-0	93
3	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
4	Octacosane	394	C28H58	000630-02-4	91
5	Heptacosane	380	C27H56	000593-49-7	91





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111020\
Data File : BG047268.D
Acq On : 10 Nov 2020 12:49
Operator : CG/JU
Sample : L4649-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CB7Y8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION

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

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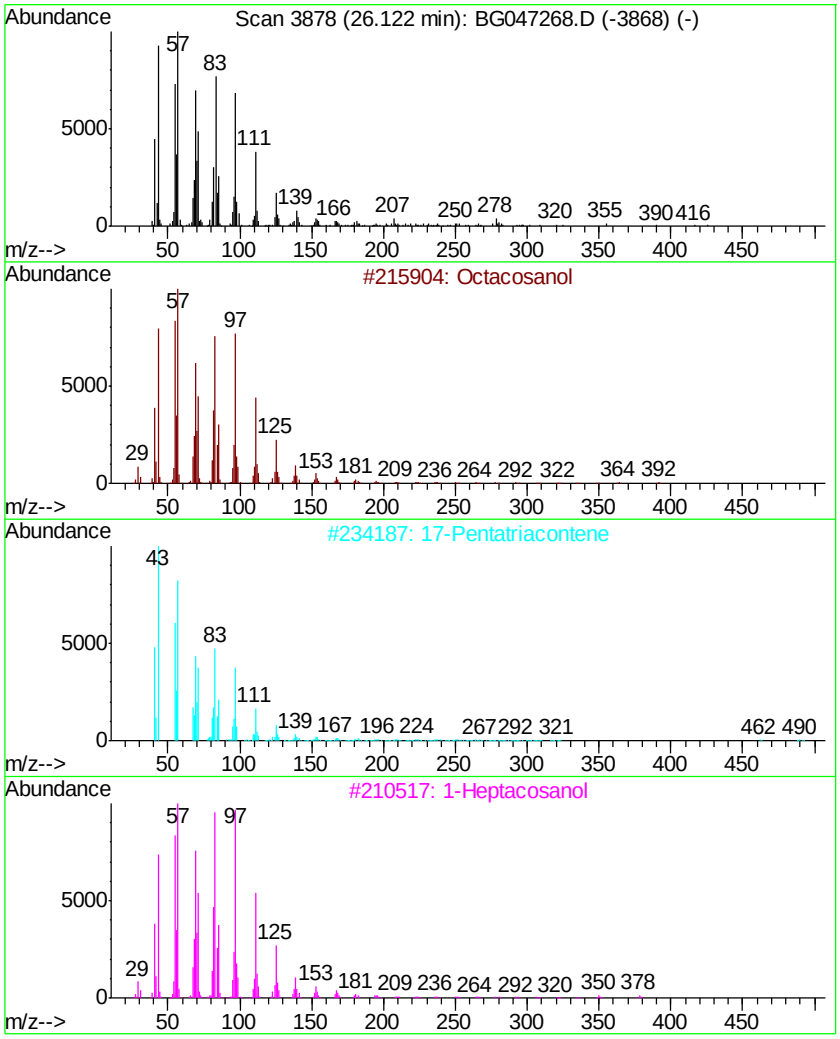
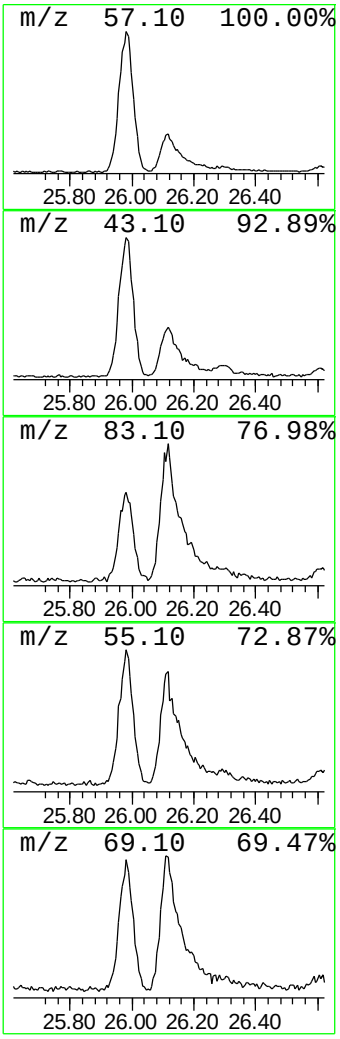
Peak Number 19 Octacosanol Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.12	27.29 ng/ul	1481420	Perylene-d12	24.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosanol	410	C28H58O	000557-61-9	94
2	17-Pentatriacontene	491	C35H70	006971-40-0	91
3	1-Heptacosanol	396	C27H56O	002004-39-9	91
4	n-Tetracosanol-1	354	C24H50O	000506-51-4	90
5	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	87





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111020\
Data File : BG047268.D
Acq On : 10 Nov 2020 12:49
Operator : CG/JU
Sample : L4649-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CB7Y8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION

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

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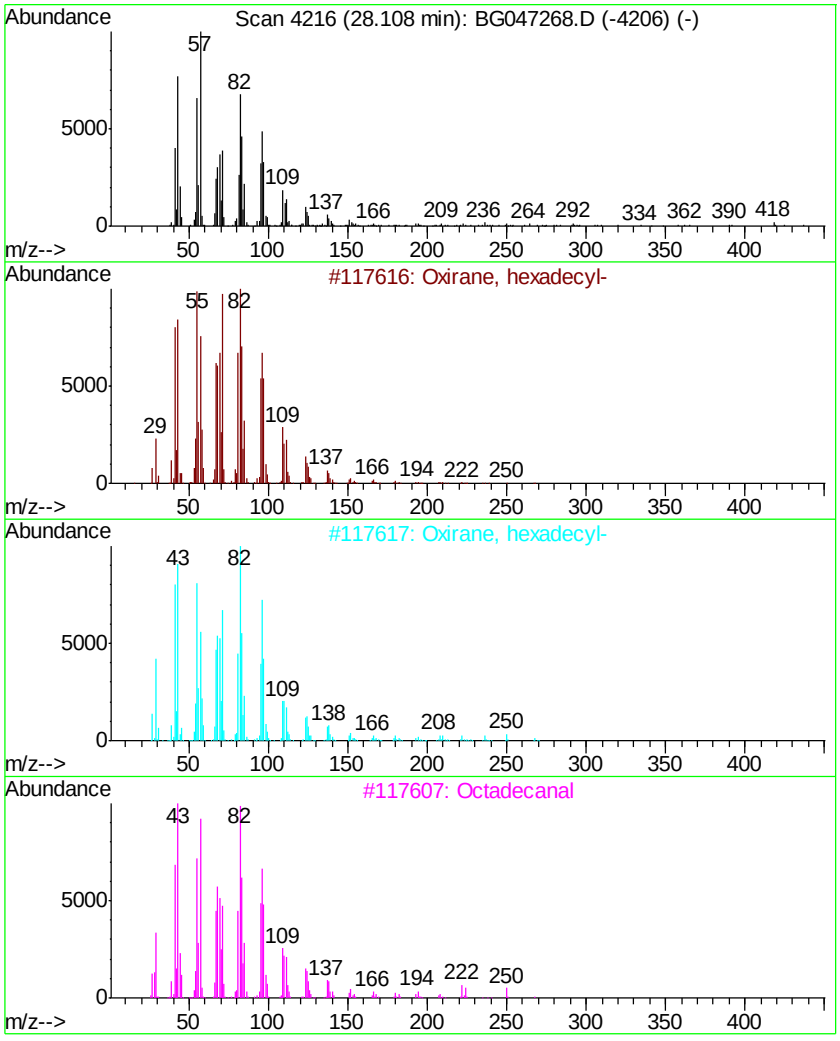
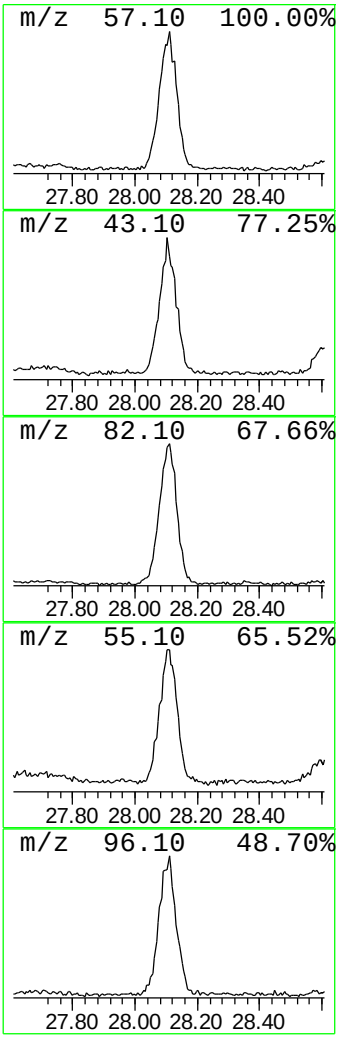
Peak Number 20 Oxirane, hexadecyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
28.11	29.89 ng/ul	1622610	Perylene-d12	24.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	91
2	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	91
3	Octadecanal	268	C18H36O	000638-66-4	80
4	(R)-(-)-(Z)-14-Methyl-8-hexadece...	254	C17H34O	030689-78-2	78
5	1,19-Eicosadiene	278	C20H38	014811-95-1	76





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG111020\
Data File : BG047268.D
Acq On : 10 Nov 2020 12:49
Operator : CG/JU
Sample : L4649-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CB7Y8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.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: Str...	4.38	3.4	ng/ul	61205	1	8.01	356470	20.0
Hexanal	4.52	5.5	ng/ul	97619	1	8.01	356470	20.0
(DEL) Alkane: Str...	4.80	2.5	ng/ul	44037	1	8.01	356470	20.0
unknown-01	5.31	3.3	ng/ul	58593	1	8.01	356470	20.0
Heptanal	6.05	5.6	ng/ul	99770	1	8.01	356470	20.0
4-Pentenal	6.94	2.1	ng/ul	38295	1	8.01	356470	20.0
Octanal	7.69	2.5	ng/ul	45054	1	8.01	356470	20.0
2-Octenal, (E)-	8.60	2.6	ng/ul	45591	1	8.01	356470	20.0
Nonanal	9.32	10.9	ng/ul	195109	1	8.01	356470	20.0
unknown-02	11.47	2.8	ng/ul	70284	2	10.82	507713	20.0
cis-13-Octadeceno...	18.21	14.6	ng/ul	663456	4	17.39	909678	20.0
n-Hexadecanoic acid	18.27	17.8	ng/ul	807407	4	17.39	909678	20.0
(DEL) Alkane: Str...	21.29	8.4	ng/ul	600750	5	21.65	1427610	20.0
(DEL) Alkane: Str...	22.43	5.2	ng/ul	372114	5	21.65	1427610	20.0
1,19-Eicosadiene	23.47	43.1	ng/ul	2341780	6	24.84	1085810	20.0
(DEL) Alkane: Cyc...	23.98	73.6	ng/ul	3998200	6	24.84	1085810	20.0
Heptadecanal	25.37	25.0	ng/ul	1357700	6	24.84	1085810	20.0
(DEL) Alkane: Str...	25.98	37.0	ng/ul	2007300	6	24.84	1085810	20.0
Octacosanol	26.12	27.3	ng/ul	1481420	6	24.84	1085810	20.0
Oxirane, hexadecyl-	28.11	29.9	ng/ul	1622610	6	24.84	1085810	20.0