LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG102315\
Data File : BG019344.D
Acq On : 24 Oct 2015 20:22
Operator : UM/NP
Sample : G4058-12
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LS0

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:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102315.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	2.985	21	25	28	rVB3	7103	9272	0.79%	0.061%
2	3.209	57	63	72	rBV2	76741	156706	13.27%	1.032%
3	3.291	72	77	90	rVB	500163	749767	63.51%	4.935%
4	3.561	121	123	128	rBV2	3650	4608	0.39%	0.030%
5	4.113	214	217	223	rVB3	4371	7095	0.60%	0.047%
6	4.190	227	230	235	rBV3	2116	3685	0.31%	0.024%
7	4.348	251	257	264	rBV	32818	48636	4.12%	0.320%
8	5.294	414	418	419	rBV	3417	3690	0.31%	0.024%
9	7.374	766	772	781	rVB2	87615	155369	13.16%	1.023%
10	7.550	796	802	812	rBV	74853	120905	10.24%	0.796%
11	7.762	830	838	846	rVB2	87499	156792	13.28%	1.032%
12	8.238	913	919	929	rVB2	164045	290773	24.63%	1.914%
13	8.461	954	957	962	rBV2	2140	4034	0.34%	0.027%
14	8.514	962	966	974	rVB4	6719	11619	0.98%	0.076%
15	8.667	987	992	996	rBV4	3246	5924	0.50%	0.039%
16	8.784	1008	1012	1016	rBV5	3237	5305	0.45%	0.035%
17	8.931	1031	1037	1046	rVV	100404	173365	14.68%	1.141%
18	9.002	1046	1049	1056	rVB4	5884	9023	0.76%	0.059%
19	9.331	1100	1105	1106	rBV2	4403	6070	0.51%	0.040%
20	9.407	1111	1118	1126	rVB	104462	173619	14.71%	1.143%
21	9.801	1184	1185	1191	rVB4	5062	5492	0.47%	0.036%
22	10.006	1217	1220	1223	rBV2	2923	3957	0.34%	0.026%
23	10.136	1235	1242	1250	rBV2	94366	172199	14.59%	1.134%
24	10.218	1250	1256	1258	rBV2	6702	11392	0.96%	0.075%
25	10.330	1270	1275	1282	rVB4	6107	11729	0.99%	0.077%
26	10.459	1293	1297	1298	rBV3	5197	6100	0.52%	0.040%
27	10.518	1304	1307	1312	rVB3	7345	10941	0.93%	0.072%
28	10.676	1327	1334	1341	rVB	127691	223321	18.92%	1.470%
29	10.764	1344	1349	1350	rBV2	2538	3594	0.30%	0.024%
30	10.911	1365	1374	1377	rBV5	9587	19922	1.69%	0.131%
31	10.958	1377	1382	1389	rVV3	16575	30512	2.58%	0.201%
32	11.070	1393	1401	1407	rVV	229012	418160	35.42%	2.753%
33	11.117	1407	1409	1413	rVV	3925	4605	0.39%	0.030%
34	11.193	1416	1422	1431	rBV2	44215	84382	7.15%	0.555%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG102315\
Data File : BG019344.D
Acq On : 24 Oct 2015 20:22
Operator : UM/NP
Sample : G4058-12
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LS0

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:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102315.M
Title : SVOA CALIBRATION

35	11.311	1439	1442	1444	rBV	3328	3962	0.34%	0.026%
36	11.399	1451	1457	1461	rBV4	6436	13191	1.12%	0.087%
37	11.493	1471	1473	1477	rVB4	4494	4242	0.36%	0.028%
38	11.587	1483	1489	1492	rVB4	8073	14185	1.20%	0.093%
39	11.652	1495	1500	1507	rVB4	8937	17367	1.47%	0.114%
40	11.722	1507	1512	1516	rBV3	5276	8365	0.71%	0.055%
41	11.810	1522	1527	1532	rBV5	8461	16142	1.37%	0.106%
42	11.869	1532	1537	1543	rVB3	16032	28312	2.40%	0.186%
43	11.975	1551	1555	1557	rBV4	2474	3026	0.26%	0.020%
44	12.063	1564	1570	1576	rBV6	13092	23644	2.00%	0.156%
45	12.116	1576	1579	1583	rVB2	10445	13875	1.18%	0.091%
46	12.163	1583	1587	1589	rVB2	4032	5166	0.44%	0.034%
47	12.210	1589	1595	1604	rVB	50474	94039	7.97%	0.619%
48	12.286	1604	1608	1610	rBV2	6290	8159	0.69%	0.054%
49	12.368	1619	1622	1623	rBV2	3777	3404	0.29%	0.022%
50	12.433	1628	1633	1639	rVV8	6130	13178	1.12%	0.087%
51	12.568	1651	1656	1662	rVB6	16452	28894	2.45%	0.190%
52	12.627	1662	1666	1668	rBV3	4760	6532	0.55%	0.043%
53	12.715	1674	1681	1691	rBV3	16594	44099	3.74%	0.290%
54	12.868	1702	1707	1711	rBV5	8490	13817	1.17%	0.091%
55	12.915	1711	1715	1725	rVB8	12476	25230	2.14%	0.166%
56	12.997	1725	1729	1734	rBV5	11530	16507	1.40%	0.109%
57	13.050	1734	1738	1744	rBV8	11553	24719	2.09%	0.163%
58	13.120	1744	1750	1756	rVB2	76007	115735	9.80%	0.762%
59	13.350	1781	1789	1795	rVB	79617	129563	10.97%	0.853%
60	13.420	1798	1801	1802	rBV3	6764	5915	0.50%	0.039%
61	13.467	1806	1809	1816	rVB5	18768	29935	2.54%	0.197%
62	13.526	1816	1819	1820	rBV2	3365	4106	0.35%	0.027%
63	13.596	1822	1831	1835	rBV8	10536	26491	2.24%	0.174%
64	13.649	1836	1840	1848	rVB3	41308	64888	5.50%	0.427%
65	13.761	1856	1859	1865	rVB4	23134	39072	3.31%	0.257%
66	13.925	1881	1887	1892	rBV10	11256	24628	2.09%	0.162%
67	13.984	1893	1897	1901	rBV4	21767	30908	2.62%	0.203%
68	14.019	1901	1903	1905	rBV3	10038	10520	0.89%	0.069%
69	14.090	1913	1915	1916	rBV	6575	5136	0.44%	0.034%
70	14.196	1928	1933	1938	rBV3	85401	158103	13.39%	1.041%
71	14.254	1938	1943	1947	rVV	269852	401782	34.03%	2.645%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG102315\
Data File : BG019344.D
Acq On : 24 Oct 2015 20:22
Operator : UM/NP
Sample : G4058-12
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LS0

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:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102315.M
Title : SVOA CALIBRATION

72	14.301	1947	1951	1955	rVB	142380	196650	16.66%	1.294%
73	14.448	1972	1976	1982	rBV4	41461	65614	5.56%	0.432%
74	14.554	1989	1994	2002	rVB	274062	428605	36.30%	2.821%
75	14.666	2009	2013	2015	rBV5	14986	19225	1.63%	0.127%
76	14.860	2034	2046	2057	rBV2	414175	775748	65.71%	5.106%
77	14.989	2063	2068	2073	rBV	188188	305791	25.90%	2.013%
78	15.247	2107	2112	2119	rVB3	68622	121848	10.32%	0.802%
79	15.365	2129	2132	2133	rBV3	17614	17658	1.50%	0.116%
80	15.782	2198	2203	2208	rBV	393607	530121	44.90%	3.490%
81	15.847	2208	2214	2219	rBV	364410	559052	47.35%	3.680%
82	15.941	2226	2230	2235	rVB2	75845	112341	9.52%	0.740%
83	16.270	2281	2286	2293	rBV2	88047	138647	11.74%	0.913%
84	16.669	2350	2354	2358	rBV4	57360	80303	6.80%	0.529%
85	16.869	2383	2388	2397	rBV2	168148	280261	23.74%	1.845%
86	17.327	2463	2466	2471	rVB4	60407	92995	7.88%	0.612%
87	17.598	2505	2512	2517	rBV2	597650	1046964	88.68%	6.892%
88	17.697	2523	2529	2534	rBV	423899	682391	57.80%	4.492%
89	18.068	2589	2592	2597	rBV	69781	91790	7.77%	0.604%
90	18.244	2619	2622	2626	rVB	74557	82218	6.96%	0.541%
91	18.461	2655	2659	2664	rBV2	188895	263096	22.28%	1.732%
92	18.755	2706	2709	2713	rBV	115270	139221	11.79%	0.916%
93	19.378	2812	2815	2821	rVB2	175258	225867	19.13%	1.487%
94	19.965	2909	2915	2926	rVB3	556853	1125927	95.37%	7.412%
95	20.477	2999	3002	3006	rVB	219347	232579	19.70%	1.531%
96	21.493	3172	3175	3180	rVB2	256719	373967	31.68%	2.462%
97	21.663	3201	3204	3210	rVB	306926	402452	34.09%	2.649%
98	21.881	3237	3241	3248	rVB	711955	1180604	100.00%	7.772%
99	22.039	3264	3268	3272	rBV2	237966	437663	37.07%	2.881%
100	22.739	3382	3387	3392	rBV2	347330	602421	51.03%	3.966%

Sum of corrected areas: 15191419

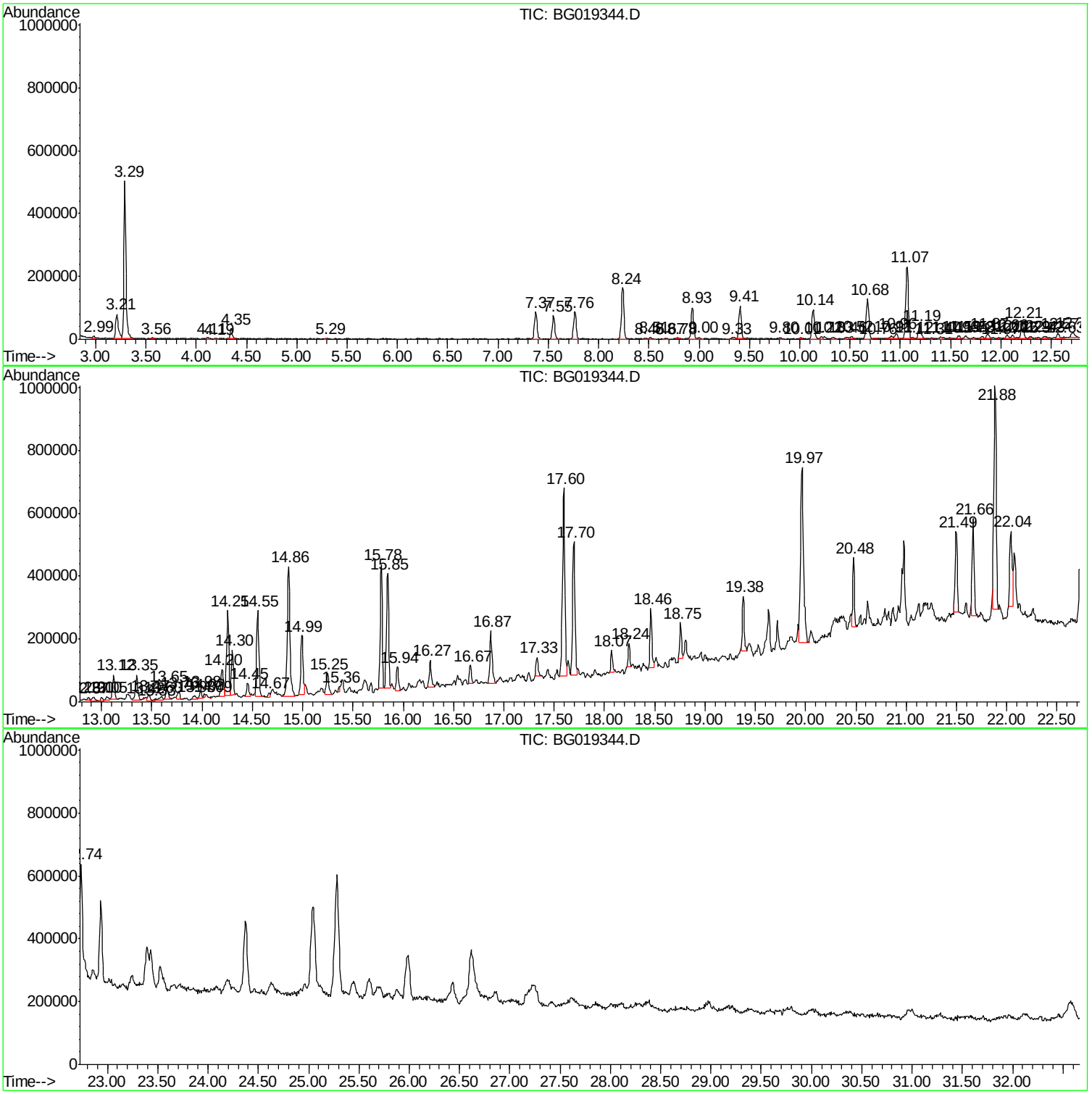
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA G\DATA\BG102315\
Data File : BG019344.D
Acq On : 24 Oct 2015 20:22
Operator : UM/NP
Sample : G4058-12
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LS0

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102315.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG102315\
Data File : BG019344.D
Acq On : 24 Oct 2015 20:22
Operator : UM/NP
Sample : G4058-12
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LS0

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102315.M
Quant Title : SVOA CALIBRATION

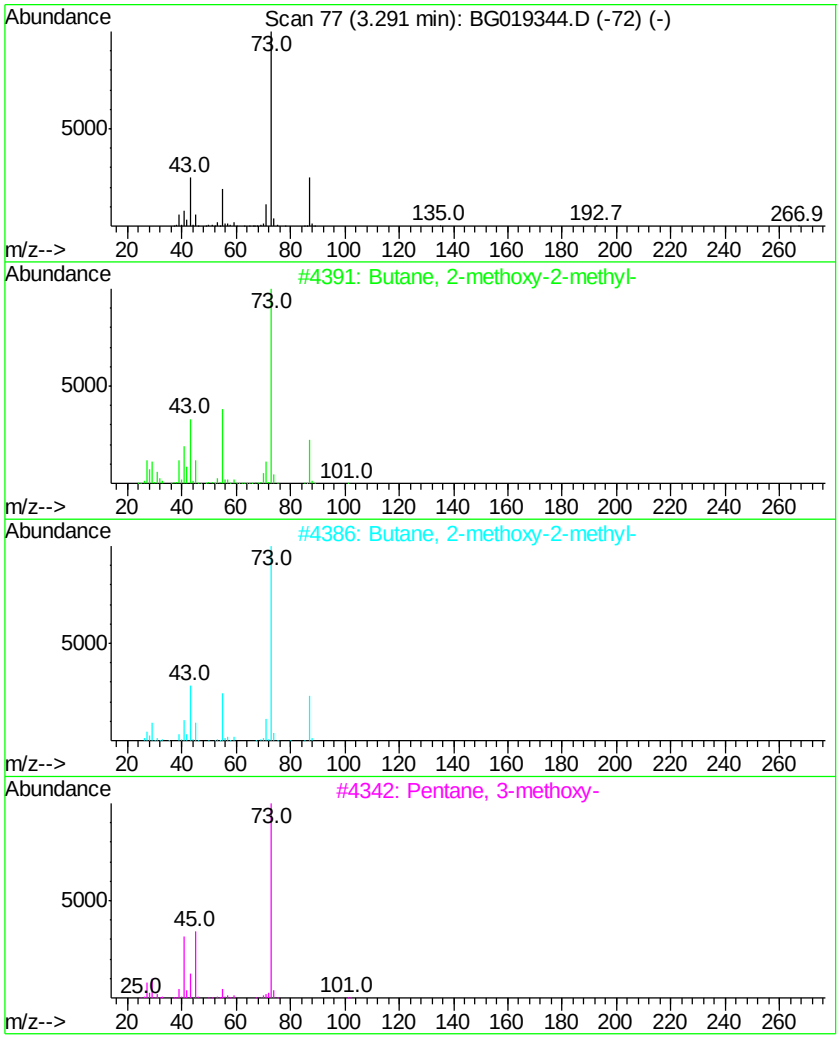
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

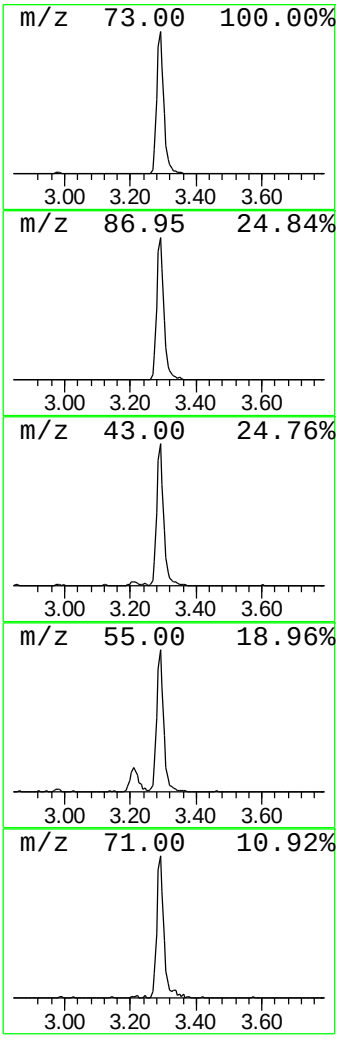
****

Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.29	51.57 ng/ul	749767	1,4-Dichlorobenzene-d4	8.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	72
3	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17
4	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	12
5	Silane, tetramethyl-	88	C4H12Si	000075-76-3	9





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG102315\
Data File : BG019344.D
Acq On : 24 Oct 2015 20:22
Operator : UM/NP
Sample : G4058-12
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LS0

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102315.M
Quant Title : SVOA CALIBRATION

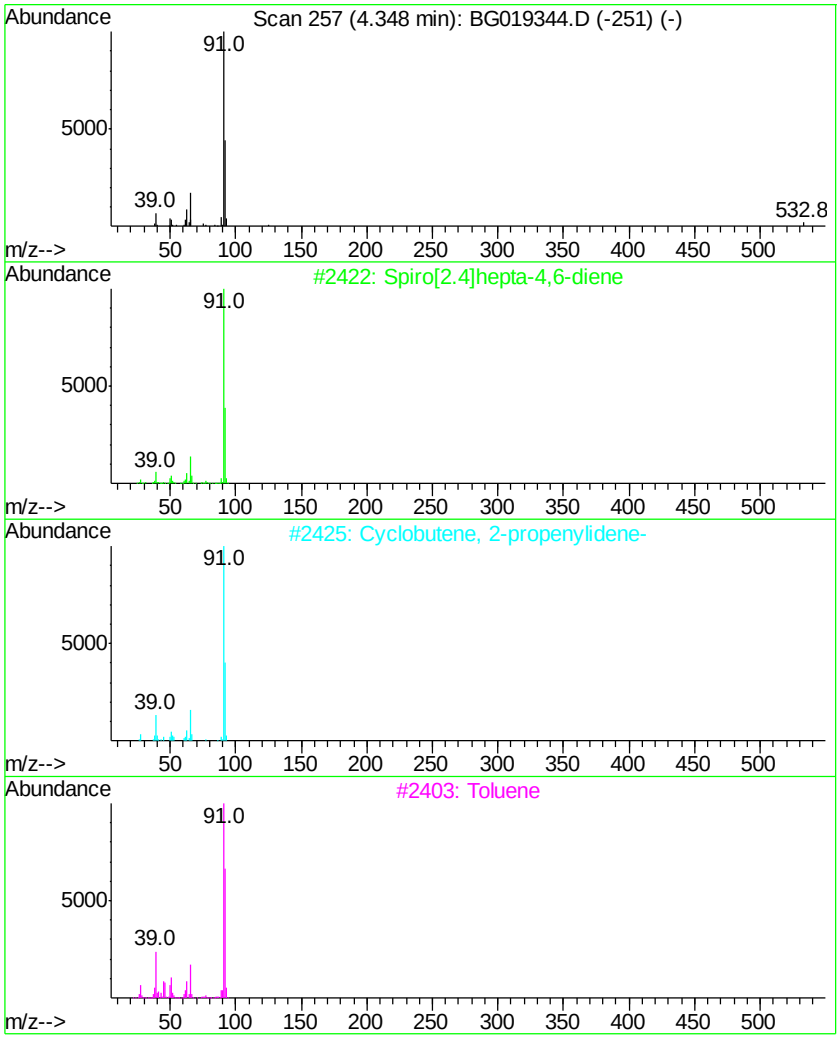
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

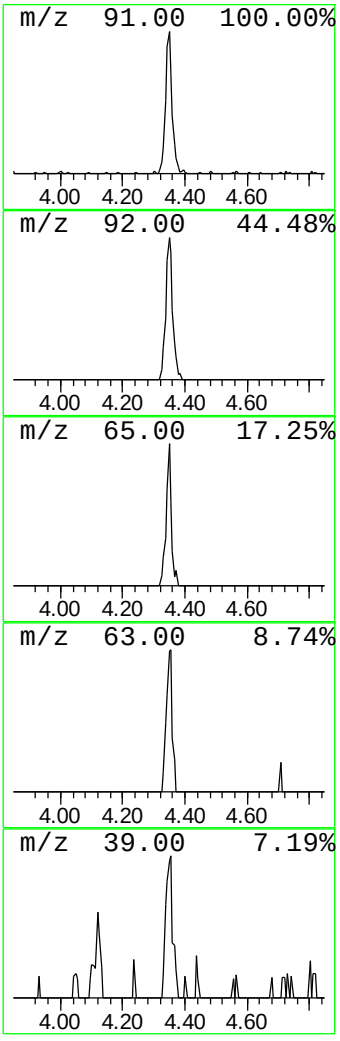
****

Peak Number 3 Spiro[2.4]hepta-4,6-diene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.35	3.35 ng/ul	48636	1,4-Dichlorobenzene-d4	8.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Spiro[2.4]hepta-4,6-diene	92	C7H8	000765-46-8	90
2	Cyclobutene, 2-propenylidene-	92	C7H8	052097-85-5	87
3	Toluene	92	C7H8	000108-88-3	86
4	1,3,5-Cycloheptatriene	92	C7H8	000544-25-2	83
5	1,3,5-Cycloheptatriene	92	C7H8	000544-25-2	80





Data Path : Z:\HPCHEM1\BNA G\DATA\BG102315\
Data File : BG019344.D
Acq On : 24 Oct 2015 20:22
Operator : UM/NP
Sample : G4058-12
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LS0

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102315.M
Quant Title : SVOA CALIBRATION

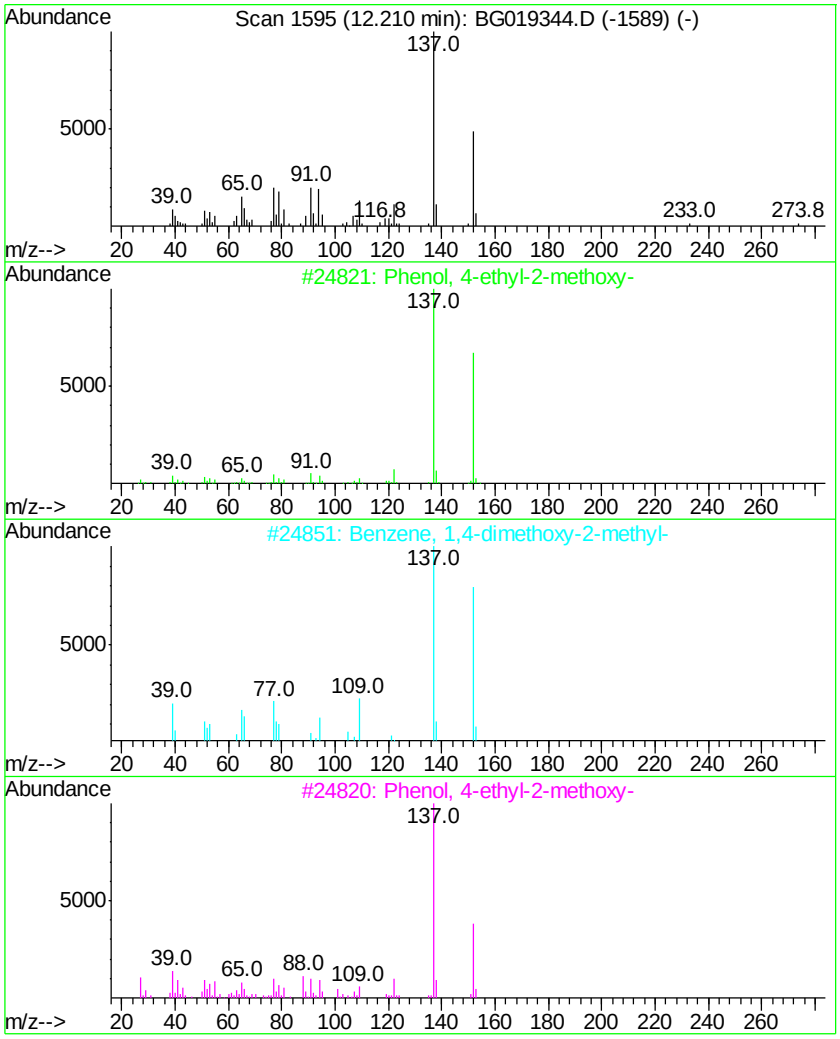
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

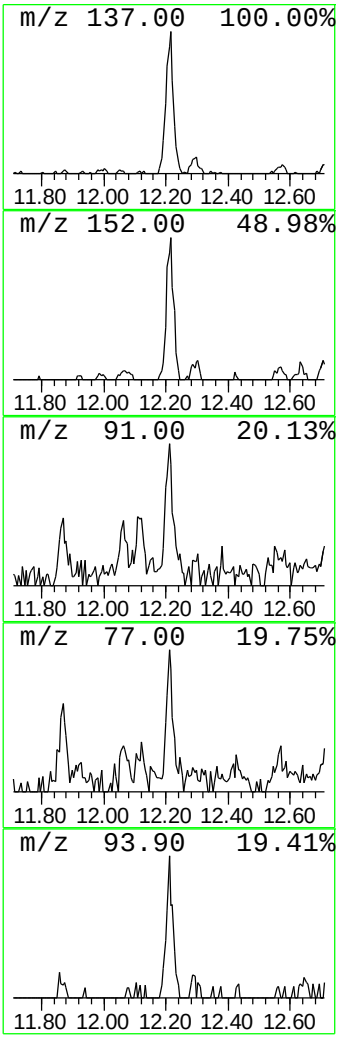
****

Peak Number 4 Phenol, 4-ethyl-2-methoxy- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.21	4.50 ng/ul	94039	Naphthalene-d8	11.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4-ethyl-2-methoxy-	152	C9H12O2	002785-89-9	93
2	Benzene, 1,4-dimethoxy-2-methyl-	152	C9H12O2	024599-58-4	87
3	Phenol, 4-ethyl-2-methoxy-	152	C9H12O2	002785-89-9	64
4	Benzene, 1,4-dimethoxy-2-methyl-	152	C9H12O2	024599-58-4	64
5	2',6'-Dihydroxyacetophenone	152	C8H8O3	000699-83-2	58





Data Path : Z:\HPCHEM1\BNA G\DATA\BG102315\
Data File : BG019344.D
Acq On : 24 Oct 2015 20:22
Operator : UM/NP
Sample : G4058-12
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LS0

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102315.M
Quant Title : SVOA CALIBRATION

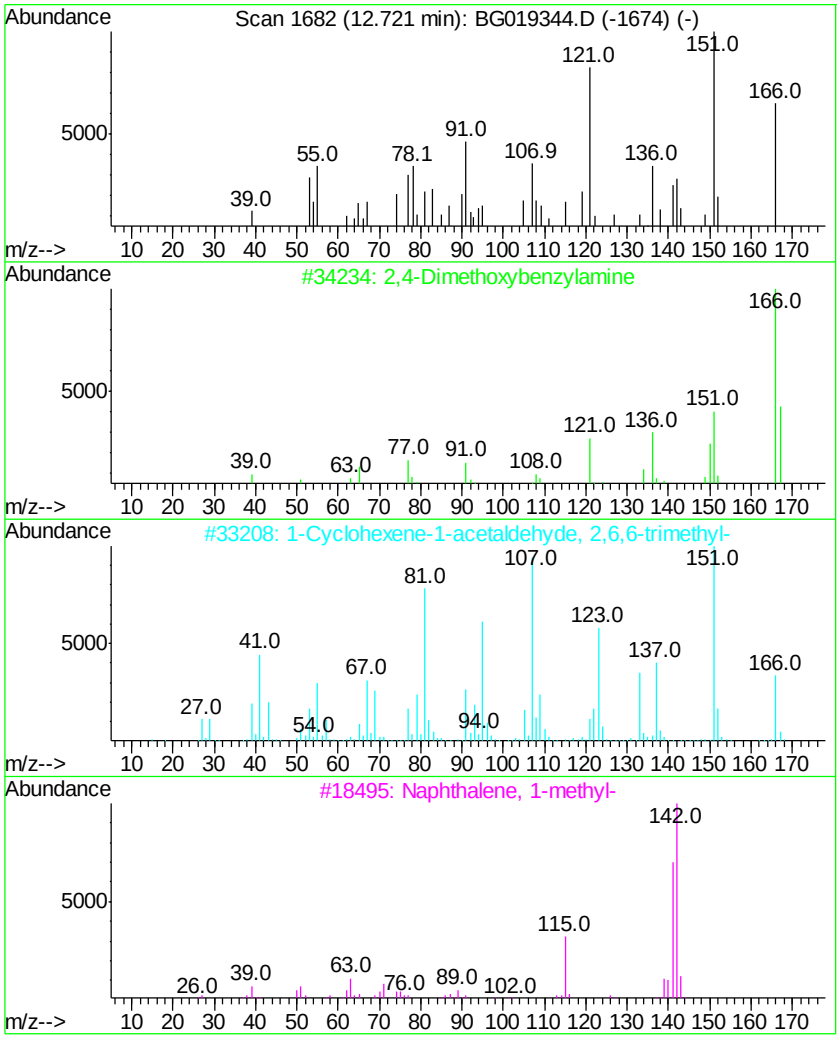
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

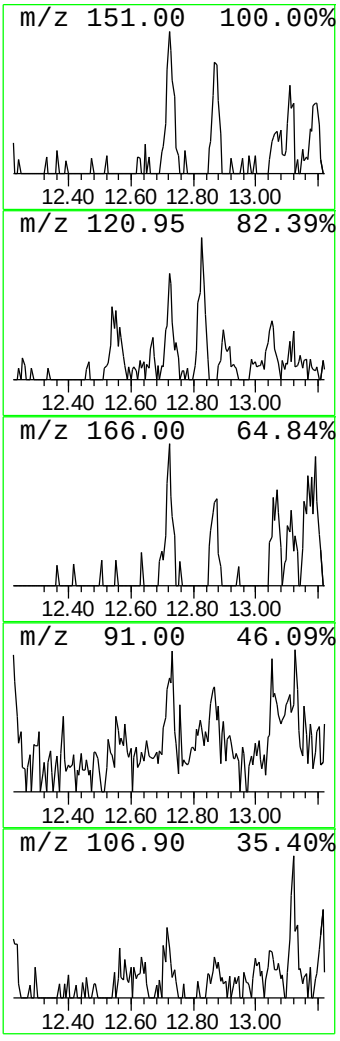
****

Peak Number 5 unknown-01 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.72	2.11 ng/ul	44099	Naphthalene-d8	11.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4-Dimethoxybenzylamine	167	C9H13NO2	020781-20-8	22
2	1-Cyclohexene-1-acetaldehyde, 2,...	166	C11H18O	000472-66-2	16
3	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	14
4	Phenol, 3-chloro-4-methyl-	142	C7H7ClO	000615-62-3	10
5	Benzene, 1-chloro-4-(1-methylene...	166	C10H11Cl	021758-20-3	10





Data Path : Z:\HPCHEM1\BNA G\DATA\BG102315\
Data File : BG019344.D
Acq On : 24 Oct 2015 20:22
Operator : UM/NP
Sample : G4058-12
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LS0

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102315.M
Quant Title : SVOA CALIBRATION

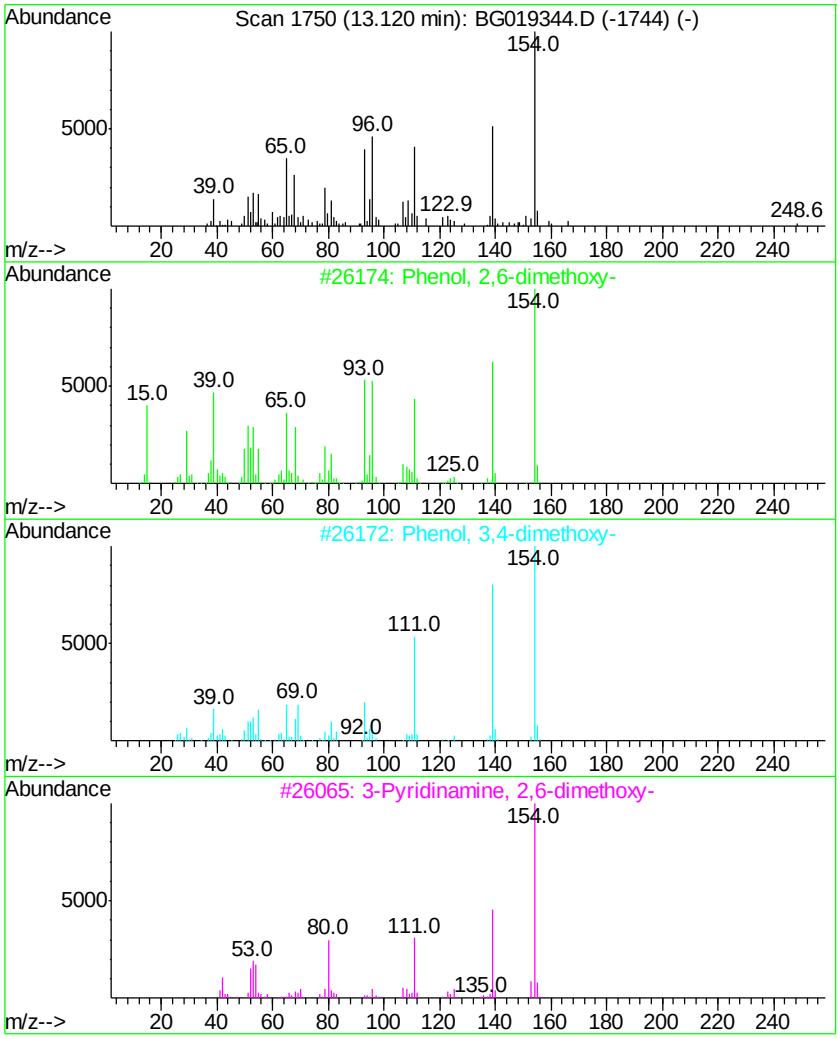
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

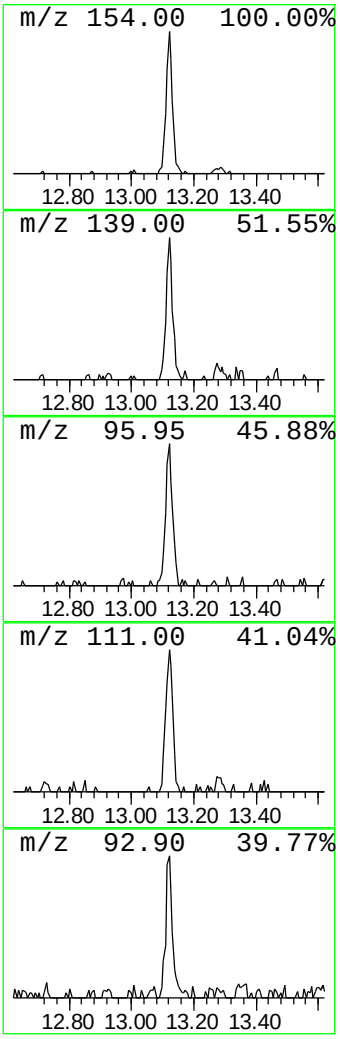
****

Peak Number 6 Phenol, 2,6-dimethoxy- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.12	2.98 ng/ul	115735	Acenaphthene-d10	14.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2,6-dimethoxy-	154	C8H10O3	000091-10-1	91
2	Phenol, 3,4-dimethoxy-	154	C8H10O3	002033-89-8	46
3	3-Pyridinamine, 2,6-dimethoxy-	154	C7H10N2O2	080789-72-6	43
4	3-Amino-2,6-dimethoxypyridine	154	C7H10N2O2	028020-37-3	41
5	Phenol, 3-methyl-4-(methylthio)-	154	C8H10OS	003120-74-9	41





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Data File : BG019344.D
Acq On : 24 Oct 2015 20:22
Operator : UM/NP
Sample : G4058-12
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LS0

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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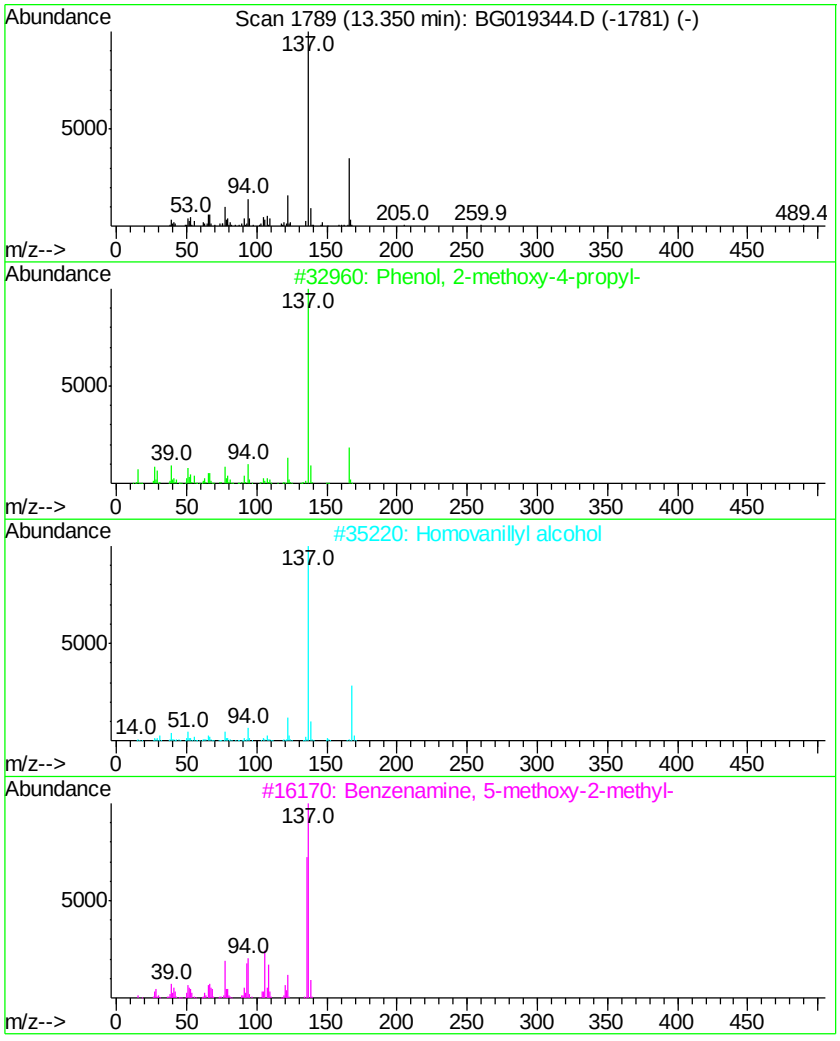
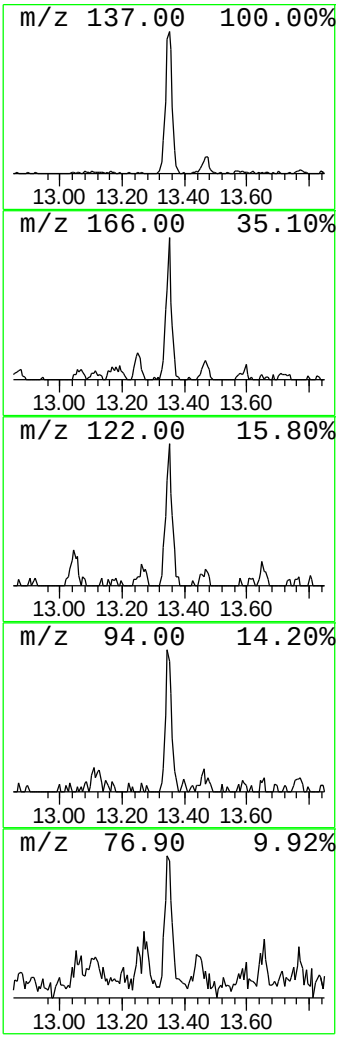
Peak Number 7 Phenol, 2-methoxy-4-propyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.35	3.34 ng/ul	129563	Acenaphthene-d10	14.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2-methoxy-4-propyl-	166	C10H14O2	002785-87-7	78
2	Homovanillyl alcohol	168	C9H12O3	002380-78-1	68
3	Benzenamine, 5-methoxy-2-methyl-	137	C8H11NO	050868-72-9	64
4	4-Amino-2,3-xylenol	137	C8H11NO	003096-69-3	64
5	Phenylacetylformic acid, 4-hydro...	210	C10H10O5	001081-71-6	59





Library Search Compound Report

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Operator : UM/NP
Sample : G4058-12
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Instrument : BNA_G
ClientSampleId : E5LS0

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Quant Title : SVOA CALIBRATION

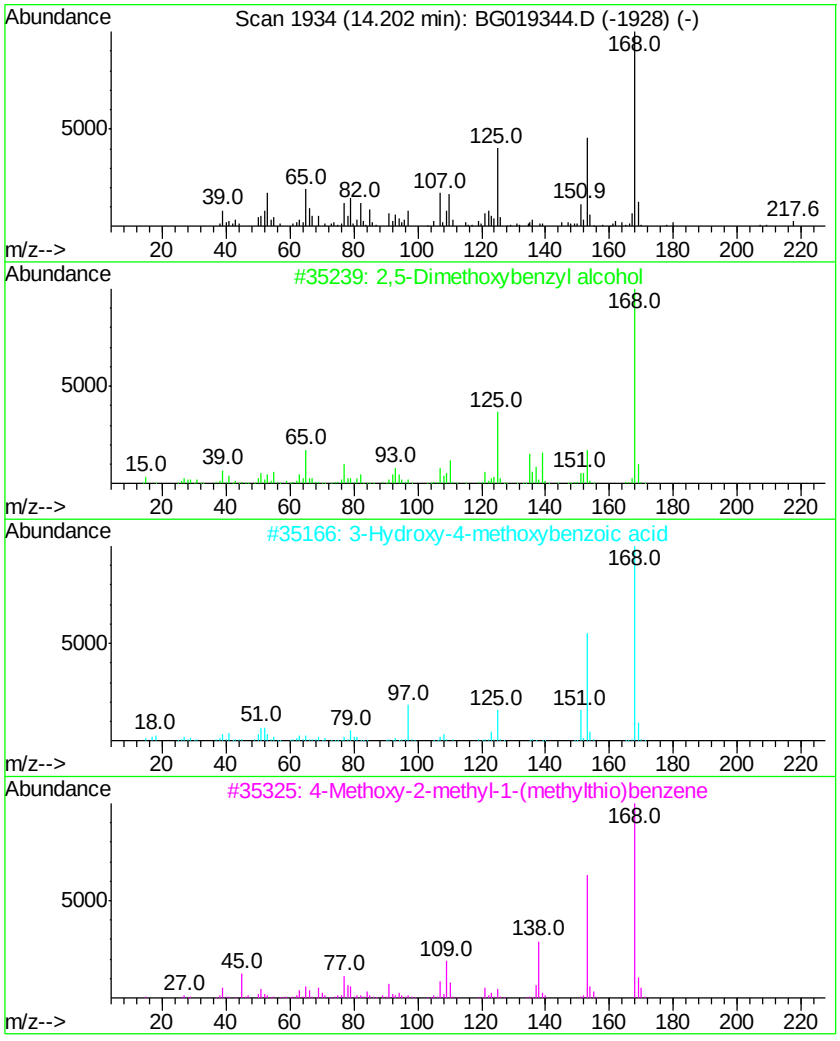
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

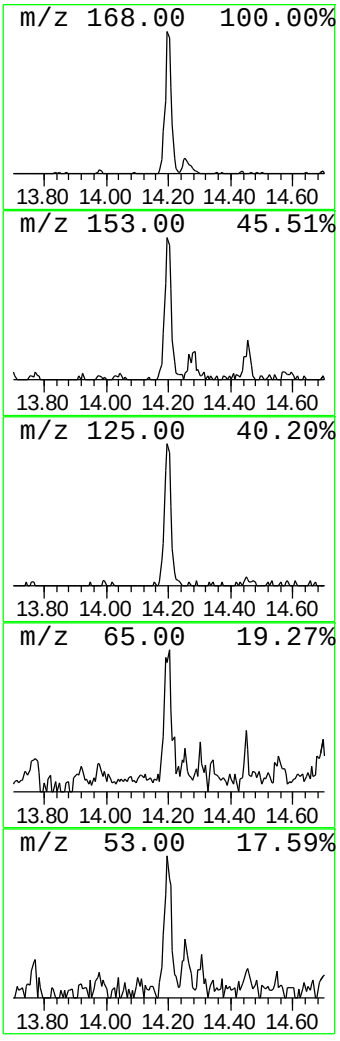
****

Peak Number 8 2,5-Dimethoxybenzyl alcohol Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.20	4.08 ng/ul	158103	Acenaphthene-d10	14.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,5-Dimethoxybenzyl alcohol	168	C9H12O3	033524-31-1	58
2	3-Hydroxy-4-methoxybenzoic acid	168	C8H8O4	000645-08-9	58
3	4-Methoxy-2-methyl-1-(methylthio...	168	C9H12OS	022583-04-6	52
4	Benzenamine, 4-methoxy-2-nitro-	168	C7H8N2O3	000096-96-8	50
5	Benzoic acid, 4-hydroxy-3-methoxy-	168	C8H8O4	000121-34-6	49





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Instrument : BNA_G
ClientSampleId : E5LS0

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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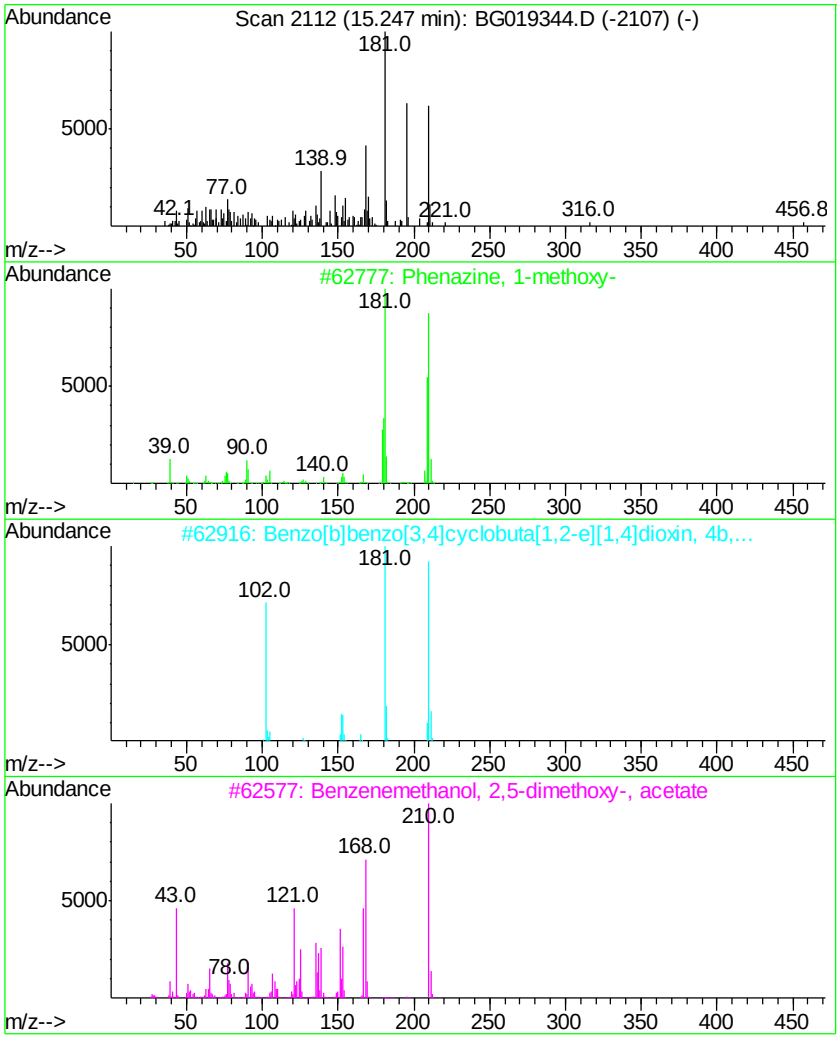
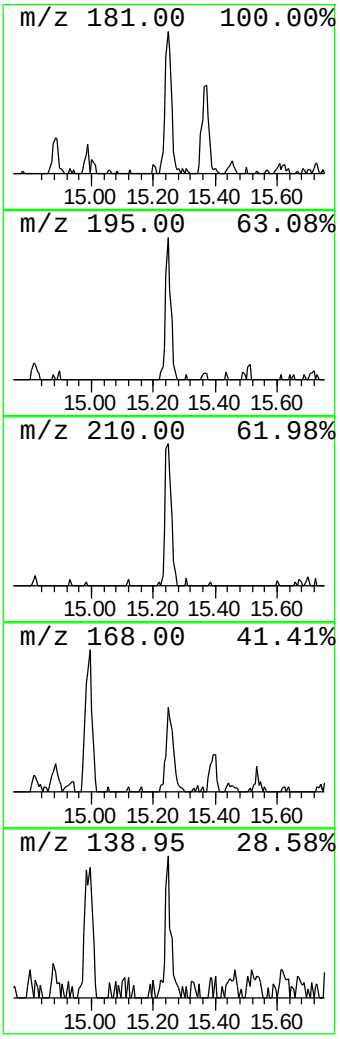
Peak Number 9 unknown-02 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.25	3.14 ng/ul	121848	Acenaphthene-d10	14.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenazine, 1-methoxy-	210	C13H10N2O	002876-17-7	43
2	Benzo[b]benzo[3,4]cyclobuta[1,2-...	210	C14H10O2	042896-18-4	38
3	Benzenemethanol, 2,5-dimethoxy-,...	210	C11H14O4	067698-75-3	30
4	5-Phosphatricyclo[6.1.1.0E2,6]dec...	210	C12H19OP	1000151-47-7	27
5	3,5-Dimethoxybenzamide	181	C9H11NO3	017213-58-0	25





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ClientSampleId : E5LS0

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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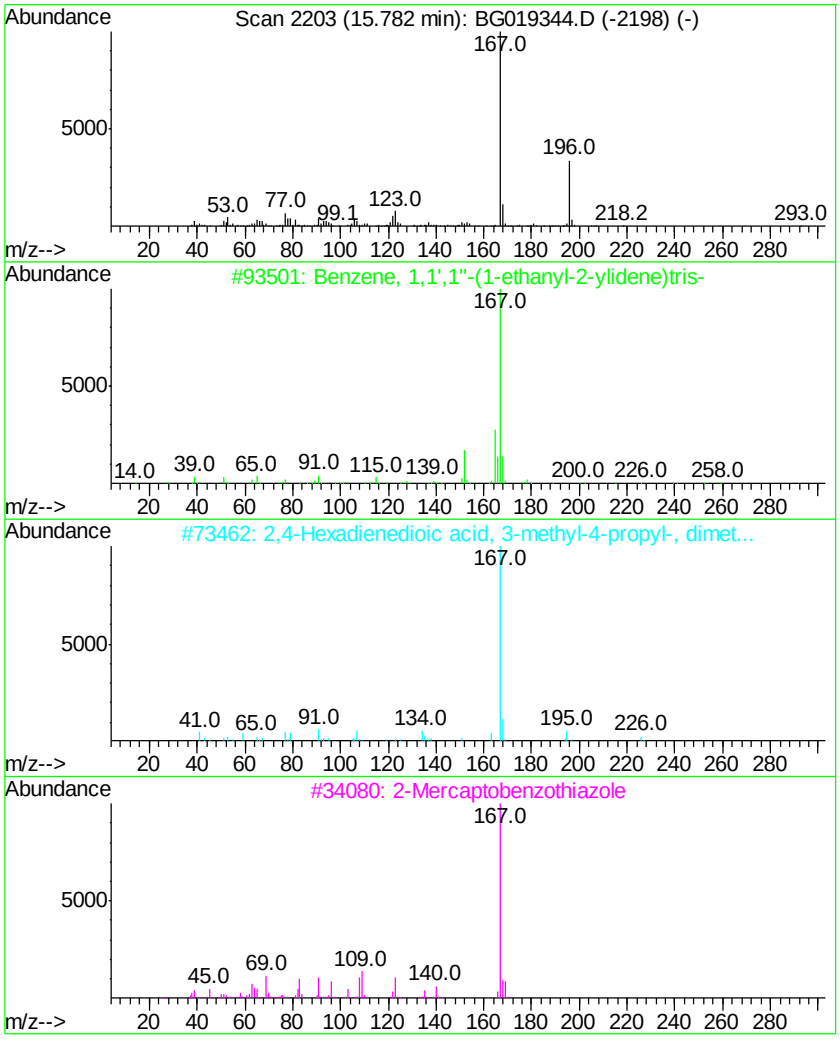
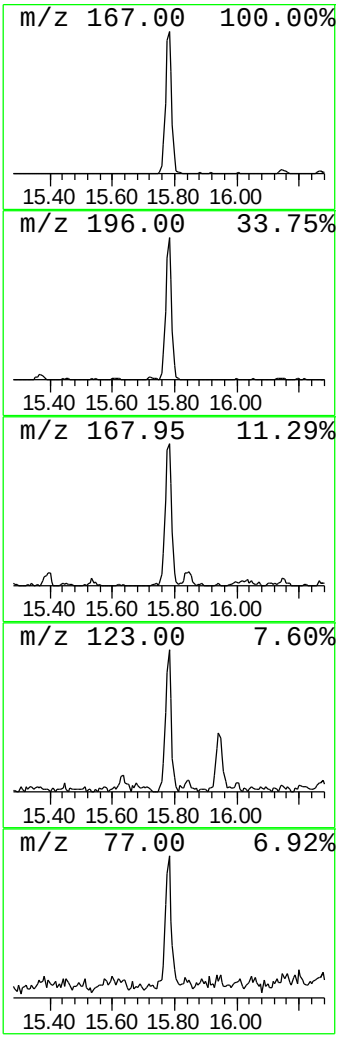
Peak Number 10 (DEL) Alkane: Branched15.78 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.78	13.67 ng/ul	530121	Acenaphthene-d10	14.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,1',1''-(1-ethanyl-2-y...	258	C20H18	001520-42-9	40
2	2,4-Hexadienedioic acid, 3-methy...	226	C12H18O4	069796-13-0	40
3	2-Mercaptobenzothiazole	167	C7H5NS2	000149-30-4	38
4	4-Amino-6-mercaptopyrazolo(3,4-d...	167	C5H5N5S	023771-52-0	36
5	Benzene, 1,1'-[[(4-methylphenyl)...	290	C20H18S	032110-49-9	36





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Sample : G4058-12
Misc :
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Instrument : BNA_G
ClientSampleId : E5LS0

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102315.M
Quant Title : SVOA CALIBRATION

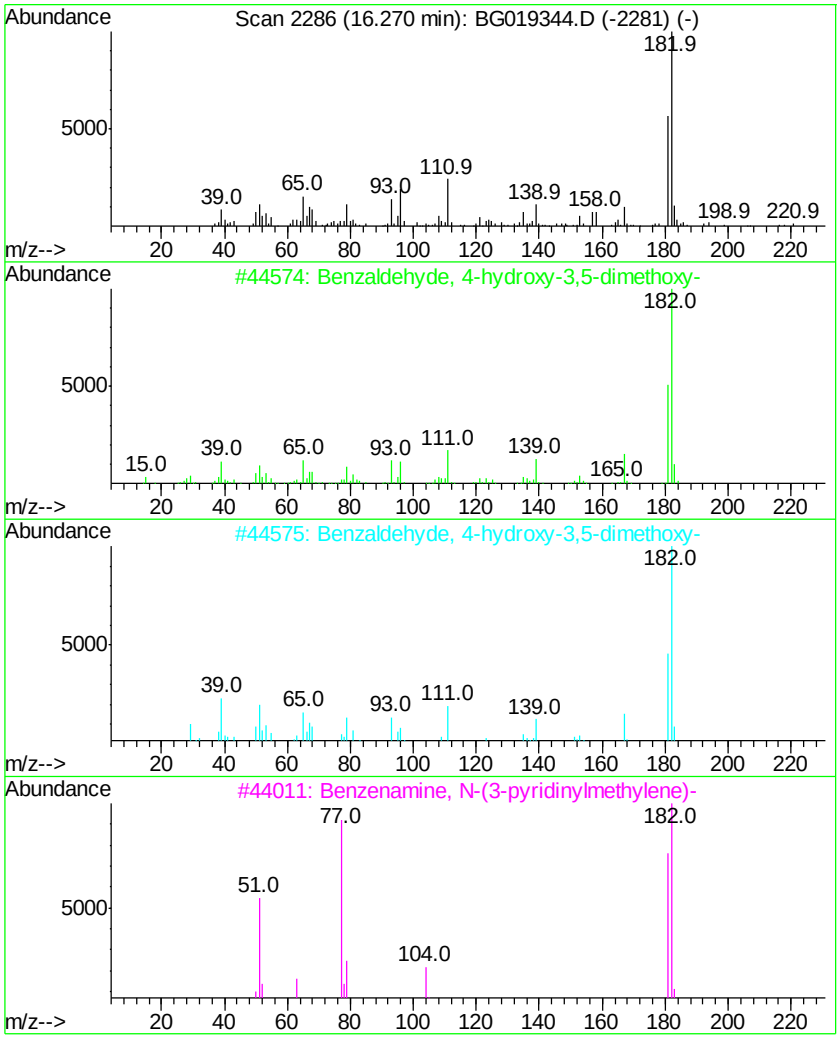
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

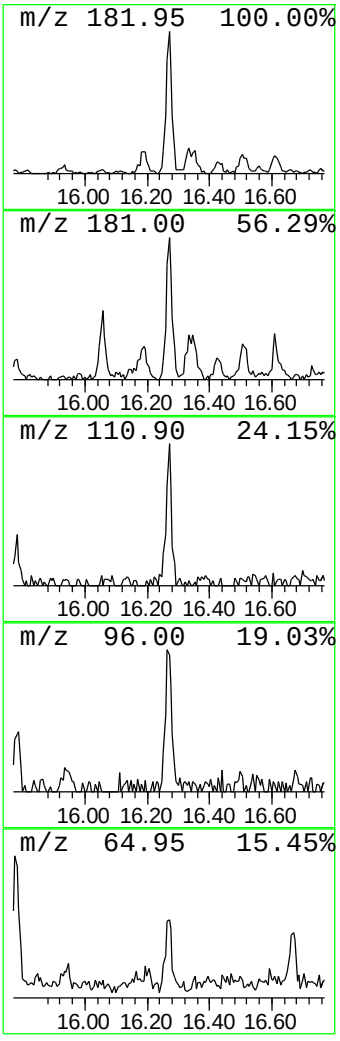
****

Peak Number 11 Benzaldehyde, 4-hydroxy-3,5... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.27	2.65 ng/ul	138647	Phenanthrene-d10	17.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzaldehyde, 4-hydroxy-3,5-dime...	182	C9H10O4	000134-96-3	90
2	Benzaldehyde, 4-hydroxy-3,5-dime...	182	C9H10O4	000134-96-3	64
3	Benzenamine, N-(3-pyridinylmethy...	182	C12H10N2	029722-97-2	50
4	3,4-Dimethoxy-5-hydroxybenzaldehyde	182	C9H10O4	029865-90-5	50
5	4-Cyclopropyl-6-(methylthio)-1,3...	182	C7H10N4S	175204-57-6	47





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Instrument : BNA_G
ClientSampleId : E5LS0

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Quant Title : SVOA CALIBRATION

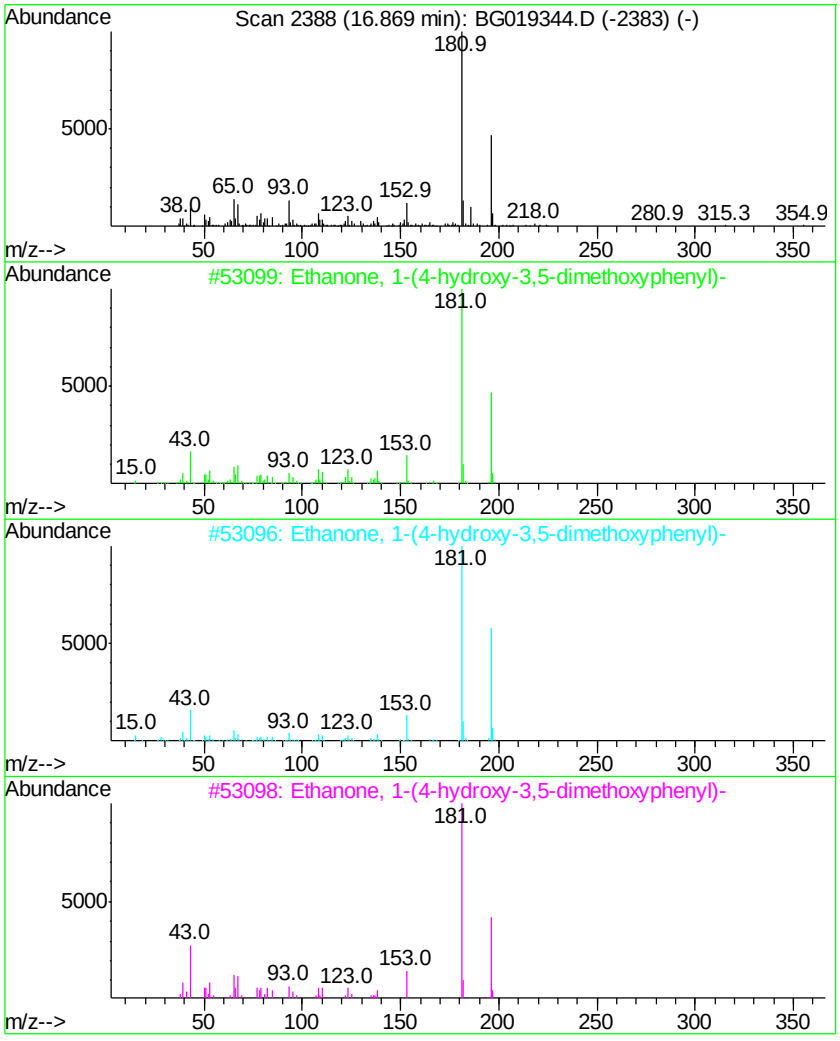
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

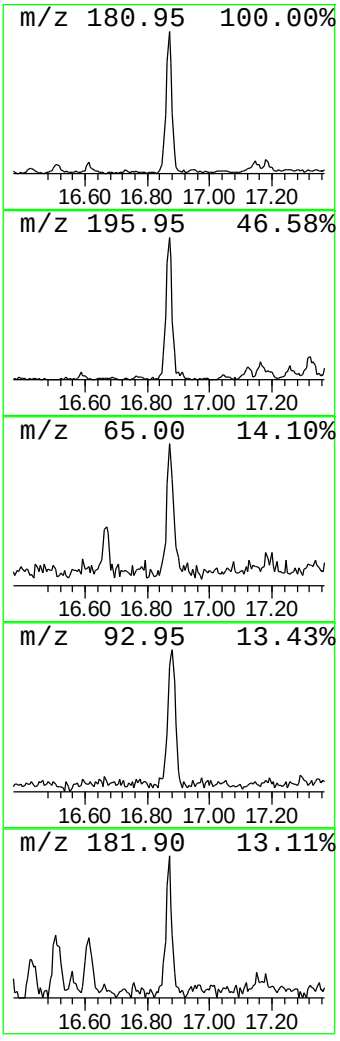
****

Peak Number 12 Ethanone, 1-(4-hydroxy-3,5-... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.87	5.35 ng/ul	280261	Phenanthrene-d10	17.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanone, 1-(4-hydroxy-3,5-dimet...	196	C10H12O4	002478-38-8	91
2	Ethanone, 1-(4-hydroxy-3,5-dimet...	196	C10H12O4	002478-38-8	87
3	Ethanone, 1-(4-hydroxy-3,5-dimet...	196	C10H12O4	002478-38-8	74
4	Silane, (3-methoxyphenoxy)trimet...	196	C10H16O2Si	033285-71-1	59
5	2-t-Butylthieno[2,3-b]thiophene	196	C10H12S2	1000250-49-6	59





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Instrument : BNA_G
ClientSampleId : E5LS0

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Quant Title : SVOA CALIBRATION

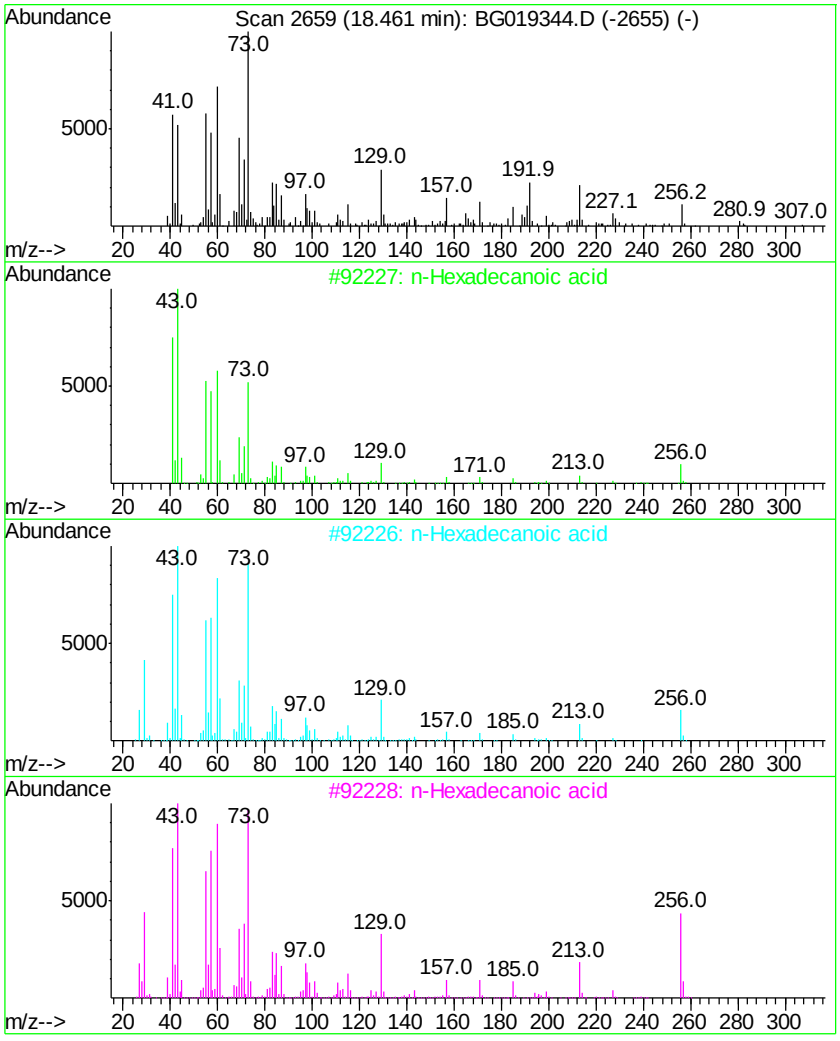
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

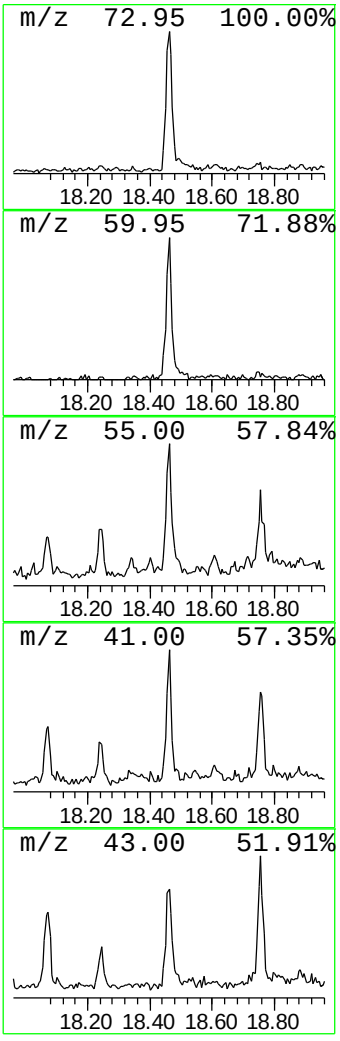
****

Peak Number 13 n-Hexadecanoic acid Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.46	5.03 ng/ul	263096	Phenanthrene-d10	17.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	91
4	Tridecanoic acid	214	C13H26O2	000638-53-9	78
5	Tridecanoic acid	214	C13H26O2	000638-53-9	60





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Instrument : BNA_G
ClientSampleId : E5LS0

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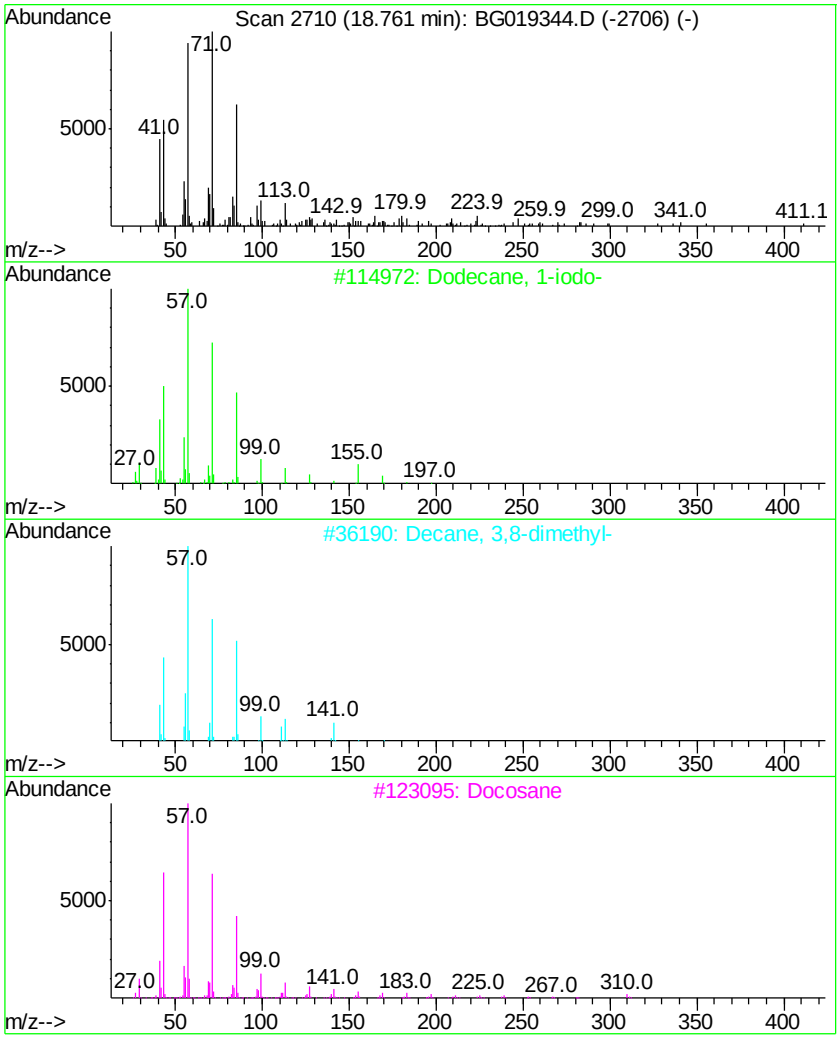
Quant Title : SVOA CALIBRATION

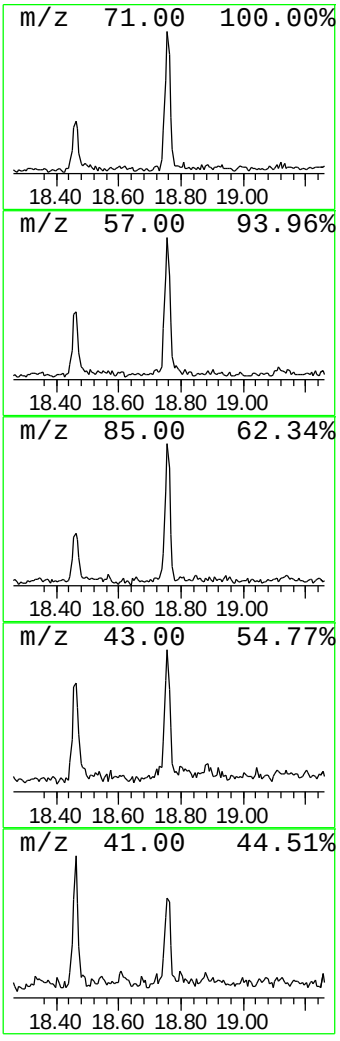
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 (DEL) Alkane: Straight-Chai... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.76	2.66 ng/ul	139221	Phenanthrene-d10	17.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	86
2	Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	86
3	Docosane	310	C22H46	000629-97-0	78
4	Nonane, 4,5-dimethyl-	156	C11H24	017302-23-7	72
5	Undecane, 2,3-dimethyl-	184	C13H28	017312-77-5	72





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ClientSampleId : E5LS0

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Quant Title : SVOA CALIBRATION

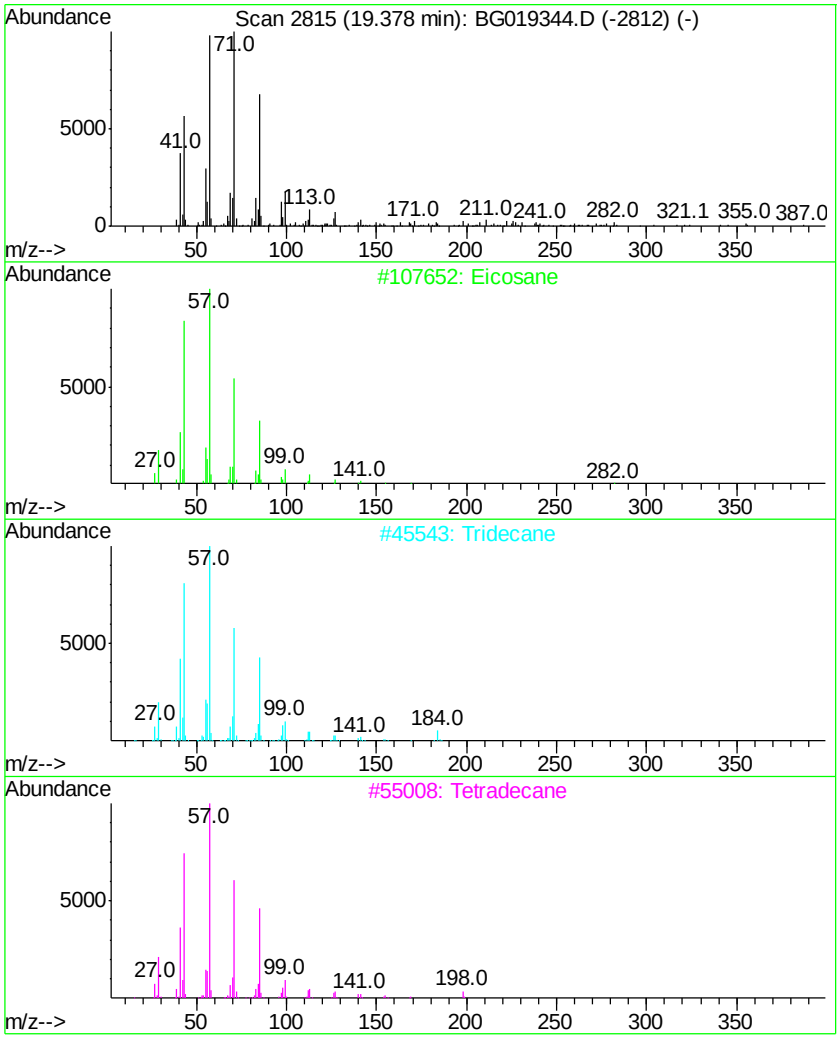
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

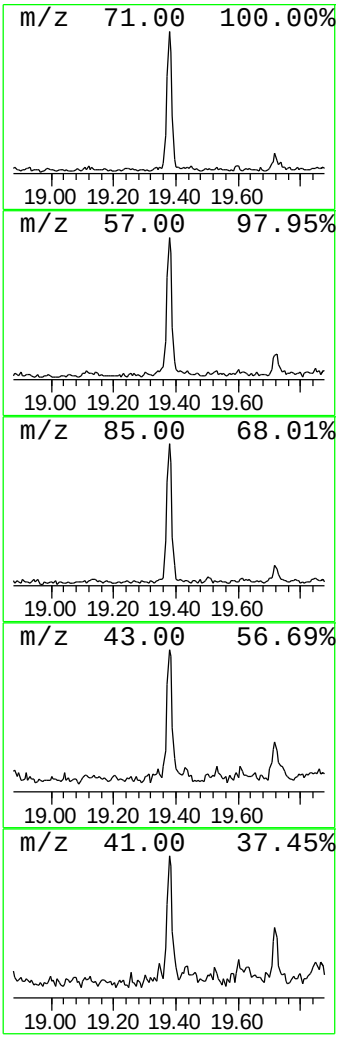
****

Peak Number 15 (DEL) Alkane: Straight-Chai... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.38	4.31 ng/ul	225867	Phenanthrene-d10	17.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	95
2	Tridecane	184	C13H28	000629-50-5	91
3	Tetradecane	198	C14H30	000629-59-4	80
4	Hexane, 2,3,4-trimethyl-	128	C9H20	000921-47-1	72
5	Hexadecane	226	C16H34	000544-76-3	64





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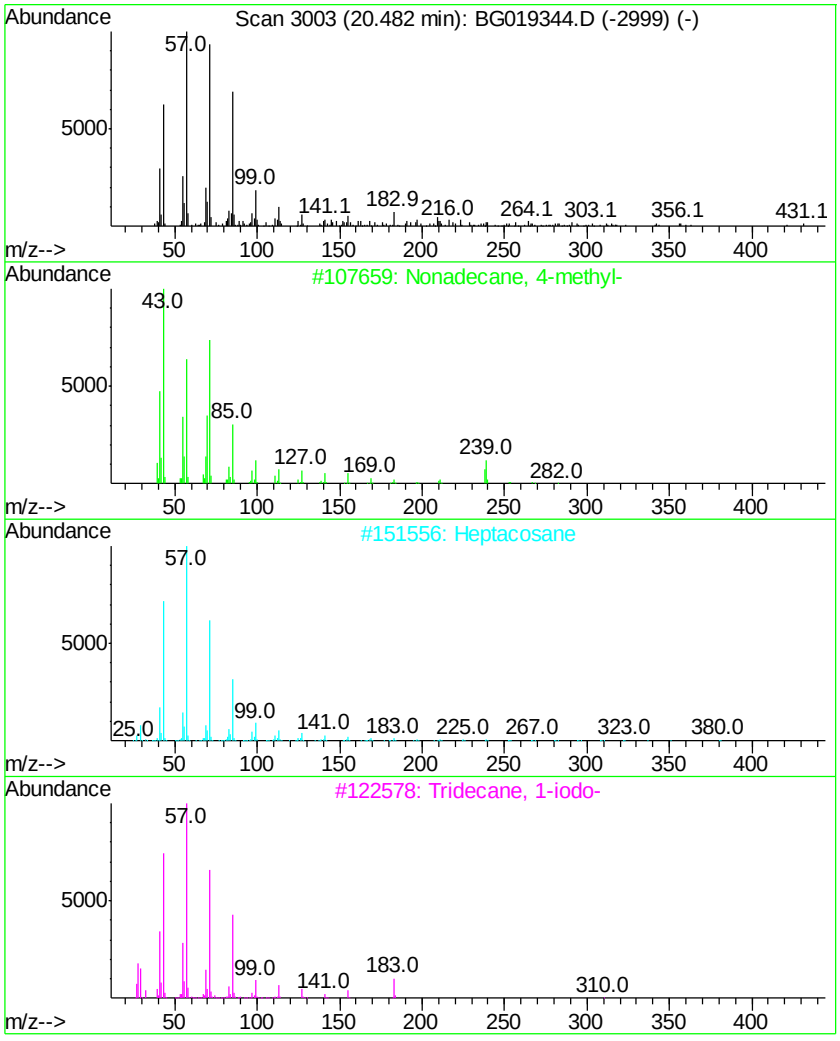
Quant Title : SVOA CALIBRATION

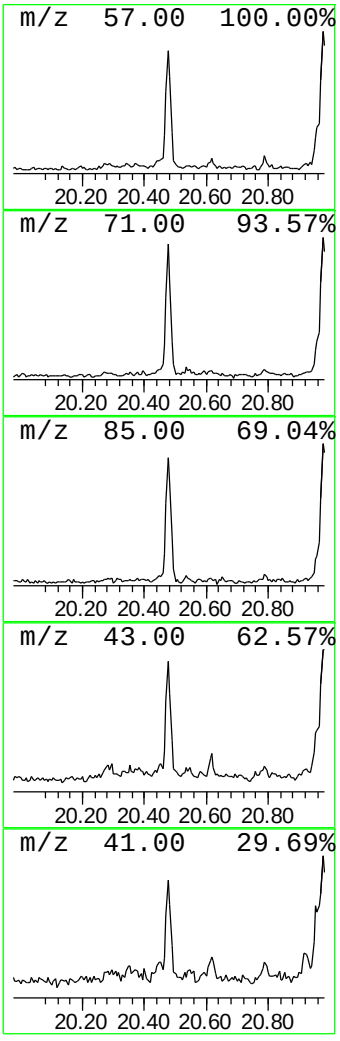
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 (DEL) Alkane: Straight-Chai... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.48	3.94 ng/ul	232579	Chrysene-d12	21.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane, 4-methyl-	282	C20H42	025117-27-5	72
2	Heptacosane	380	C27H56	000593-49-7	72
3	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	70
4	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	64
5	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	64





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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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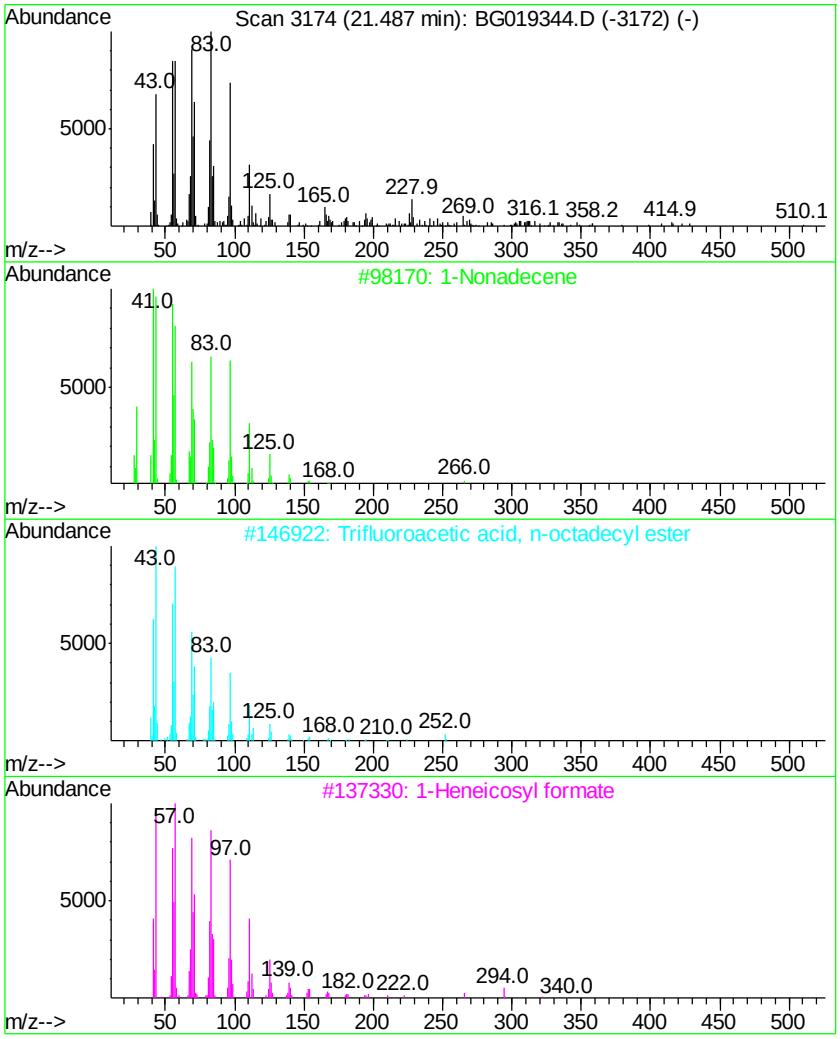
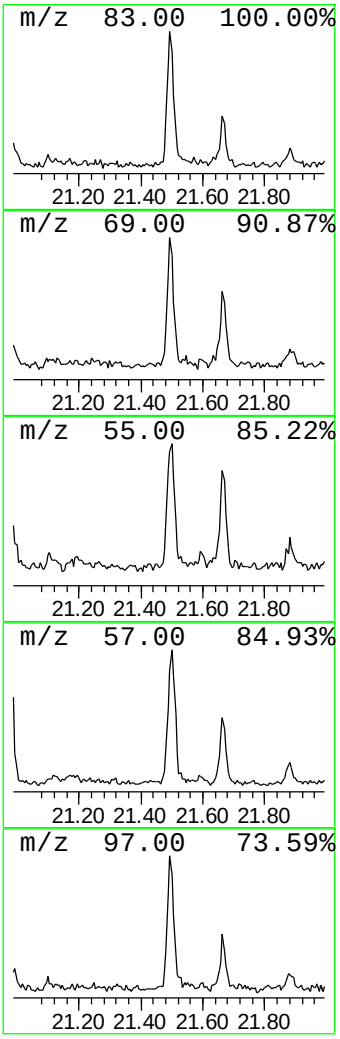
Peak Number 17 (DEL) Alkane: Cyclic21.49 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.49	6.34 ng/ul	373967	Chrysene-d12	21.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Nonadecene	266	C19H38	018435-45-5	92
2	Trifluoroacetic acid, n-octadecy...	366	C20H37F3O2	079392-43-1	91
3	1-Heneicosyl formate	340	C22H44O2	077899-03-7	90
4	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	87
5	3-Eicosene, (E)-	280	C20H40	074685-33-9	87





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Misc :
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Instrument : BNA_G
ClientSampleId : E5LS0

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102315.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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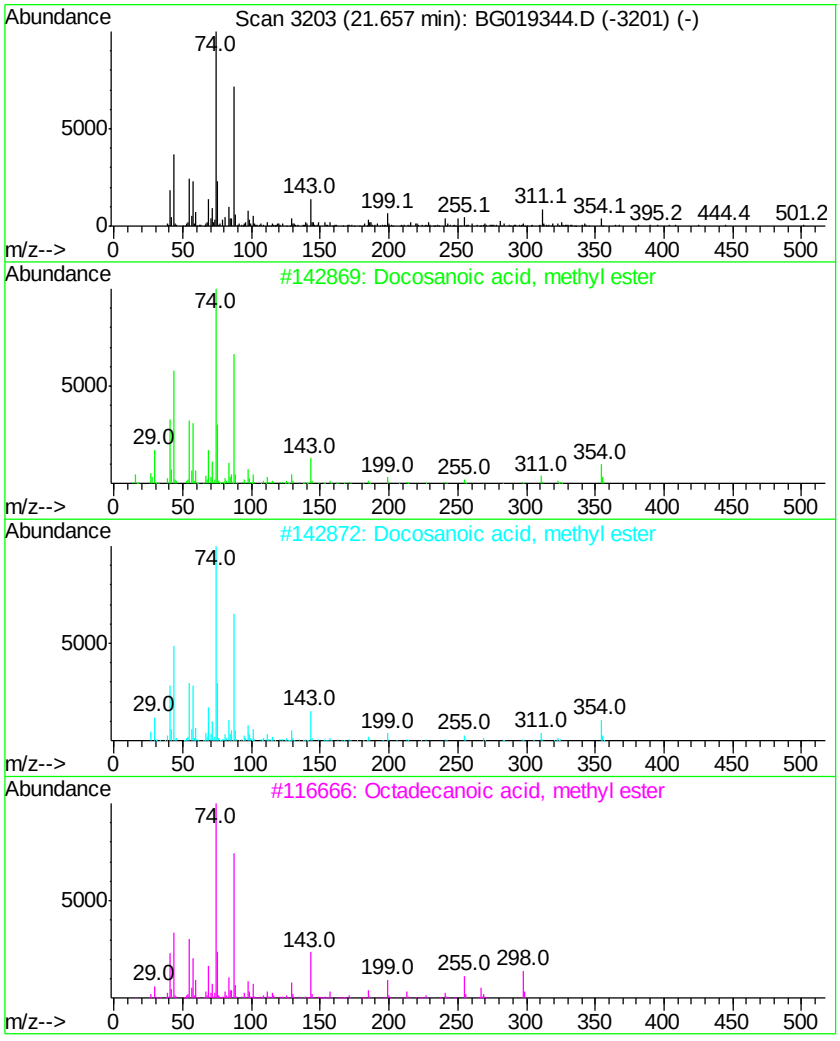
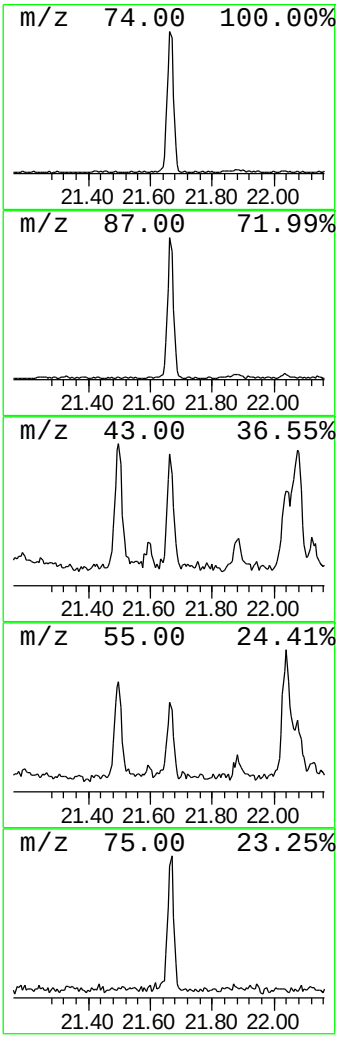
Peak Number 18 Docosanoic acid, methyl ester Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.66	6.82 ng/ul	402452	Chrysene-d12	21.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Docosanoic acid, methyl ester	354	C23H46O2	000929-77-1	94
2	Docosanoic acid, methyl ester	354	C23H46O2	000929-77-1	93
3	Octadecanoic acid, methyl ester	298	C19H38O2	000112-61-8	91
4	Docosanoic acid, methyl ester	354	C23H46O2	000929-77-1	89
5	Heptadecanoic acid, 16-methyl-, ...	298	C19H38O2	005129-61-3	87





Data Path : Z:\HPCHEM1\BNA G\DATA\BG102315\
Data File : BG019344.D
Acq On : 24 Oct 2015 20:22
Operator : UM/NP
Sample : G4058-12
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LS0

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102315.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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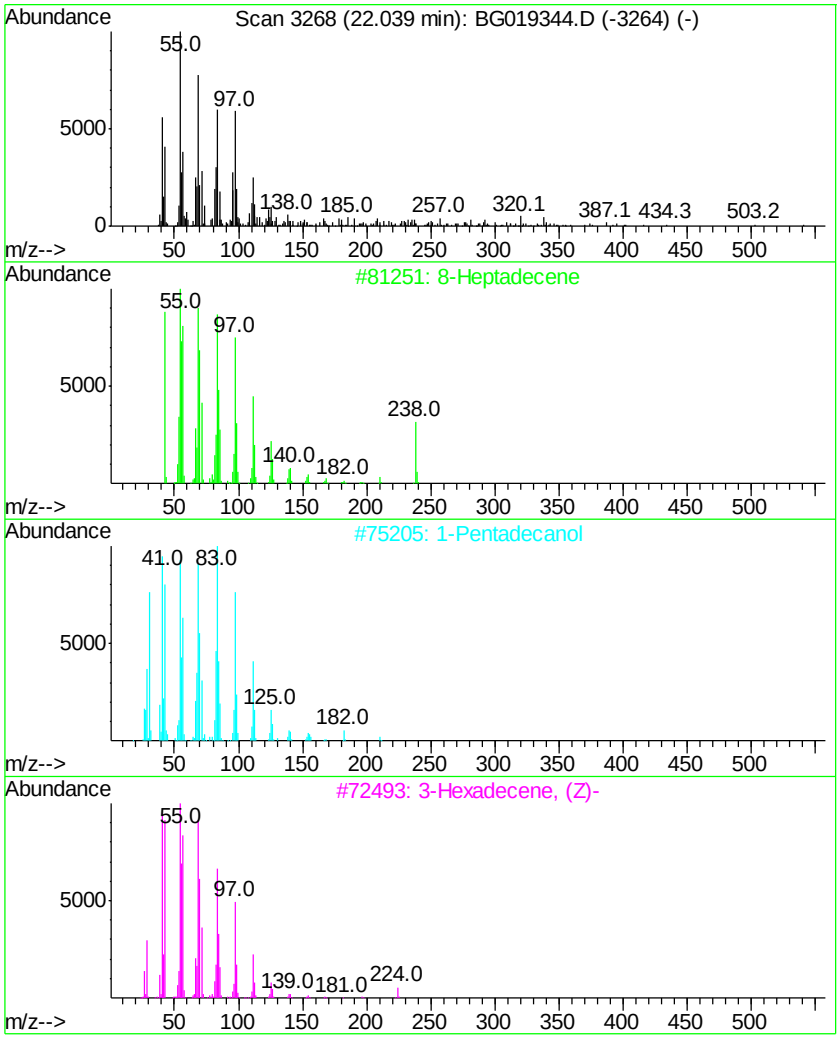
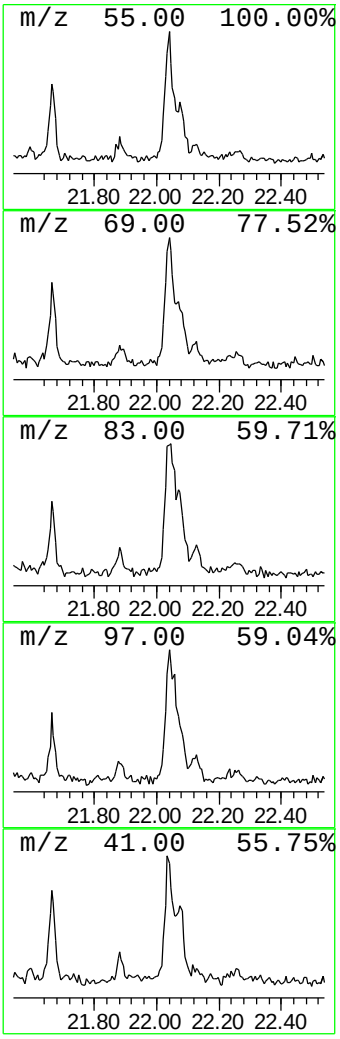
Peak Number 19 (DEL) Alkane: Cyclic22.04 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.04	7.41 ng/ul	437663	Chrysene-d12	21.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	8-Heptadecene	238	C17H34	002579-04-6	93
2	1-Pentadecanol	228	C15H32O	000629-76-5	87
3	3-Hexadecene, (Z)-	224	C16H32	034303-81-6	80
4	8-Heptadecene	238	C17H34	054290-12-9	80
5	3-Octadecene, (E)-	252	C18H36	007206-19-1	76





Data Path : Z:\HPCHEM1\BNA G\DATA\BG102315\
Data File : BG019344.D
Acq On : 24 Oct 2015 20:22
Operator : UM/NP
Sample : G4058-12
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LS0

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102315.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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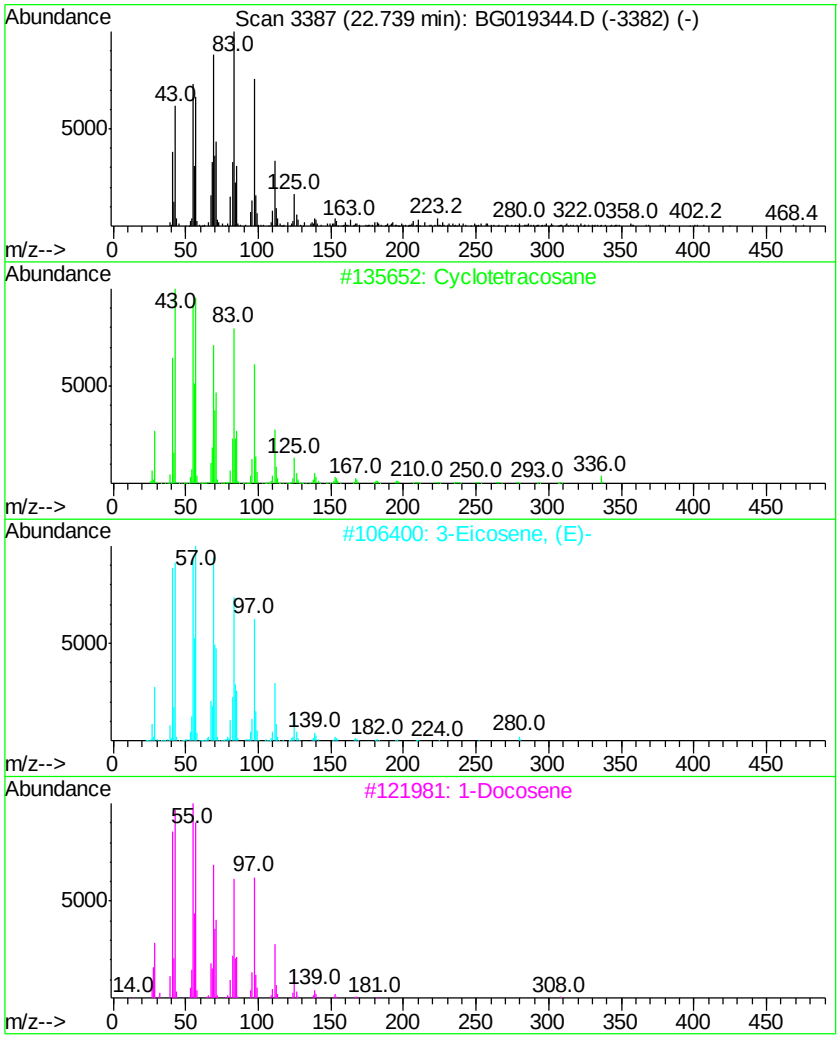
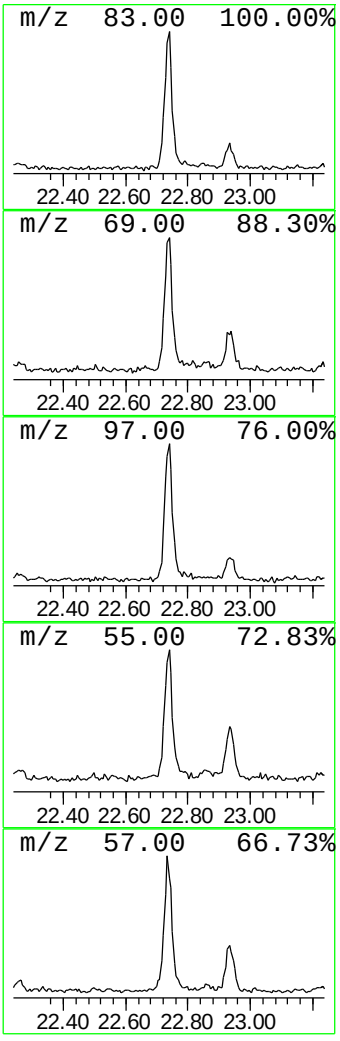
Peak Number 20 (DEL) Alkane: Cyclic22.74 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.74	10.21 ng/ul	602421	Chrysene-d12	21.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotetracosane	336	C24H48	000297-03-0	92
2	3-Eicosene, (E)-	280	C20H40	074685-33-9	83
3	1-Docosene	308	C22H44	001599-67-3	64
4	2- Chloropropionic acid, octadec...	360	C21H41ClO2	088104-31-8	60
5	2-Methyl-7-nonadecene	280	C20H40	219750-68-2	58





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG102315\
Data File : BG019344.D
Acq On : 24 Oct 2015 20:22
Operator : UM/NP
Sample : G4058-12
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LS0

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102315.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-methoxy...	3.29	51.6	ng/ul	749767	1	8.24	290773	20.0
Spiro[2.4]hepta-4...	4.35	3.4	ng/ul	48636	1	8.24	290773	20.0
Phenol, 4-ethyl-2...	12.21	4.5	ng/ul	94039	2	11.07	418160	20.0
unknown-01	12.72	2.1	ng/ul	44099	2	11.07	418160	20.0
Phenol, 2,6-dimet...	13.12	3.0	ng/ul	115735	3	14.86	775748	20.0
Phenol, 2-methoxy...	13.35	3.3	ng/ul	129563	3	14.86	775748	20.0
2,5-Dimethoxybenz...	14.20	4.1	ng/ul	158103	3	14.86	775748	20.0
unknown-02	15.25	3.1	ng/ul	121848	3	14.86	775748	20.0
(DEL) Alkane: Bra...	15.78	13.7	ng/ul	530121	3	14.86	775748	20.0
Benzaldehyde, 4-h...	16.27	2.6	ng/ul	138647	4	17.60	1046960	20.0
Ethanone, 1-(4-hy...	16.87	5.3	ng/ul	280261	4	17.60	1046960	20.0
n-Hexadecanoic acid	18.46	5.0	ng/ul	263096	4	17.60	1046960	20.0
(DEL) Alkane: Str...	18.76	2.7	ng/ul	139221	4	17.60	1046960	20.0
(DEL) Alkane: Str...	19.38	4.3	ng/ul	225867	4	17.60	1046960	20.0
(DEL) Alkane: Str...	20.48	3.9	ng/ul	232579	5	21.88	1180600	20.0
(DEL) Alkane: Cyc...	21.49	6.3	ng/ul	373967	5	21.88	1180600	20.0
Docosanoic acid, ...	21.66	6.8	ng/ul	402452	5	21.88	1180600	20.0
(DEL) Alkane: Cyc...	22.04	7.4	ng/ul	437663	5	21.88	1180600	20.0
(DEL) Alkane: Cyc...	22.74	10.2	ng/ul	602421	5	21.88	1180600	20.0