LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG110315\
Data File : BG019449.D
Acq On : 3 Nov 2015 13:05
Operator : UM/NP
Sample : G3996-18DL2 30X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LK7DL2

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-BG102815.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	6.883	682	688	699	rVB3	37229	75176	4.58%	0.230%
2	7.359	757	769	782	rVB	139518	305608	18.60%	0.936%
3	7.823	843	848	855	rVB2	47653	83278	5.07%	0.255%
4	7.900	855	861	867	rBV3	56026	97076	5.91%	0.297%
5	8.182	897	909	923	rBV	116758	269262	16.39%	0.824%
6	8.452	950	955	960	rBV	78776	150273	9.15%	0.460%
7	8.622	977	984	996	rVB	388708	680663	41.43%	2.084%
8	8.834	1008	1020	1025	rBV4	85091	169789	10.33%	0.520%
9	8.957	1033	1041	1047	rBV	650528	1235075	75.17%	3.782%
10	9.004	1047	1049	1058	rVB2	40329	74981	4.56%	0.230%
11	9.286	1089	1097	1104	rBV	262229	545149	33.18%	1.669%
12	9.474	1123	1129	1134	rBV4	55787	108598	6.61%	0.333%
13	9.615	1147	1153	1158	rBV	160115	292915	17.83%	0.897%
14	9.668	1158	1162	1168	rVB2	60006	116349	7.08%	0.356%
15	9.739	1168	1174	1182	rVB	135941	248266	15.11%	0.760%
16	9.956	1205	1211	1217	rVB	145577	244960	14.91%	0.750%
17	10.103	1227	1236	1241	rBV9	37812	113097	6.88%	0.346%
18	10.168	1241	1247	1250	rBV2	321949	586970	35.73%	1.797%
19	10.203	1250	1253	1258	rVV	335765	511139	31.11%	1.565%
20	10.438	1281	1293	1297	rBV	350390	915818	55.74%	2.804%
21	10.479	1297	1300	1310	rVV	282322	449783	27.38%	1.377%
22	10.638	1320	1327	1332	rVB	157617	295431	17.98%	0.905%
23	10.714	1332	1340	1350	rVB3	123228	258835	15.75%	0.793%
24	10.849	1354	1363	1369	rBV4	242133	707607	43.07%	2.167%
25	10.908	1369	1373	1379	rVV2	250320	441018	26.84%	1.350%
26	11.014	1385	1391	1395	rVV	150539	269473	16.40%	0.825%
27	11.061	1395	1399	1405	rVB2	203745	366270	22.29%	1.122%
28	11.149	1405	1414	1419	rBV2	97792	184076	11.20%	0.564%
29	11.255	1426	1432	1444	rVB3	67641	212058	12.91%	0.649%
30	11.366	1444	1451	1456	rBV2	104944	242818	14.78%	0.744%
31	11.419	1456	1460	1468	rVV3	124821	299796	18.25%	0.918%
32	11.537	1473	1480	1485	rVB3	131053	293422	17.86%	0.898%
33	11.595	1485	1490	1498	rVB4	93352	242581	14.76%	0.743%
34	11.824	1523	1529	1535	rBV2	352737	599109	36.46%	1.834%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG110315\
Data File : BG019449.D
Acq On : 3 Nov 2015 13:05
Operator : UM/NP
Sample : G3996-18DL2 30X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LK7DL2

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-BG102815.M
Title : SVOA CALIBRATION

35	12.024	1557	1563	1567	rBV3	161689	299758	18.24%	0.918%
36	12.071	1567	1571	1575	rVV2	131049	222600	13.55%	0.682%
37	12.165	1581	1587	1595	rVV2	446661	836426	50.91%	2.561%
38	12.242	1595	1600	1605	rVB2	156957	256456	15.61%	0.785%
39	12.388	1619	1625	1630	rVB3	121477	221439	13.48%	0.678%
40	12.524	1639	1648	1650	rBV5	70531	165860	10.10%	0.508%
41	12.659	1665	1671	1676	rBV2	232142	490208	29.84%	1.501%
42	12.817	1696	1698	1702	rVB4	57542	78008	4.75%	0.239%
43	12.870	1702	1707	1717	rVB3	140951	272915	16.61%	0.836%
44	12.958	1717	1722	1727	rBV4	59038	115951	7.06%	0.355%
45	13.011	1727	1731	1736	rBV6	69321	140815	8.57%	0.431%
46	13.076	1736	1742	1747	rVB	303282	454955	27.69%	1.393%
47	13.170	1754	1758	1761	rBV4	71557	106808	6.50%	0.327%
48	13.299	1773	1780	1788	rVB	310695	561560	34.18%	1.720%
49	13.417	1796	1800	1808	rVB	109612	200595	12.21%	0.614%
50	13.534	1814	1820	1827	rBV9	70872	180279	10.97%	0.552%
51	13.611	1827	1833	1838	rBV5	115483	249661	15.20%	0.764%
52	13.781	1857	1862	1869	rVB8	53332	106686	6.49%	0.327%
53	13.869	1869	1877	1884	rBV7	51984	150739	9.17%	0.462%
54	13.945	1884	1890	1893	rBV2	91957	169501	10.32%	0.519%
55	13.987	1893	1897	1905	rVB6	88298	211999	12.90%	0.649%
56	14.151	1917	1925	1930	rBV2	521423	969673	59.02%	2.969%
57	14.304	1944	1951	1956	rBV5	114141	201477	12.26%	0.617%
58	14.615	2000	2004	2009	rBV8	55577	110953	6.75%	0.340%
59	14.686	2009	2016	2020	rVV3	120366	187488	11.41%	0.574%
60	14.815	2029	2038	2046	rBV2	299290	624234	37.99%	1.911%
61	14.950	2055	2061	2067	rVV	819383	1154179	70.25%	3.534%
62	15.097	2082	2086	2092	rBV7	32635	84653	5.15%	0.259%
63	15.203	2098	2104	2112	rVB5	120783	298837	18.19%	0.915%
64	15.279	2113	2117	2122	rBV2	116301	155591	9.47%	0.476%
65	15.573	2162	2167	2173	rVB6	100341	187023	11.38%	0.573%
66	15.632	2173	2177	2180	rBV2	126861	178215	10.85%	0.546%
67	15.667	2180	2183	2189	rVB4	100748	143624	8.74%	0.440%
68	15.738	2189	2195	2200	rBV	620802	876798	53.37%	2.685%
69	15.849	2209	2214	2220	rVB4	80135	139764	8.51%	0.428%
70	16.225	2274	2278	2283	rBV6	70563	119593	7.28%	0.366%
71	16.290	2286	2289	2295	rVB5	50623	85410	5.20%	0.262%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG110315\
Data File : BG019449.D
Acq On : 3 Nov 2015 13:05
Operator : UM/NP
Sample : G3996-18DL2 30X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LK7DL2

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-BG102815.M
Title : SVOA CALIBRATION

72	16.490	2320	2323	2327	rVB	112222	127600	7.77%	0.391%
73	16.625	2342	2346	2358	rVB6	140027	320773	19.52%	0.982%
74	16.830	2376	2381	2388	rVB4	127578	264973	16.13%	0.811%
75	17.283	2453	2458	2465	rBV3	168086	270795	16.48%	0.829%
76	17.553	2498	2504	2508	rBV2	419012	647480	39.41%	1.983%
77	17.594	2508	2511	2516	rVB	102821	134600	8.19%	0.412%
78	17.735	2530	2535	2541	rBV	333885	600232	36.53%	1.838%
79	18.023	2580	2584	2594	rVB2	173332	285585	17.38%	0.874%
80	18.305	2628	2632	2635	rVV	104485	151266	9.21%	0.463%
81	18.611	2680	2684	2690	rBV9	52780	118277	7.20%	0.362%
82	18.669	2691	2694	2697	rVV4	93986	116523	7.09%	0.357%
83	18.705	2697	2700	2708	rVB	189040	251889	15.33%	0.771%
84	19.245	2789	2792	2798	rVB2	72765	100365	6.11%	0.307%
85	19.298	2798	2801	2803	rBV3	67685	74702	4.55%	0.229%
86	19.333	2803	2807	2810	rBV	252656	317720	19.34%	0.973%
87	19.874	2895	2899	2902	rBV	145110	196364	11.95%	0.601%
88	19.903	2902	2904	2910	rVB2	217465	267611	16.29%	0.819%
89	20.432	2991	2994	3000	rVB	243966	289693	17.63%	0.887%
90	20.508	3003	3007	3011	rBV6	58970	106948	6.51%	0.327%
91	20.926	3071	3078	3088	rVB2	894948	1642987	100.00%	5.031%
92	21.448	3162	3167	3175	rVB2	148339	238314	14.50%	0.730%
93	21.589	3186	3191	3200	rVB3	239010	456405	27.78%	1.398%
94	21.836	3227	3233	3240	rVB	523497	885445	53.89%	2.711%
95	21.995	3254	3260	3270	rBV4	258865	640197	38.97%	1.960%
96	22.665	3369	3374	3379	rBV3	119103	232786	14.17%	0.713%
97	22.859	3403	3407	3415	rVB4	99077	176543	10.75%	0.541%
98	23.440	3502	3506	3513	rVB6	57081	106203	6.46%	0.325%
99	25.191	3794	3804	3815	rVB2	291097	860624	52.38%	2.635%
100	25.855	3911	3917	3924	rVB9	34111	77895	4.74%	0.239%

Sum of corrected areas: 32658245

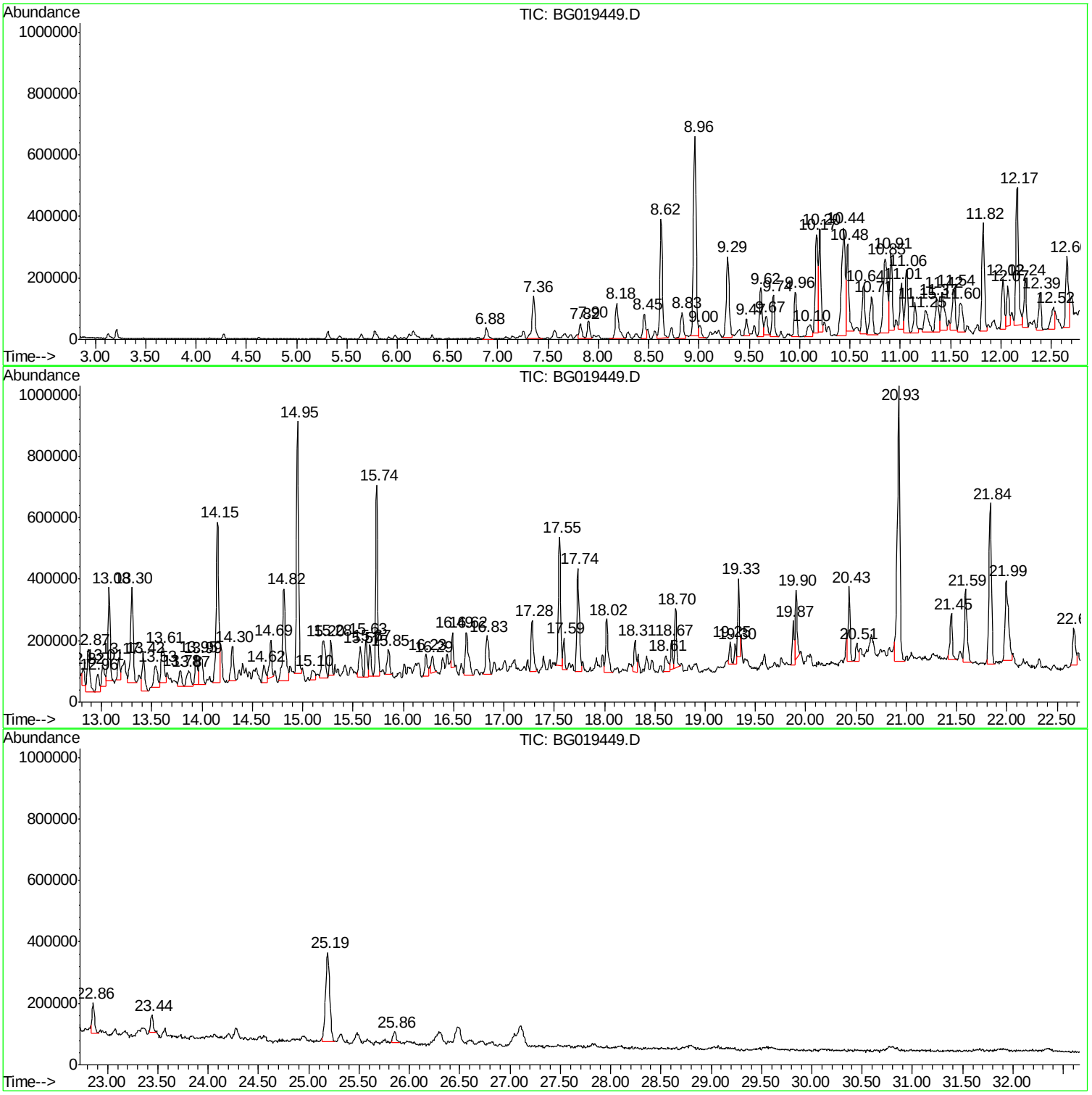
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG110315\
Data File : BG019449.D
Acq On : 3 Nov 2015 13:05
Operator : UM/NP
Sample : G3996-18DL2 30X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LK7DL2

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102815.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\BG110315\
Data File : BG019449.D
Acq On : 3 Nov 2015 13:05
Operator : UM/NP
Sample : G3996-18DL2 30X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LK7DL2

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102815.M
Quant Title : SVOA CALIBRATION

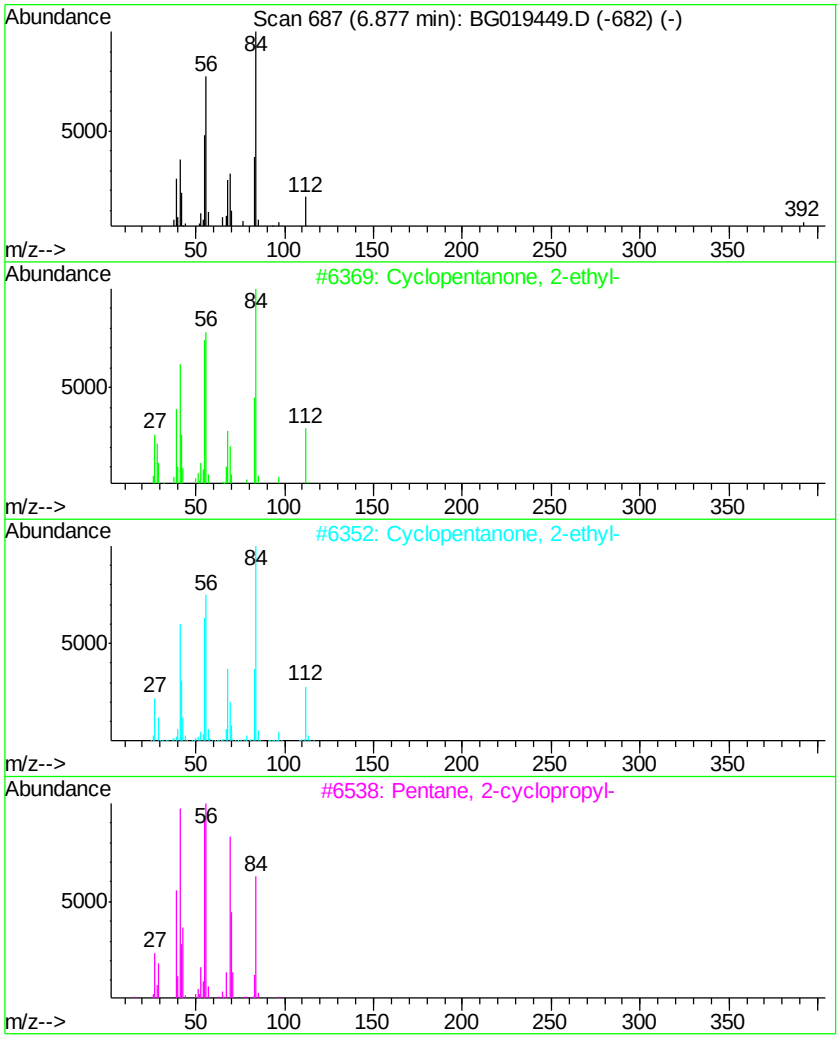
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

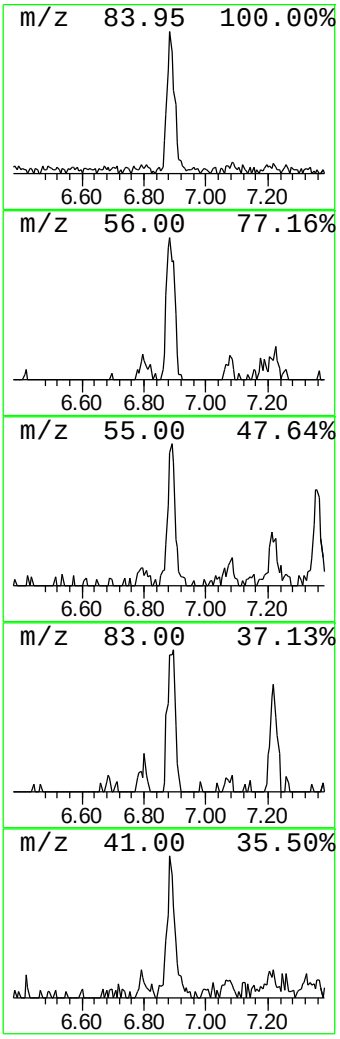
****

Peak Number 1 Cyclopentanone, 2-ethyl- Concentration Rank 55

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.88	5.58 ng/ul	75176	1,4-Dichlorobenzene-d4	8.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentanone, 2-ethyl-	112	C7H12O	004971-18-0	91
2	Cyclopentanone, 2-ethyl-	112	C7H12O	004971-18-0	80
3	Pentane, 2-cyclopropyl-	112	C8H16	005458-16-2	50
4	.alpha.-Pyrrolidone, 5-acetoxyme...	157	C7H11NO3	1000125-94-1	43
5	Cyclohexane	84	C6H12	000110-82-7	43





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG110315\
Data File : BG019449.D
Acq On : 3 Nov 2015 13:05
Operator : UM/NP
Sample : G3996-18DL2 30X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LK7DL2

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102815.M
Quant Title : SVOA CALIBRATION

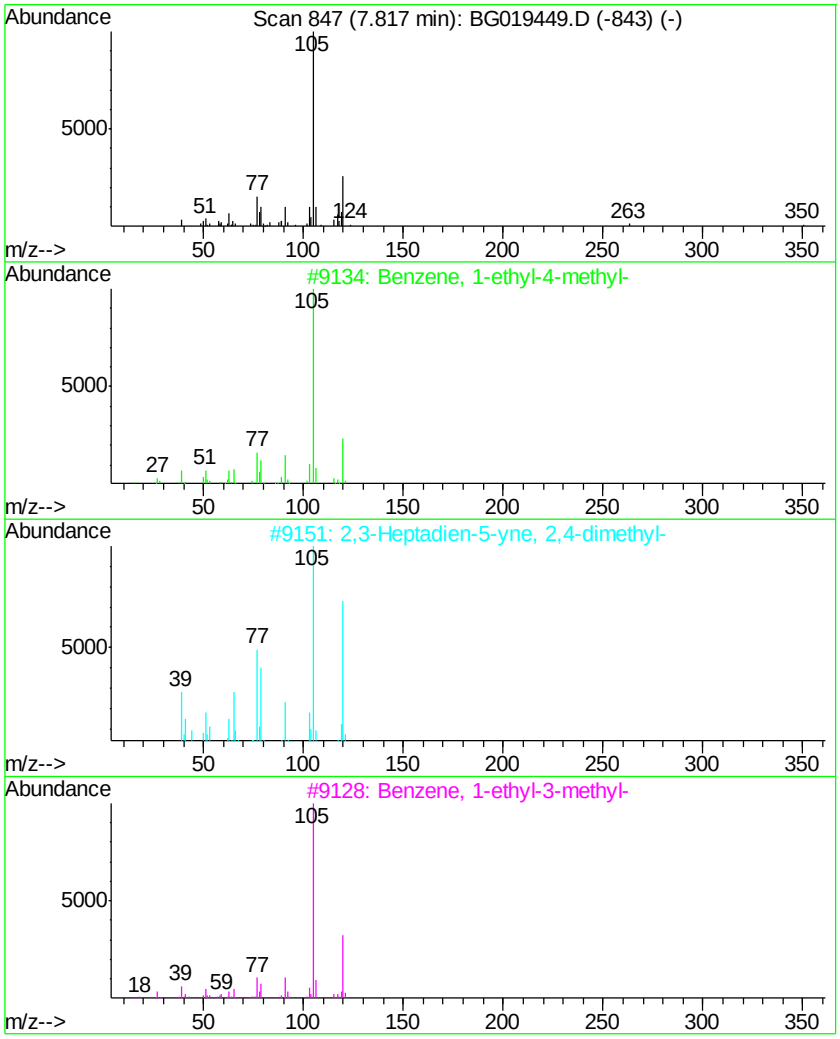
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

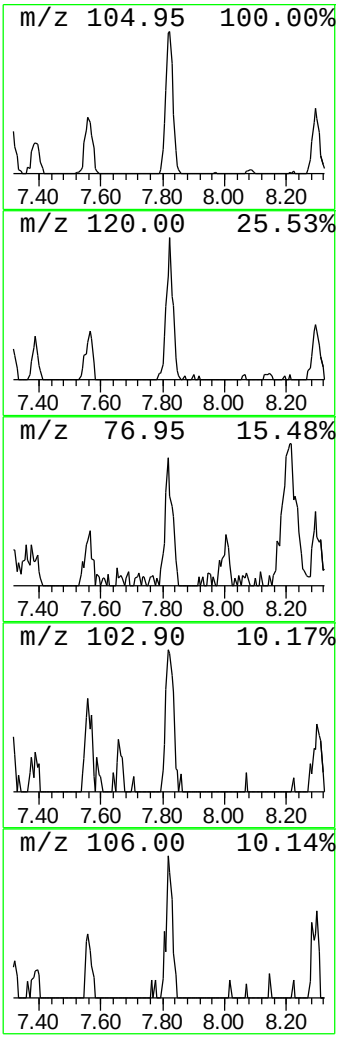
****

Peak Number 2 Benzene, 1-ethyl-4-methyl- Concentration Rank 48

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.82	6.19 ng/ul	83278	1,4-Dichlorobenzene-d4	8.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	64
2	2,3-Heptadien-5-yne, 2,4-dimethyl-	120	C9H12	041898-89-9	64
3	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	58
4	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	58
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	58





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG110315\
Data File : BG019449.D
Acq On : 3 Nov 2015 13:05
Operator : UM/NP
Sample : G3996-18DL2 30X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LK7DL2

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102815.M
Quant Title : SVOA CALIBRATION

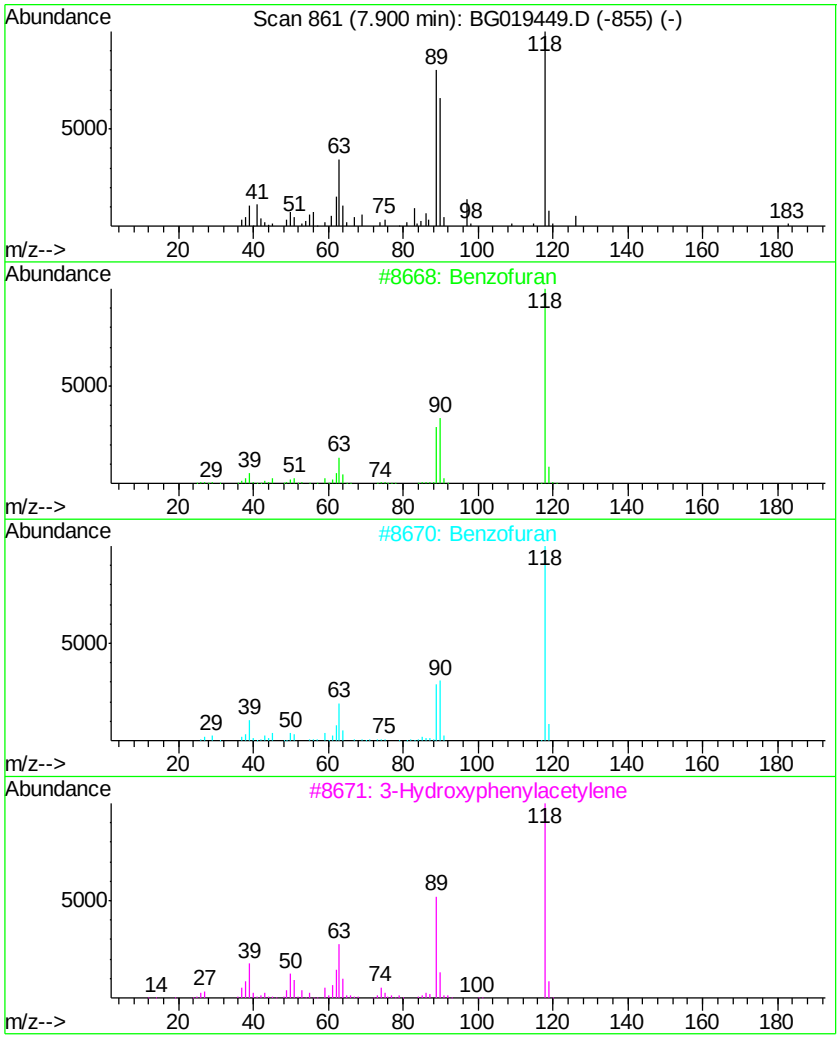
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

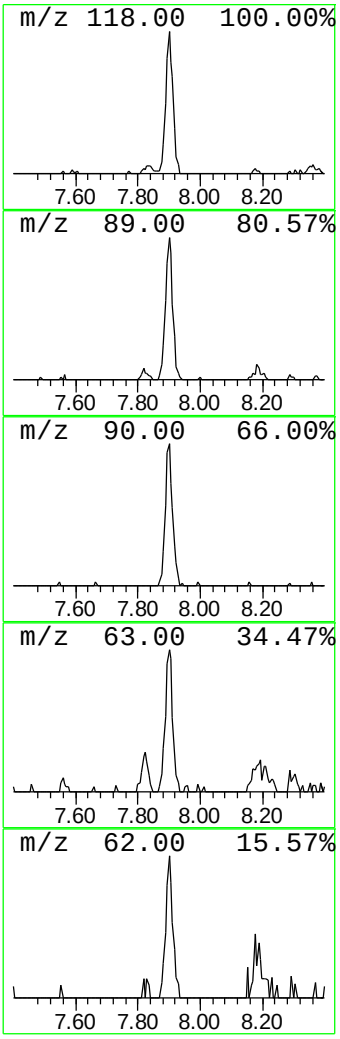
****

Peak Number 3 Benzofuran Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.90	7.21 ng/ul	97076	1,4-Dichlorobenzene-d4	8.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzofuran	118	C8H6O	000271-89-6	91
2	Benzofuran	118	C8H6O	000271-89-6	91
3	3-Hydroxyphenylacetylene	118	C8H6O	010401-11-3	90
4	Benzocyclobuten-1(2H)-one	118	C8H6O	003469-06-5	80
5	Ethyl-.alpha.-bromophenyl acetate	242	C10H11BrO2	002882-19-1	72





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG110315\
Data File : BG019449.D
Acq On : 3 Nov 2015 13:05
Operator : UM/NP
Sample : G3996-18DL2 30X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LK7DL2

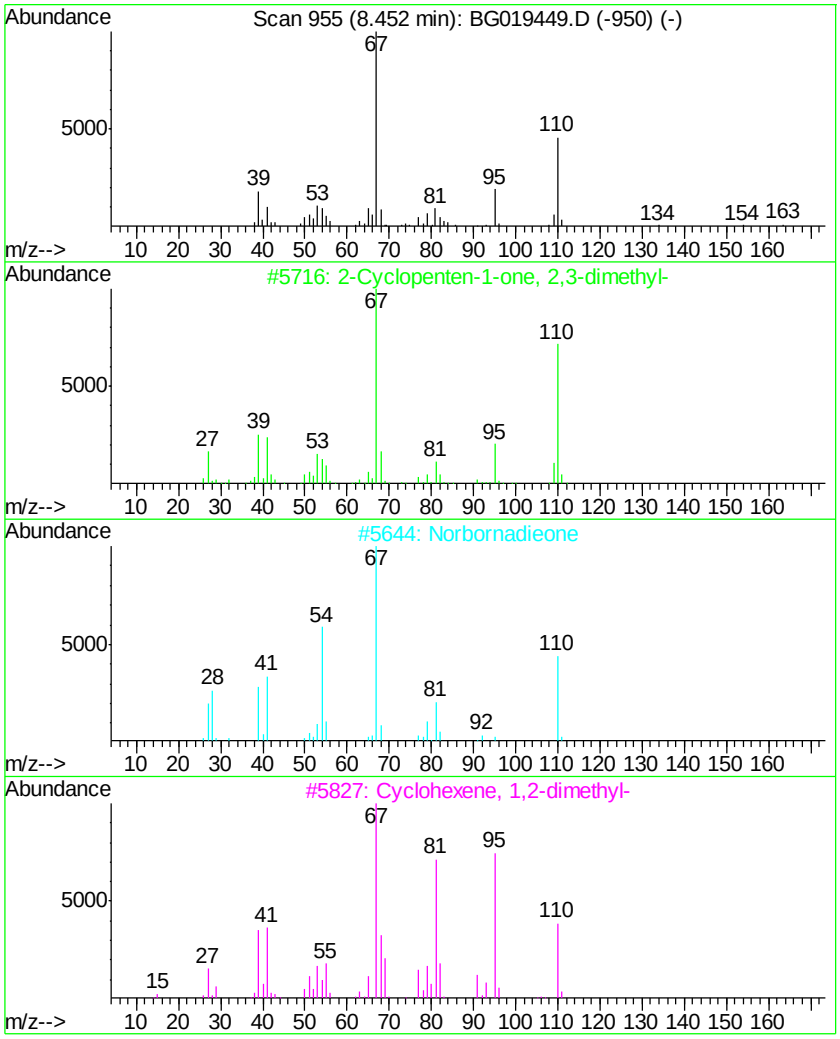
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102815.M
Quant Title : SVOA CALIBRATION

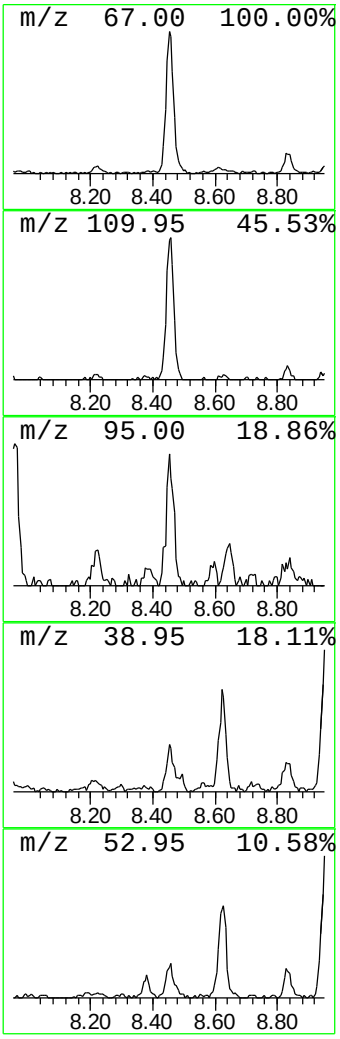
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 2-Cyclopenten-1-one, 2,3-di... Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.45	11.16 ng/ul	150273	1,4-Dichlorobenzene-d4	8.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Cyclopenten-1-one, 2,3-dimethyl-	110	C7H10O	001121-05-7	91
2	Norbornadieone	110	C7H10O	010218-02-7	64
3	Cyclohexene, 1,2-dimethyl-	110	C8H14	001674-10-8	64
4	Cyclopentene, 1-propyl-	110	C8H14	003074-61-1	59
5	1,4-Pentadiene, 3-methyl-	82	C6H10	001115-08-8	52





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG110315\
Data File : BG019449.D
Acq On : 3 Nov 2015 13:05
Operator : UM/NP
Sample : G3996-18DL2 30X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LK7DL2

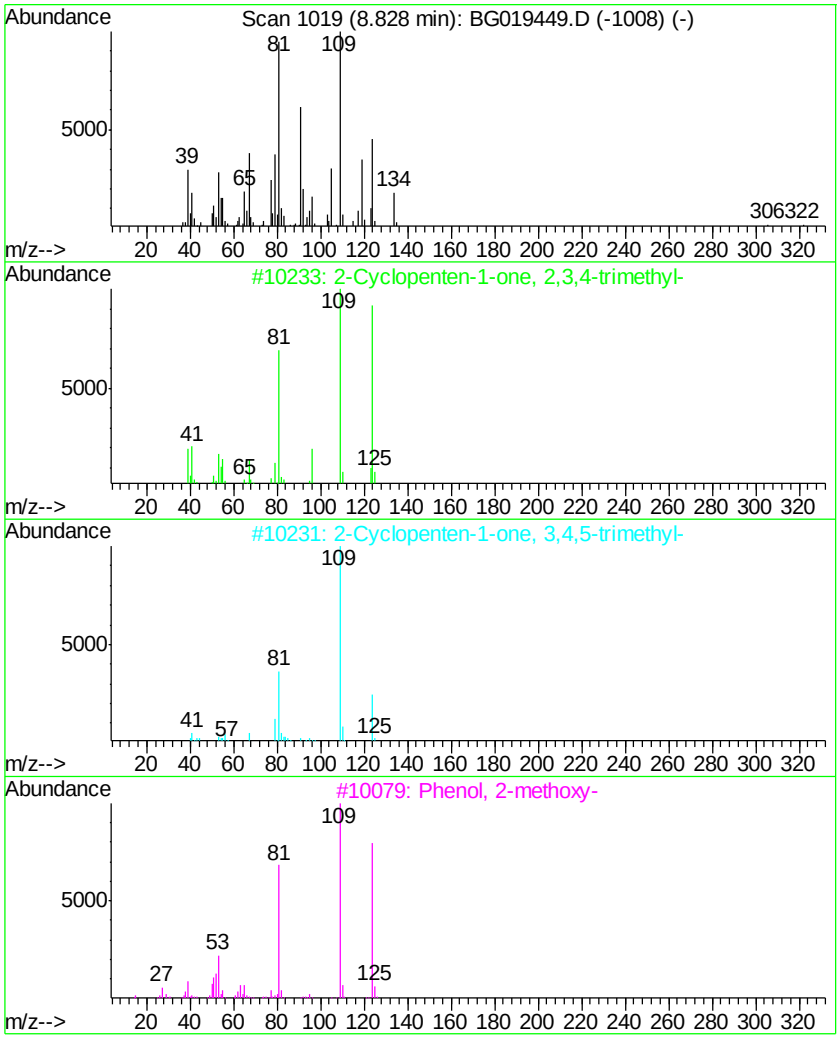
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102815.M
Quant Title : SVOA CALIBRATION

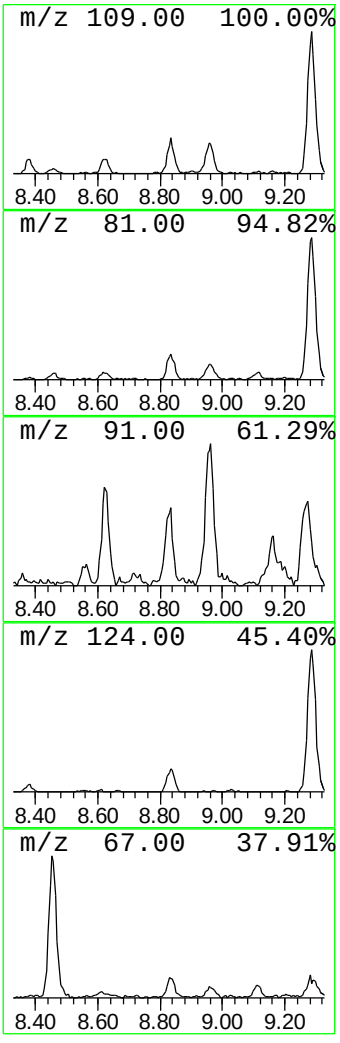
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 2-Cyclopenten-1-one, 2,3,4-... Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.83	12.61 ng/ul	169789	1,4-Dichlorobenzene-d4	8.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Cyclopenten-1-one, 2,3,4-trime...	124	C8H12O	028790-86-5	86
2	2-Cyclopenten-1-one, 3,4,5-trime...	124	C8H12O	055683-21-1	68
3	Phenol, 2-methoxy-	124	C7H8O2	000090-05-1	64
4	2-Cyclopenten-1-one, 3,4,4-trime...	124	C8H12O	030434-65-2	64
5	Phenol, 2-methoxy-	124	C7H8O2	000090-05-1	58





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG110315\
Data File : BG019449.D
Acq On : 3 Nov 2015 13:05
Operator : UM/NP
Sample : G3996-18DL2 30X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LK7DL2

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102815.M
Quant Title : SVOA CALIBRATION

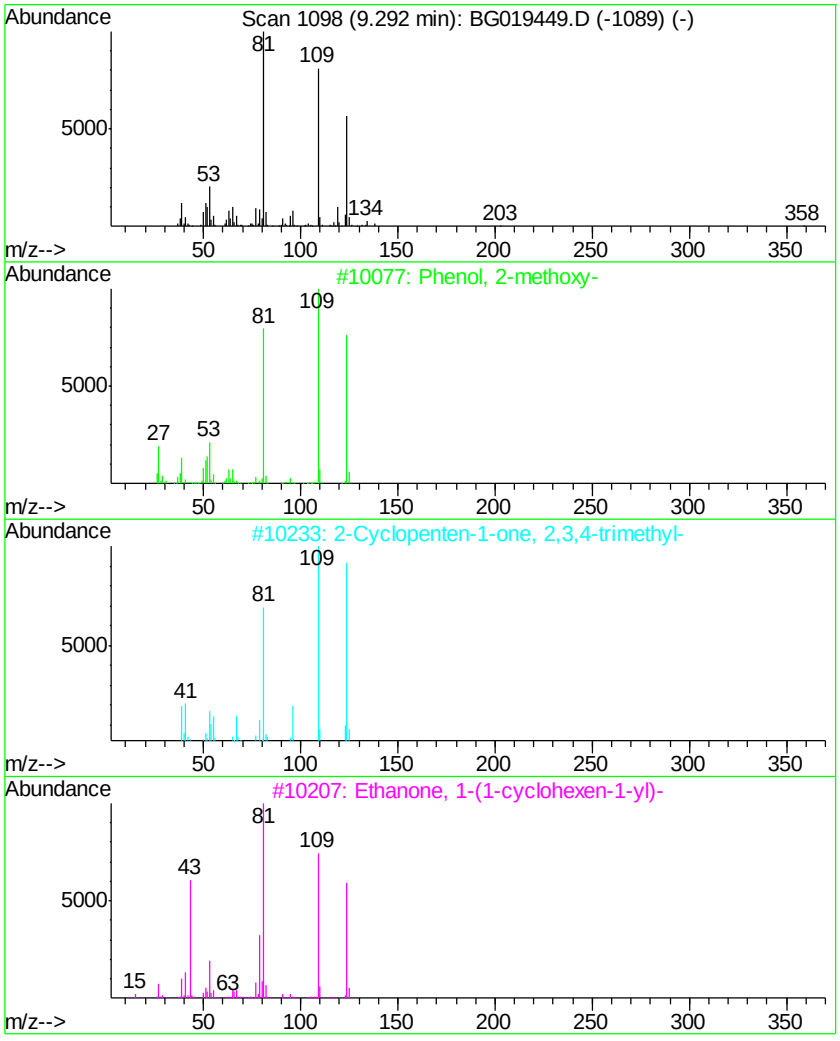
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

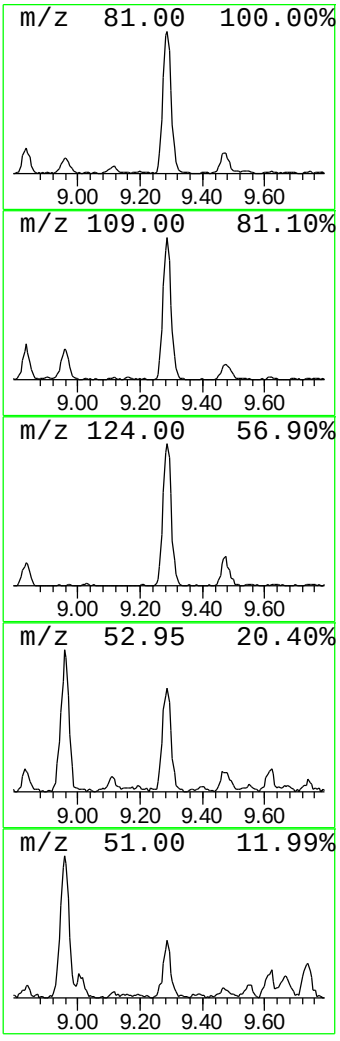
****

Peak Number 6 Phenol, 2-methoxy- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.29	40.49 ng/ul	545149	1,4-Dichlorobenzene-d4	8.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2-methoxy-	124	C7H8O2	000090-05-1	93
2	2-Cyclopenten-1-one, 2,3,4-trime...	124	C8H12O	028790-86-5	91
3	Ethanone, 1-(1-cyclohexen-1-yl)-	124	C8H12O	000932-66-1	90
4	Phenol, 2-methoxy-	124	C7H8O2	000090-05-1	90
5	2-Cyclopenten-1-one, 3,4,4-trime...	124	C8H12O	030434-65-2	87





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG110315\
Data File : BG019449.D
Acq On : 3 Nov 2015 13:05
Operator : UM/NP
Sample : G3996-18DL2 30X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LK7DL2

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102815.M
Quant Title : SVOA CALIBRATION

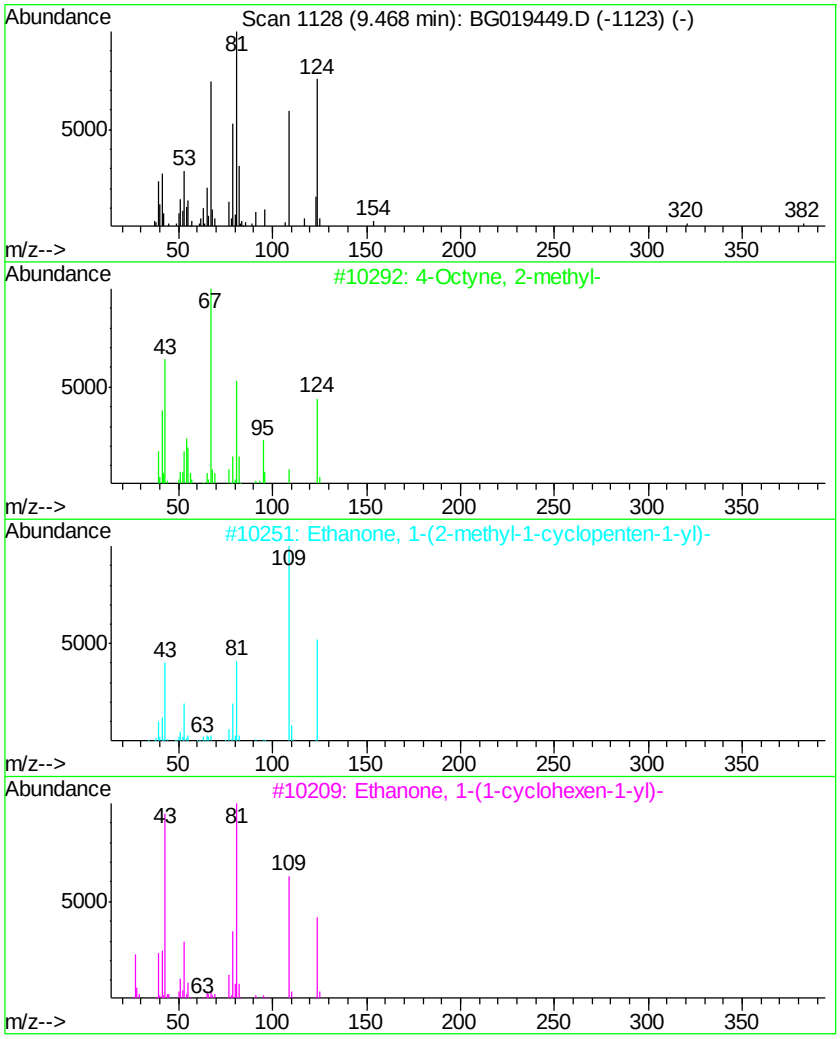
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

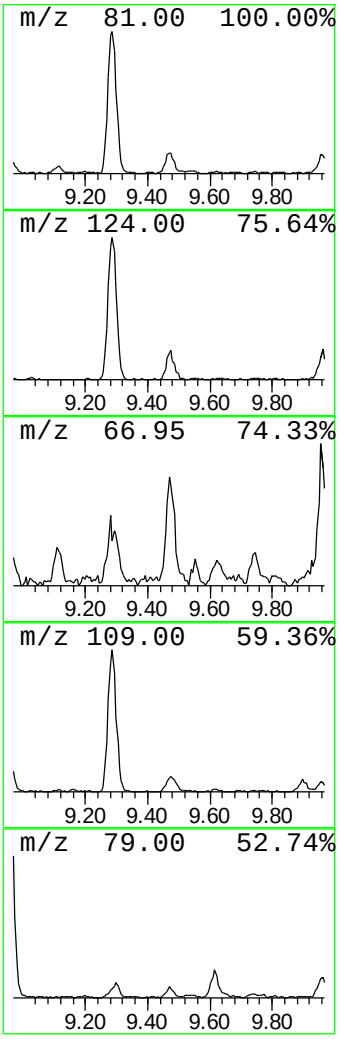
****

Peak Number 7 4-Octyne, 2-methyl- Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.47	8.07 ng/ul	108598	1,4-Dichlorobenzene-d4	8.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Octyne, 2-methyl-	124	C9H16	010306-94-2	52
2	Ethanone, 1-(2-methyl-1-cyclopen...	124	C8H12O	003168-90-9	52
3	Ethanone, 1-(1-cyclohexen-1-yl)-	124	C8H12O	000932-66-1	50
4	Cyclohexene,1-propyl-	124	C9H16	002539-75-5	50
5	2-Cyclopenten-1-one, 3,5,5-trime...	124	C8H12O	024156-95-4	47





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG110315\
Data File : BG019449.D
Acq On : 3 Nov 2015 13:05
Operator : UM/NP
Sample : G3996-18DL2 30X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LK7DL2

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102815.M
Quant Title : SVOA CALIBRATION

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

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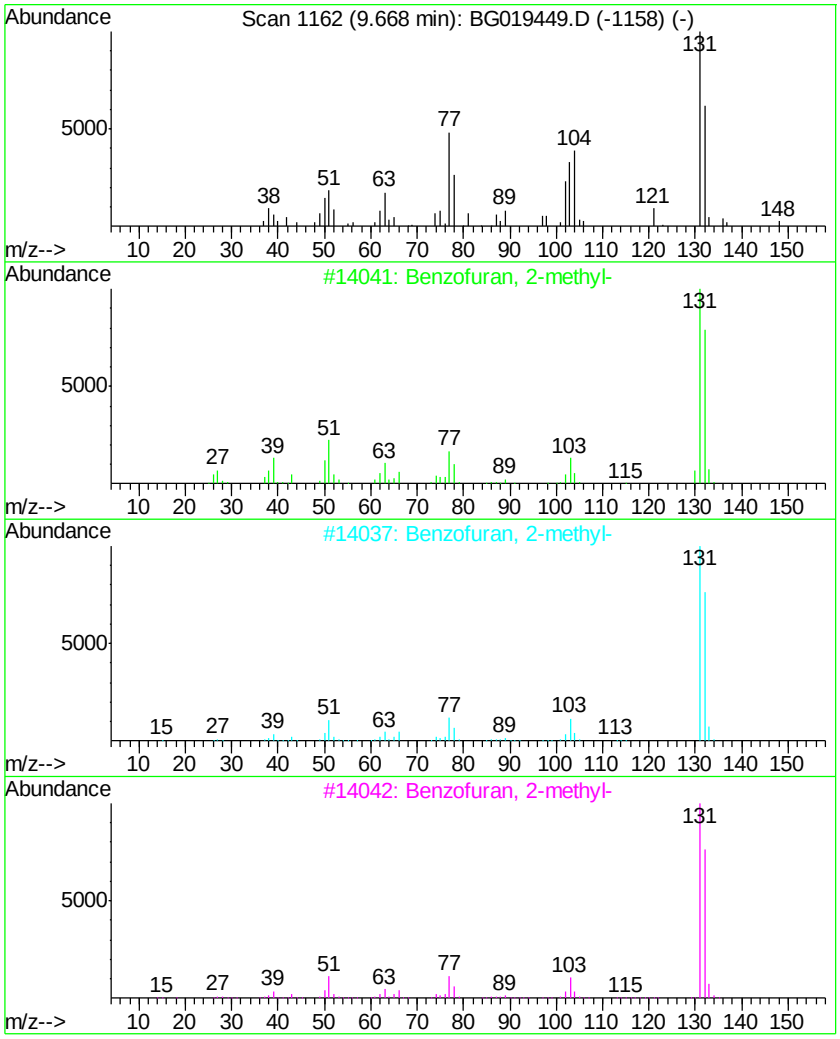
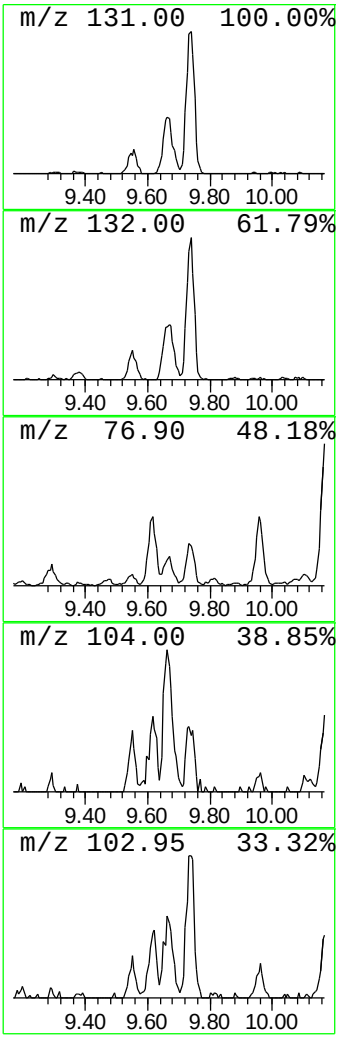
Peak Number 9 Benzofuran, 2-methyl- Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.67	8.64 ng/ul	116349	Naphthalene-d8	11.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	81
2	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	81
3	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	81
4	2-Methoxyphenylacetylene	132	C9H8O	000767-91-9	72
5	Benzopyrimidine, 3,4-dihydro-	132	C8H8N2	001904-64-9	64





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG110315\
Data File : BG019449.D
Acq On : 3 Nov 2015 13:05
Operator : UM/NP
Sample : G3996-18DL2 30X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LK7DL2

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102815.M
Quant Title : SVOA CALIBRATION

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

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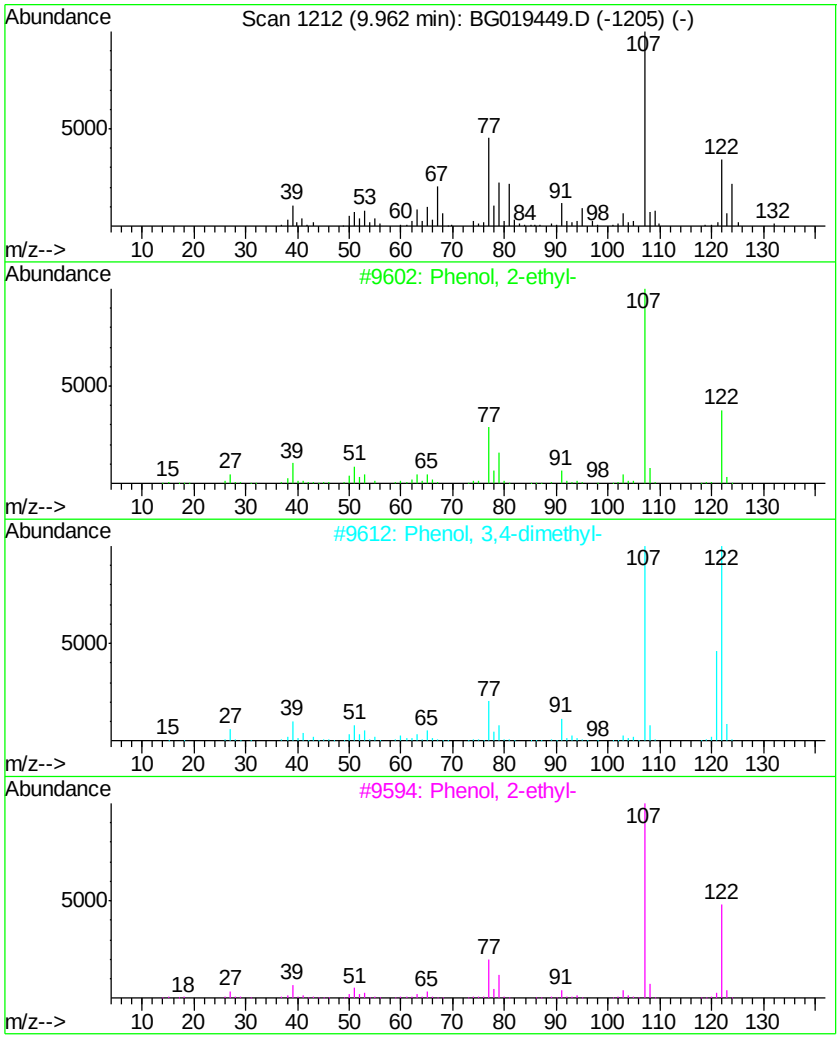
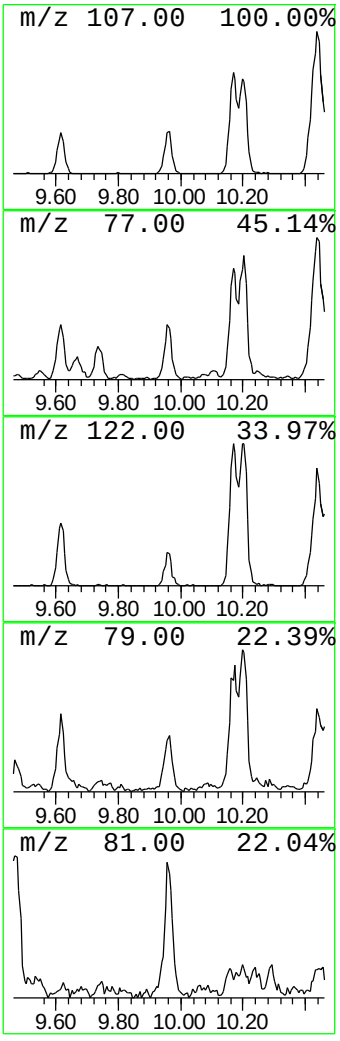
Peak Number 11 Phenol, 2-ethyl- Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.96	18.18 ng/ul	244960	Naphthalene-d8	11.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2-ethyl-	122	C8H10O	000090-00-6	89
2	Phenol, 3,4-dimethyl-	122	C8H10O	000095-65-8	68
3	Phenol, 2-ethyl-	122	C8H10O	000090-00-6	64
4	Phenol, 2-ethyl-	122	C8H10O	000090-00-6	62
5	Phenol, 4-ethyl-	122	C8H10O	000123-07-9	53





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG110315\
Data File : BG019449.D
Acq On : 3 Nov 2015 13:05
Operator : UM/NP
Sample : G3996-18DL2 30X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LK7DL2

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102815.M
Quant Title : SVOA CALIBRATION

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

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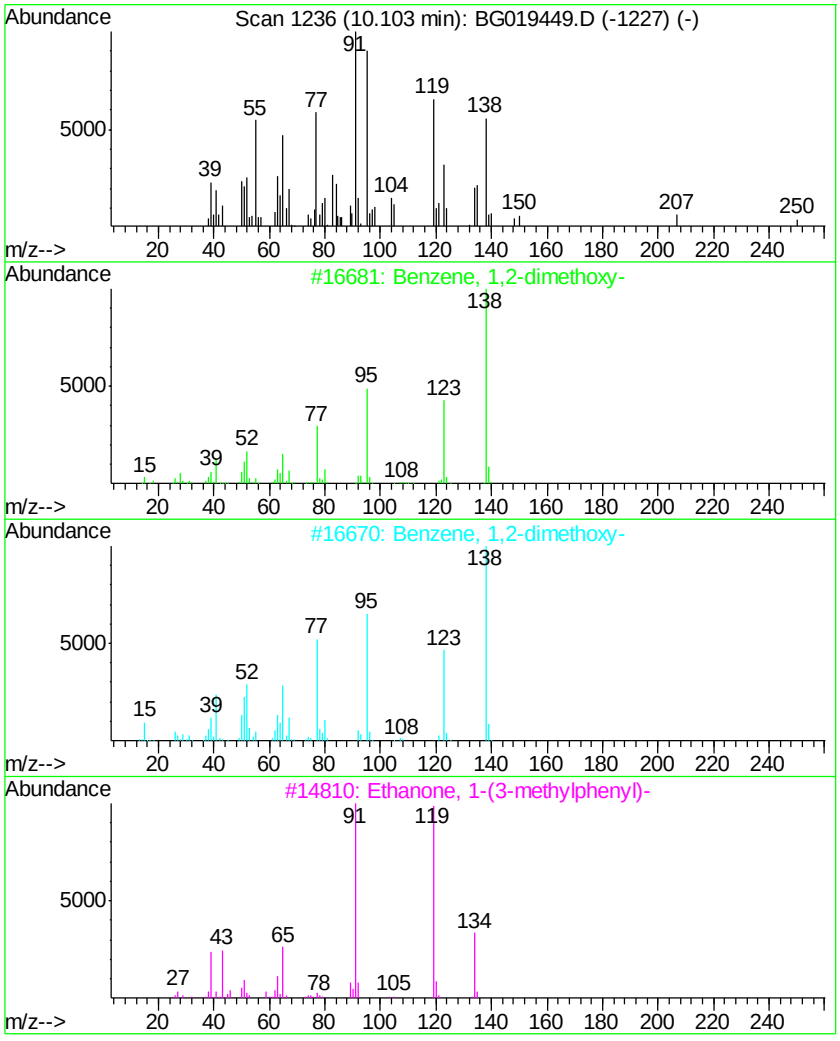
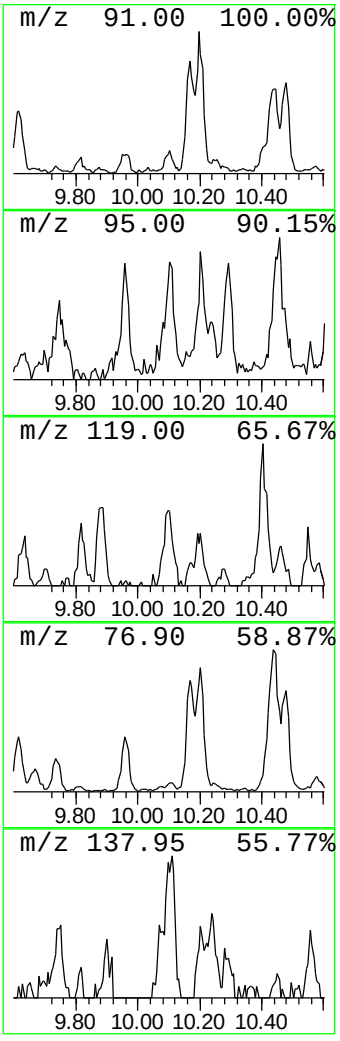
Peak Number 12 Benzene, 1,2-dimethoxy- Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.10	8.39 ng/ul	113097	Naphthalene-d8	11.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2-dimethoxy-	138	C8H10O2	000091-16-7	50
2	Benzene, 1,2-dimethoxy-	138	C8H10O2	000091-16-7	50
3	Ethanone, 1-(3-methylphenyl)-	134	C9H10O	000585-74-0	42
4	o-Nitroaniline	138	C6H6N2O2	000088-74-4	38
5	o-Nitroaniline	138	C6H6N2O2	000088-74-4	30





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Data File : BG019449.D
Acq On : 3 Nov 2015 13:05
Operator : UM/NP
Sample : G3996-18DL2 30X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LK7DL2

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102815.M
Quant Title : SVOA CALIBRATION

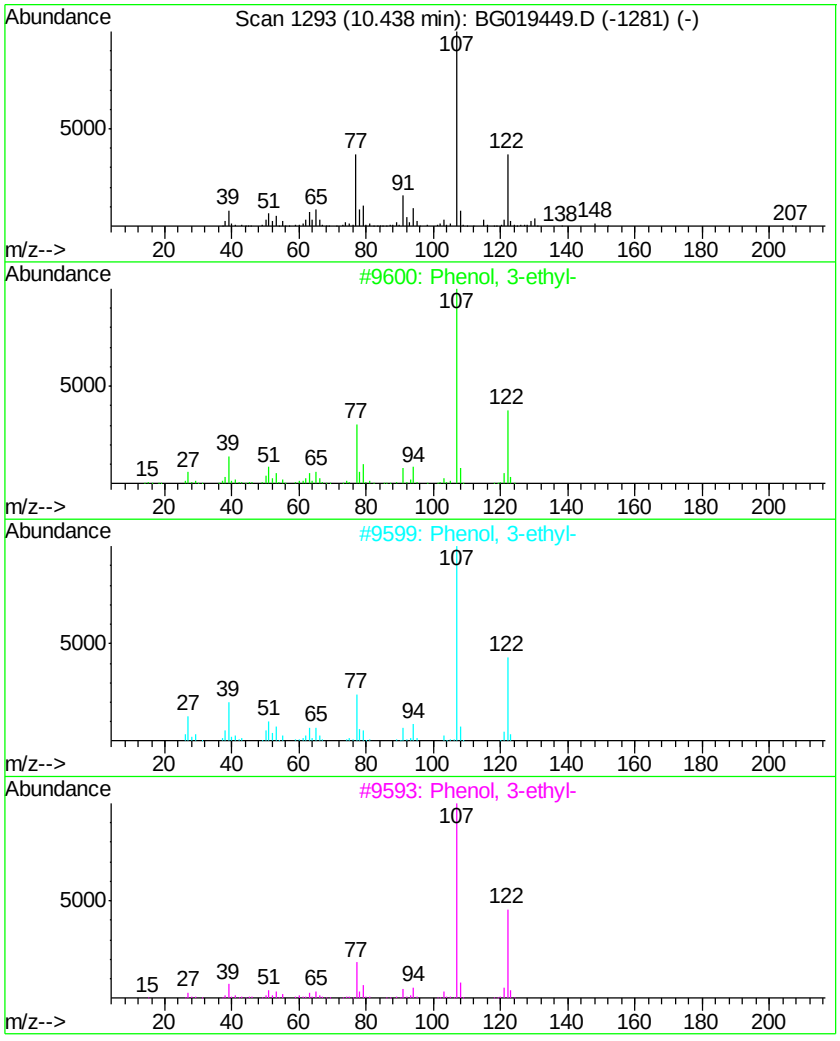
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

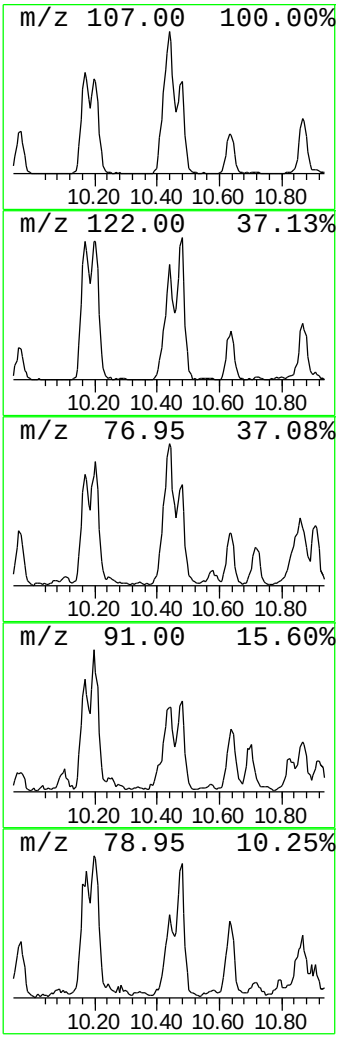
****

Peak Number 13 Phenol, 3-ethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.44	67.97 ng/ul	915818	Naphthalene-d8	11.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 3-ethyl-	122	C8H10O	000620-17-7	91
2	Phenol, 3-ethyl-	122	C8H10O	000620-17-7	90
3	Phenol, 3-ethyl-	122	C8H10O	000620-17-7	87
4	Phenol, 2-ethyl-	122	C8H10O	000090-00-6	80
5	Phenol, 4-ethyl-	122	C8H10O	000123-07-9	74





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Data File : BG019449.D
Acq On : 3 Nov 2015 13:05
Operator : UM/NP
Sample : G3996-18DL2 30X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LK7DL2

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102815.M
Quant Title : SVOA CALIBRATION

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

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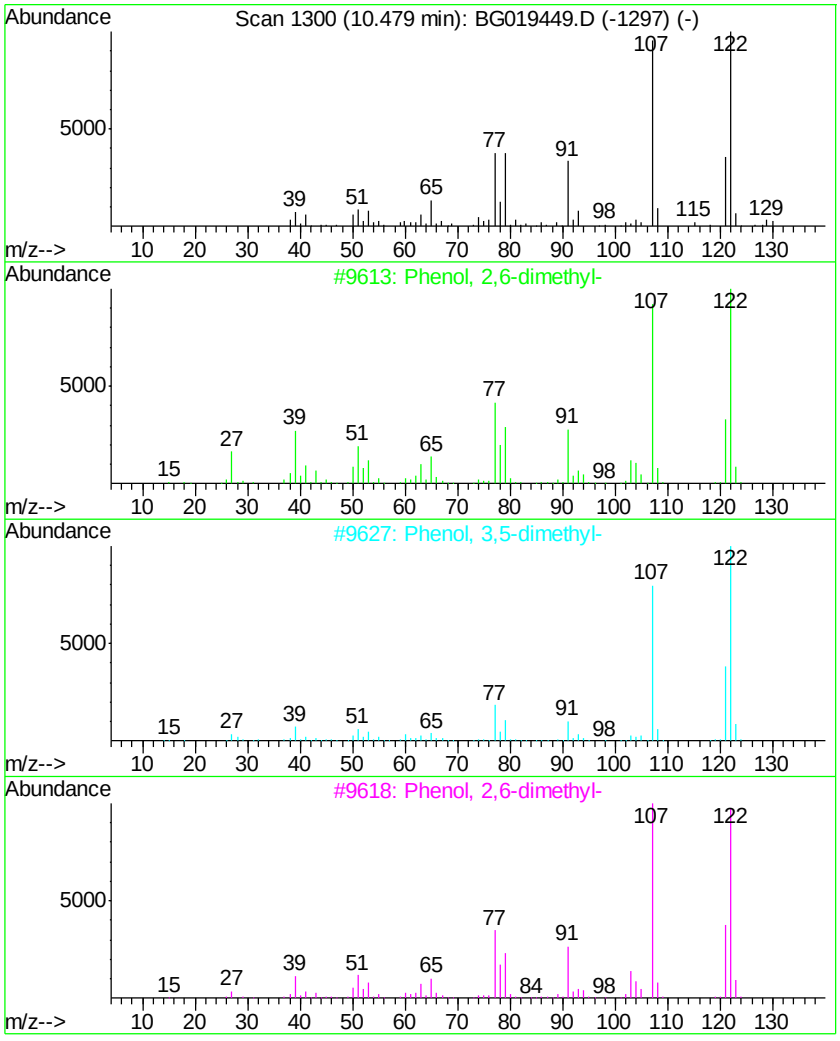
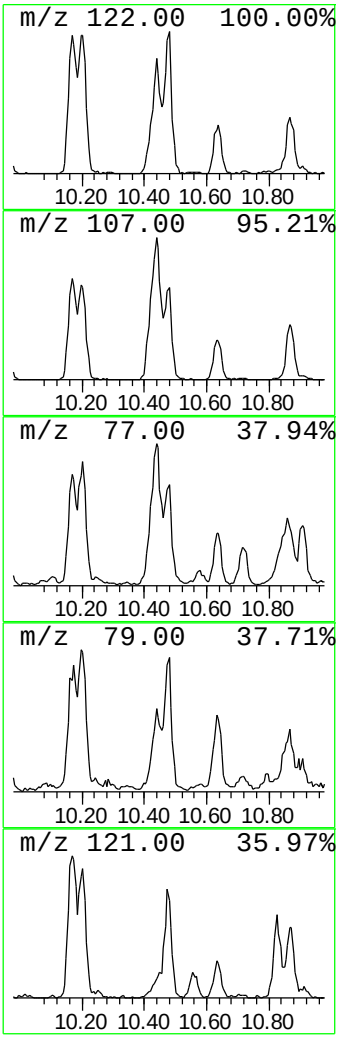
Peak Number 14 Phenol, 2,6-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.48	33.38 ng/ul	449783	Naphthalene-d8	11.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2,6-dimethyl-	122	C8H10O	000576-26-1	91
2	Phenol, 3,5-dimethyl-	122	C8H10O	000108-68-9	91
3	Phenol, 2,6-dimethyl-	122	C8H10O	000576-26-1	90
4	Phenol, 2,5-dimethyl-	122	C8H10O	000095-87-4	90
5	Phenol, 2,3-dimethyl-	122	C8H10O	000526-75-0	90





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Data File : BG019449.D
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Operator : UM/NP
Sample : G3996-18DL2 30X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LK7DL2

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102815.M
Quant Title : SVOA CALIBRATION

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

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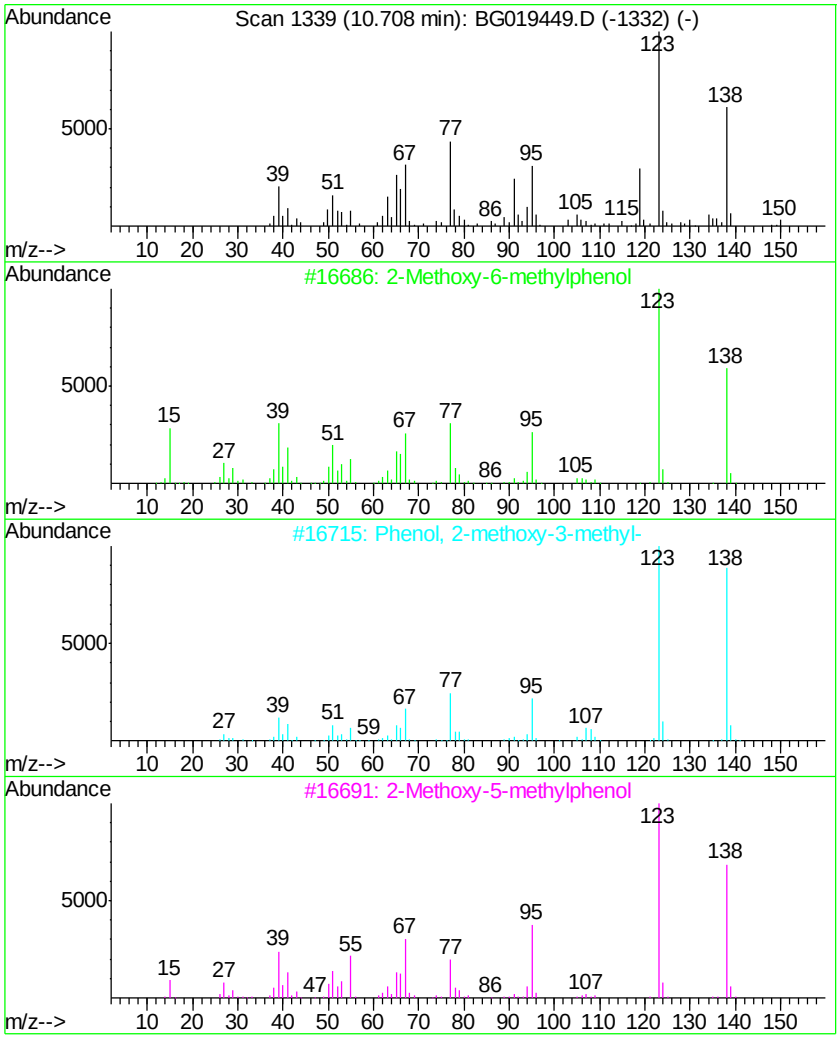
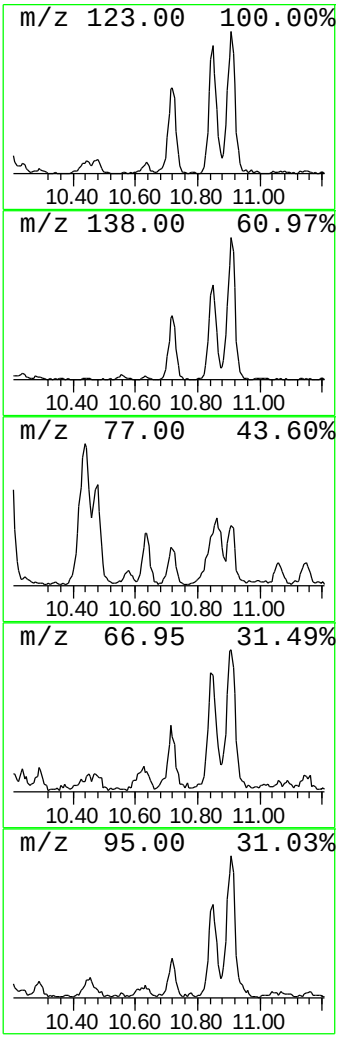
Peak Number 16 2-Methoxy-6-methylphenol Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.71	19.21 ng/ul	258835	Naphthalene-d8	11.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Methoxy-6-methylphenol	138	C8H10O2	002896-67-5	91
2	Phenol, 2-methoxy-3-methyl-	138	C8H10O2	018102-31-3	87
3	2-Methoxy-5-methylphenol	138	C8H10O2	001195-09-1	76
4	2-Methoxy-5-methylphenol	138	C8H10O2	001195-09-1	68
5	1,3-Benzenediol, 4-ethyl-	138	C8H10O2	002896-60-8	60





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Data File : BG019449.D
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Operator : UM/NP
Sample : G3996-18DL2 30X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LK7DL2

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102815.M
Quant Title : SVOA CALIBRATION

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

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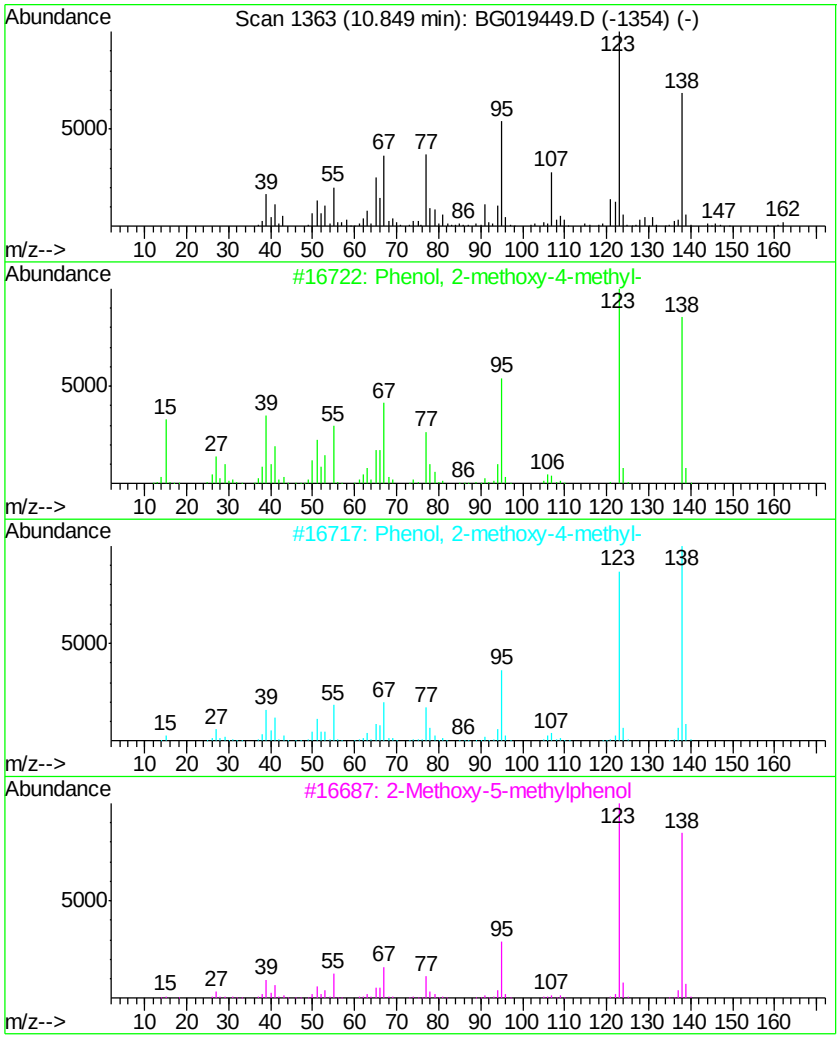
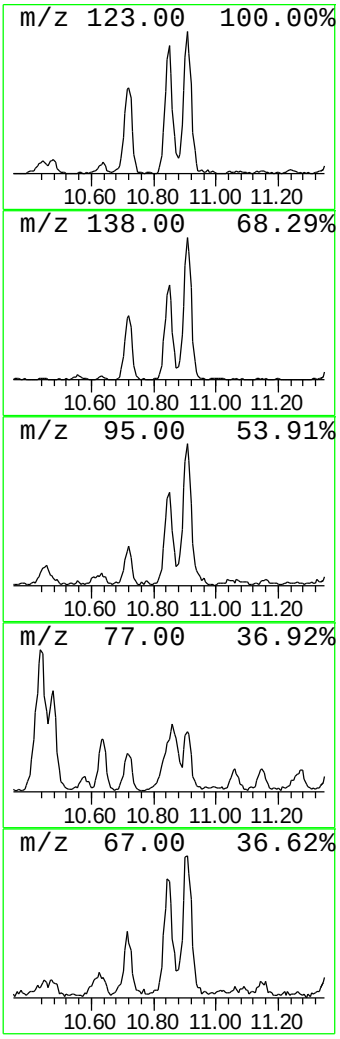
Peak Number 17 Phenol, 2-methoxy-4-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.85	52.52 ng/ul	707607	Naphthalene-d8	11.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2-methoxy-4-methyl-	138	C8H10O2	000093-51-6	87
2	Phenol, 2-methoxy-4-methyl-	138	C8H10O2	000093-51-6	87
3	2-Methoxy-5-methylphenol	138	C8H10O2	001195-09-1	87
4	Phenol, 2-methoxy-4-methyl-	138	C8H10O2	000093-51-6	80
5	2-Methoxy-6-methylphenol	138	C8H10O2	002896-67-5	68





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Data File : BG019449.D
Acq On : 3 Nov 2015 13:05
Operator : UM/NP
Sample : G3996-18DL2 30X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LK7DL2

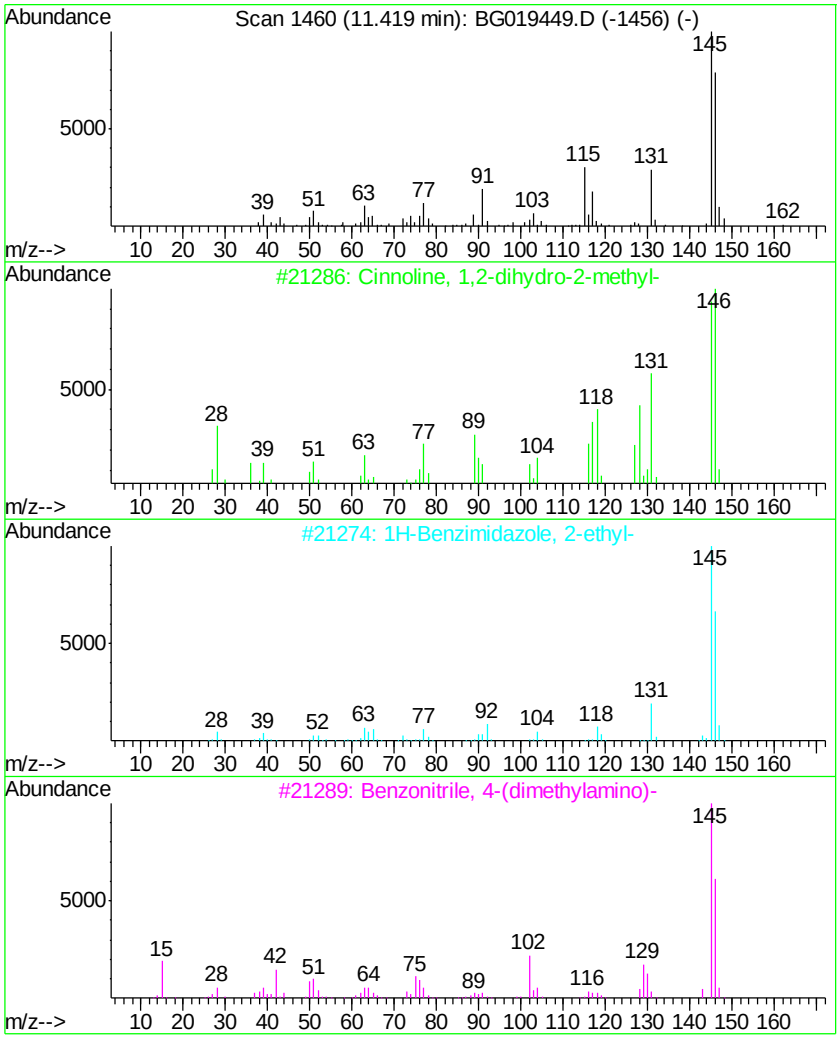
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102815.M
Quant Title : SVOA CALIBRATION

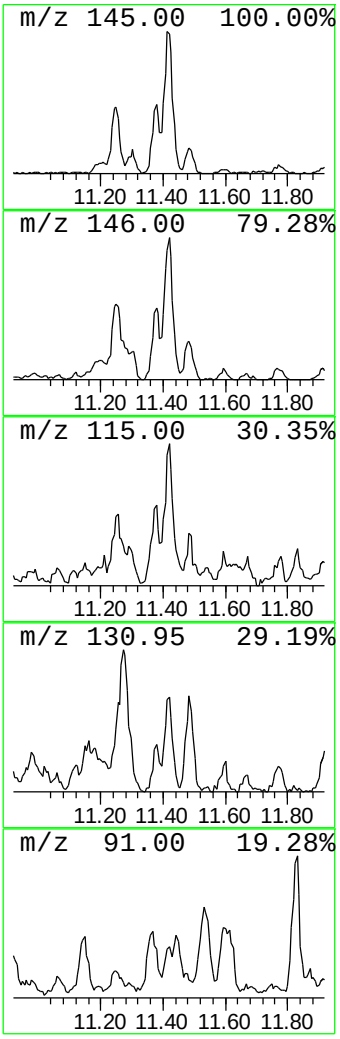
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 21 Cinnoline, 1,2-dihydro-2-me... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.42	22.25 ng/ul	299796	Naphthalene-d8	11.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cinnoline, 1,2-dihydro-2-methyl-	146	C9H10N2	054063-10-4	83
2	1H-Benzimidazole, 2-ethyl-	146	C9H10N2	001848-84-6	59
3	Benzonitrile, 4-(dimethylamino)-	146	C9H10N2	001197-19-9	58
4	Benzonitrile, 4-(dimethylamino)-	146	C9H10N2	001197-19-9	53
5	Benzonitrile, 4-(dimethylamino)-	146	C9H10N2	001197-19-9	53





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Data File : BG019449.D
Acq On : 3 Nov 2015 13:05
Operator : UM/NP
Sample : G3996-18DL2 30X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LK7DL2

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102815.M
Quant Title : SVOA CALIBRATION

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

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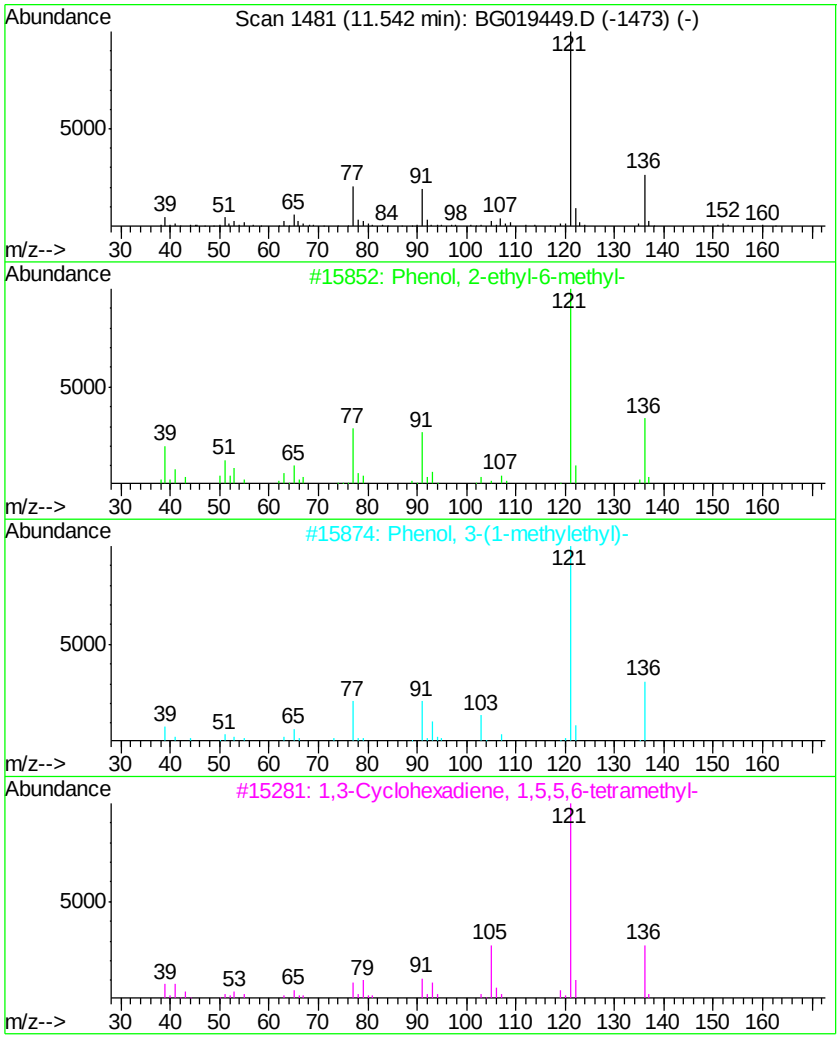
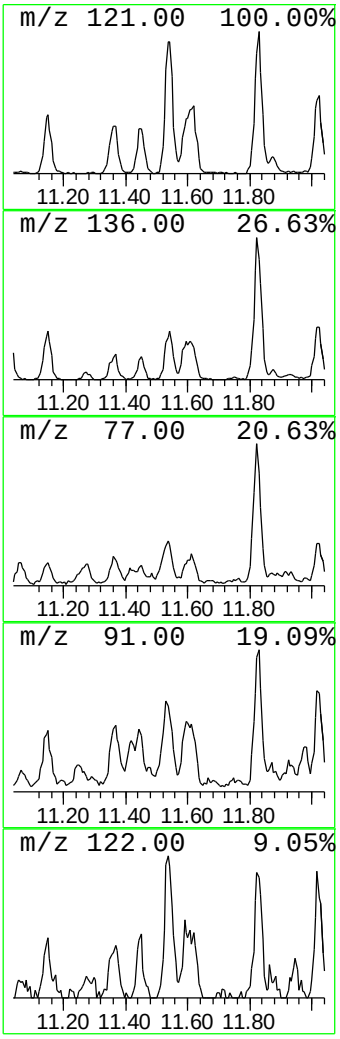
Peak Number 22 Phenol, 2-ethyl-6-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.54	21.78 ng/ul	293422	Naphthalene-d8	11.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2-ethyl-6-methyl-	136	C9H12O	001687-64-5	86
2	Phenol, 3-(1-methylethyl)-	136	C9H12O	000618-45-1	80
3	1,3-Cyclohexadiene, 1,5,5,6-tetr...	136	C10H16	000514-94-3	72
4	Hydrazine, 1-(4-ethylphenyl)-	136	C8H12N2	054840-34-5	72
5	Phenol, 4-ethyl-3-methyl-	136	C9H12O	001123-94-0	72





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG110315\
Data File : BG019449.D
Acq On : 3 Nov 2015 13:05
Operator : UM/NP
Sample : G3996-18DL2 30X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LK7DL2

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102815.M
Quant Title : SVOA CALIBRATION

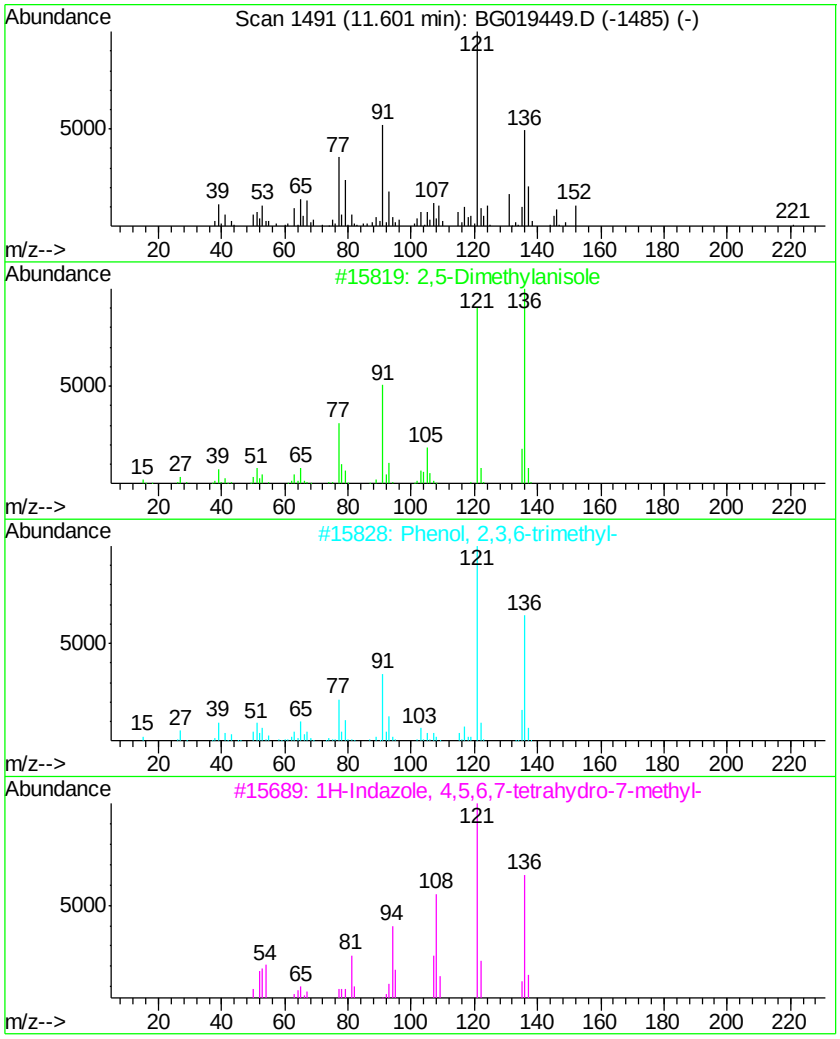
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

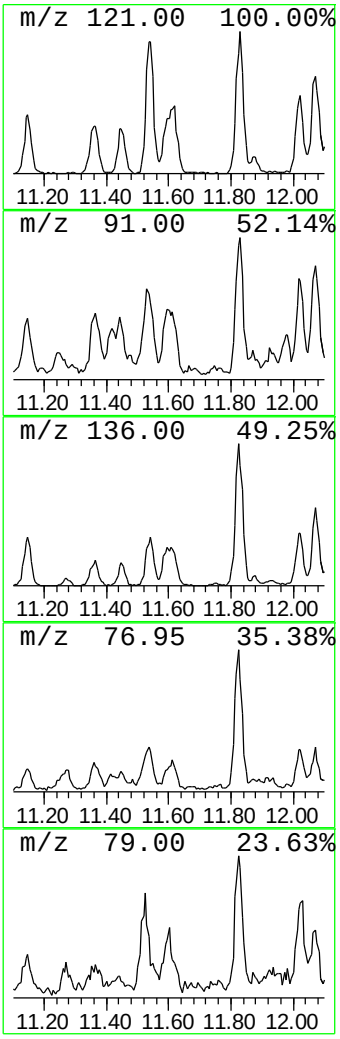
****

Peak Number 23 2,5-Dimethylanisole Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.60	18.00 ng/ul	242581	Naphthalene-d8	11.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,5-Dimethylanisole	136	C9H12O	001706-11-2	64
2	Phenol, 2,3,6-trimethyl-	136	C9H12O	002416-94-6	64
3	1H-Indazole, 4,5,6,7-tetrahydro-...	136	C8H12N2	032286-94-5	64
4	Phenol, 2,3,6-trimethyl-	136	C9H12O	002416-94-6	64
5	2,6-Dimethylanisole	136	C9H12O	001004-66-6	60





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG110315\
Data File : BG019449.D
Acq On : 3 Nov 2015 13:05
Operator : UM/NP
Sample : G3996-18DL2 30X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LK7DL2

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102815.M
Quant Title : SVOA CALIBRATION

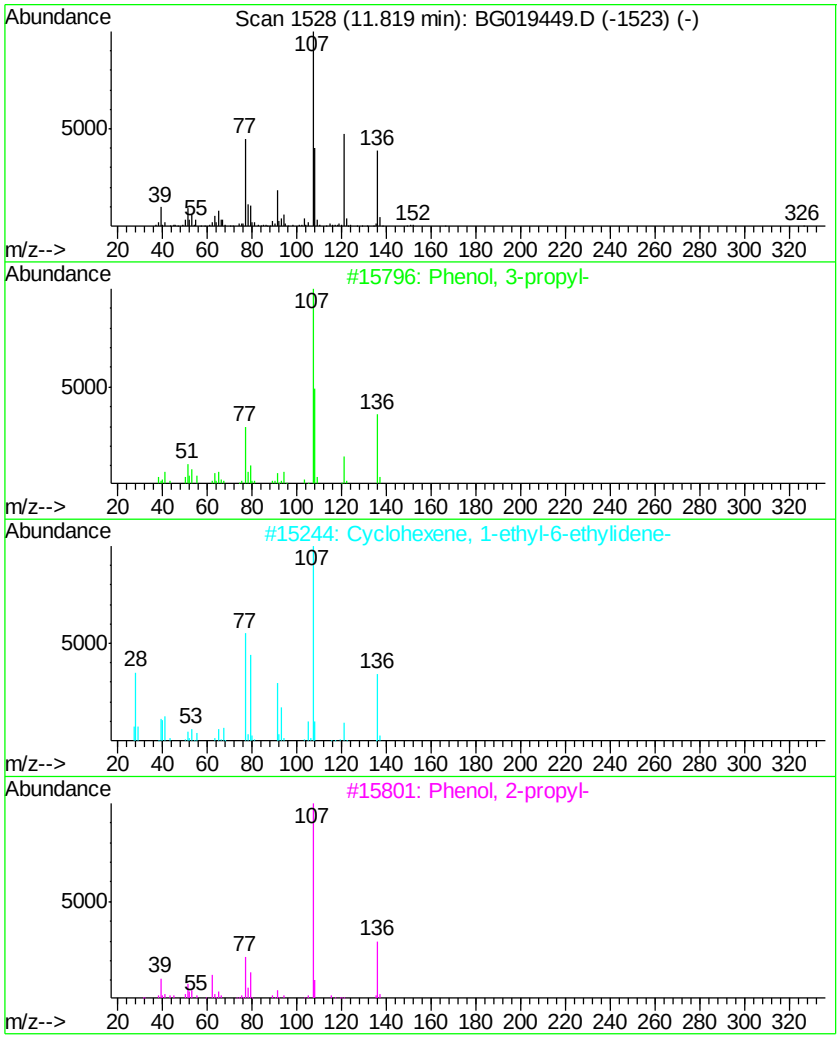
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

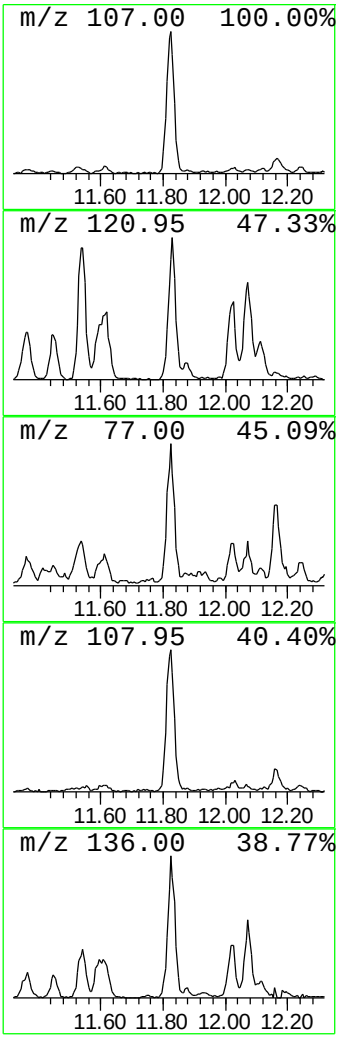
****

Peak Number 24 Phenol, 3-propyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.82	44.47 ng/ul	599109	Naphthalene-d8	11.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 3-propyl-	136	C9H12O	000621-27-2	80
2	Cyclohexene, 1-ethyl-6-ethylidene-	136	C10H16	061141-57-9	64
3	Phenol, 2-propyl-	136	C9H12O	000644-35-9	58
4	Furan, 2-(1-pentenyl)-, (E)-	136	C9H12O	020992-69-2	50
5	Phenol, 3-ethyl-5-methyl-	136	C9H12O	000698-71-5	41





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Data File : BG019449.D
Acq On : 3 Nov 2015 13:05
Operator : UM/NP
Sample : G3996-18DL2 30X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LK7DL2

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102815.M
Quant Title : SVOA CALIBRATION

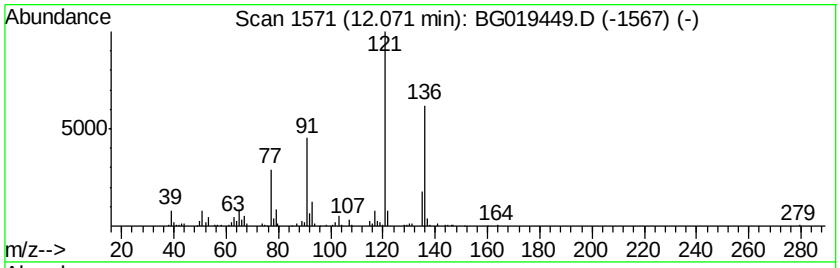
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

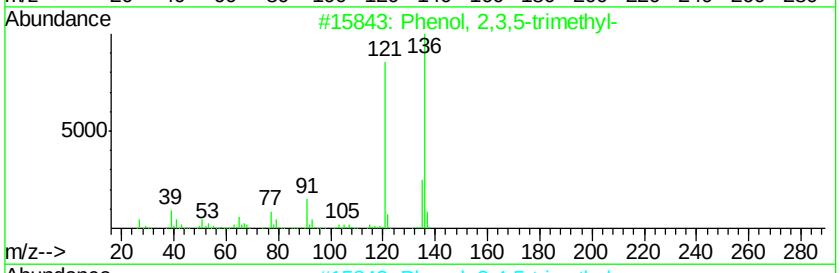
****

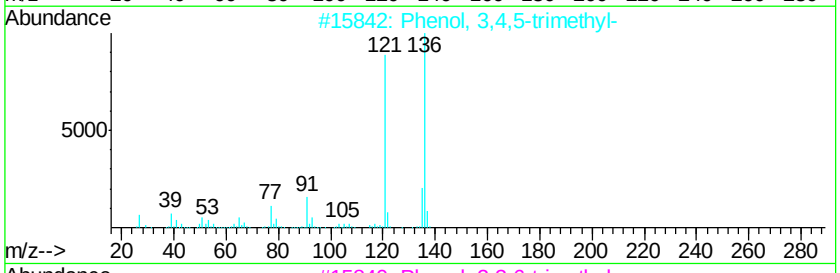
Peak Number 26 Phenol, 2,3,5-trimethyl- Concentration Rank 25

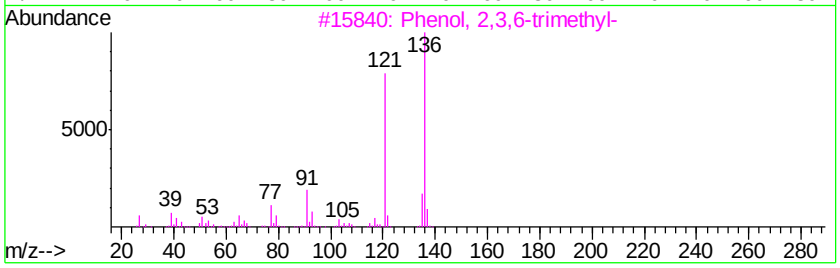
R.T.	EstConc	Area	Relative to ISTD	R.T.
12.07	16.52 ng/ul	222600	Naphthalene-d8	11.01

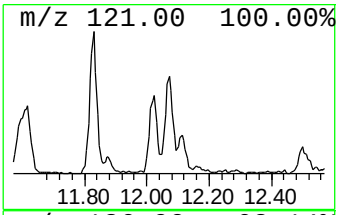
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2,3,5-trimethyl-	136	C9H12O	000697-82-5	91
2	Phenol, 3,4,5-trimethyl-	136	C9H12O	000527-54-8	91
3	Phenol, 2,3,6-trimethyl-	136	C9H12O	002416-94-6	91
4	Phenol, 2,4,6-trimethyl-	136	C9H12O	000527-60-6	91
5	Phenol, 2,4,5-trimethyl-	136	C9H12O	000496-78-6	91

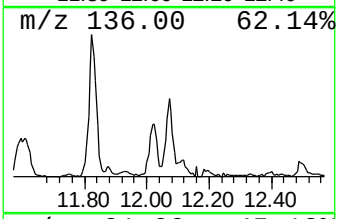


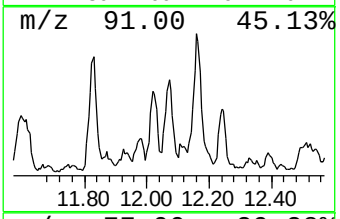


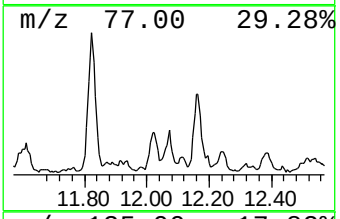


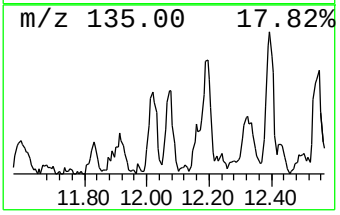












Data Path : Z:\HPCHEM1\BNA_G\DATA\BG110315\
Data File : BG019449.D
Acq On : 3 Nov 2015 13:05
Operator : UM/NP
Sample : G3996-18DL2 30X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LK7DL2

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102815.M
Quant Title : SVOA CALIBRATION

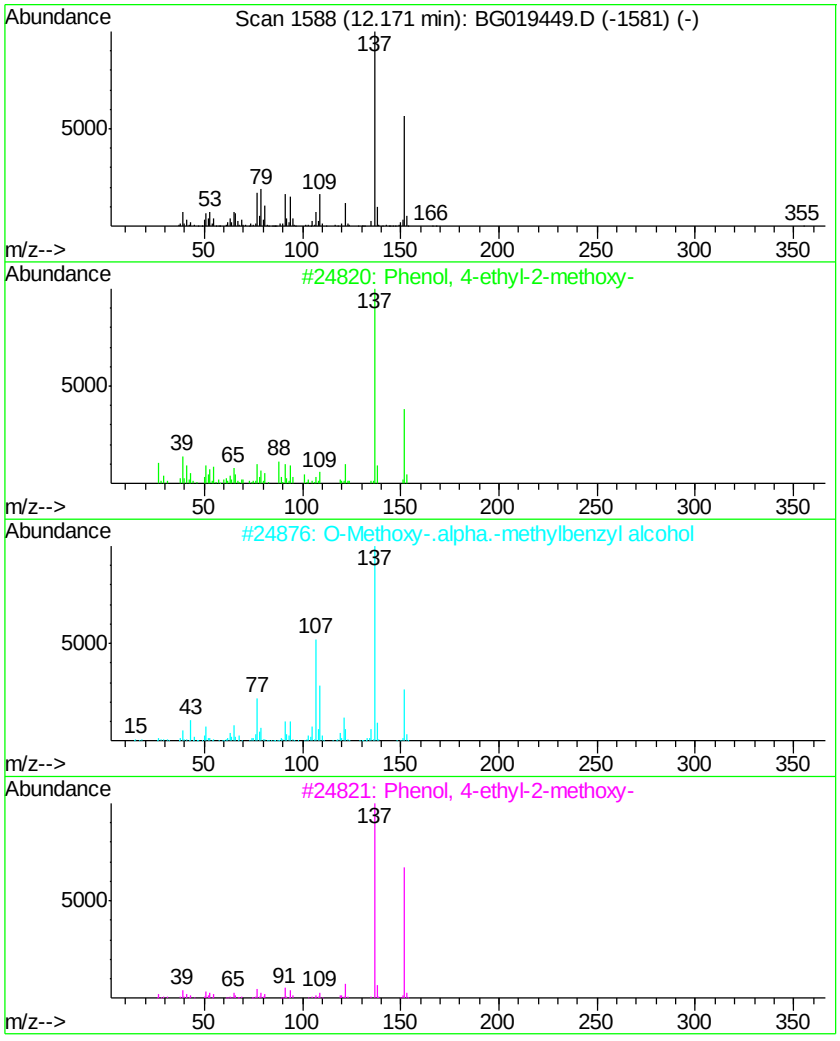
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

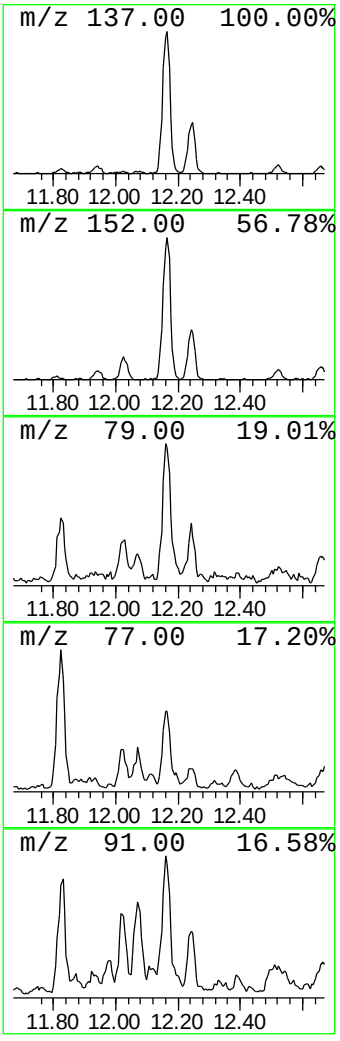
****

Peak Number 27 Phenol, 4-ethyl-2-methoxy- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.17	62.08 ng/ul	836426	Naphthalene-d8	11.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4-ethyl-2-methoxy-	152	C9H12O2	002785-89-9	90
2	O-Methoxy-.alpha.-methylbenzyl a...	152	C9H12O2	013513-82-1	87
3	Phenol, 4-ethyl-2-methoxy-	152	C9H12O2	002785-89-9	86
4	Benzene, 1,4-dimethoxy-2-methyl-	152	C9H12O2	024599-58-4	80
5	Benzene, 1,4-dimethoxy-2-methyl-	152	C9H12O2	024599-58-4	72





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG110315\
Data File : BG019449.D
Acq On : 3 Nov 2015 13:05
Operator : UM/NP
Sample : G3996-18DL2 30X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LK7DL2

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102815.M
Quant Title : SVOA CALIBRATION

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

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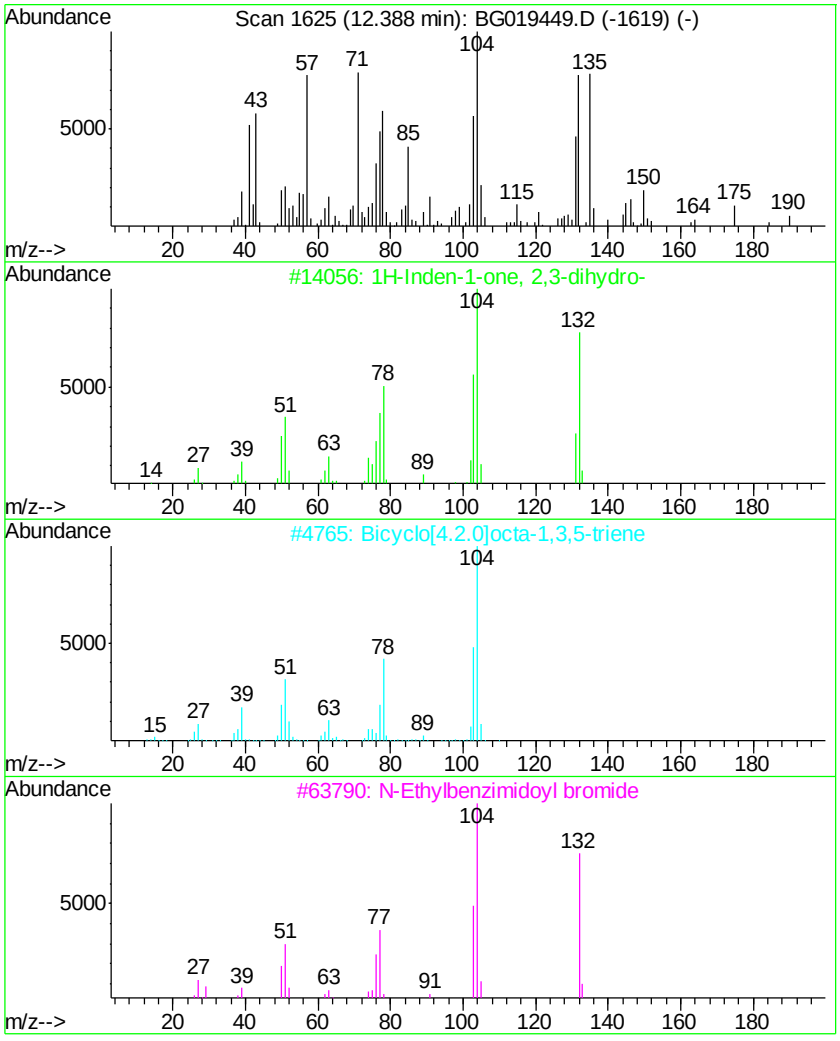
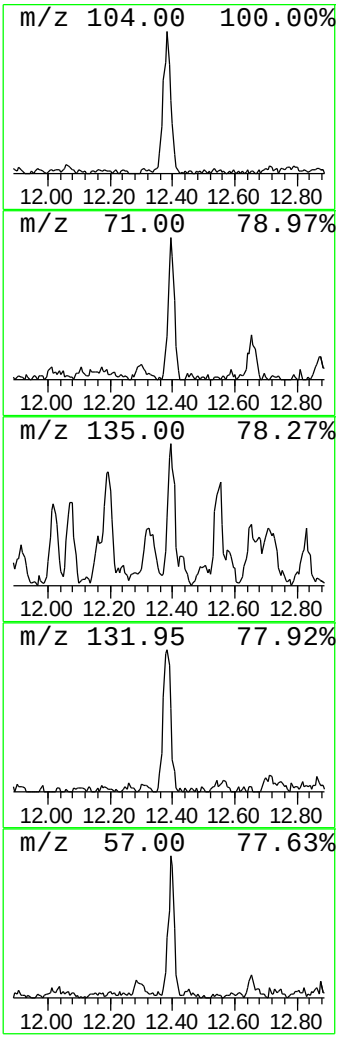
Peak Number 29 1H-Inden-1-one, 2,3-dihydro- Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.39	16.44 ng/ul	221439	Naphthalene-d8	11.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Inden-1-one, 2,3-dihydro-	132	C9H8O	000083-33-0	50
2	Bicyclo[4.2.0]octa-1,3,5-triene	104	C8H8	000694-87-1	38
3	N-Ethylbenzimidoyl bromide	211	C9H10BrN	041182-87-0	38
4	2H-Inden-2-one, 1,3-dihydro-	132	C9H8O	000615-13-4	30
5	2H-Inden-2-one, 1,3-dihydro-	132	C9H8O	000615-13-4	27





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG110315\
Data File : BG019449.D
Acq On : 3 Nov 2015 13:05
Operator : UM/NP
Sample : G3996-18DL2 30X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LK7DL2

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102815.M
Quant Title : SVOA CALIBRATION

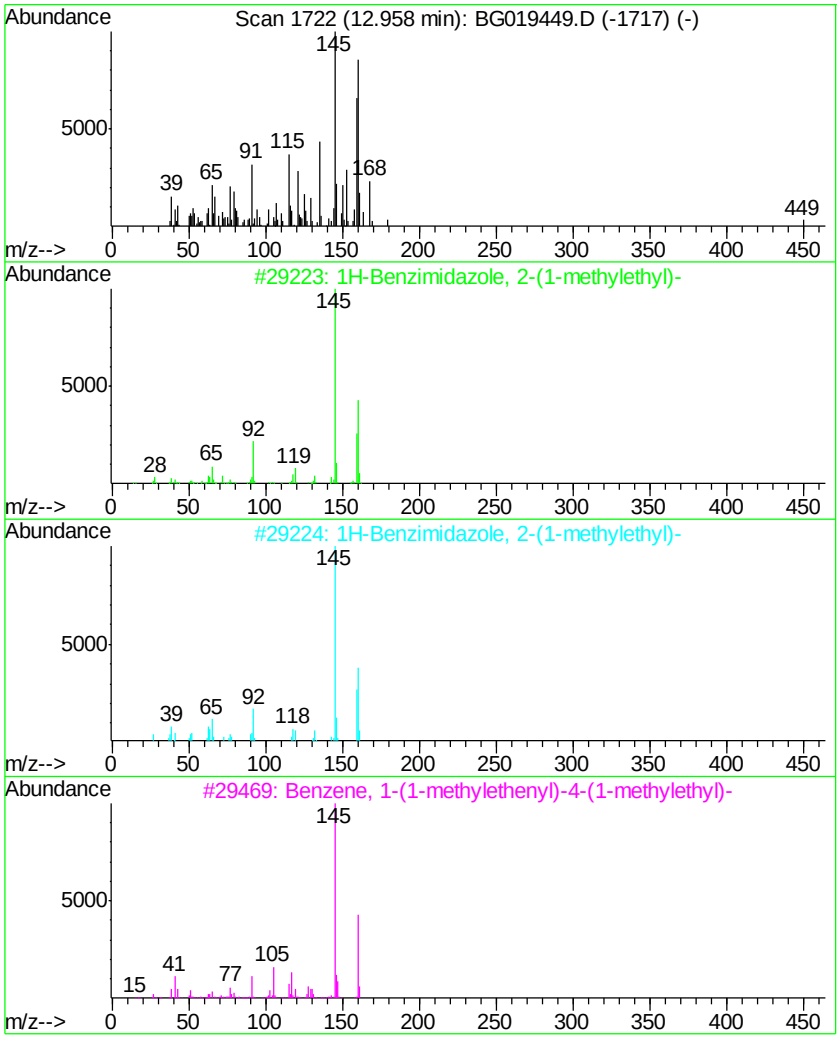
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

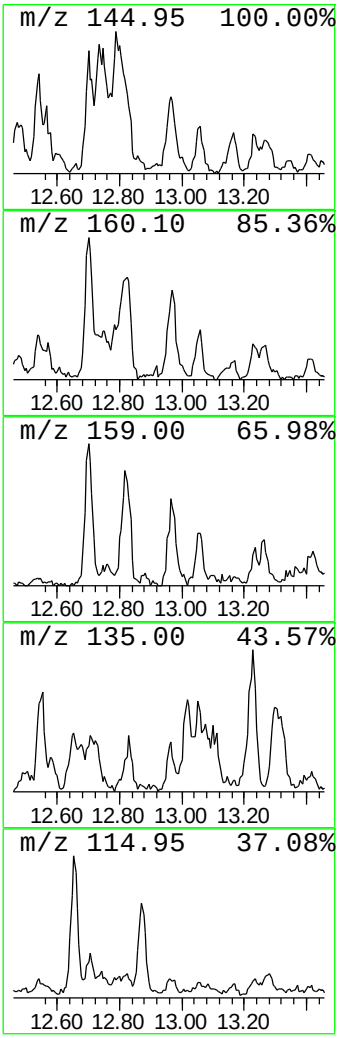
****

Peak Number 32 1H-Benzimidazole, 2-(1-meth... Concentration Rank 67

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.96	3.71 ng/ul	115951	Acenaphthene-d10	14.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Benzimidazole, 2-(1-methyleth...	160	C10H12N2	005851-43-4	52
2	1H-Benzimidazole, 2-(1-methyleth...	160	C10H12N2	005851-43-4	50
3	Benzene, 1-(1-methylethenyl)-4-(...	160	C12H16	002388-14-9	46
4	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	001076-61-5	43
5	1H-Indene, 2,3-dihydro-1,1,3-tri...	160	C12H16	002613-76-5	43





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG110315\
Data File : BG019449.D
Acq On : 3 Nov 2015 13:05
Operator : UM/NP
Sample : G3996-18DL2 30X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LK7DL2

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102815.M
Quant Title : SVOA CALIBRATION

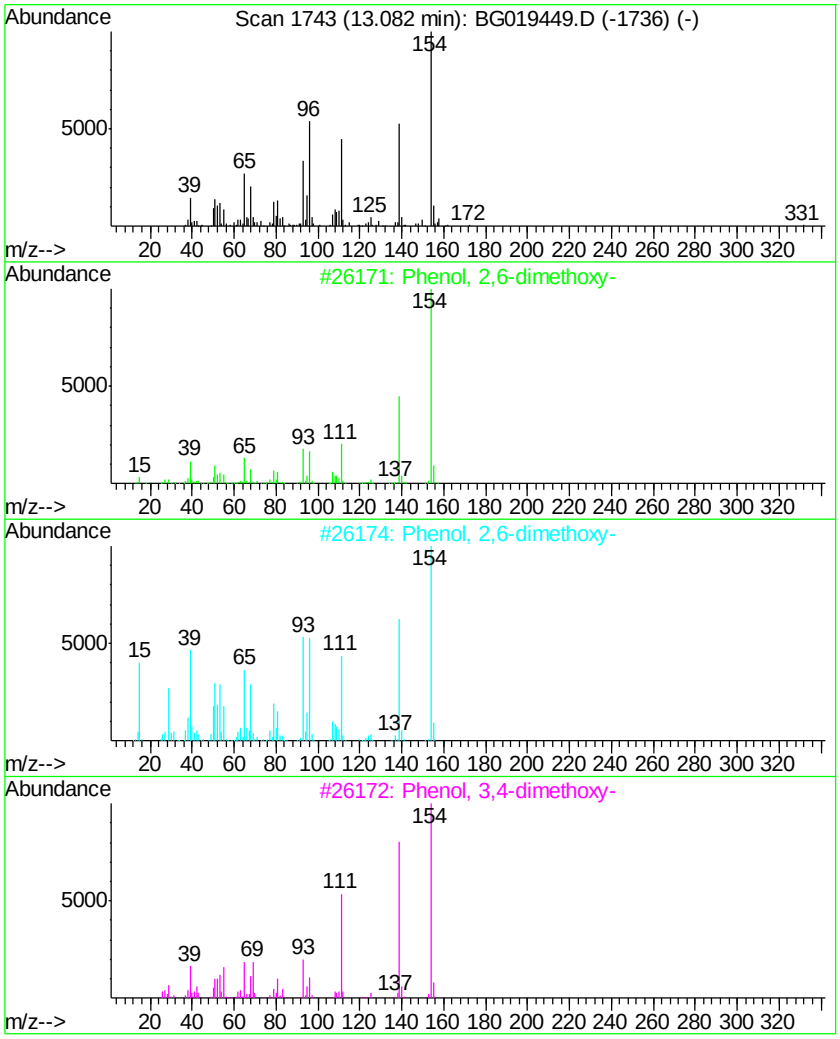
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

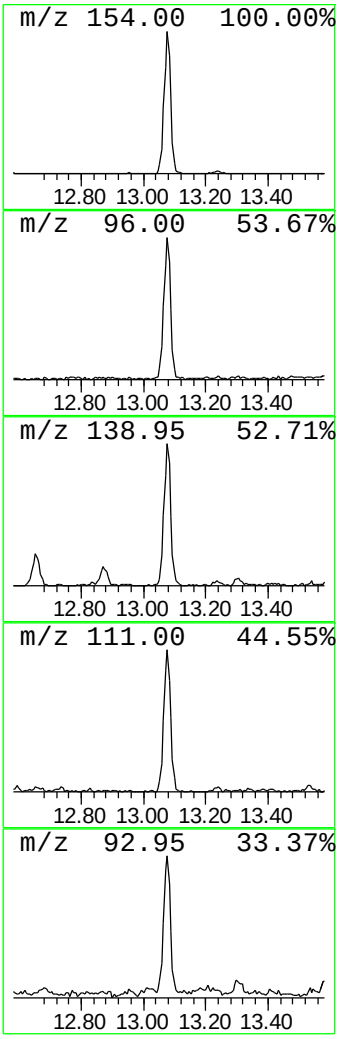
****

Peak Number 34 Phenol, 2,6-dimethoxy- Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.08	14.58 ng/ul	454955	Acenaphthene-d10	14.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2,6-dimethoxy-	154	C8H10O3	000091-10-1	76
2	Phenol, 2,6-dimethoxy-	154	C8H10O3	000091-10-1	64
3	Phenol, 3,4-dimethoxy-	154	C8H10O3	002033-89-8	64
4	3-Amino-2,6-dimethoxypyridine	154	C7H10N2O2	028020-37-3	49
5	Phenol, 3,4-dimethoxy-, acetate	196	C10H12O4	007203-46-5	43





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG110315\
Data File : BG019449.D
Acq On : 3 Nov 2015 13:05
Operator : UM/NP
Sample : G3996-18DL2 30X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LK7DL2

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102815.M
Quant Title : SVOA CALIBRATION

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

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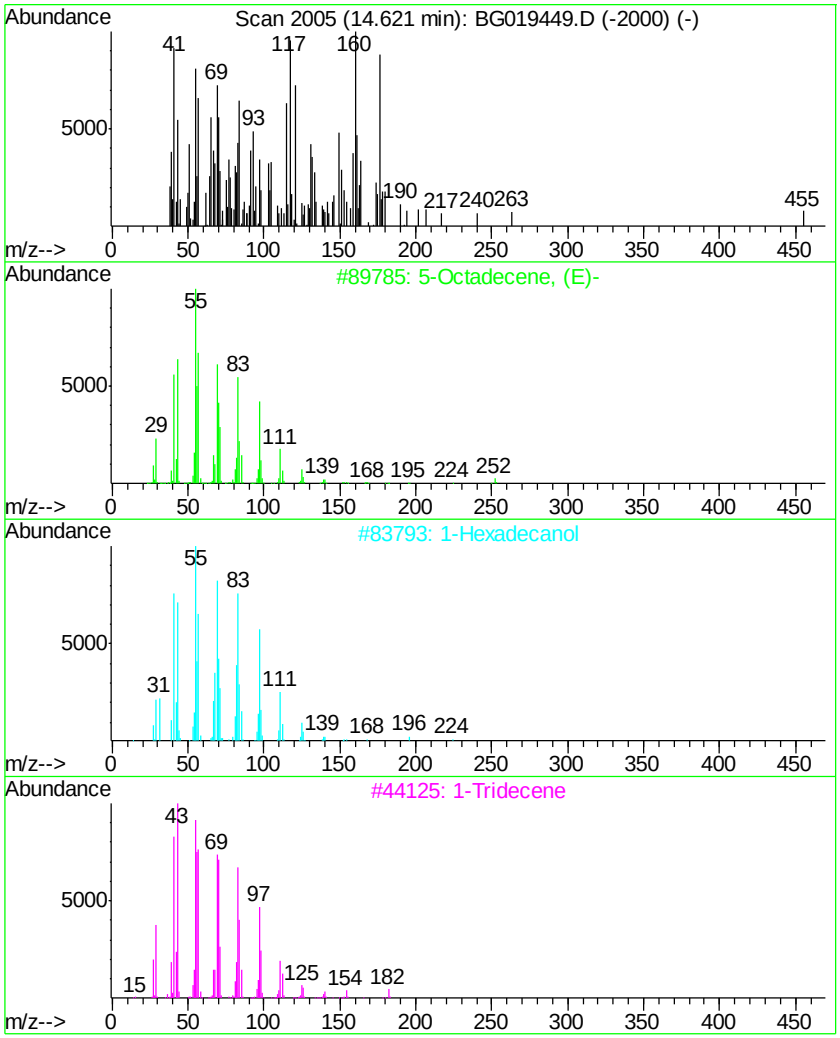
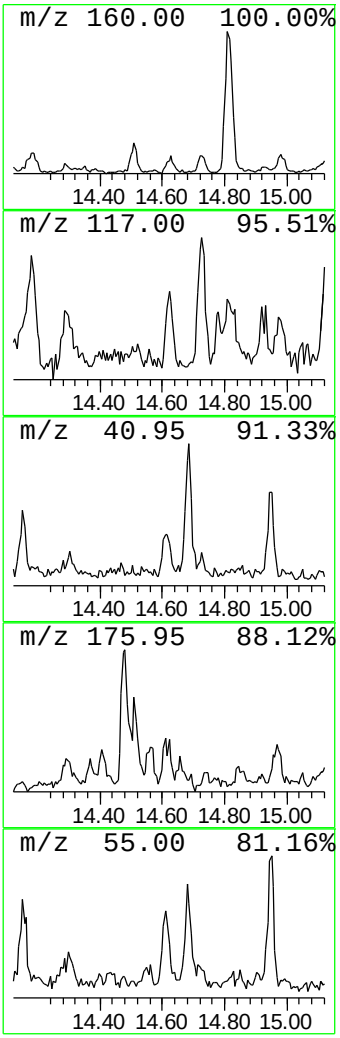
Peak Number 45 (DEL) Alkane: Straight-Chai... Concentration Rank 71

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.62	3.55 ng/ul	110953	Acenaphthene-d10	14.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Octadecene, (E)-	252	C18H36	007206-21-5	43
2	1-Hexadecanol	242	C16H34O	036653-82-4	30
3	1-Tridecene	182	C13H26	002437-56-1	30
4	1,2-Dodecanediol	202	C12H26O2	001119-87-5	27
5	Cyclohexane, 1,2-dimethyl-3-pent...	224	C16H32	062376-17-4	27





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG110315\
Data File : BG019449.D
Acq On : 3 Nov 2015 13:05
Operator : UM/NP
Sample : G3996-18DL2 30X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LK7DL2

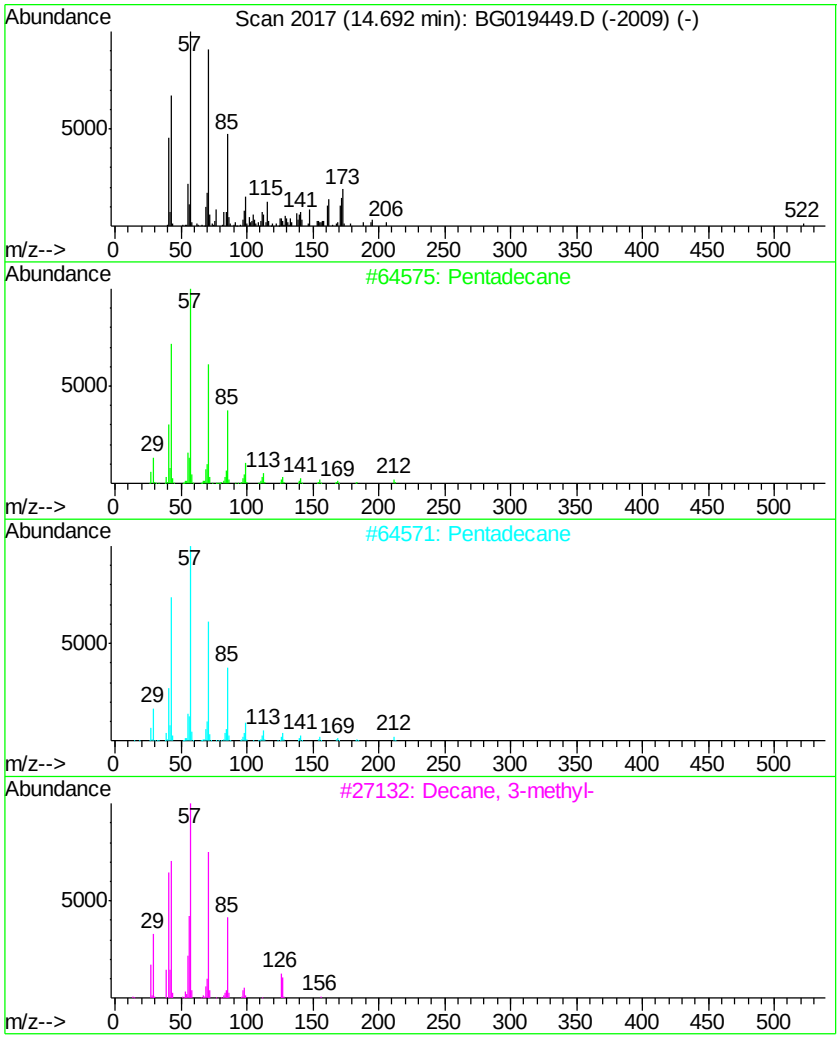
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102815.M
Quant Title : SVOA CALIBRATION

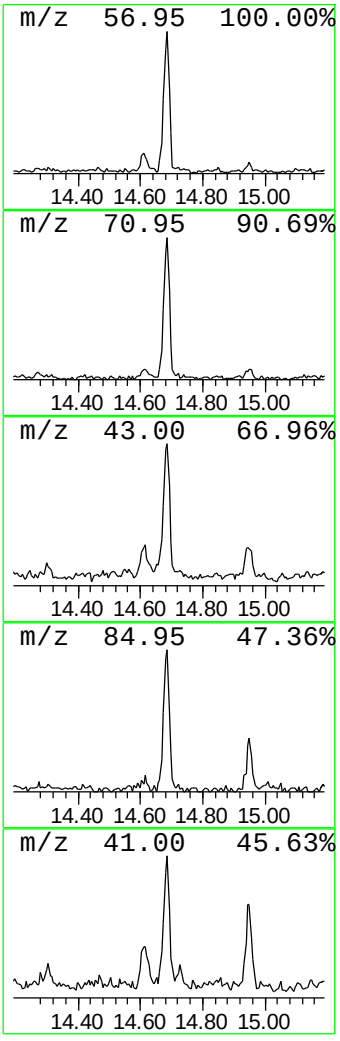
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 46 (DEL) Alkane: Straight-Chai... Concentration Rank 50

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.69	6.01 ng/ul	187488	Acenaphthene-d10	14.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	81
2	Pentadecane	212	C15H32	000629-62-9	72
3	Decane, 3-methyl-	156	C11H24	013151-34-3	64
4	Hexadecane	226	C16H34	000544-76-3	64
5	Dodecane, 4-methyl-	184	C13H28	006117-97-1	59





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG110315\
Data File : BG019449.D
Acq On : 3 Nov 2015 13:05
Operator : UM/NP
Sample : G3996-18DL2 30X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LK7DL2

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102815.M
Quant Title : SVOA CALIBRATION

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

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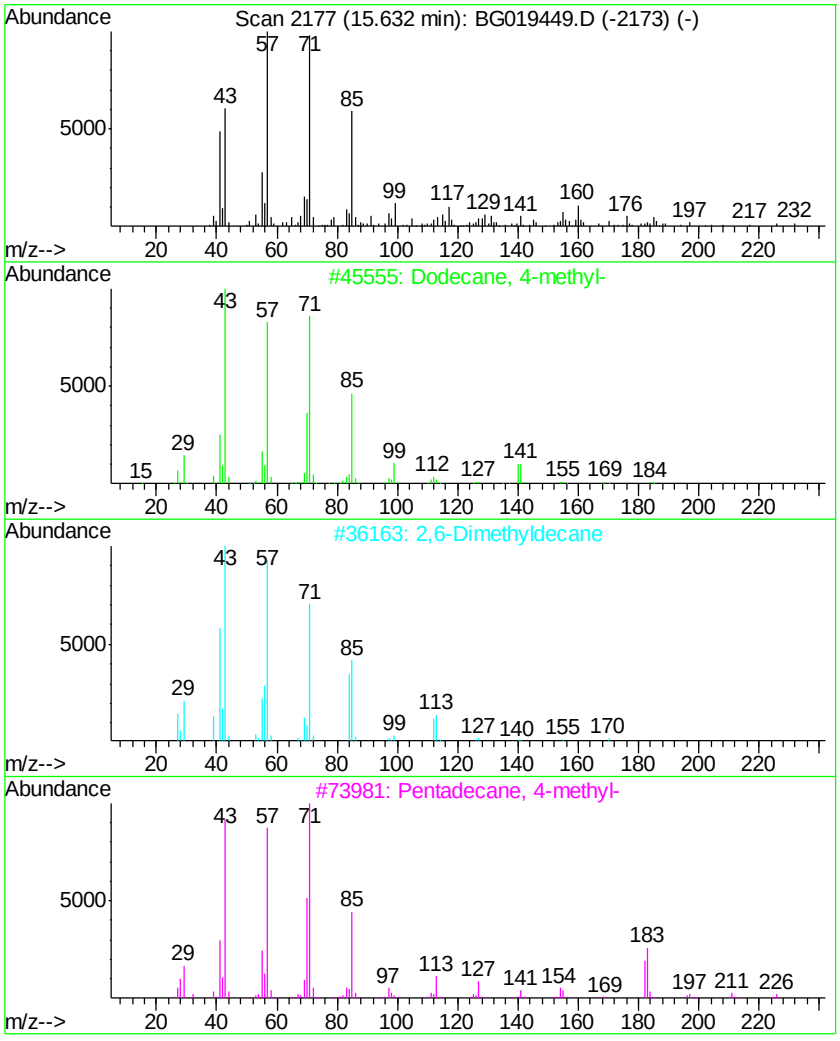
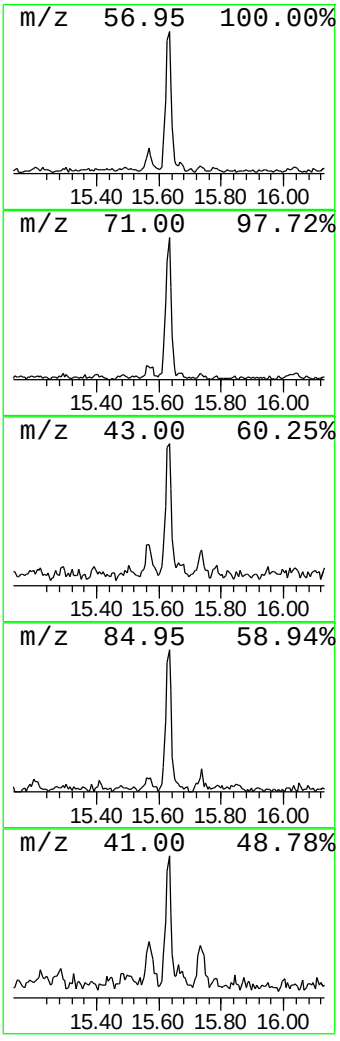
Peak Number 51 (DEL) Alkane: Straight-Chai... Concentration Rank 54

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.63	5.71 ng/ul	178215	Acenaphthene-d10	14.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 4-methyl-	184	C13H28	006117-97-1	81
2	2,6-Dimethyldecane	170	C12H26	013150-81-7	64
3	Pentadecane, 4-methyl-	226	C16H34	002801-87-8	59
4	Undecane, 2-methyl-	170	C12H26	007045-71-8	58
5	Decane, 1-iodo-	268	C10H21I	002050-77-3	49





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG110315\
Data File : BG019449.D
Acq On : 3 Nov 2015 13:05
Operator : UM/NP
Sample : G3996-18DL2 30X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LK7DL2

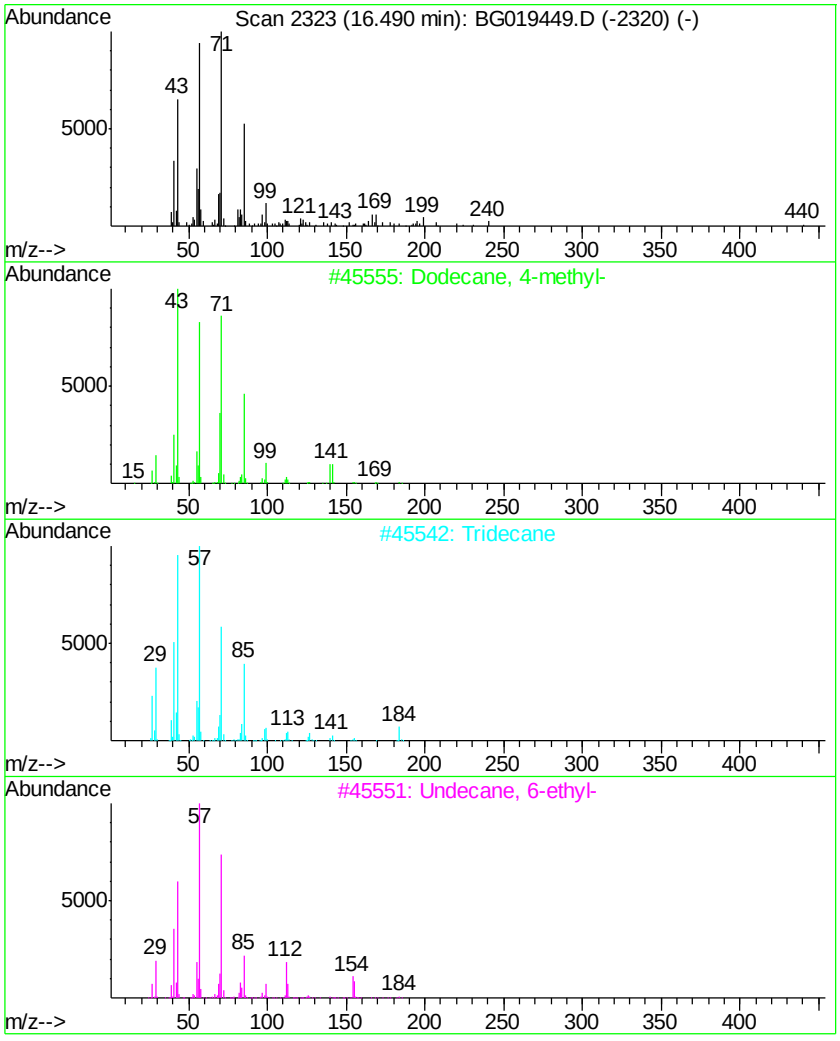
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102815.M
Quant Title : SVOA CALIBRATION

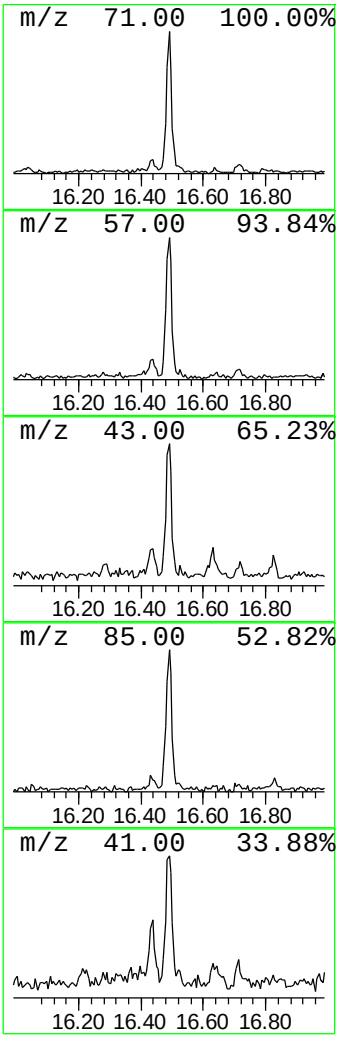
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 56 (DEL) Alkane: Straight-Chai... Concentration Rank 66

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.49	3.94 ng/ul	127600	Phenanthrene-d10	17.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 4-methyl-	184	C13H28	006117-97-1	80
2	Tridecane	184	C13H28	000629-50-5	78
3	Undecane, 6-ethyl-	184	C13H28	017312-60-6	64
4	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	64
5	Decane, 3-methyl-	156	C11H24	013151-34-3	64





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG110315\
Data File : BG019449.D
Acq On : 3 Nov 2015 13:05
Operator : UM/NP
Sample : G3996-18DL2 30X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LK7DL2

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102815.M
Quant Title : SVOA CALIBRATION

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

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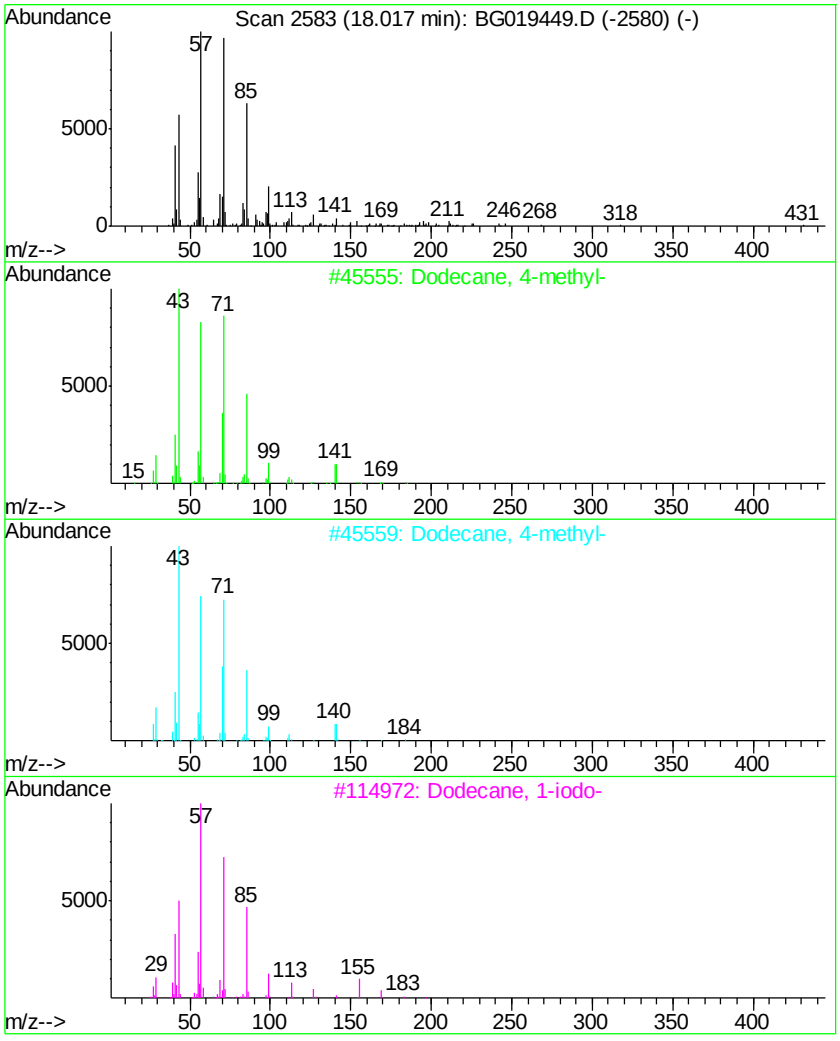
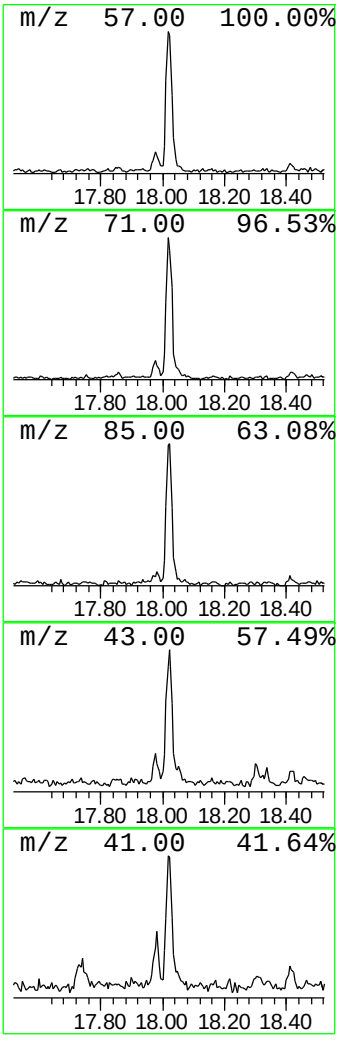
Peak Number 61 (DEL) Alkane: Straight-Chai... Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.02	8.82 ng/ul	285585	Phenanthrene-d10	17.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 4-methyl-	184	C13H28	006117-97-1	87
2	Dodecane, 4-methyl-	184	C13H28	006117-97-1	83
3	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	80
4	Nonadecane	268	C19H40	000629-92-5	80
5	Hexadecane	226	C16H34	000544-76-3	68





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG110315\
Data File : BG019449.D
Acq On : 3 Nov 2015 13:05
Operator : UM/NP
Sample : G3996-18DL2 30X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LK7DL2

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102815.M
Quant Title : SVOA CALIBRATION

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

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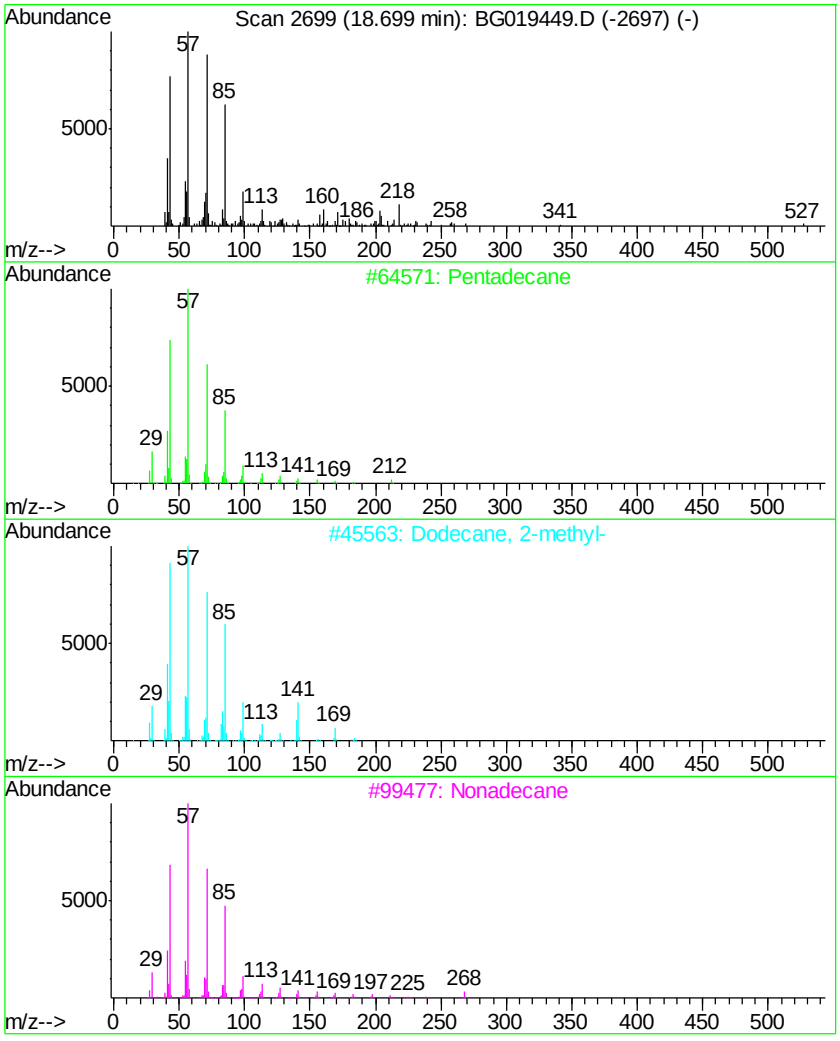
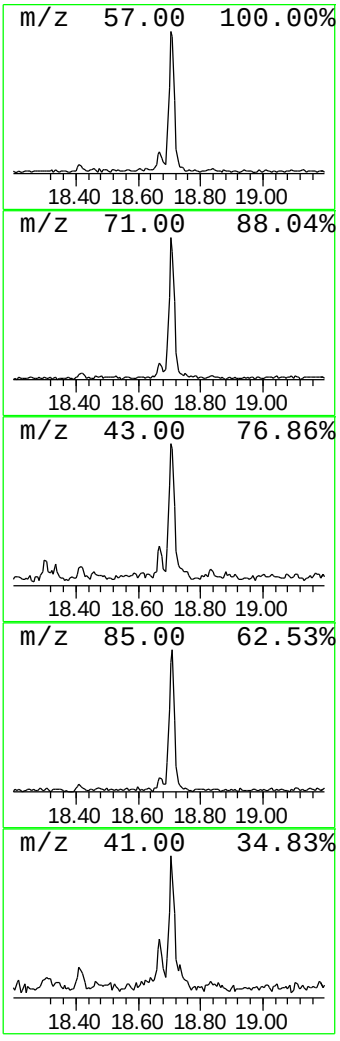
Peak Number 65 (DEL) Alkane: Straight-Chai... Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.70	7.78 ng/ul	251889	Phenanthrene-d10	17.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	50
2	Dodecane, 2-methyl-	184	C13H28	001560-97-0	50
3	Nonadecane	268	C19H40	000629-92-5	43
4	Heneicosane	296	C21H44	000629-94-7	43
5	Octacosane	394	C28H58	000630-02-4	38





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG110315\
Data File : BG019449.D
Acq On : 3 Nov 2015 13:05
Operator : UM/NP
Sample : G3996-18DL2 30X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LK7DL2

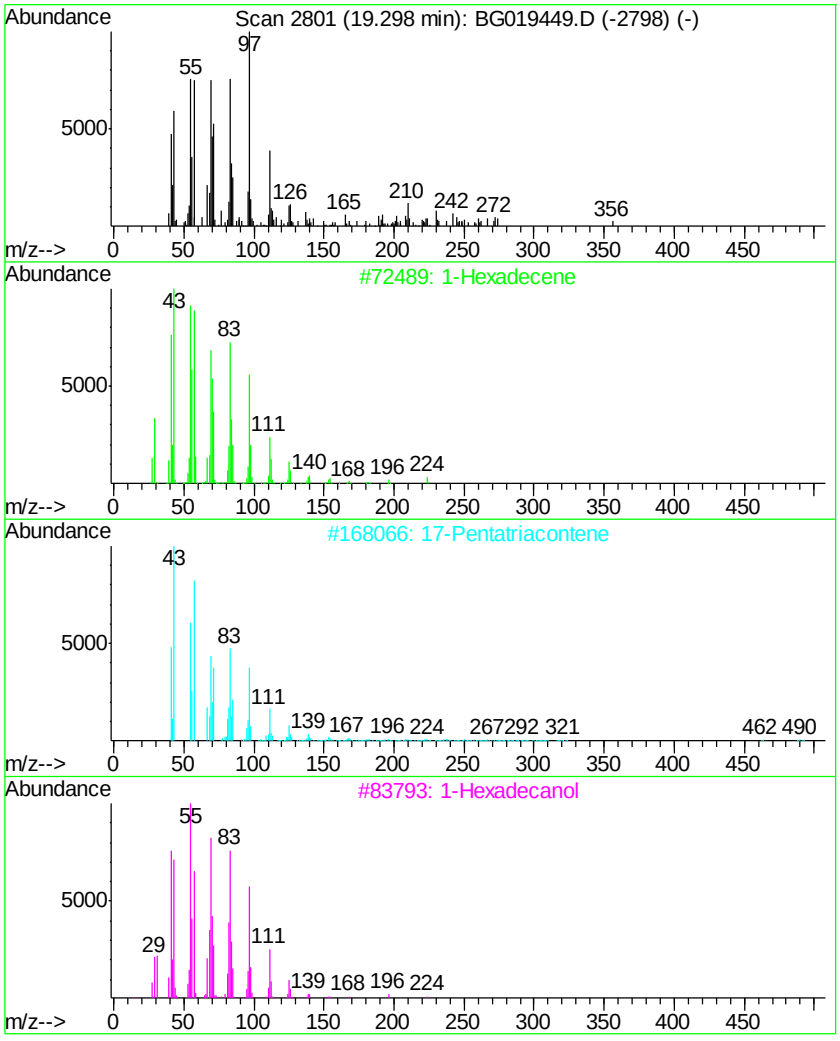
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102815.M
Quant Title : SVOA CALIBRATION

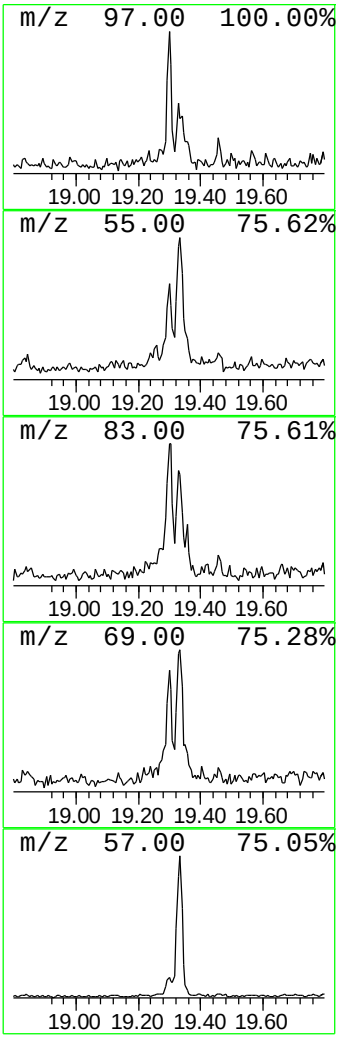
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 67 (DEL) Alkane: Straight-Chai... Concentration Rank 79

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.30	2.31 ng/ul	74702	Phenanthrene-d10	17.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexadecene	224	C16H32	000629-73-2	70
2	17-Pentatriacontene	491	C35H70	006971-40-0	64
3	1-Hexadecanol	242	C16H34O	036653-82-4	64
4	7-Hexadecene, (Z)-	224	C16H32	035507-09-6	58
5	Cyclopentadecane	210	C15H30	000295-48-7	50





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG110315\
Data File : BG019449.D
Acq On : 3 Nov 2015 13:05
Operator : UM/NP
Sample : G3996-18DL2 30X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LK7DL2

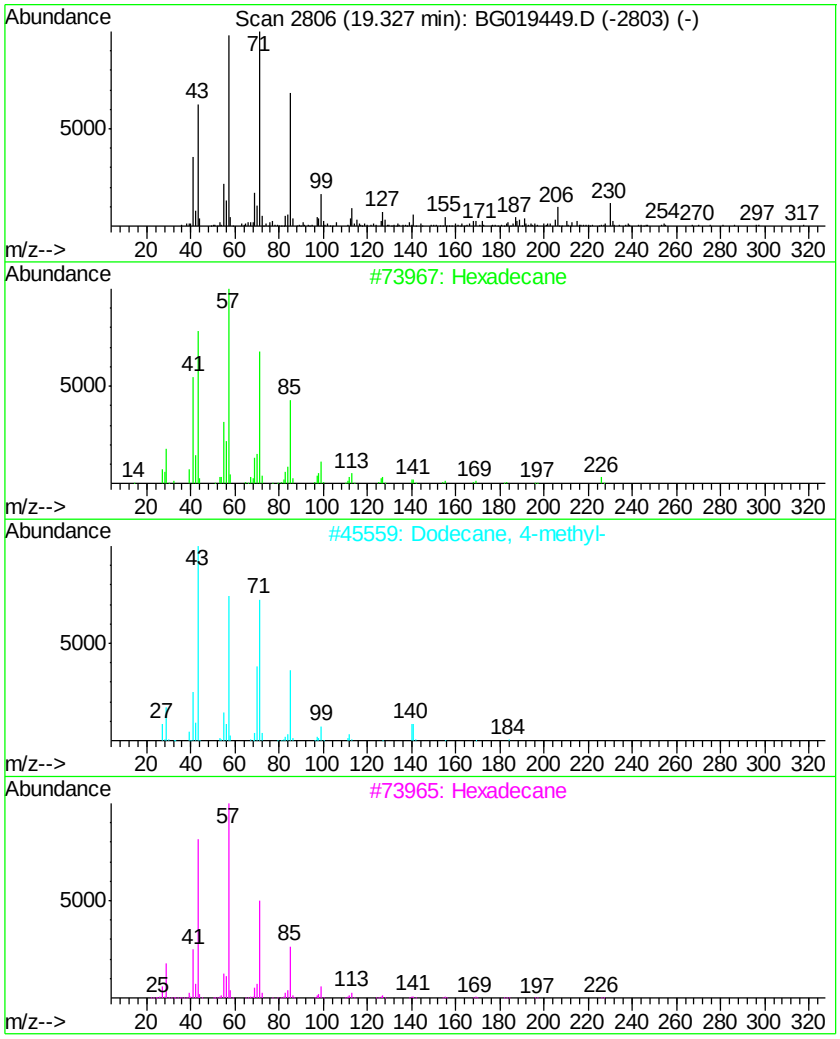
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102815.M
Quant Title : SVOA CALIBRATION

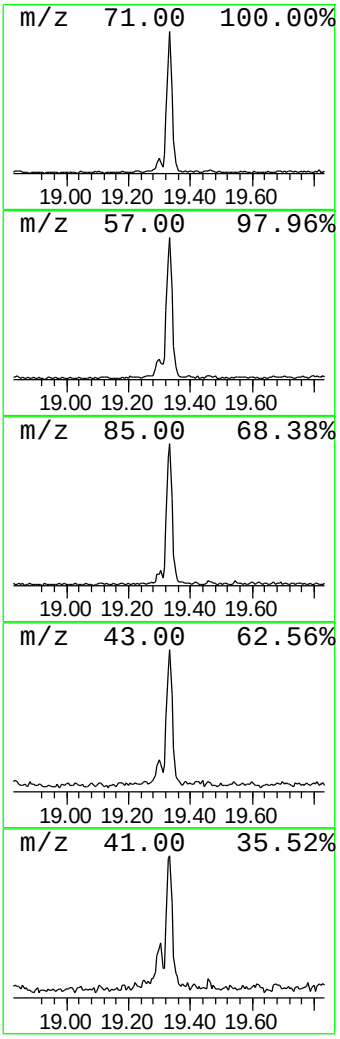
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 68 (DEL) Alkane: Straight-Chai... Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.33	9.81 ng/ul	317720	Phenanthrene-d10	17.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	78
2	Dodecane, 4-methyl-	184	C13H28	006117-97-1	72
3	Hexadecane	226	C16H34	000544-76-3	64
4	Tetradecane, 4-methyl-	212	C15H32	025117-24-2	64
5	Hexatriacontane	507	C36H74	000630-06-8	46





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG110315\
Data File : BG019449.D
Acq On : 3 Nov 2015 13:05
Operator : UM/NP
Sample : G3996-18DL2 30X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LK7DL2

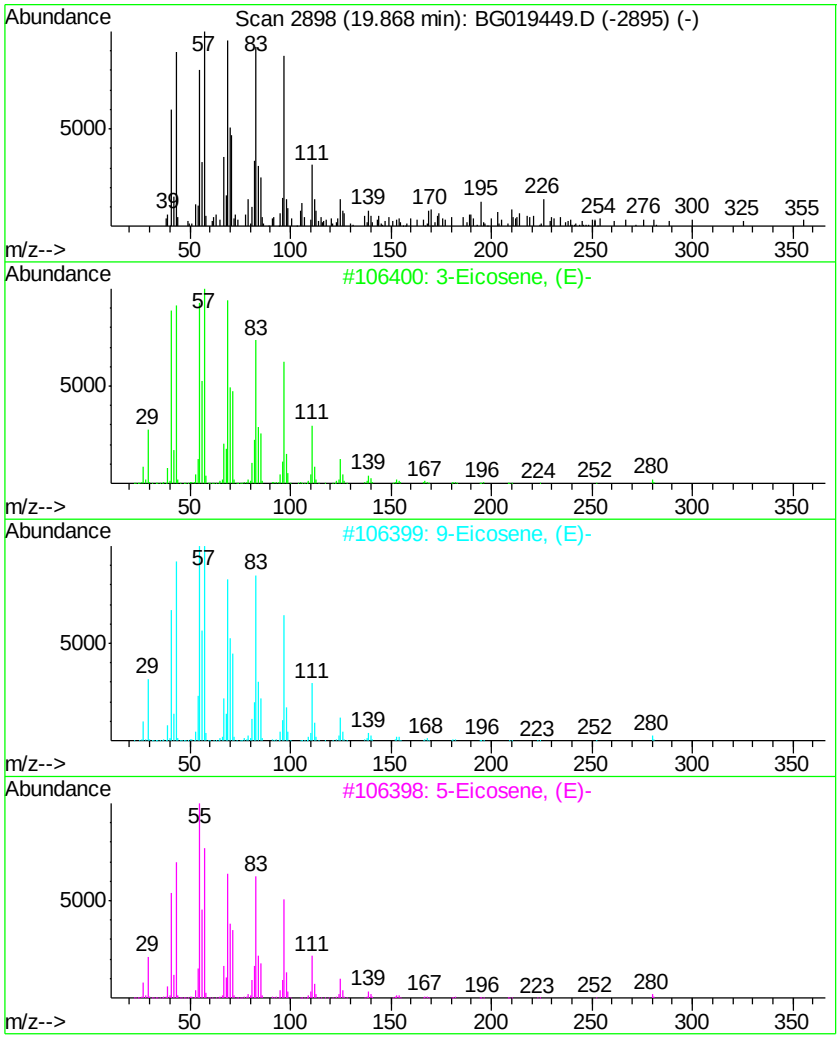
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102815.M
Quant Title : SVOA CALIBRATION

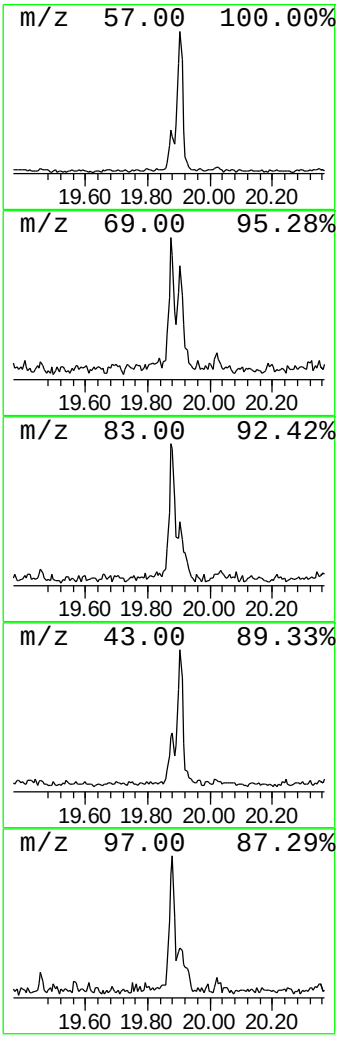
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 69 (DEL) Alkane: Straight-Chai... Concentration Rank 64

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.87	4.44 ng/ul	196364	Chrysene-d12	21.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Eicosene, (E)-	280	C20H40	074685-33-9	93
2	9-Eicosene, (E)-	280	C20H40	074685-29-3	83
3	5-Eicosene, (E)-	280	C20H40	074685-30-6	70
4	Thieno[2,3-d]-1,3-thiaselenol-2-...	238	C5H2S3Se	081803-09-0	68
5	Cyclotetradecane	196	C14H28	000295-17-0	64





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG110315\
Data File : BG019449.D
Acq On : 3 Nov 2015 13:05
Operator : UM/NP
Sample : G3996-18DL2 30X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LK7DL2

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102815.M
Quant Title : SVOA CALIBRATION

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

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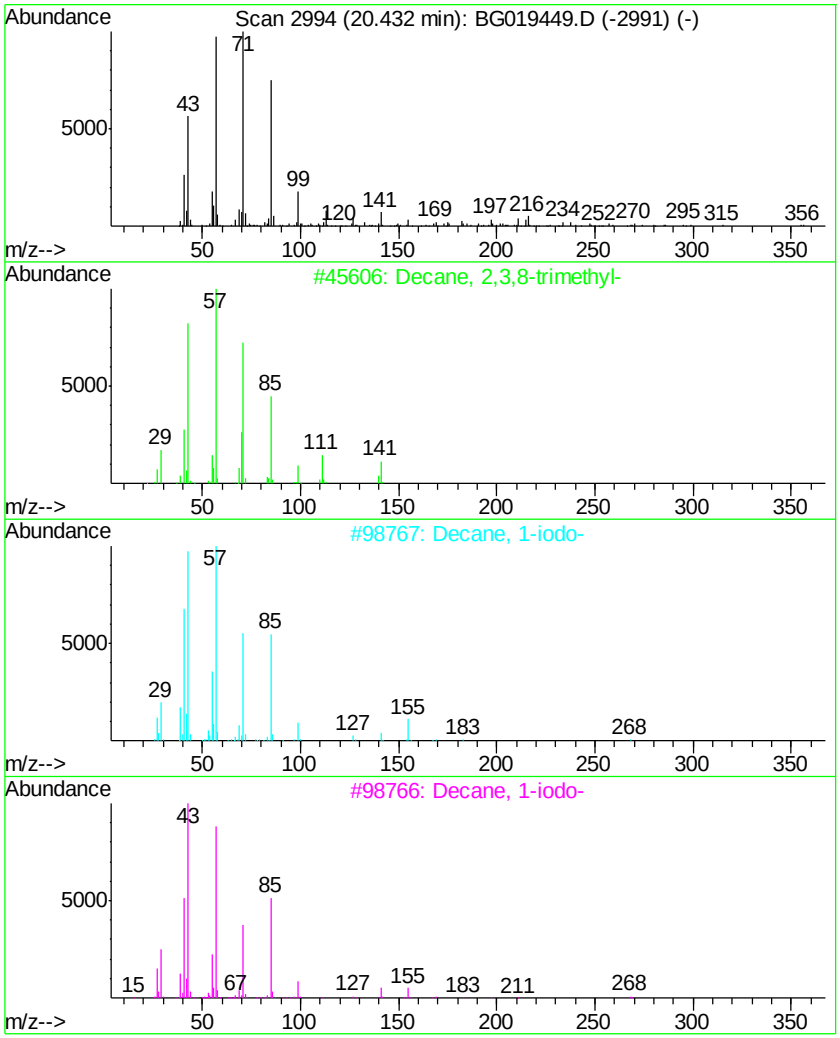
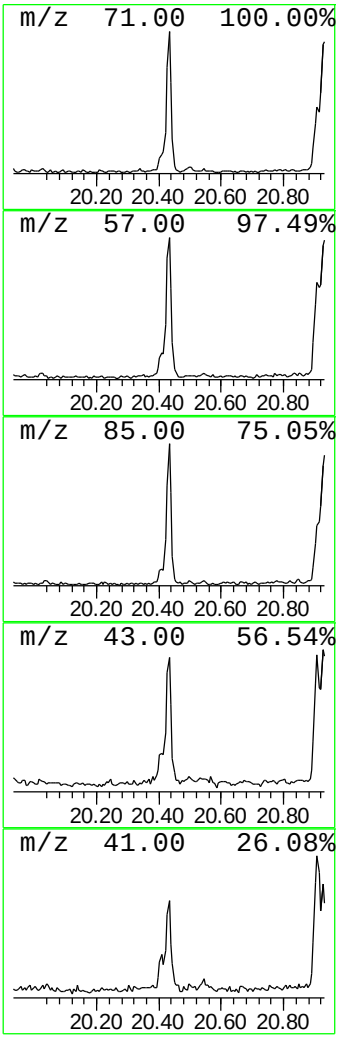
Peak Number 71 (DEL) Alkane: Branched20.43 Concentration Rank 45

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.43	6.54 ng/ul	289693	Chrysene-d12	21.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 2,3,8-trimethyl-	184	C13H28	062238-14-6	78
2	Decane, 1-iodo-	268	C10H21I	002050-77-3	70
3	Decane, 1-iodo-	268	C10H21I	002050-77-3	53
4	Tetradecane, 4-methyl-	212	C15H32	025117-24-2	43
5	Octane, 6-ethyl-2-methyl-	156	C11H24	062016-19-7	38





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG110315\
Data File : BG019449.D
Acq On : 3 Nov 2015 13:05
Operator : UM/NP
Sample : G3996-18DL2 30X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LK7DL2

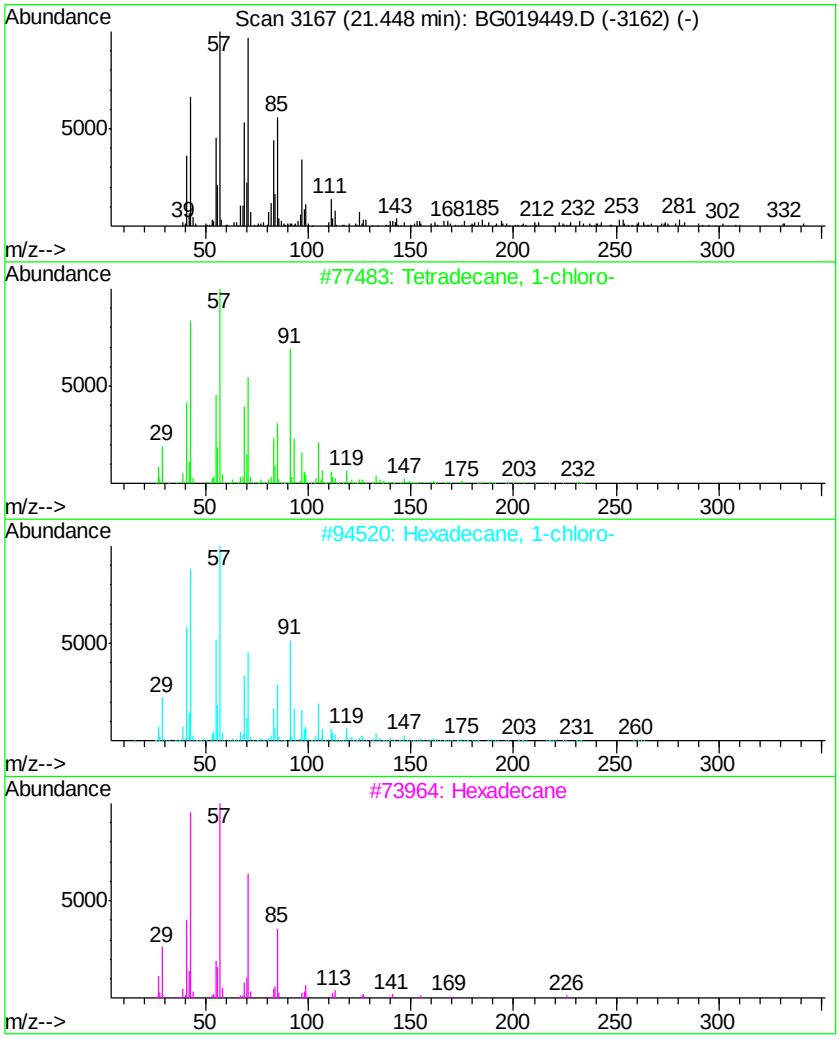
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102815.M
Quant Title : SVOA CALIBRATION

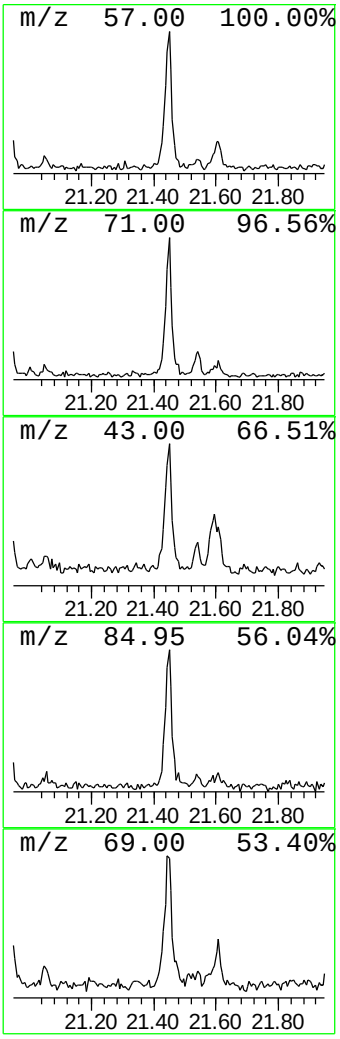
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 74 (DEL) Alkane: Straight-Chai... Concentration Rank 57

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.45	5.38 ng/ul	238314	Chrysene-d12	21.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane, 1-chloro-	232	C14H29Cl	002425-54-9	87
2	Hexadecane, 1-chloro-	260	C16H33Cl	004860-03-1	72
3	Hexadecane	226	C16H34	000544-76-3	58
4	Hexadecane, 7,9-dimethyl-	254	C18H38	021164-95-4	53
5	1-Hexadecanesulfonyl chloride	324	C16H33ClO2S	038775-38-1	49





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG110315\
Data File : BG019449.D
Acq On : 3 Nov 2015 13:05
Operator : UM/NP
Sample : G3996-18DL2 30X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LK7DL2

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102815.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
Cyclopentanone, 2...	6.88	5.6	ng/ul	75176	1	8.18	269262	20.0
Benzene, 1-ethyl-...	7.82	6.2	ng/ul	83278	1	8.18	269262	20.0
Benzofuran	7.90	7.2	ng/ul	97076	1	8.18	269262	20.0
2-Cyclopenten-1-o...	8.45	11.2	ng/ul	150273	1	8.18	269262	20.0
2-Cyclopenten-1-o...	8.83	12.6	ng/ul	169789	1	8.18	269262	20.0
Phenol, 2-methoxy-	9.29	40.5	ng/ul	545149	1	8.18	269262	20.0
4-Octyne, 2-methyl-	9.47	8.1	ng/ul	108598	1	8.18	269262	20.0
Benzofuran, 2-met...	9.67	8.6	ng/ul	116349	2	11.01	269473	20.0
Phenol, 2-ethyl-	9.96	18.2	ng/ul	244960	2	11.01	269473	20.0
Benzene, 1,2-dime...	10.10	8.4	ng/ul	113097	2	11.01	269473	20.0
Phenol, 3-ethyl-	10.44	68.0	ng/ul	915818	2	11.01	269473	20.0
Phenol, 2,6-dimet...	10.48	33.4	ng/ul	449783	2	11.01	269473	20.0
2-Methoxy-6-methy...	10.71	19.2	ng/ul	258835	2	11.01	269473	20.0
Phenol, 2-methoxy...	10.85	52.5	ng/ul	707607	2	11.01	269473	20.0
Cinnoline, 1,2-di...	11.42	22.3	ng/ul	299796	2	11.01	269473	20.0
Phenol, 2-ethyl-6...	11.54	21.8	ng/ul	293422	2	11.01	269473	20.0
2,5-Dimethylanisole	11.60	18.0	ng/ul	242581	2	11.01	269473	20.0
Phenol, 3-propyl-	11.82	44.5	ng/ul	599109	2	11.01	269473	20.0
Phenol, 2,3,5-tri...	12.07	16.5	ng/ul	222600	2	11.01	269473	20.0
Phenol, 4-ethyl-2...	12.17	62.1	ng/ul	836426	2	11.01	269473	20.0
1H-Inden-1-one, 2...	12.39	16.4	ng/ul	221439	2	11.01	269473	20.0
1H-Benzimidazole,...	12.96	3.7	ng/ul	115951	3	14.82	624234	20.0
Phenol, 2,6-dimet...	13.08	14.6	ng/ul	454955	3	14.82	624234	20.0
(DEL) Alkane: Str...	14.62	3.5	ng/ul	110953	3	14.82	624234	20.0
(DEL) Alkane: Str...	14.69	6.0	ng/ul	187488	3	14.82	624234	20.0
(DEL) Alkane: Str...	15.63	5.7	ng/ul	178215	3	14.82	624234	20.0
(DEL) Alkane: Str...	16.49	3.9	ng/ul	127600	4	17.55	647480	20.0
(DEL) Alkane: Str...	18.02	8.8	ng/ul	285585	4	17.55	647480	20.0
(DEL) Alkane: Str...	18.70	7.8	ng/ul	251889	4	17.55	647480	20.0
(DEL) Alkane: Str...	19.30	2.3	ng/ul	74702	4	17.55	647480	20.0
(DEL) Alkane: Str...	19.33	9.8	ng/ul	317720	4	17.55	647480	20.0
(DEL) Alkane: Str...	19.87	4.4	ng/ul	196364	5	21.84	885445	20.0
(DEL) Alkane: Bra...	20.43	6.5	ng/ul	289693	5	21.84	885445	20.0
(DEL) Alkane: Str...	21.45	5.4	ng/ul	238314	5	21.84	885445	20.0