LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG050715\
Data File : BG016944.D
Acq On : 8 May 2015 5:21
Operator : TP/IZ
Sample : G2116-14
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-51D

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % 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\8270-BG050515.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.788	12	17	32	rBV	5519400	7677837	100.00%	10.254%
2	3.000	50	53	58	rVB	204840	246521	3.21%	0.329%
3	3.522	138	142	150	rVB2	252840	413968	5.39%	0.553%
4	3.904	202	207	217	rVB2	257872	489813	6.38%	0.654%
5	4.004	217	224	228	rVV	203158	355508	4.63%	0.475%
6	4.181	247	254	258	rBV2	289361	482678	6.29%	0.645%
7	4.316	273	277	287	rVB5	170153	359607	4.68%	0.480%
8	4.468	298	303	306	rBV	161457	228501	2.98%	0.305%
9	4.750	342	351	356	rBV	319394	518351	6.75%	0.692%
10	4.844	363	367	370	rVV	143669	210257	2.74%	0.281%
11	4.915	376	379	382	rVV3	166128	258441	3.37%	0.345%
12	4.956	382	386	390	rVV	362309	494288	6.44%	0.660%
13	5.009	390	395	400	rVV2	448268	664016	8.65%	0.887%
14	5.168	418	422	426	rBV	205298	272732	3.55%	0.364%
15	5.256	431	437	440	rVV4	349981	708957	9.23%	0.947%
16	5.285	440	442	446	rVB	254579	269071	3.50%	0.359%
17	5.385	451	459	466	rBV2	1581067	2528983	32.94%	3.377%
18	5.508	474	480	488	rVB3	95385	255756	3.33%	0.342%
19	5.608	488	497	503	rBV3	160958	320270	4.17%	0.428%
20	5.679	503	509	513	rBV3	254346	451353	5.88%	0.603%
21	5.761	518	523	528	rVV	360477	616884	8.03%	0.824%
22	5.826	530	534	541	rVB	205740	333715	4.35%	0.446%
23	6.078	569	577	584	rBV4	372669	866233	11.28%	1.157%
24	6.196	590	597	603	rVV4	154983	356265	4.64%	0.476%
25	6.307	608	616	621	rBV3	298325	850553	11.08%	1.136%
26	6.360	621	625	629	rBV	637442	831725	10.83%	1.111%
27	6.443	629	639	642	rBV3	560827	1110551	14.46%	1.483%
28	6.554	650	658	662	rBV5	98618	214462	2.79%	0.286%
29	6.619	663	669	675	rVB7	126853	268368	3.50%	0.358%
30	6.701	675	683	689	rBV4	219989	525065	6.84%	0.701%
31	6.795	695	699	704	rVV2	566359	834829	10.87%	1.115%
32	6.848	704	708	713	rVB	381845	513959	6.69%	0.686%
33	6.965	719	728	739	rVB	1841086	3547440	46.20%	4.738%
34	7.183	761	765	769	rBV3	142842	219499	2.86%	0.293%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG050715\
Data File : BG016944.D
Acq On : 8 May 2015 5:21
Operator : TP/IZ
Sample : G2116-14
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-51D

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % 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\8270-BG050515.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	7.253	773	777	779	rVV2	173491	237890	3.10%	0.318%
36	7.289	779	783	785	rVV	259339	403922	5.26%	0.539%
37	7.330	785	790	807	rVB	1450168	2770570	36.09%	3.700%
38	7.712	849	855	860	rBV7	118628	307260	4.00%	0.410%
39	7.776	860	866	875	rVB2	873281	1724888	22.47%	2.304%
40	7.864	875	881	886	rVB2	153582	308816	4.02%	0.412%
41	7.988	896	902	905	rVB4	181815	270895	3.53%	0.362%
42	8.058	910	914	915	rVV	210101	270794	3.53%	0.362%
43	8.088	915	919	920	rVV	416114	590746	7.69%	0.789%
44	8.117	920	924	936	rVB	1032565	1999960	26.05%	2.671%
45	8.329	956	960	962	rBV	215897	279583	3.64%	0.373%
46	8.387	967	970	974	rVB	258934	336101	4.38%	0.449%
47	8.458	974	982	986	rBV3	410911	735961	9.59%	0.983%
48	8.564	995	1000	1004	rBV	323423	511948	6.67%	0.684%
49	8.628	1007	1011	1015	rVV3	142515	218560	2.85%	0.292%
50	8.869	1047	1052	1054	rBV3	210815	329984	4.30%	0.441%
51	8.904	1054	1058	1061	rVV2	511083	845636	11.01%	1.129%
52	8.957	1061	1067	1081	rVV2	950346	2400136	31.26%	3.205%
53	9.110	1088	1093	1095	rBV3	171385	276569	3.60%	0.369%
54	9.145	1095	1099	1106	rVB4	277111	618783	8.06%	0.826%
55	9.280	1107	1122	1127	rBV7	204096	705785	9.19%	0.943%
56	9.439	1143	1149	1156	rVB5	218871	405450	5.28%	0.541%
57	9.510	1156	1161	1167	rBV4	155131	265552	3.46%	0.355%
58	9.674	1184	1189	1193	rBV3	155560	265104	3.45%	0.354%
59	9.721	1193	1197	1202	rVB3	290684	453710	5.91%	0.606%
60	9.774	1202	1206	1214	rBV6	217085	445161	5.80%	0.595%
61	9.850	1214	1219	1221	rBV2	220750	364186	4.74%	0.486%
62	9.938	1230	1234	1239	rVB2	214103	304430	3.97%	0.407%
63	9.991	1239	1243	1246	rBV2	335023	601609	7.84%	0.803%
64	10.121	1261	1265	1270	rVB	195785	258822	3.37%	0.346%
65	10.179	1270	1275	1288	rVB10	161346	401027	5.22%	0.536%
66	10.291	1288	1294	1298	rBV	124944	236442	3.08%	0.316%
67	10.456	1317	1322	1325	rVV3	168191	304506	3.97%	0.407%
68	10.491	1325	1328	1333	rVV4	158825	351963	4.58%	0.470%
69	10.585	1334	1344	1350	rVV2	546264	1653284	21.53%	2.208%
70	10.638	1350	1353	1360	rVV7	158720	424098	5.52%	0.566%
71	10.702	1360	1364	1369	rVV	277557	532827	6.94%	0.712%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG050715\
Data File : BG016944.D
Acq On : 8 May 2015 5:21
Operator : TP/IZ
Sample : G2116-14
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-51D

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % 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\8270-BG050515.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	10.755	1369	1373	1378	rVV	642320	950342	12.38%	1.269%
73	10.814	1378	1383	1391	rVV4	161825	357686	4.66%	0.478%
74	11.084	1424	1429	1435	rVV4	130304	241190	3.14%	0.322%
75	11.255	1454	1458	1461	rVV4	130981	249781	3.25%	0.334%
76	11.296	1461	1465	1472	rVV5	244274	556717	7.25%	0.743%
77	11.354	1472	1475	1482	rVV5	107509	213192	2.78%	0.285%
78	11.425	1482	1487	1494	rVV5	142490	266253	3.47%	0.356%
79	11.507	1494	1501	1508	rVB2	228069	447501	5.83%	0.598%
80	11.619	1514	1520	1529	rBV	458469	846365	11.02%	1.130%
81	12.236	1618	1625	1632	rVB4	135325	329020	4.29%	0.439%
82	12.700	1700	1704	1711	rVV4	91964	224819	2.93%	0.300%
83	12.976	1746	1751	1755	rVB	311580	416595	5.43%	0.556%
84	13.058	1757	1765	1771	rBV	1941342	2900217	37.77%	3.873%
85	13.893	1902	1907	1909	rBV	157636	225353	2.94%	0.301%
86	13.922	1909	1912	1916	rVV	294229	376222	4.90%	0.502%
87	14.433	1989	1999	2006	rBV2	597095	1013769	13.20%	1.354%
88	15.920	2245	2252	2259	rBV	1287976	1851200	24.11%	2.472%
89	17.177	2460	2466	2470	rBV	801096	1130966	14.73%	1.510%
90	17.218	2470	2473	2479	rVB	322495	433716	5.65%	0.579%
91	18.076	2605	2619	2629	rBV2	234905	527236	6.87%	0.704%
92	19.233	2810	2816	2821	rBV	366123	536834	6.99%	0.717%
93	19.298	2822	2827	2831	rVV	242993	313447	4.08%	0.419%
94	19.598	2869	2878	2887	rBV	330496	583226	7.60%	0.779%
95	19.809	2903	2914	2924	rBV	3328499	4291522	55.89%	5.731%
96	21.067	3124	3128	3135	rVB	717609	870931	11.34%	1.163%
97	21.354	3170	3177	3181	rBV2	993080	1458240	18.99%	1.947%
98	22.958	3446	3450	3455	rBV3	108048	206454	2.69%	0.276%
99	23.558	3546	3552	3560	rVB2	102071	210220	2.74%	0.281%
100	23.658	3562	3569	3576	rBV2	551708	1141128	14.86%	1.524%

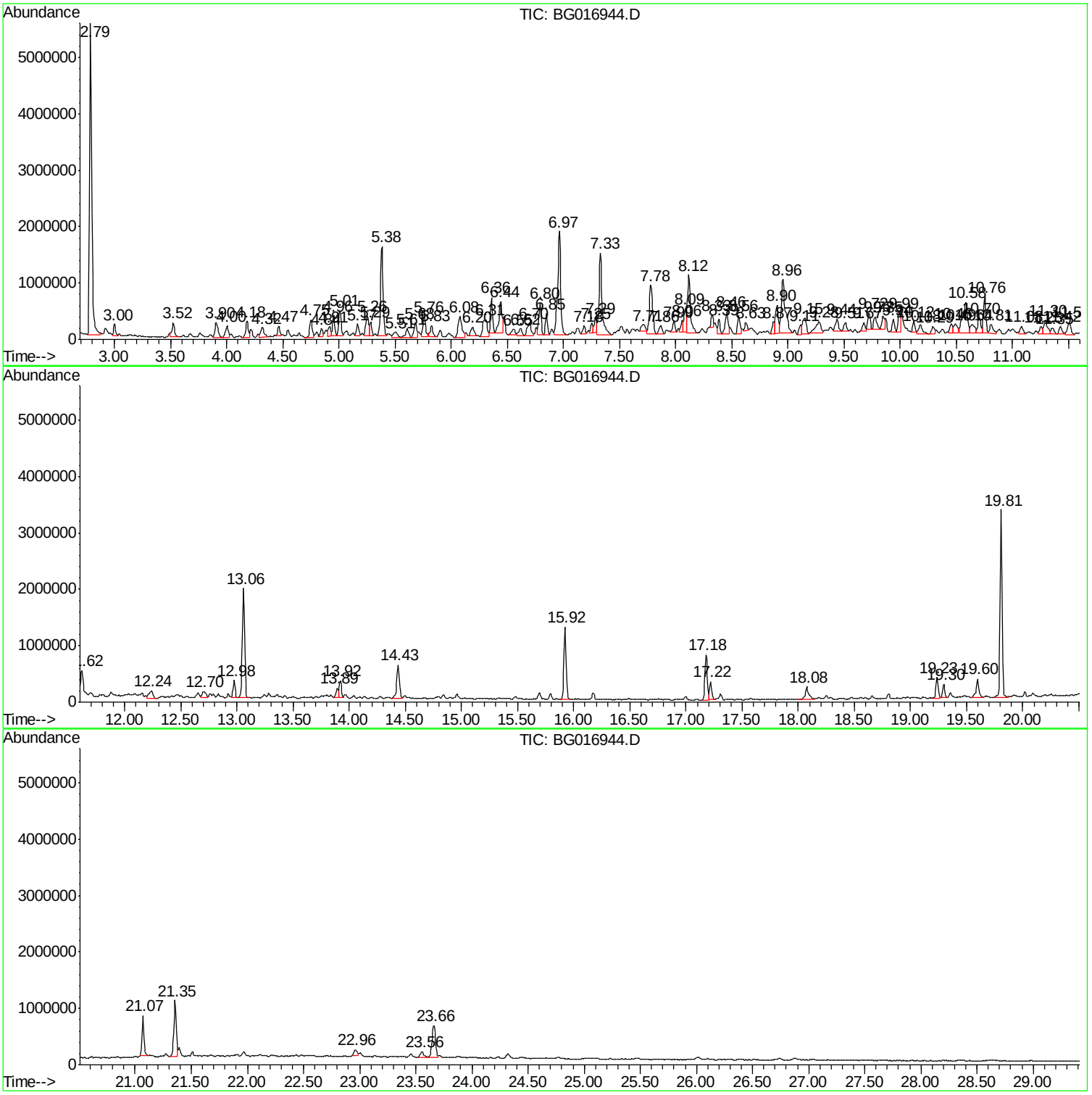
Sum of corrected areas: 74879556

Data Path : Z:\HPCHEM1\BNA G\DATA\BG050715\
Data File : BG016944.D
Acq On : 8 May 2015 5:21
Operator : TP/IZ
Sample : G2116-14
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-51D

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG050515.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG050715\
Data File : BG016944.D
Acq On : 8 May 2015 5:21
Operator : TP/IZ
Sample : G2116-14
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Instrument : BNA_G
ClientSampleId : SB-51D

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG050515.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

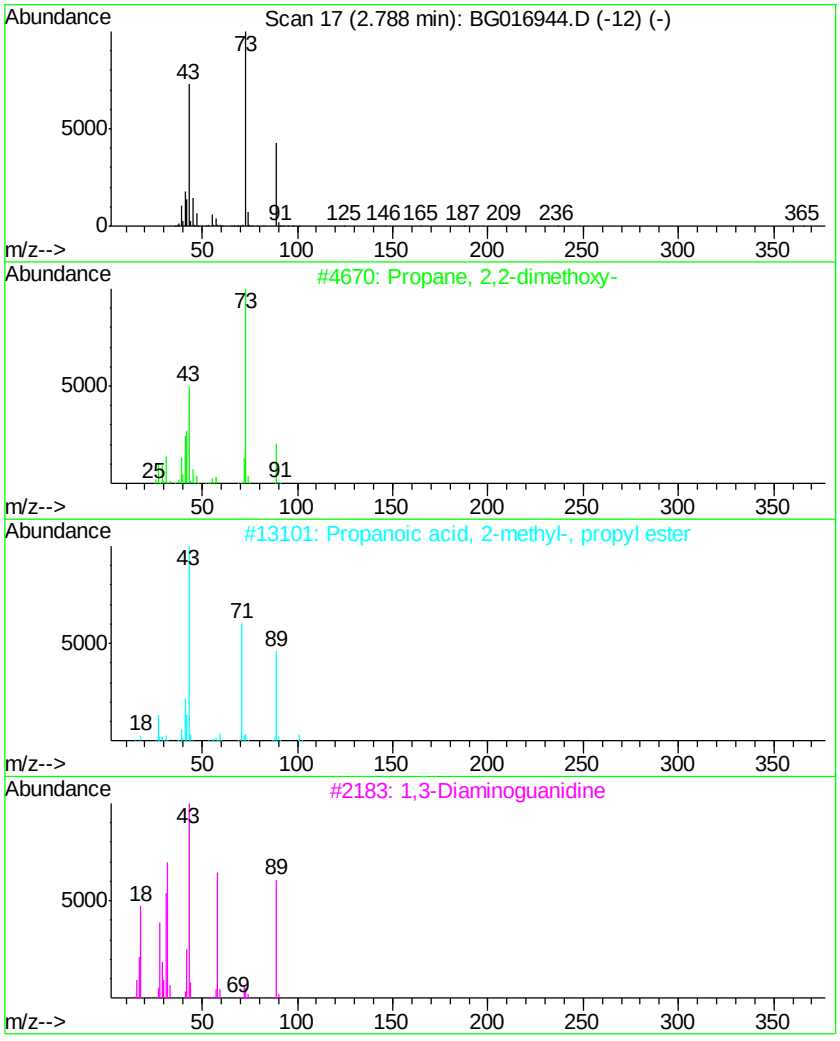
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

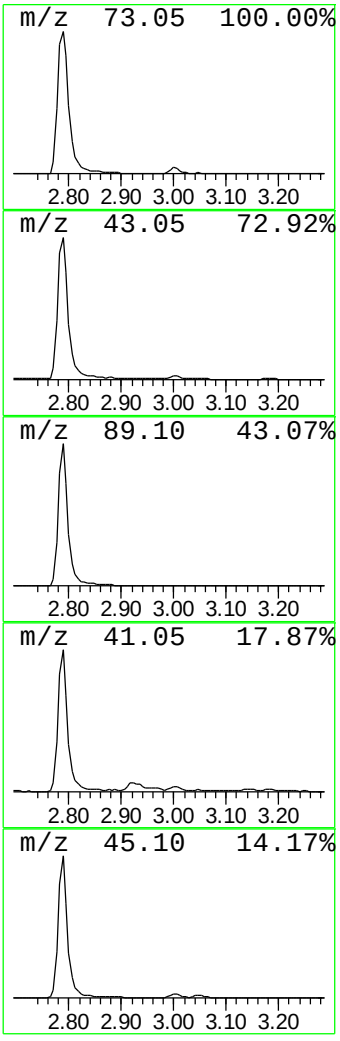
****

Peak Number 1 unknown2.79 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.79	89.02 ng	7677840	1,4-Dichlorobenzene-d4	7.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 2,2-dimethoxy-	104	C5H12O2	000077-76-9	40
2	Propanoic acid, 2-methyl-, propy...	130	C7H14O2	000644-49-5	38
3	1,3-Diaminoguanidine	89	CH7N5	004364-78-7	25
4	Acetamide, N-methyl-	73	C3H7NO	000079-16-3	12
5	2-Hydroxy-2-methylbutyric acid	118	C5H10O3	003739-30-8	9





Data Path : Z:\HPCHEM1\BNA G\DATA\BG050715\
Data File : BG016944.D
Acq On : 8 May 2015 5:21
Operator : TP/IZ
Sample : G2116-14
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-51D

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG050515.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

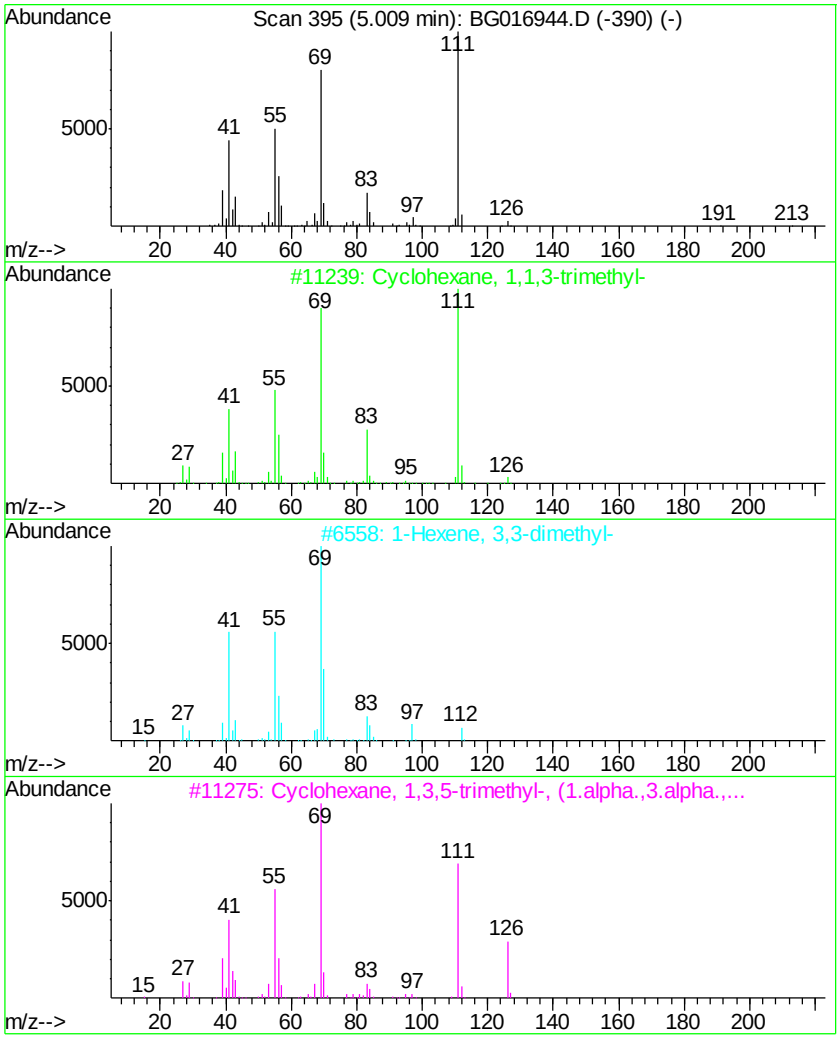
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

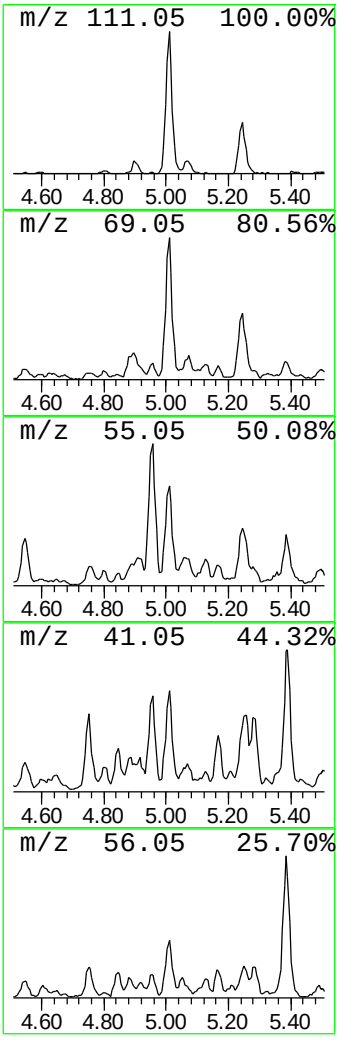
****

Peak Number 2 Cyclohexane, 1,1,3-trimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.01	7.70 ng	664016	1,4-Dichlorobenzene-d4	7.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	90
2	1-Hexene, 3,3-dimethyl-	112	C8H16	003404-77-1	55
3	Cyclohexane, 1,3,5-trimethyl-, (...	126	C9H18	001795-26-2	53
4	1,1,4-Trimethylcyclohexane	126	C9H18	007094-27-1	52
5	2,5-Dimethyl-3-hexene	112	C8H16	1000118-16-2	49





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG050715\
Data File : BG016944.D
Acq On : 8 May 2015 5:21
Operator : TP/IZ
Sample : G2116-14
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-51D

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG050515.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

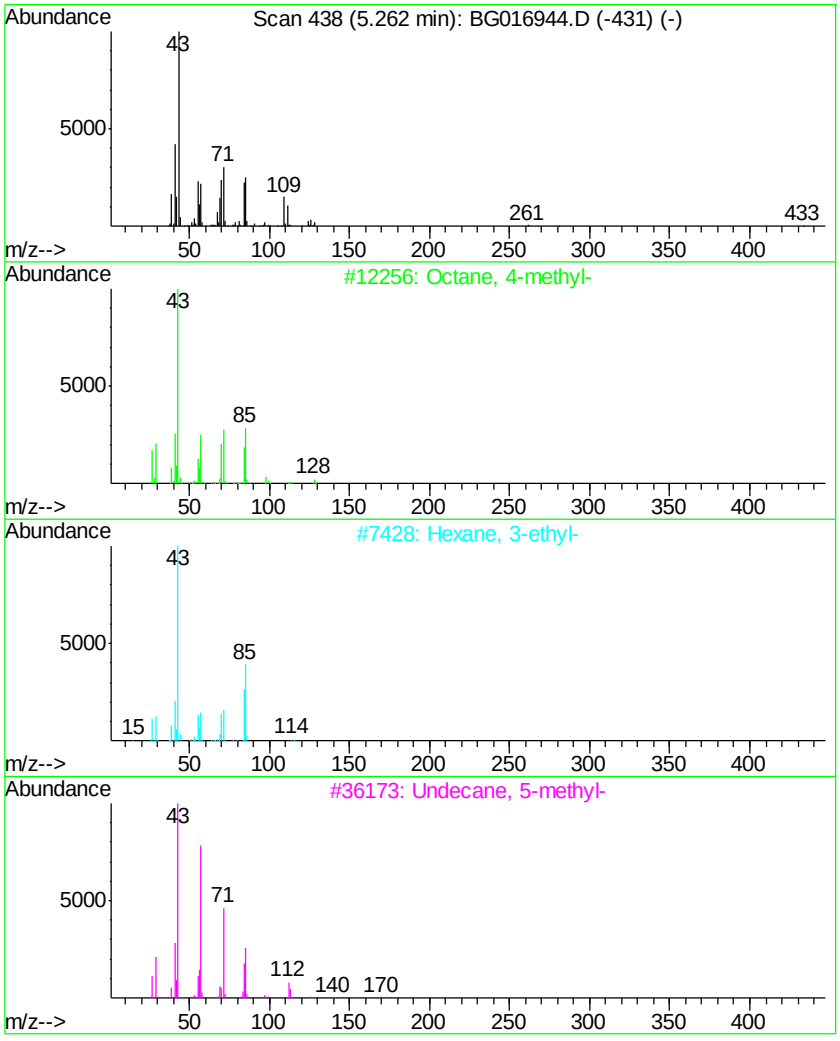
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

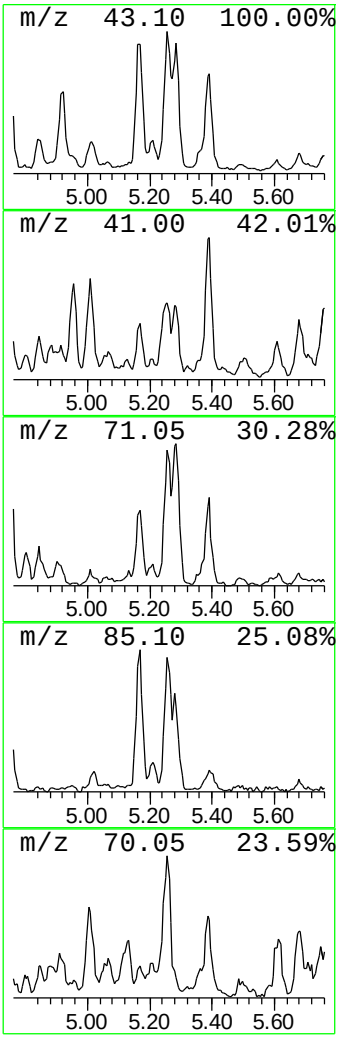
****

Peak Number 3 Octane, 4-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.26	8.22 ng	708957	1,4-Dichlorobenzene-d4	7.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 4-methyl-	128	C9H20	002216-34-4	76
2	Hexane, 3-ethyl-	114	C8H18	000619-99-8	53
3	Undecane, 5-methyl-	170	C12H26	001632-70-8	47
4	Undecane, 3,7-dimethyl-	184	C13H28	017301-29-0	43
5	Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	43





Data Path : Z:\HPCHEM1\BNA G\DATA\BG050715\
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Operator : TP/IZ
Sample : G2116-14
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-51D

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG050515.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

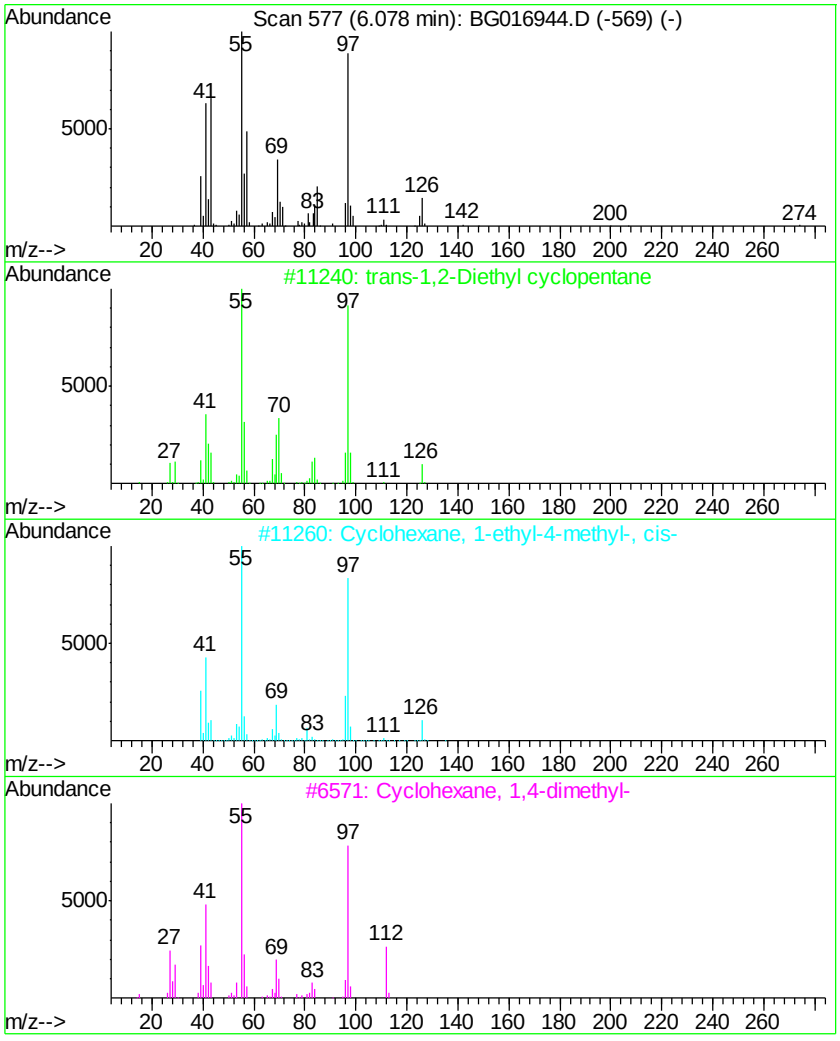
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

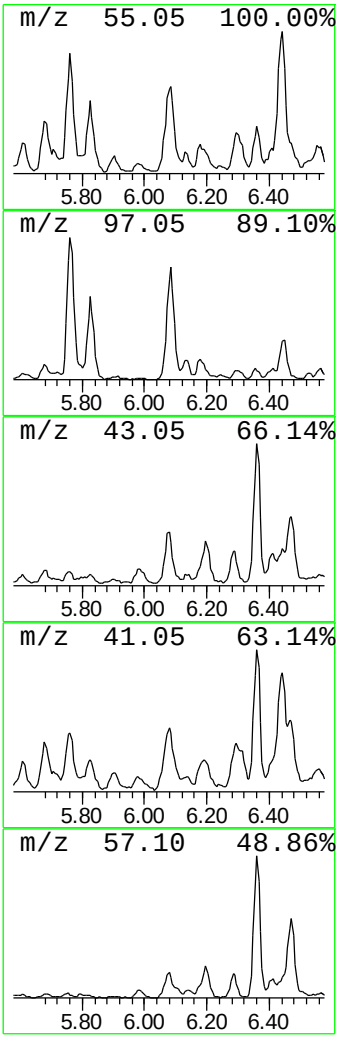
****

Peak Number 4 trans-1,2-Diethyl cyclopentane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.08	10.04 ng	866233	1,4-Dichlorobenzene-d4	7.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	trans-1,2-Diethyl cyclopentane	126	C9H18	000932-40-1	80
2	Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	004926-78-7	62
3	Cyclohexane, 1,4-dimethyl-	112	C8H16	000589-90-2	59
4	1,3-Dimethylcyclohexane,c&t	112	C8H16	000591-21-9	58
5	Cyclohexane, 1,3-dimethyl-, cis-	112	C8H16	000638-04-0	58





Data Path : Z:\HPCHEM1\BNA G\DATA\BG050715\
Data File : BG016944.D
Acq On : 8 May 2015 5:21
Operator : TP/IZ
Sample : G2116-14
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-51D

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG050515.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

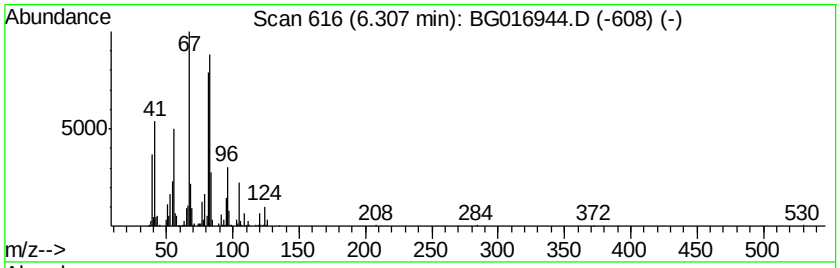
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

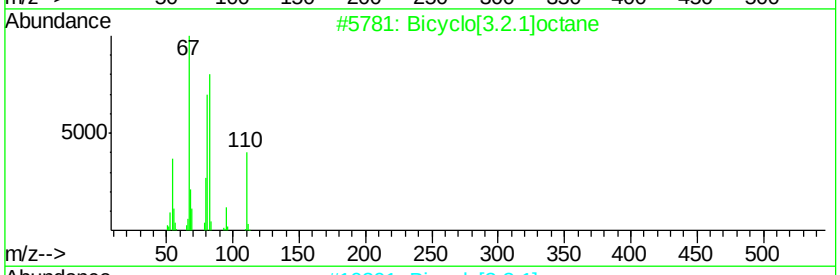
****

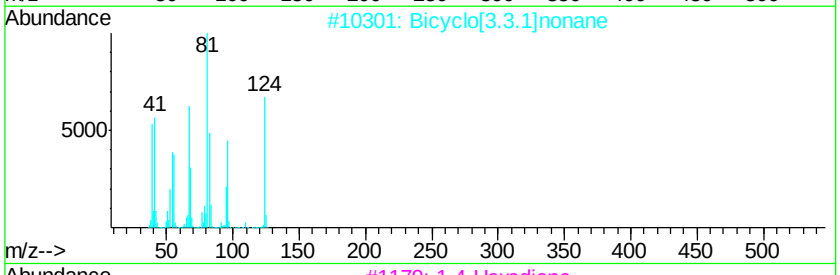
Peak Number 5 Bicyclo[3.2.1]octane Concentration Rank 9

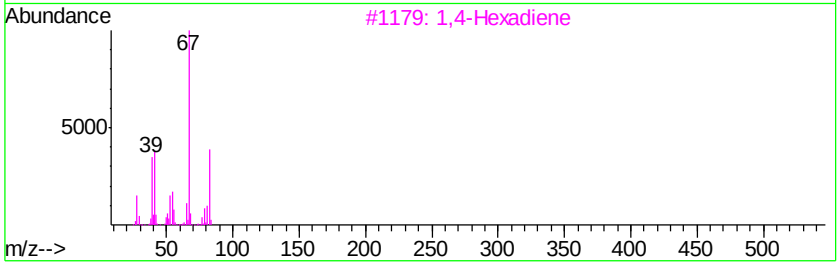
R.T.	EstConc	Area	Relative to ISTD	R.T.
6.31	9.86 ng	850553	1,4-Dichlorobenzene-d4	7.80

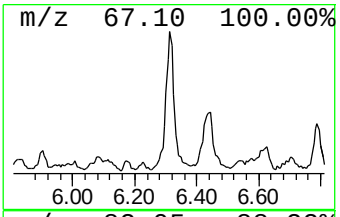
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[3.2.1]octane	110	C8H14	006221-55-2	72
2	Bicyclo[3.3.1]nonane	124	C9H16	000280-65-9	46
3	1,4-Hexadiene	82	C6H10	000592-45-0	43
4	Formic acid, cyclohexyl ester	128	C7H12O2	004351-54-6	43
5	1,3-Hexadiene,c&t	82	C6H10	000592-48-3	43

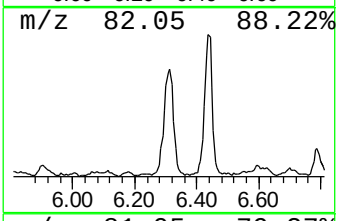


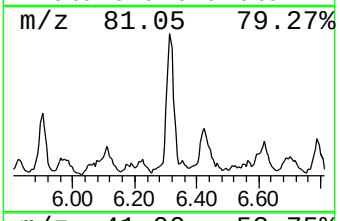


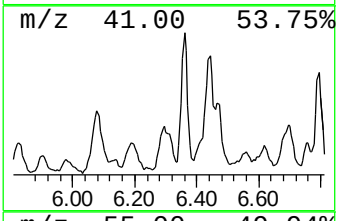


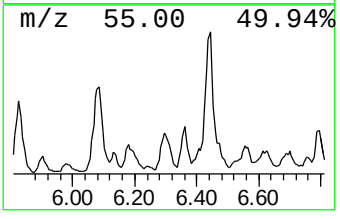












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Data File : BG016944.D
Acq On : 8 May 2015 5:21
Operator : TP/IZ
Sample : G2116-14
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-51D

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG050515.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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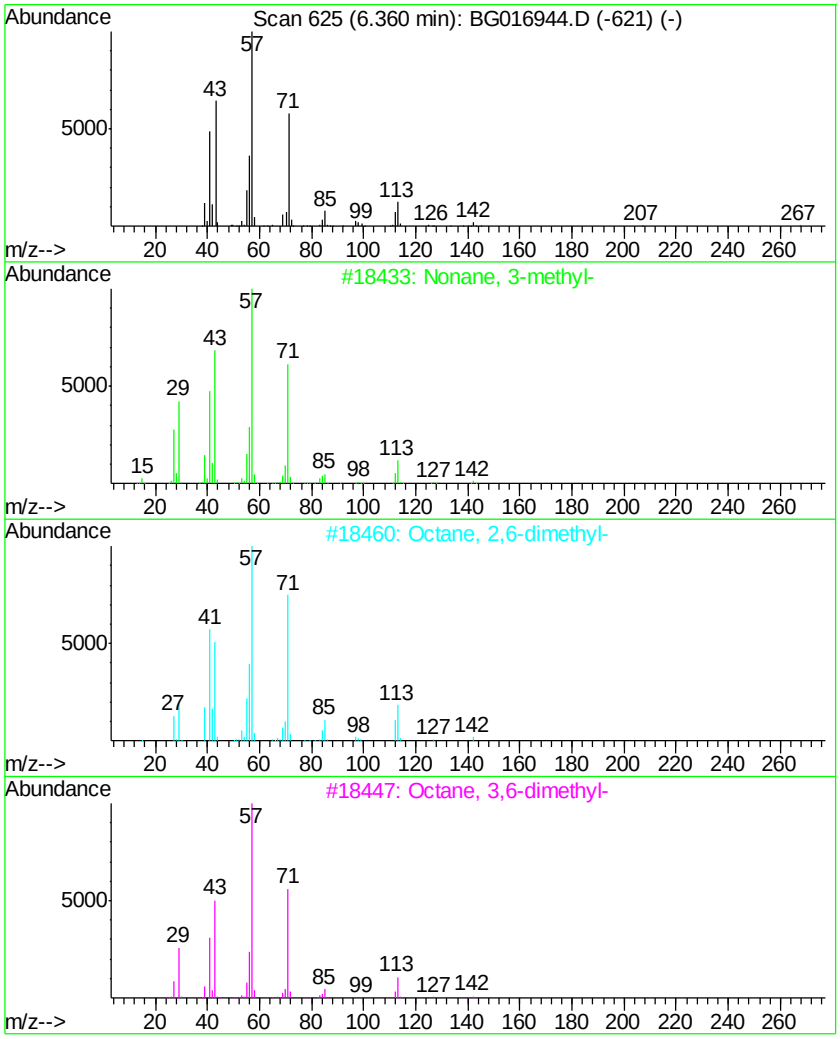
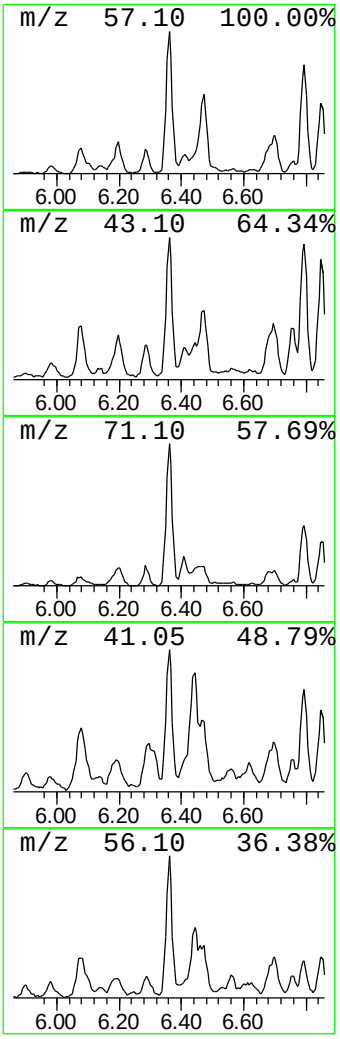
Peak Number 6 Nonane, 3-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.36	9.64 ng	831725	1,4-Dichlorobenzene-d4	7.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 3-methyl-	142	C10H22	005911-04-6	94
2	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	94
3	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	87
4	Undecane, 4,5-dimethyl-	184	C13H28	017312-79-7	59
5	3-Bromooctane	192	C8H17Br	000999-64-4	53





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Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-51D

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG050515.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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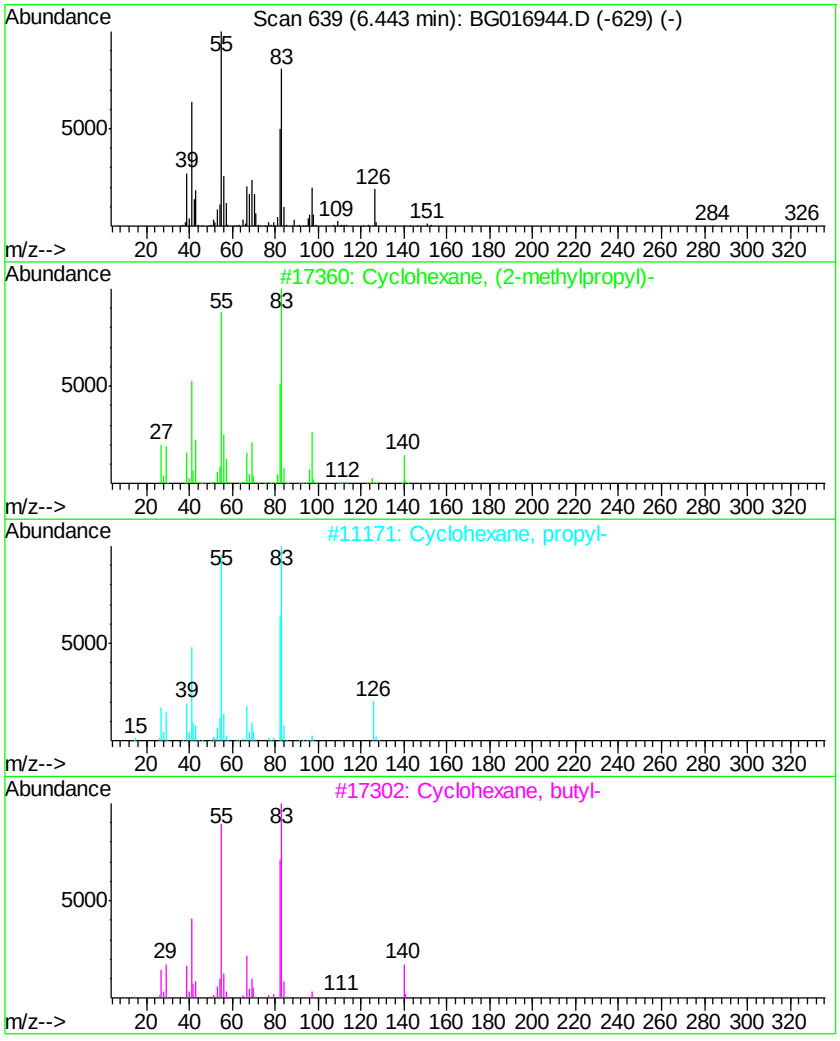
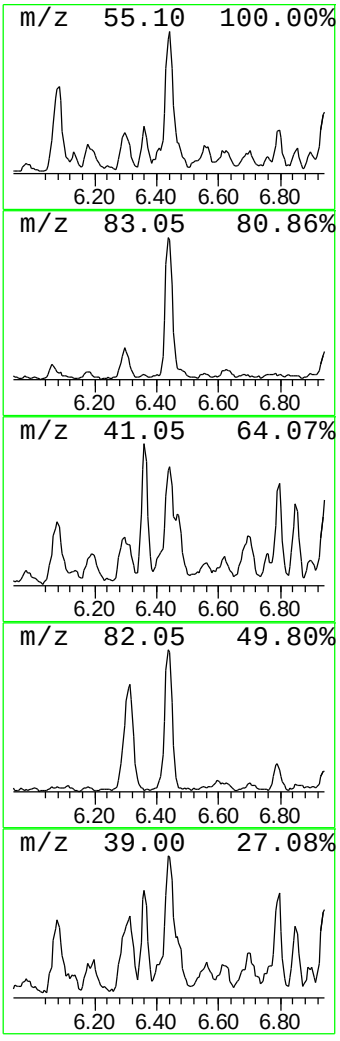
Peak Number 7 Cyclohexane, (2-methylpropyl)- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.44	12.88 ng	1110550	1,4-Dichlorobenzene-d4	7.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	91
2	Cyclohexane, propyl-	126	C9H18	001678-92-8	81
3	Cyclohexane, butyl-	140	C10H20	001678-93-9	72
4	Cyclohexane, octyl-	196	C14H28	001795-15-9	64
5	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	59





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Operator : TP/IZ
Sample : G2116-14
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-51D

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG050515.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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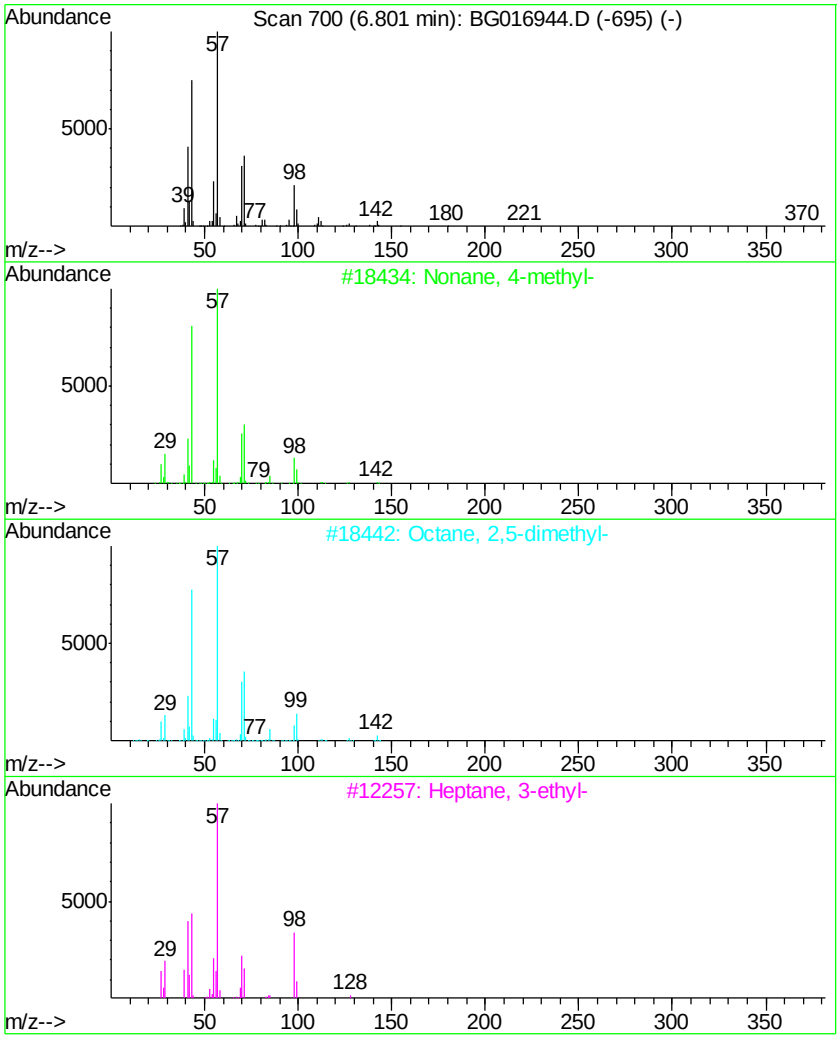
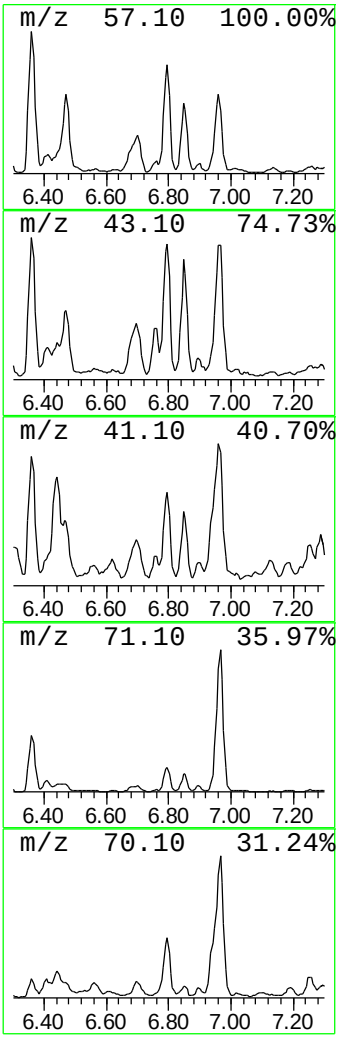
Peak Number 8 Nonane, 4-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.80	9.68 ng	834829	1,4-Dichlorobenzene-d4	7.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 4-methyl-	142	C10H22	017301-94-9	64
2	Octane, 2,5-dimethyl-	142	C10H22	015869-89-3	58
3	Heptane, 3-ethyl-	128	C9H20	015869-80-4	53
4	Pentane, 2,2,3,3-tetramethyl-	128	C9H20	007154-79-2	50
5	Heptane, 4-propyl-	142	C10H22	003178-29-8	50





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Acq On : 8 May 2015 5:21
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Sample : G2116-14
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-51D

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG050515.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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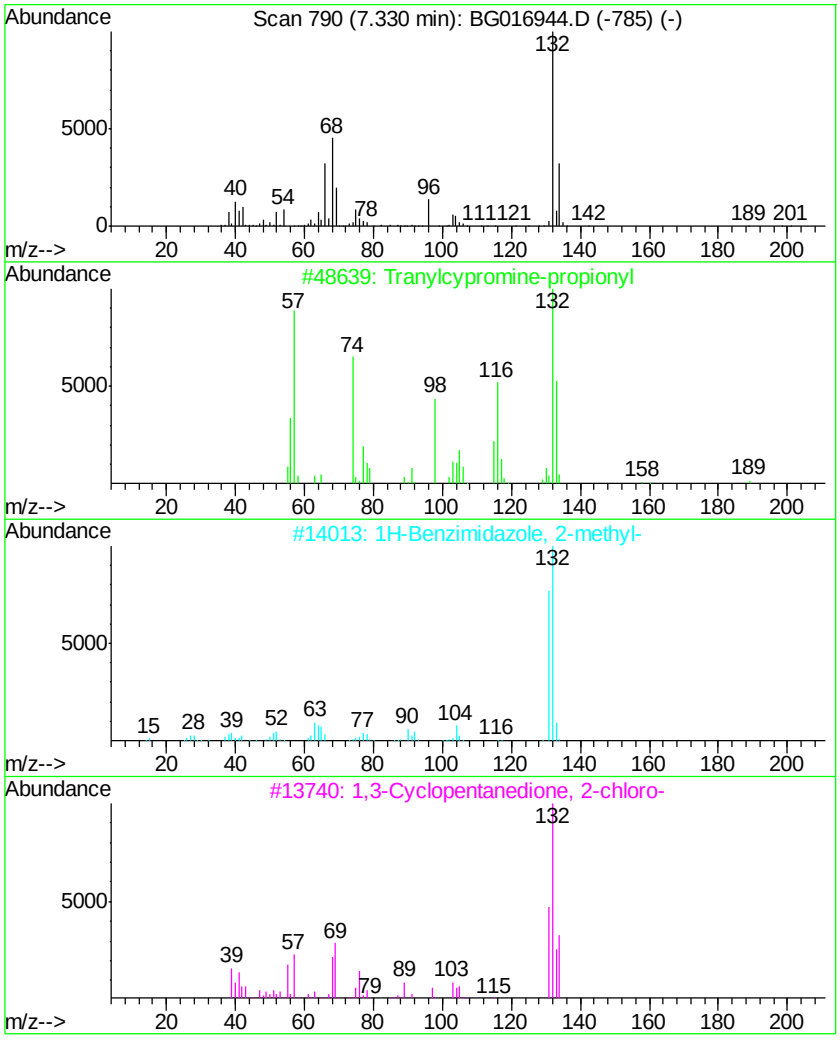
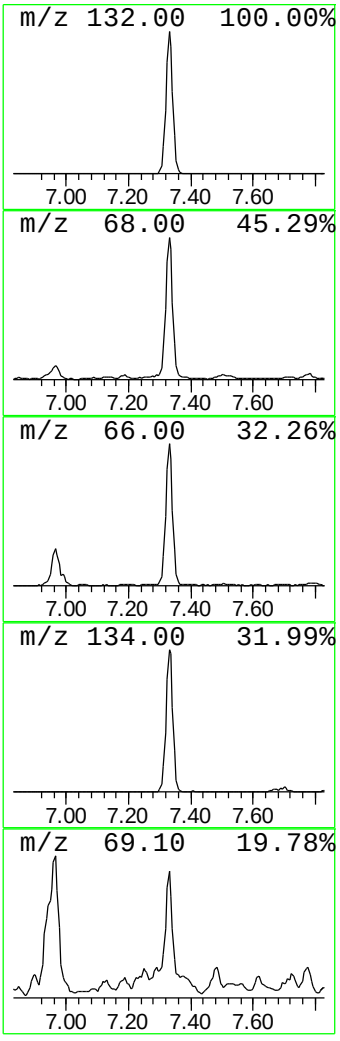
Peak Number 9 unknown7.33 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.33	32.12 ng	2770570	1,4-Dichlorobenzene-d4	7.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	22
2	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
3	1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	13
4	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	12
5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12





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Sample : G2116-14
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-51D

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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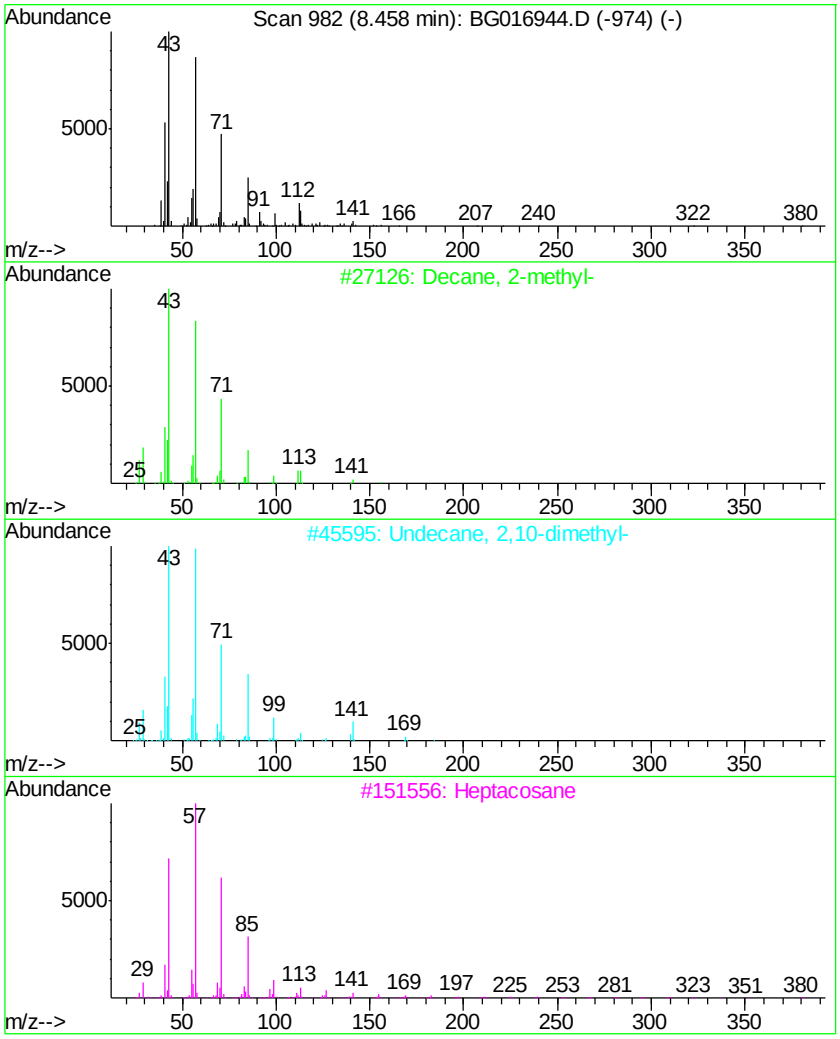
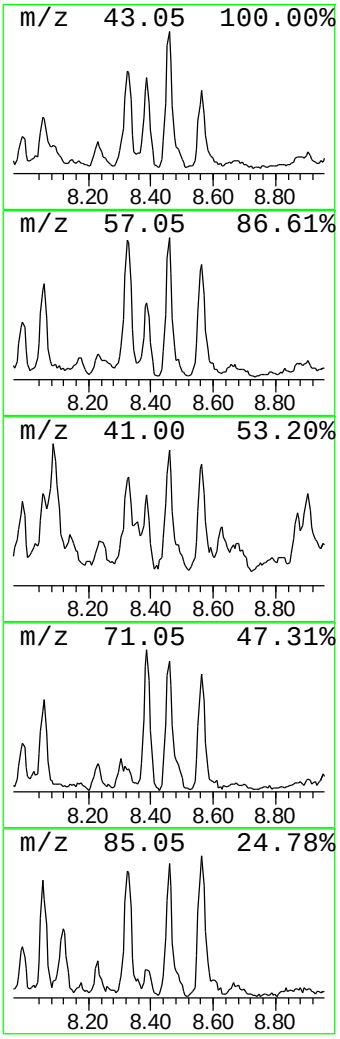
Peak Number 11 Decane, 2-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.46	8.53 ng	735961	1,4-Dichlorobenzene-d4	7.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 2-methyl-	156	C11H24	006975-98-0	95
2	Undecane, 2,10-dimethyl-	184	C13H28	017301-27-8	64
3	Heptacosane	380	C27H56	000593-49-7	60
4	Undecane, 2-methyl-	170	C12H26	007045-71-8	59
5	Nonane, 3-methyl-	142	C10H22	005911-04-6	58





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Sample : G2116-14
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-51D

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG050515.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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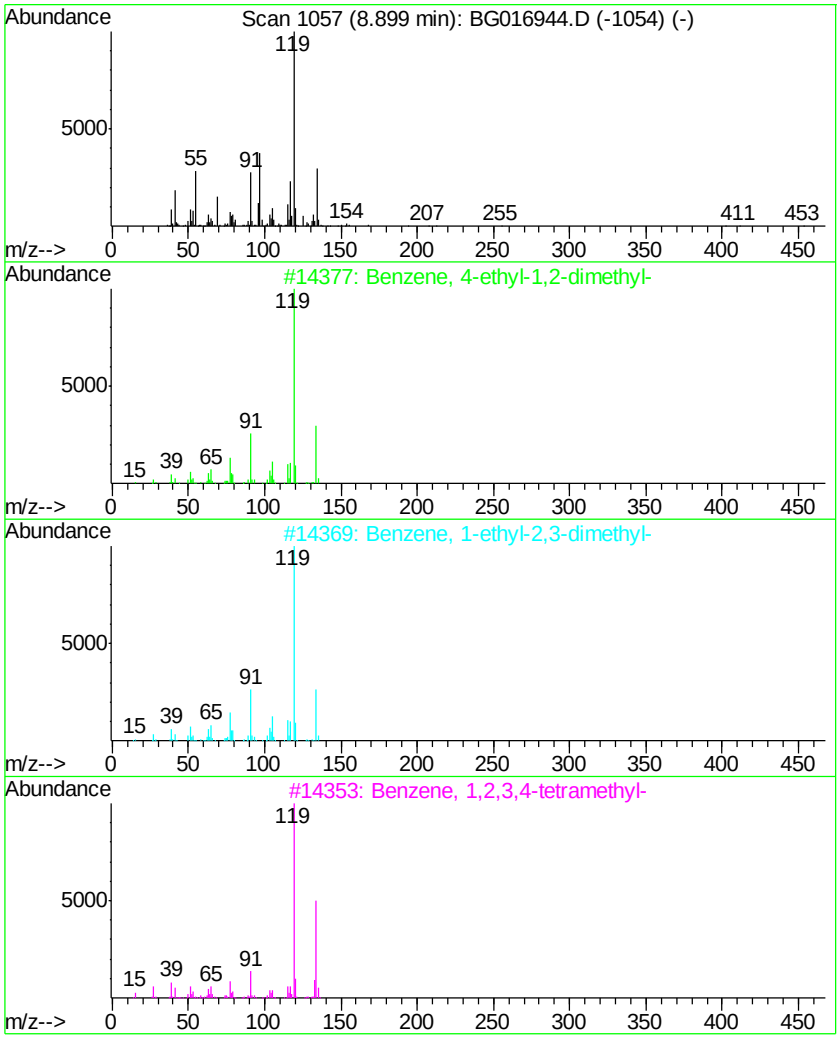
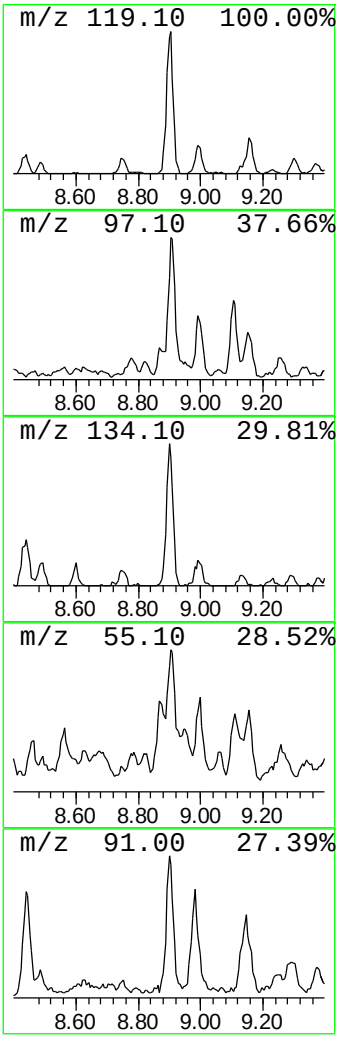
Peak Number 12 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.90	9.81 ng	845636	1,4-Dichlorobenzene-d4	7.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	87
2	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	60
3	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	60
4	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	60
5	Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	60





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Acq On : 8 May 2015 5:21
Operator : TP/IZ
Sample : G2116-14
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-51D

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG050515.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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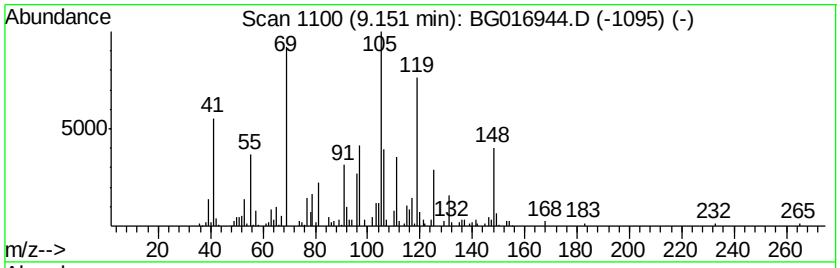
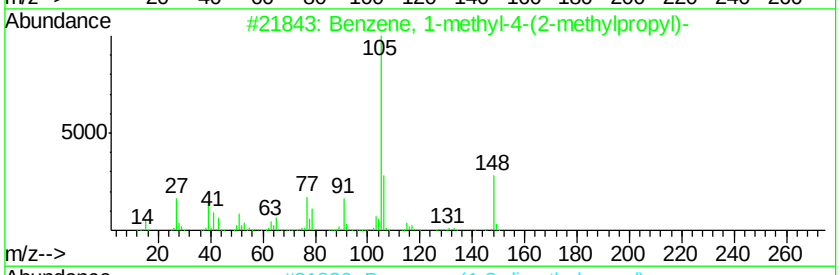
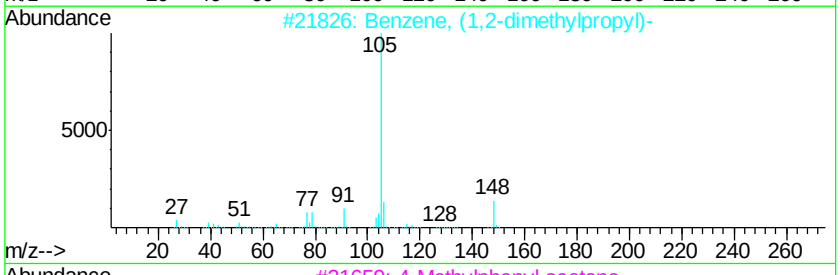
Peak Number 13 unknown9.15 Concentration Rank 20

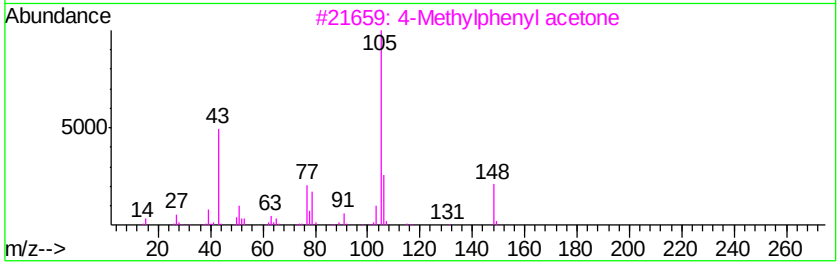
R.T.	EstConc	Area	Relative to ISTD	R.T.
9.15	7.17 ng	618783	1,4-Dichlorobenzene-d4	7.80

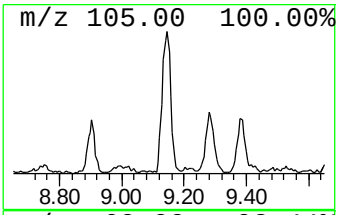
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-(2-methylpro...	148	C11H16	005161-04-6	38
2	Benzene, (1,2-dimethylpropyl)-	148	C11H16	004481-30-5	25
3	4-Methylphenyl acetone	148	C10H12O	002096-86-8	22
4	1,5,5-Trimethylpyrrolidin-2,3,4-...	259	C14H17N3O2	1000286-64-9	12
5	Benzene, 1-(bromomethyl)-4-methyl-	184	C8H9Br	000104-81-4	10

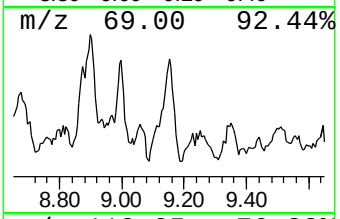


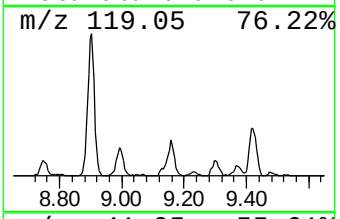


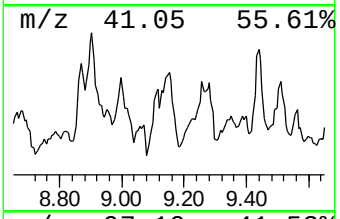


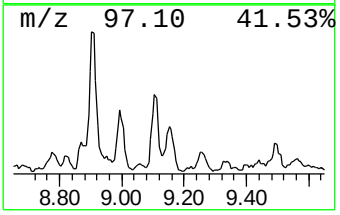












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Acq On : 8 May 2015 5:21
Operator : TP/IZ
Sample : G2116-14
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-51D

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG050515.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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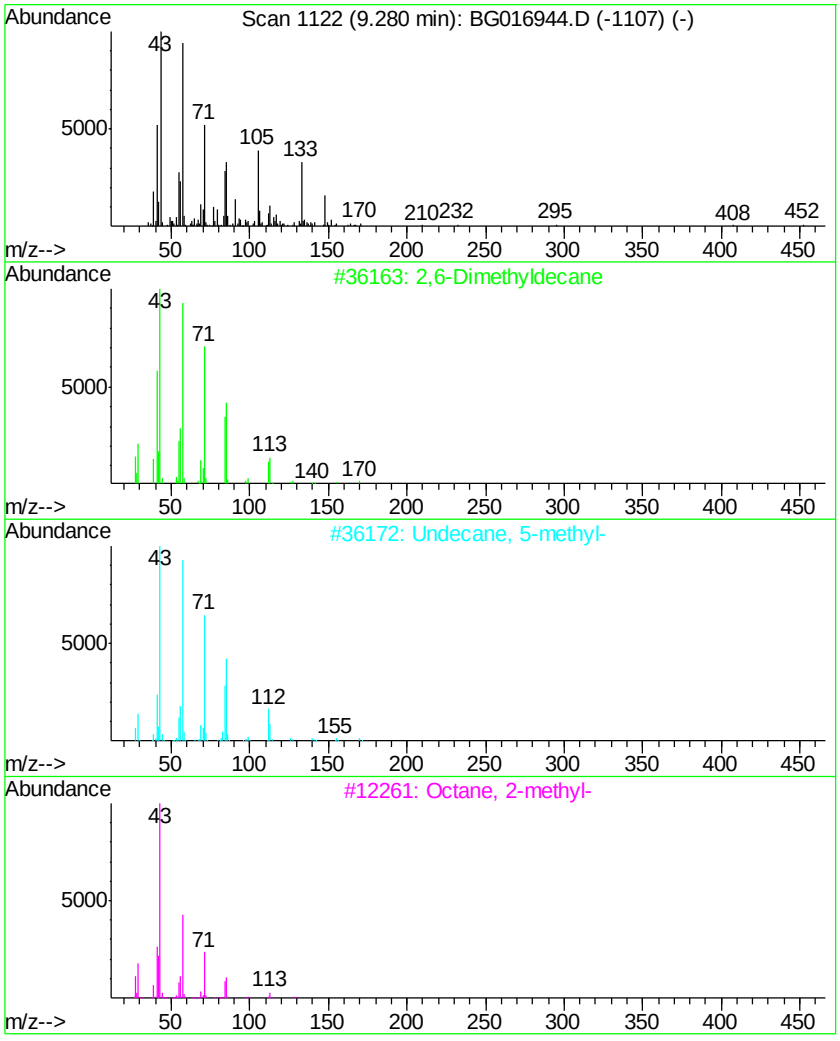
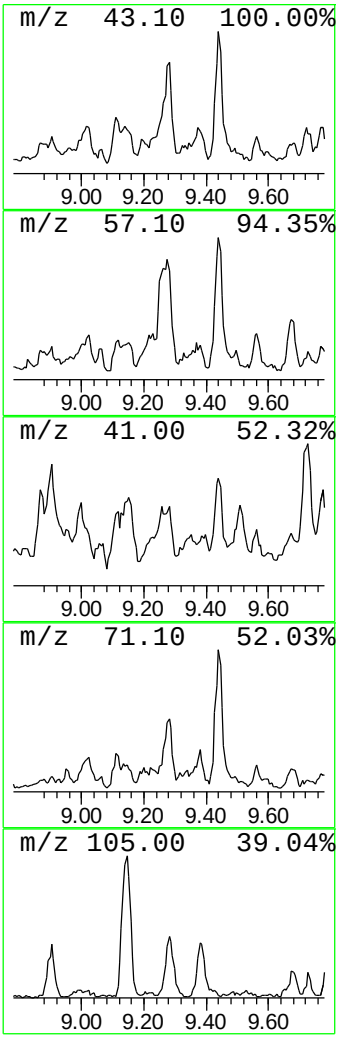
Peak Number 14 2,6-Dimethyldecane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.28	8.54 ng	705785	Naphthalene-d8	10.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,6-Dimethyldecane	170	C12H26	013150-81-7	93
2	Undecane, 5-methyl-	170	C12H26	001632-70-8	62
3	Octane, 2-methyl-	128	C9H20	003221-61-2	53
4	Hexane, 2,3,4-trimethyl-	128	C9H20	000921-47-1	47
5	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	38





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

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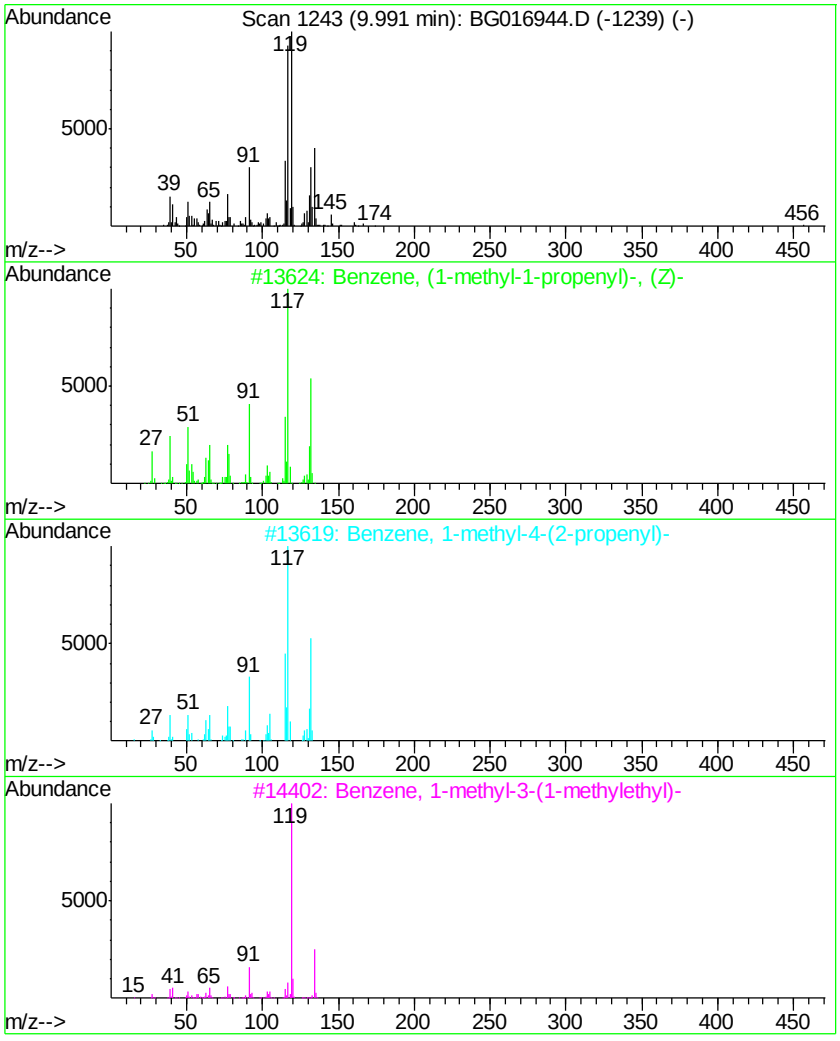
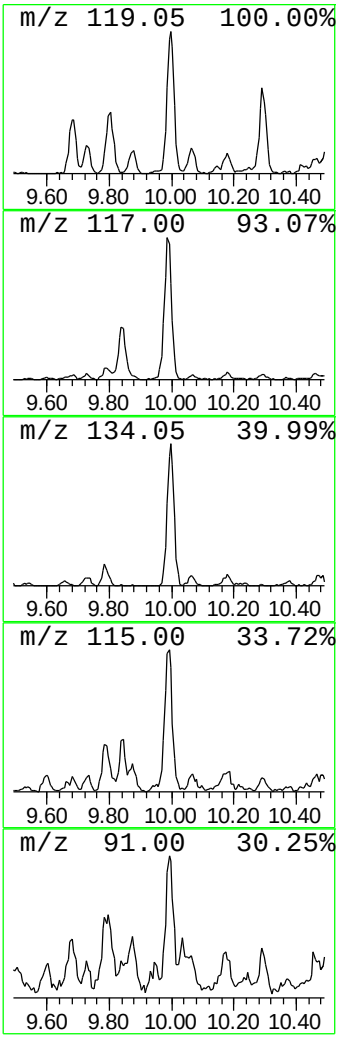
Peak Number 15 Benzene, (1-methyl-1-propen... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.99	7.28 ng	601609	Naphthalene-d8	10.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000767-99-7	64
2	Benzene, 1-methyl-4-(2-propenyl)-	132	C10H12	003333-13-9	64
3	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	50
4	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	50
5	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	50





Data Path : Z:\HPCHEM1\BNA G\DATA\BG050715\
Data File : BG016944.D
Acq On : 8 May 2015 5:21
Operator : TP/IZ
Sample : G2116-14
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-51D

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG050515.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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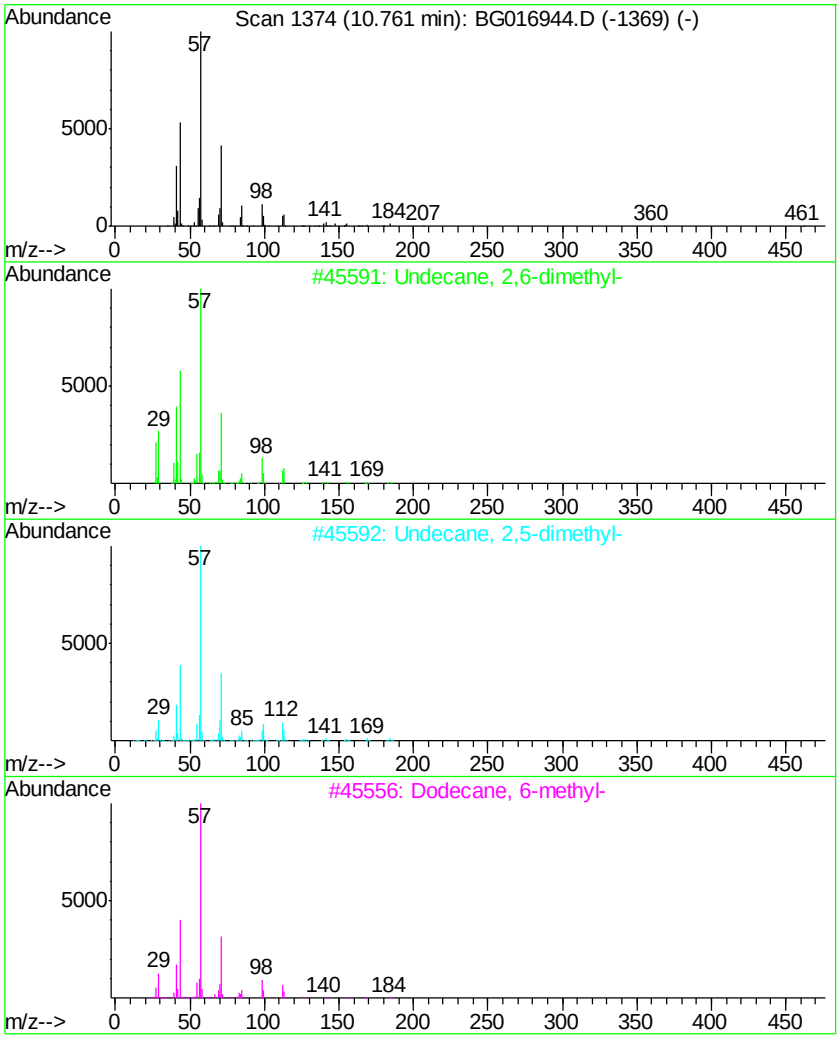
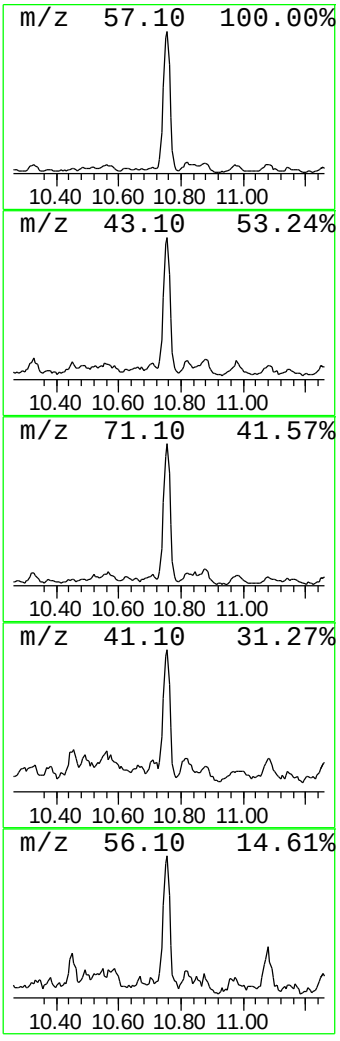
Peak Number 16 Undecane, 2,6-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.76	11.50 ng	950342	Naphthalene-d8	10.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	94
2	Undecane, 2,5-dimethyl-	184	C13H28	017301-22-3	83
3	Dodecane, 6-methyl-	184	C13H28	006044-71-9	76
4	Undecane, 6-ethyl-	184	C13H28	017312-60-6	72
5	Decane, 2,6,8-trimethyl-	184	C13H28	062108-26-3	72





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Data File : BG016944.D
Acq On : 8 May 2015 5:21
Operator : TP/IZ
Sample : G2116-14
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-51D

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG050515.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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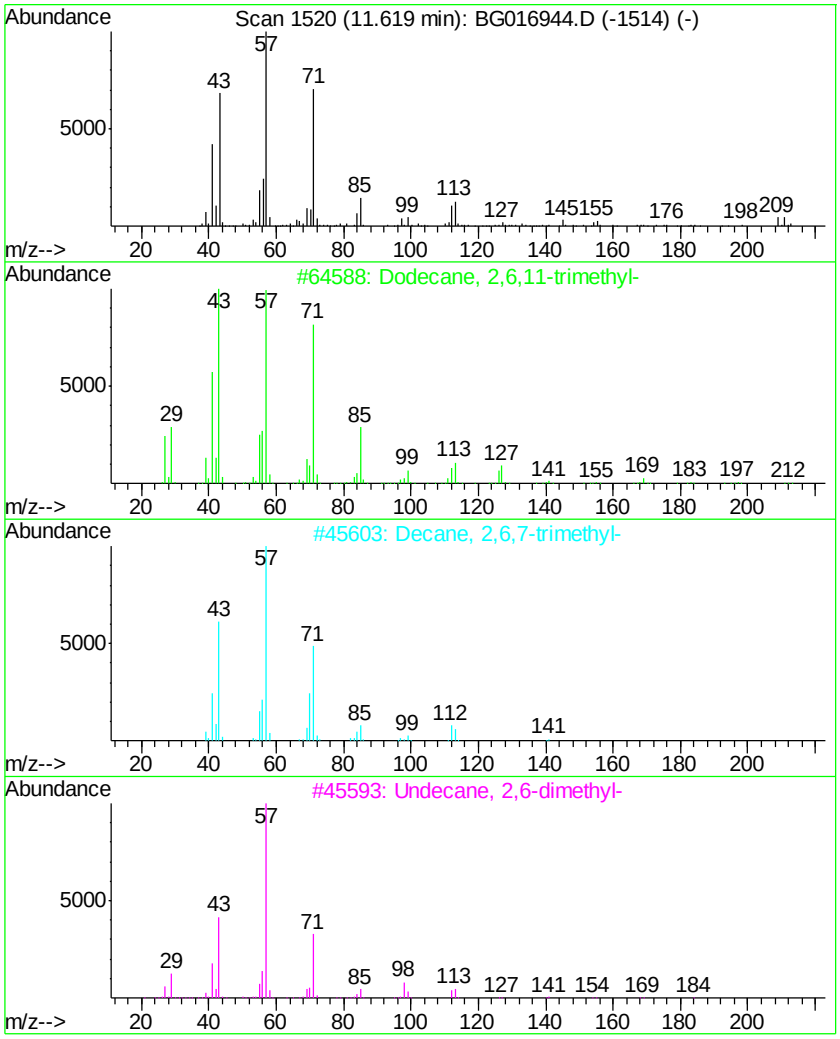
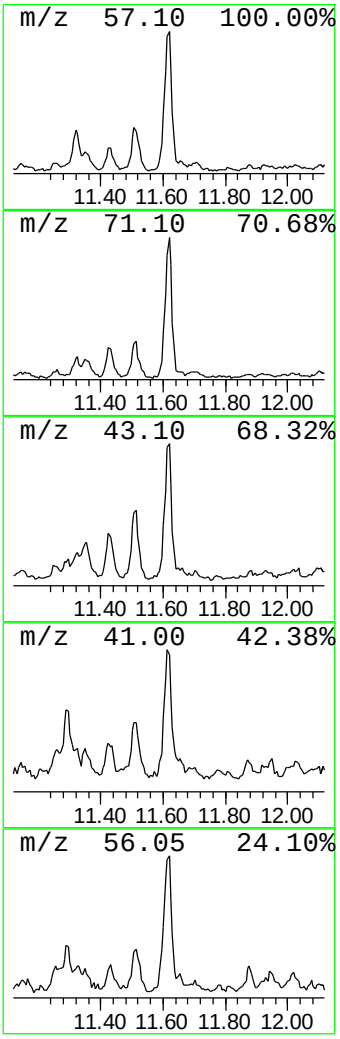
Peak Number 17 Dodecane, 2,6,11-trimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.62	10.24 ng	846365	Naphthalene-d8	10.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	89
2	Decane, 2,6,7-trimethyl-	184	C13H28	062108-25-2	86
3	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	62
4	Decane, 5-propyl-	184	C13H28	017312-62-8	58
5	Decane, 2-methyl-	156	C11H24	006975-98-0	53





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Data File : BG016944.D
Acq On : 8 May 2015 5:21
Operator : TP/IZ
Sample : G2116-14
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-51D

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG050515.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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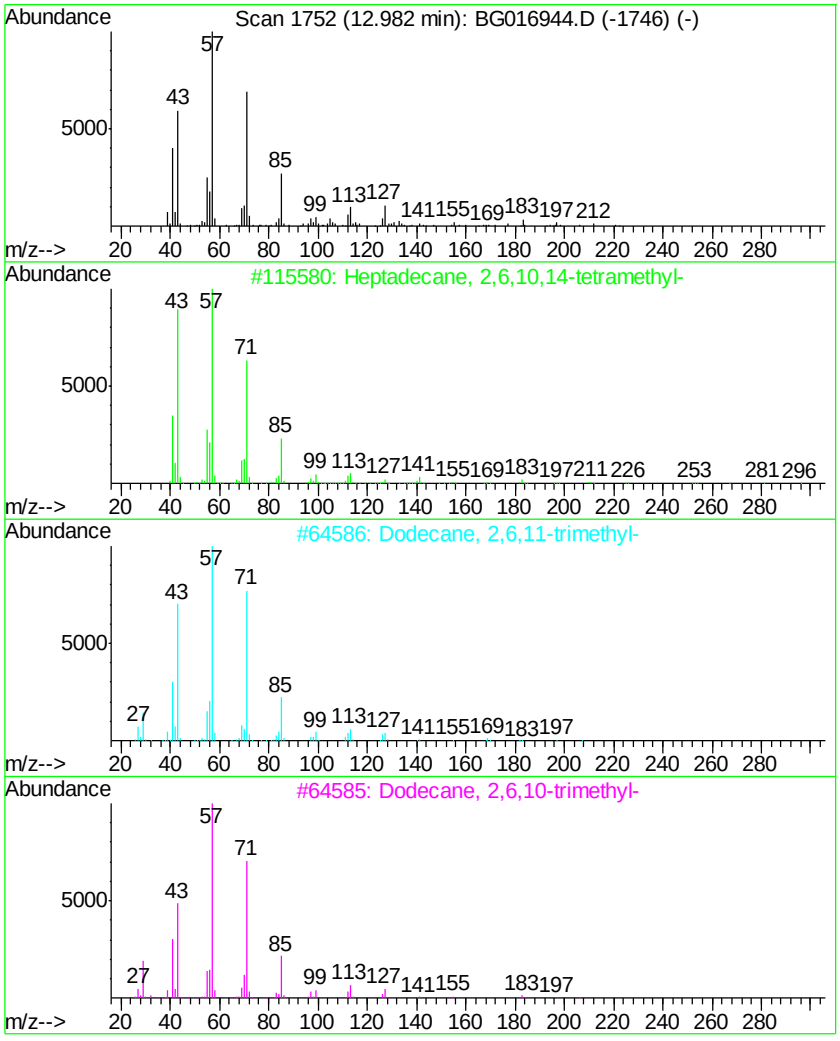
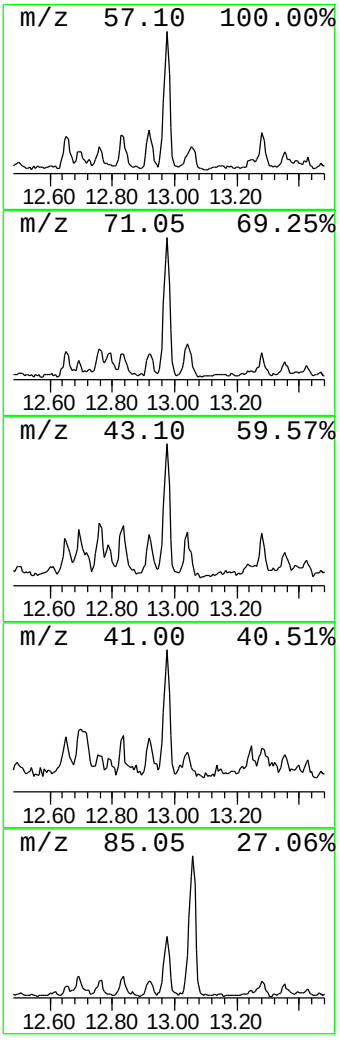
Peak Number 18 Heptadecane, 2,6,10,14-tetr... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.98	8.22 ng	416595	Acenaphthene-d10	14.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 2,6,10,14-tetramethyl-	296	C21H44	018344-37-1	91
2	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	90
3	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	86
4	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	83
5	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	80





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Acq On : 8 May 2015 5:21
Operator : TP/IZ
Sample : G2116-14
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-51D

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG050515.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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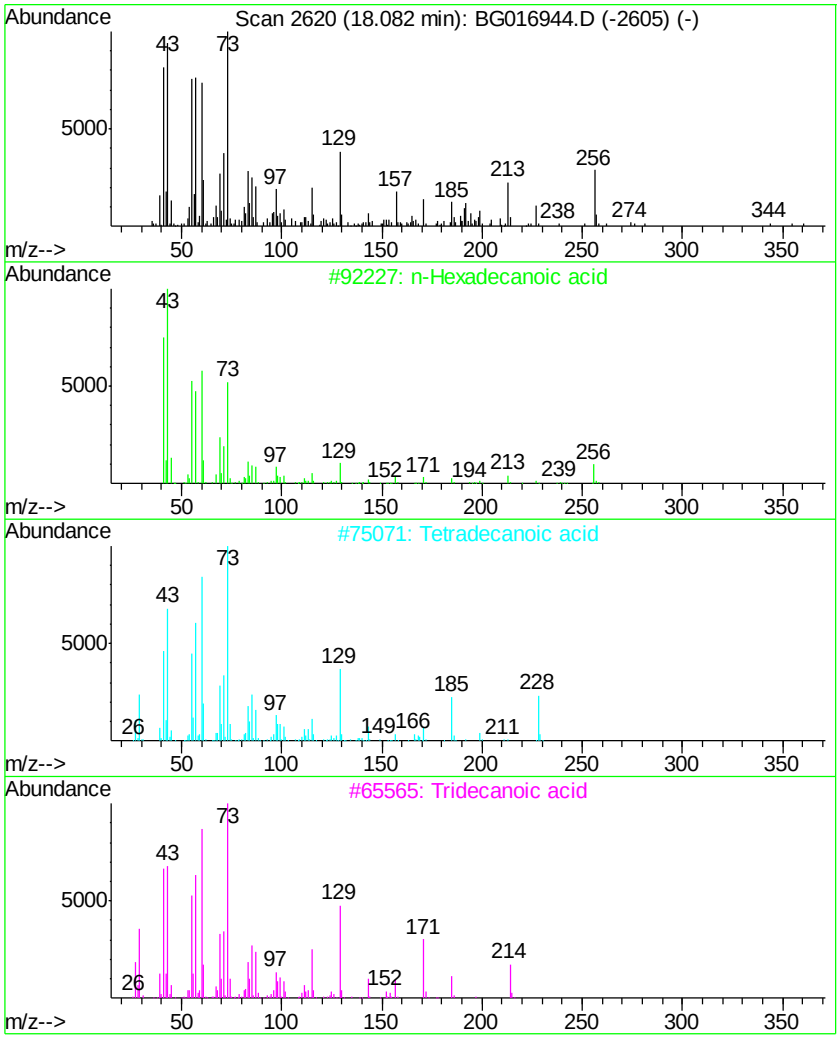
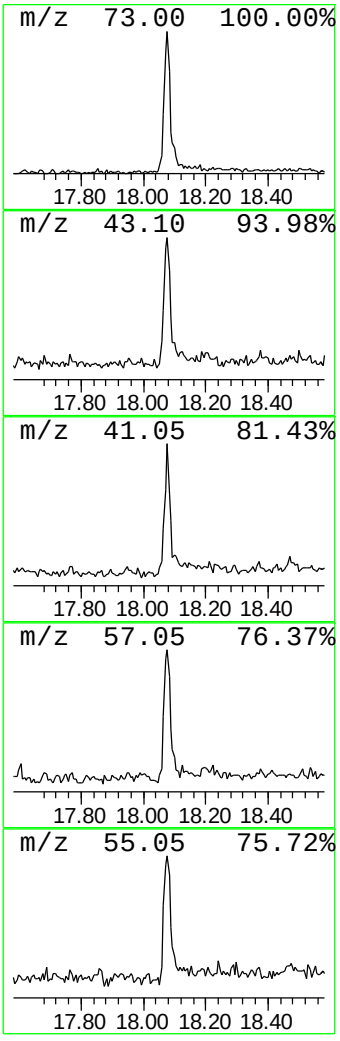
Peak Number 19 n-Hexadecanoic acid Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.08	9.32 ng	527236	Phenanthrene-d10	17.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	90
3	Tridecanoic acid	214	C13H26O2	000638-53-9	81
4	n-Decanoic acid	172	C10H20O2	000334-48-5	76
5	Undecanoic acid	186	C11H22O2	000112-37-8	64





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Operator : TP/IZ
Sample : G2116-14
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-51D

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG050515.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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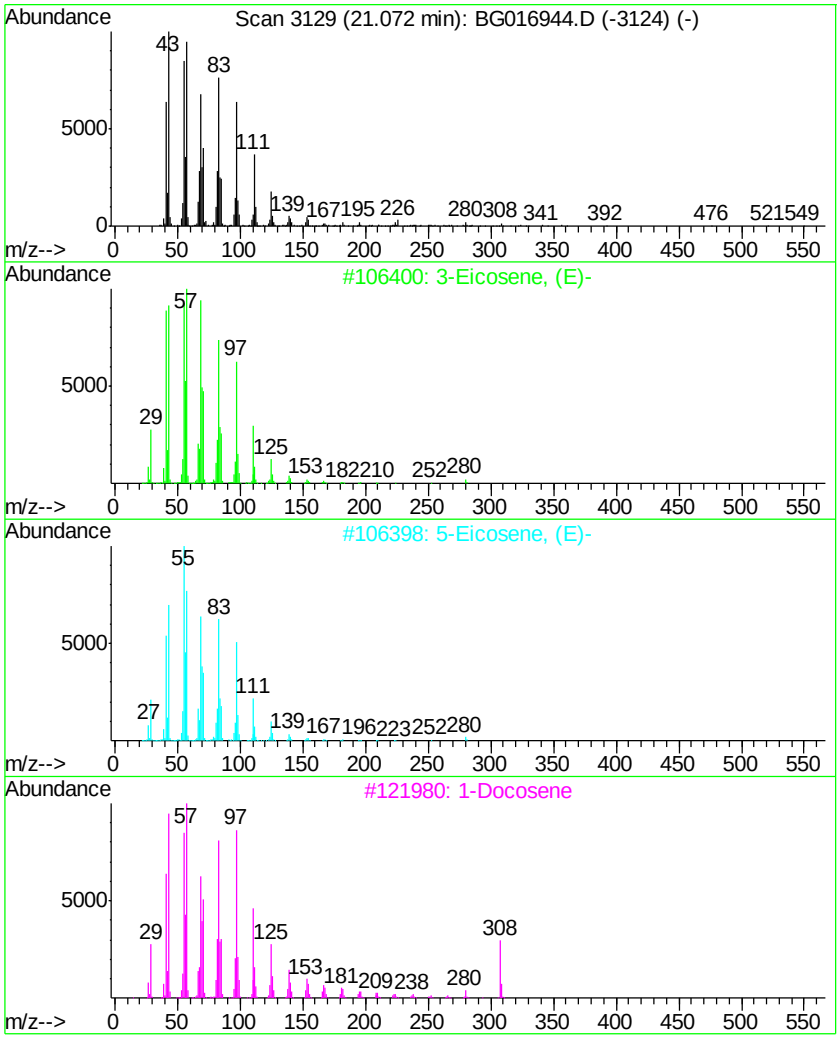
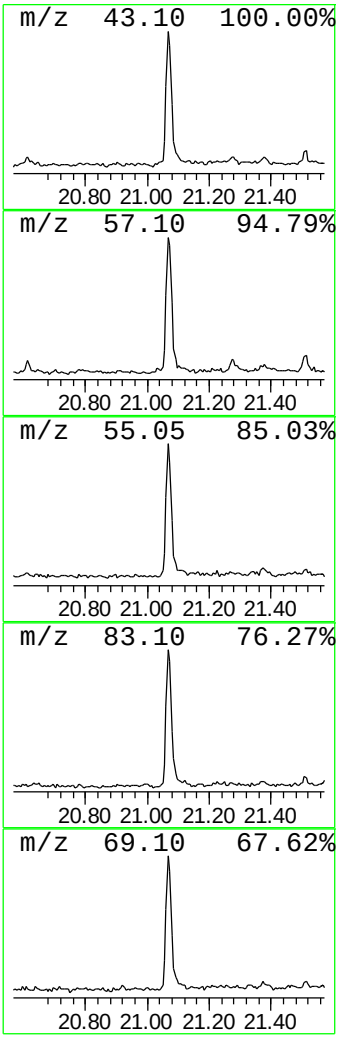
Peak Number 20 3-Eicosene, (E)- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.07	11.95 ng	870931	Chrysene-d12	21.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Eicosene, (E)-	280	C20H40	074685-33-9	98
2	5-Eicosene, (E)-	280	C20H40	074685-30-6	96
3	1-Docosene	308	C22H44	001599-67-3	94
4	E-15-Heptadecenal	252	C17H32O	1000130-97-9	93
5	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	93





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG050715\
Data File : BG016944.D
Acq On : 8 May 2015 5:21
Operator : TP/IZ
Sample : G2116-14
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-51D

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG050515.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT 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
unknown2.79	2.79	89.0	ng	7677840	1	7.80	1724890	20.0
Cyclohexane, 1,1,...	5.01	7.7	ng	664016	1	7.80	1724890	20.0
Octane, 4-methyl-	5.26	8.2	ng	708957	1	7.80	1724890	20.0
trans-1,2-Diethyl...	6.08	10.0	ng	866233	1	7.80	1724890	20.0
Bicyclo[3.2.1]octane	6.31	9.9	ng	850553	1	7.80	1724890	20.0
Nonane, 3-methyl-	6.36	9.6	ng	831725	1	7.80	1724890	20.0
Cyclohexane, (2-m...	6.44	12.9	ng	1110550	1	7.80	1724890	20.0
Nonane, 4-methyl-	6.80	9.7	ng	834829	1	7.80	1724890	20.0
unknown7.33	7.33	32.1	ng	2770570	1	7.80	1724890	20.0
Decane, 2-methyl-	8.46	8.5	ng	735961	1	7.80	1724890	20.0
Benzene, 4-ethyl-...	8.90	9.8	ng	845636	1	7.80	1724890	20.0
unknown9.15	9.15	7.2	ng	618783	1	7.80	1724890	20.0
2,6-Dimethyldecane	9.28	8.5	ng	705785	2	10.59	1653280	20.0
Benzene, (1-methy...	9.99	7.3	ng	601609	2	10.59	1653280	20.0
Undecane, 2,6-dim...	10.76	11.5	ng	950342	2	10.59	1653280	20.0
Dodecane, 2,6,11-...	11.62	10.2	ng	846365	2	10.59	1653280	20.0
Heptadecane, 2,6,...	12.98	8.2	ng	416595	3	14.43	1013770	20.0
n-Hexadecanoic acid	18.08	9.3	ng	527236	4	17.18	1130970	20.0
3-Eicosene, (E)-	21.07	11.9	ng	870931	5	21.35	1458240	20.0