LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060815\
Data File : BG017555.D
Acq On : 9 Jun 2015 2:33
Operator : TP/IZ
Sample : G2450-12
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : RAMP-P-440SB3.7

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-BG060315.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	2.741	5	9	15	rVB	51631	66779	4.72%	0.423%
2	3.764	175	183	187	rBV2	14326	20262	1.43%	0.128%
3	4.710	338	344	350	rBV	20521	30696	2.17%	0.194%
4	5.197	422	427	443	rVB	394918	638799	45.11%	4.046%
5	5.609	492	497	504	rVB3	11206	17835	1.26%	0.113%
6	6.813	696	702	713	rVB	430366	653755	46.16%	4.141%
7	7.148	752	759	767	rVV	430167	672909	47.51%	4.263%
8	7.248	771	776	782	rVB2	14554	23702	1.67%	0.150%
9	7.600	828	836	845	rBV	99785	153986	10.87%	0.975%
10	7.923	884	891	898	rBV	312431	503055	35.52%	3.187%
11	8.764	1027	1034	1042	rBV	258995	429964	30.36%	2.724%
12	9.251	1108	1117	1122	rBV7	10992	25771	1.82%	0.163%
13	9.469	1144	1154	1159	rBV3	18075	34758	2.45%	0.220%
14	9.586	1167	1174	1178	rBV6	12015	25314	1.79%	0.160%
15	10.262	1284	1289	1294	rBV5	16944	29649	2.09%	0.188%
16	10.397	1305	1312	1318	rBV	119094	225040	15.89%	1.426%
17	10.450	1318	1321	1327	rVB2	21074	29519	2.08%	0.187%
18	10.515	1327	1332	1336	rVB3	19268	30740	2.17%	0.195%
19	10.579	1336	1343	1348	rBV7	23398	53502	3.78%	0.339%
20	10.932	1399	1403	1408	rBV3	19342	30620	2.16%	0.194%
21	11.002	1411	1415	1419	rVV5	14858	23185	1.64%	0.147%
22	11.085	1425	1429	1436	rVB5	30767	54733	3.86%	0.347%
23	11.161	1436	1442	1446	rBV7	9573	21838	1.54%	0.138%
24	11.302	1461	1466	1468	rBV4	10559	18584	1.31%	0.118%
25	11.367	1474	1477	1482	rVB7	12350	17784	1.26%	0.113%
26	11.425	1482	1487	1492	rBV5	36695	74359	5.25%	0.471%
27	11.484	1492	1497	1505	rVB5	40877	95732	6.76%	0.606%
28	11.584	1509	1514	1516	rBV6	12546	19699	1.39%	0.125%
29	11.684	1527	1531	1534	rBV5	16243	21645	1.53%	0.137%
30	12.007	1584	1586	1591	rVB6	19599	22873	1.62%	0.145%
31	12.066	1592	1596	1604	rVB4	35006	73903	5.22%	0.468%
32	12.136	1604	1608	1615	rBV6	47206	84593	5.97%	0.536%
33	12.283	1628	1633	1638	rBV7	21063	46078	3.25%	0.292%
34	12.418	1652	1656	1659	rBV6	17966	27439	1.94%	0.174%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060815\
Data File : BG017555.D
Acq On : 9 Jun 2015 2:33
Operator : TP/IZ
Sample : G2450-12
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : RAMP-P-440SB3.7

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-BG060315.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	12.612	1683	1689	1696	rBV10	41727	105621	7.46%	0.669%
36	12.688	1698	1702	1708	rVV5	74624	138000	9.74%	0.874%
37	12.753	1709	1713	1718	rVV7	39580	82243	5.81%	0.521%
38	12.800	1718	1721	1725	rVB4	40853	54675	3.86%	0.346%
39	12.882	1725	1735	1742	rBV	636872	1087937	76.82%	6.892%
40	13.041	1757	1762	1769	rBV2	149955	245210	17.31%	1.553%
41	13.188	1783	1787	1792	rBV6	33187	55413	3.91%	0.351%
42	13.470	1833	1835	1840	rVB5	27231	40430	2.85%	0.256%
43	13.582	1850	1854	1861	rBV6	72319	139685	9.86%	0.885%
44	13.681	1866	1871	1876	rBV	360283	488203	34.47%	3.093%
45	13.734	1876	1880	1881	rBV	47766	62137	4.39%	0.394%
46	13.799	1887	1891	1900	rVB3	108260	203804	14.39%	1.291%
47	13.911	1907	1910	1915	rBV7	39841	64616	4.56%	0.409%
48	14.005	1921	1926	1931	rBV6	167168	313724	22.15%	1.987%
49	14.057	1932	1935	1937	rVV3	84238	106922	7.55%	0.677%
50	14.093	1937	1941	1949	rVB	356069	539242	38.08%	3.416%
51	14.169	1949	1954	1959	rBV3	103829	178617	12.61%	1.131%
52	14.228	1959	1964	1968	rBV2	152952	255288	18.03%	1.617%
53	14.269	1968	1971	1979	rVB3	234970	366971	25.91%	2.325%
54	14.357	1981	1986	1992	rBV5	99517	178258	12.59%	1.129%
55	14.592	2022	2026	2027	rBV3	41048	57381	4.05%	0.363%
56	14.898	2075	2078	2080	rBV3	43286	63446	4.48%	0.402%
57	14.927	2080	2083	2088	rVB4	91444	121751	8.60%	0.771%
58	14.986	2089	2093	2100	rVB6	85201	149584	10.56%	0.948%
59	15.056	2101	2105	2111	rBV2	175449	253996	17.93%	1.609%
60	15.538	2184	2187	2197	rVB5	71517	136564	9.64%	0.865%
61	15.773	2222	2227	2234	rBV	599350	822028	58.04%	5.207%
62	16.014	2263	2268	2272	rVB	176568	278276	19.65%	1.763%
63	17.025	2435	2440	2444	rBV	259867	360903	25.48%	2.286%
64	17.929	2591	2594	2605	rVB8	111571	238711	16.86%	1.512%
65	19.087	2787	2791	2797	rBV	236126	318021	22.46%	2.015%
66	19.363	2836	2838	2844	rVB5	76841	91048	6.43%	0.577%
67	19.451	2850	2853	2863	rVB	217641	342974	24.22%	2.173%
68	19.663	2884	2889	2894	rBV	1300037	1416244	100.00%	8.971%
69	20.932	3102	3105	3112	rVB4	104610	168330	11.89%	1.066%
70	21.214	3147	3153	3157	rBV2	375882	662569	46.78%	4.197%
71	21.255	3157	3160	3167	rVB	150041	210456	14.86%	1.333%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060815\
Data File : BG017555.D
Acq On : 9 Jun 2015 2:33
Operator : TP/IZ
Sample : G2450-12
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : RAMP-P-440SB3.7

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-BG060315.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	22.771	3414	3418	3424	rBV2	162507	363979	25.70%	2.306%
73	23.253	3497	3500	3507	rVB	112732	173737	12.27%	1.101%
74	23.347	3512	3516	3522	rVB	135580	236271	16.68%	1.497%
75	23.446	3528	3533	3538	rVB	193451	314143	22.18%	1.990%

Sum of corrected areas: 15786508

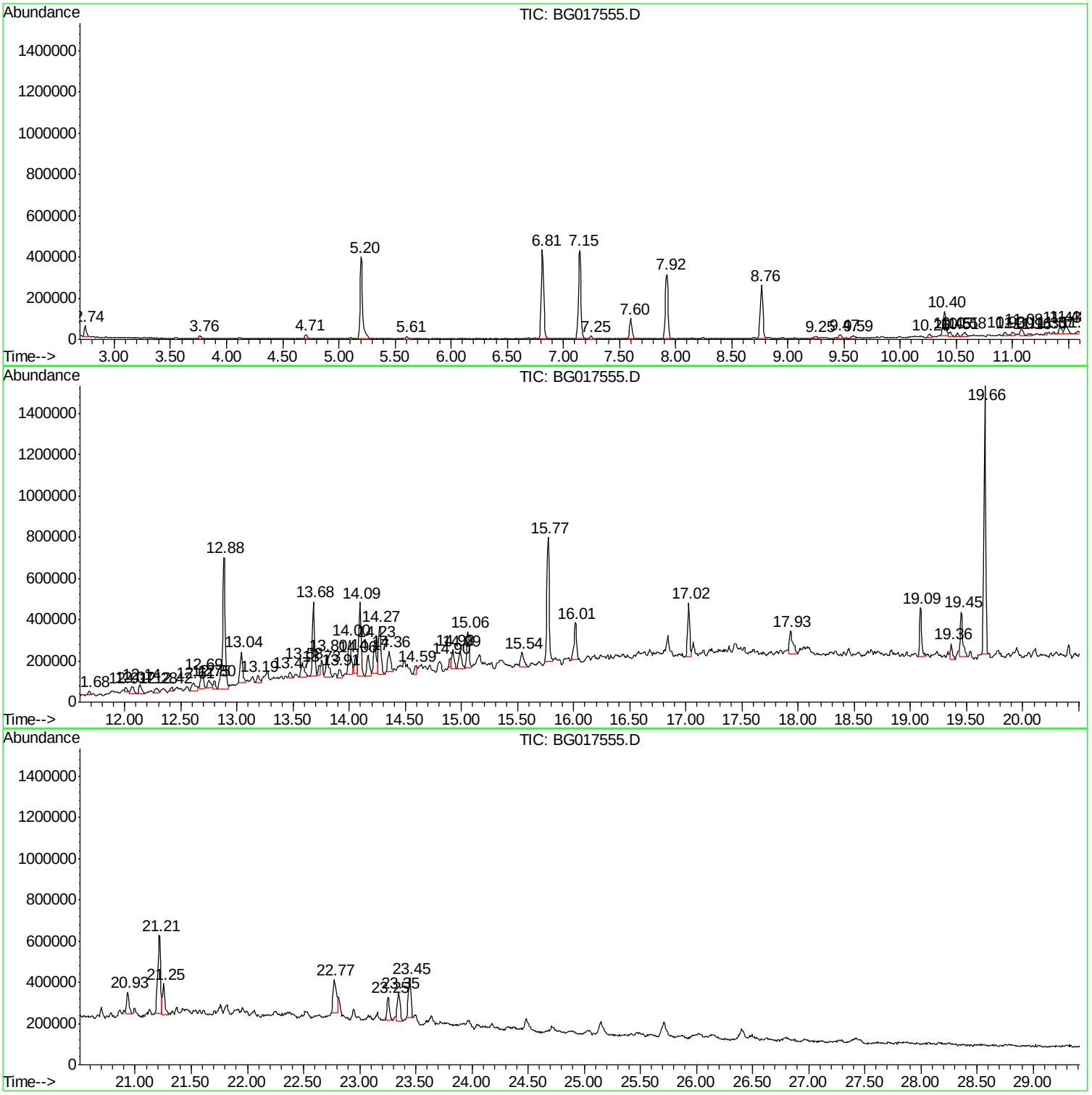
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060815\
Data File : BG017555.D
Acq On : 9 Jun 2015 2:33
Operator : TP/IZ
Sample : G2450-12
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
RAMP-P-440SB3.7

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060815\
Data File : BG017555.D
Acq On : 9 Jun 2015 2:33
Operator : TP/IZ
Sample : G2450-12
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : RAMP-P-440SB3.7

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

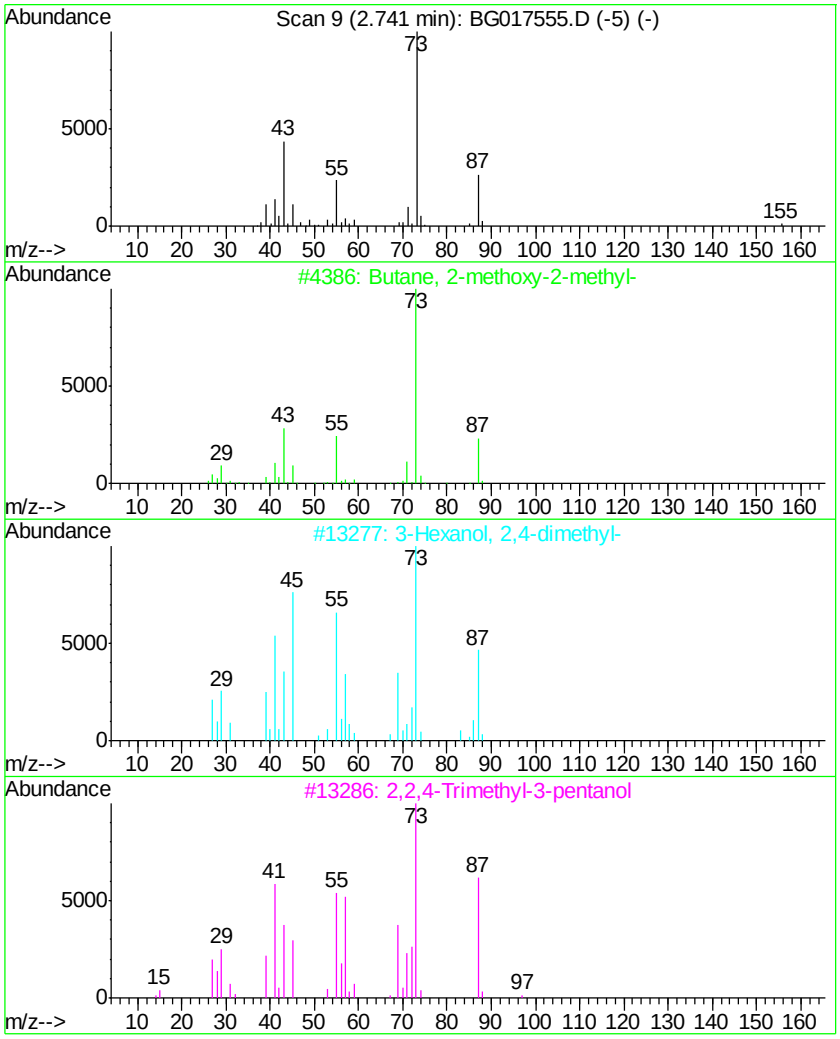
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

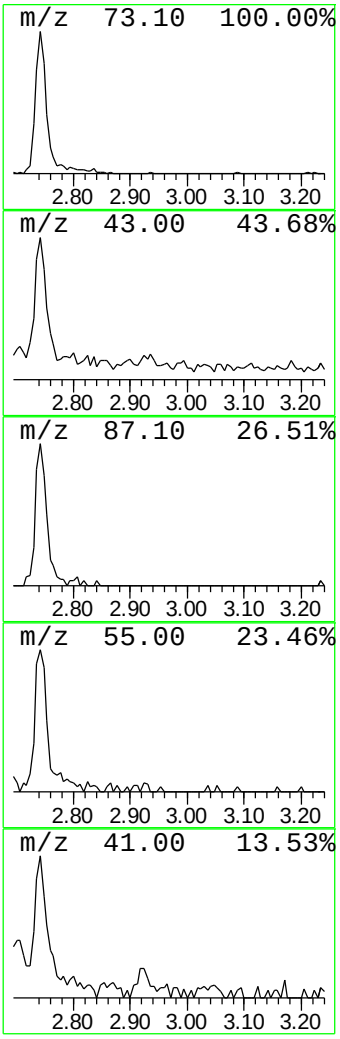
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.74	8.67 ng	66779	1,4-Dichlorobenzene-d4	7.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	72
2	3-Hexanol, 2,4-dimethyl-	130	C8H18O	013432-25-2	42
3	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
4	3-Hexanol, 2-methyl-	116	C7H16O	000617-29-8	17
5	Boronic acid, ethyl-, dimethyl e...	102	C4H11BO2	007318-82-3	12





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060815\
Data File : BG017555.D
Acq On : 9 Jun 2015 2:33
Operator : TP/IZ
Sample : G2450-12
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : RAMP-P-440SB3.7

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

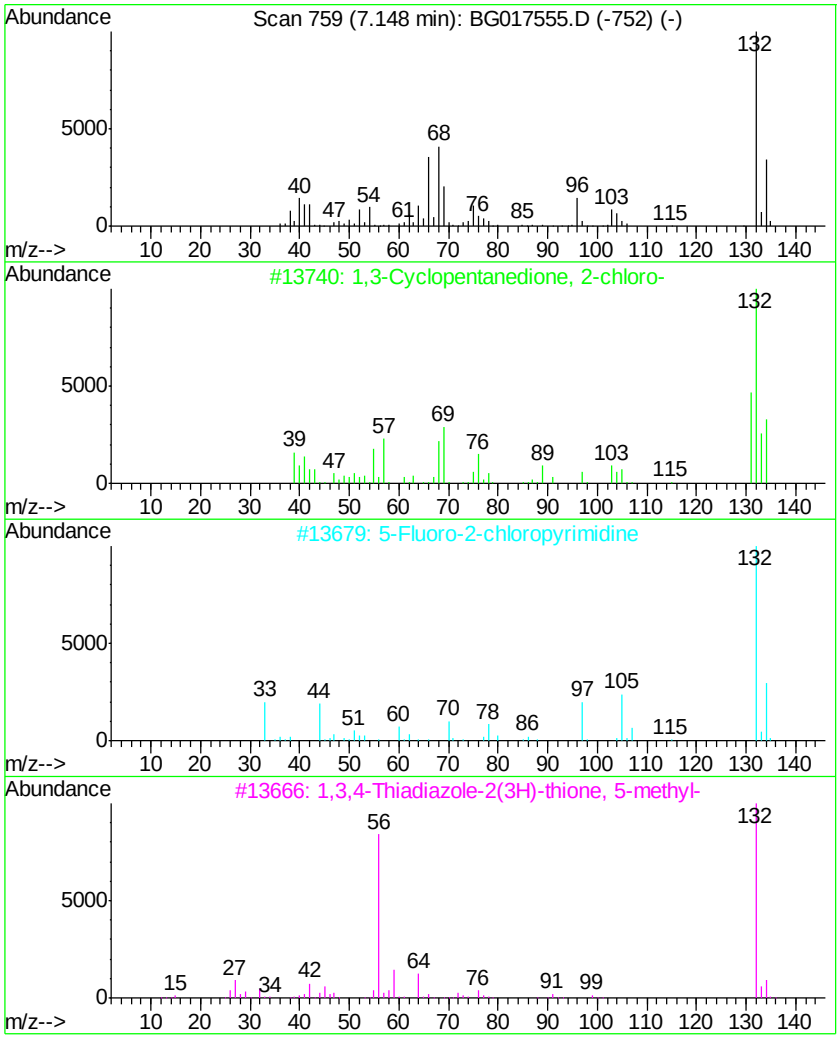
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

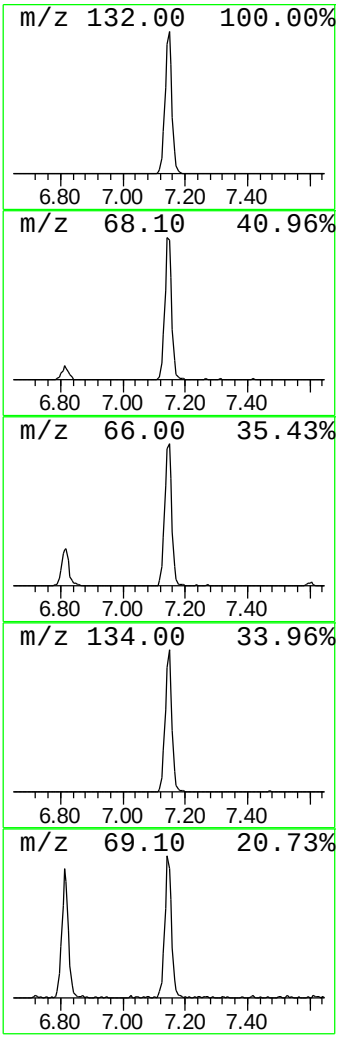
****

Peak Number 2 unknown7.15 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.15	87.40 ng	672909	1,4-Dichlorobenzene-d4	7.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	38
2	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	27
3	1,3,4-Thiadiazole-2(3H)-thione, ...	132	C3H4N2S2	029490-19-5	27
4	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	27
5	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	22





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060815\
Data File : BG017555.D
Acq On : 9 Jun 2015 2:33
Operator : TP/IZ
Sample : G2450-12
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : RAMP-P-440SB3.7

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

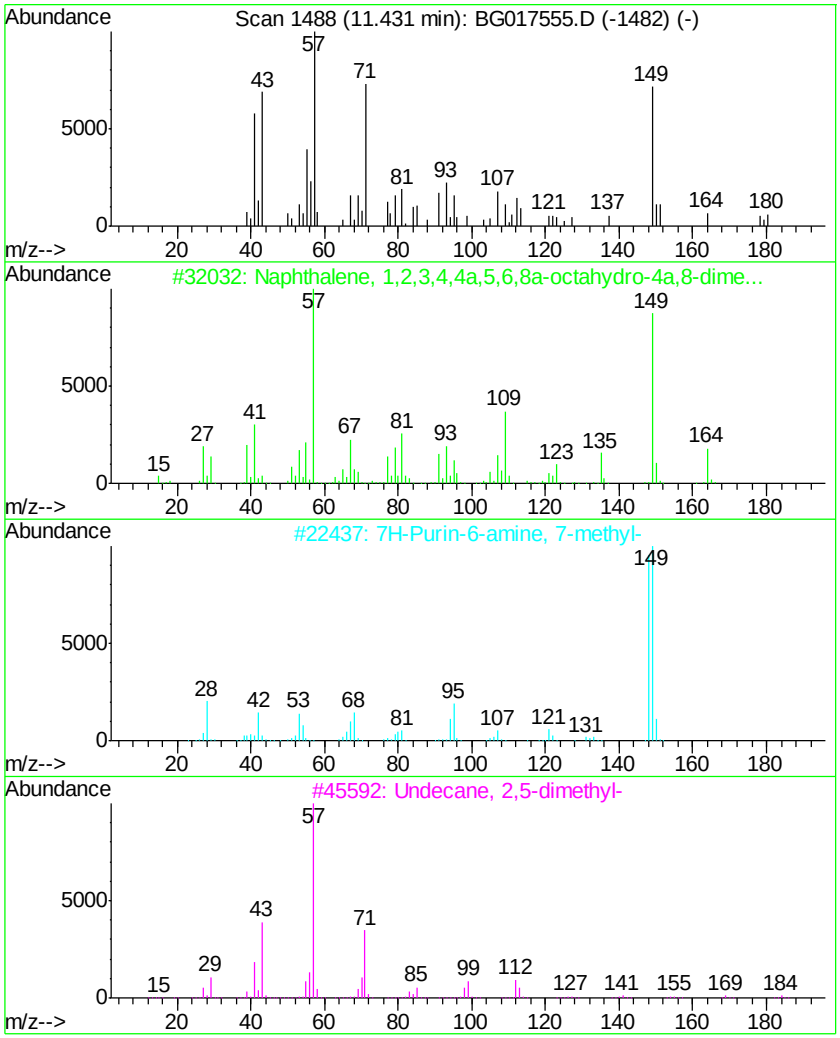
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

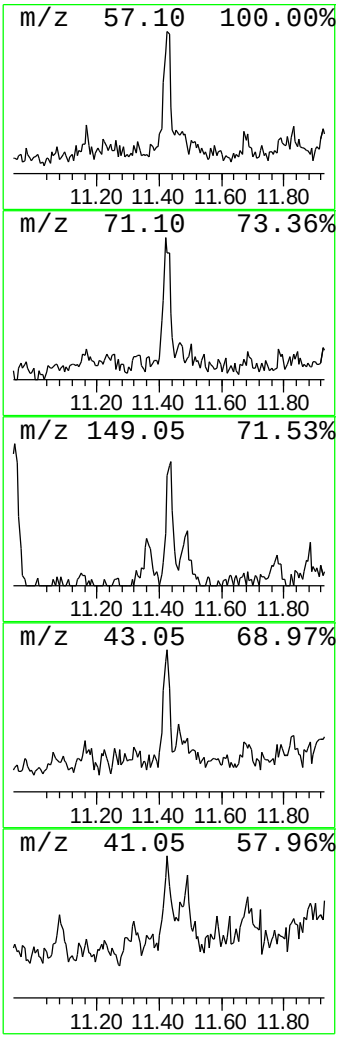
****

Peak Number 4 unknown11.43 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.43	6.61 ng	74359	Naphthalene-d8	10.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4,4a,5,6,8a-o...	164	C12H20	055976-09-5	35
2	7H-Purin-6-amine, 7-methyl-	149	C6H7N5	000935-69-3	22
3	Undecane, 2,5-dimethyl-	184	C13H28	017301-22-3	22
4	Octane, 3-ethyl-	142	C10H22	005881-17-4	22
5	Heptane, 3-ethyl-5-methyl-	142	C10H22	052896-90-9	22





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060815\
Data File : BG017555.D
Acq On : 9 Jun 2015 2:33
Operator : TP/IZ
Sample : G2450-12
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : RAMP-P-440SB3.7

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

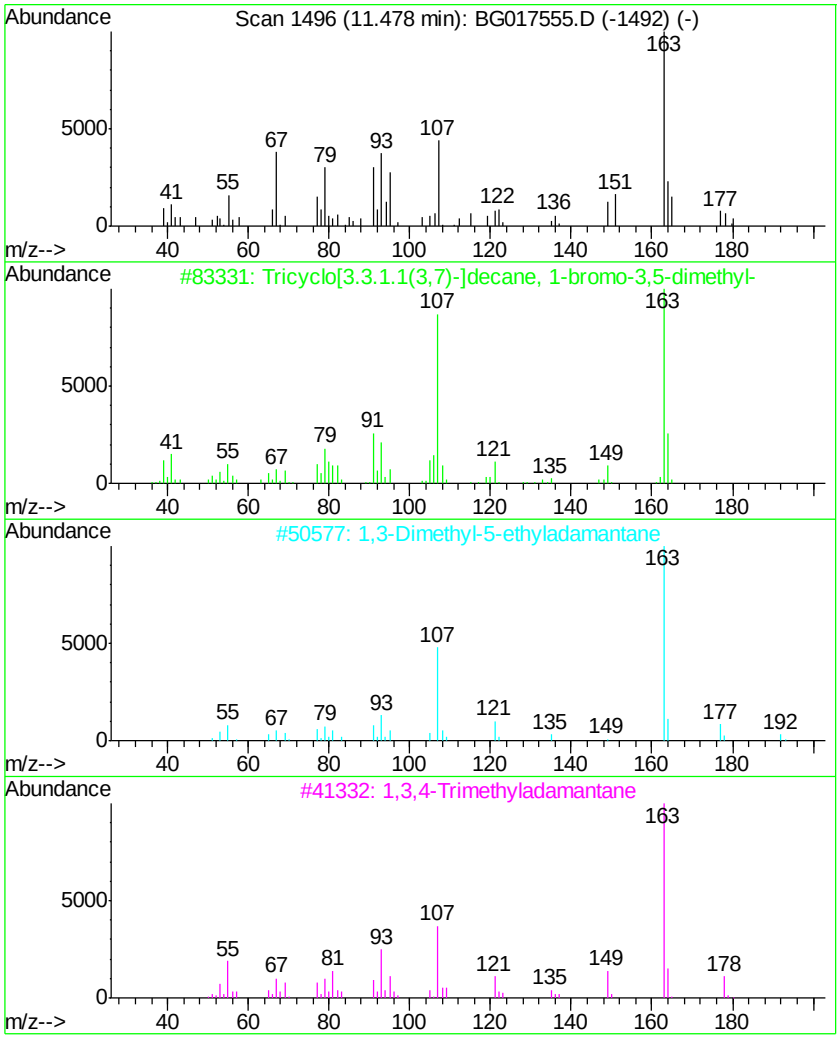
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

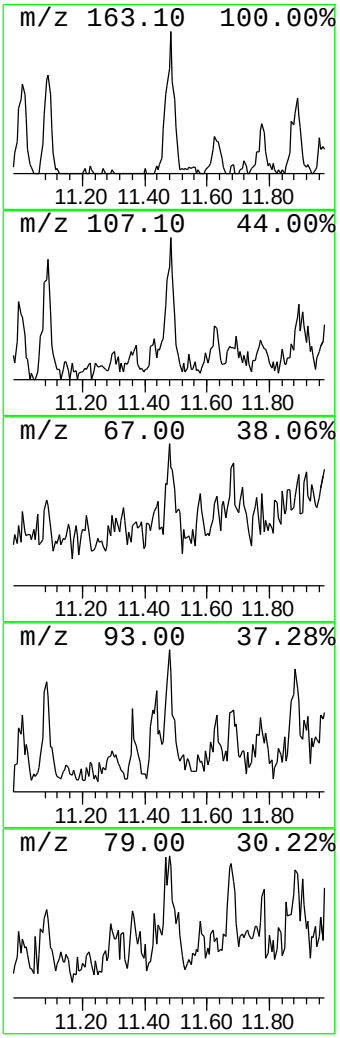
****

Peak Number 5 Tricyclo[3.3.1.1(3,7)-]deca... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.48	8.51 ng	95732	Naphthalene-d8	10.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tricyclo[3.3.1.1(3,7)-]decane, 1...	242	C12H19Br	000941-37-7	59
2	1,3-Dimethyl-5-ethyladamantane	192	C14H24	001687-35-0	45
3	1,3,4-Trimethyladamantane	178	C13H22	1000214-98-3	42
4	1,3,5-Trimethyladamantane	178	C13H22	000707-35-7	42
5	1-(2-Cyanoethyl)-2-ethyl-4-methy...	163	C9H13N3	023996-25-0	37





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060815\
Data File : BG017555.D
Acq On : 9 Jun 2015 2:33
Operator : TP/IZ
Sample : G2450-12
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : RAMP-P-440SB3.7

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

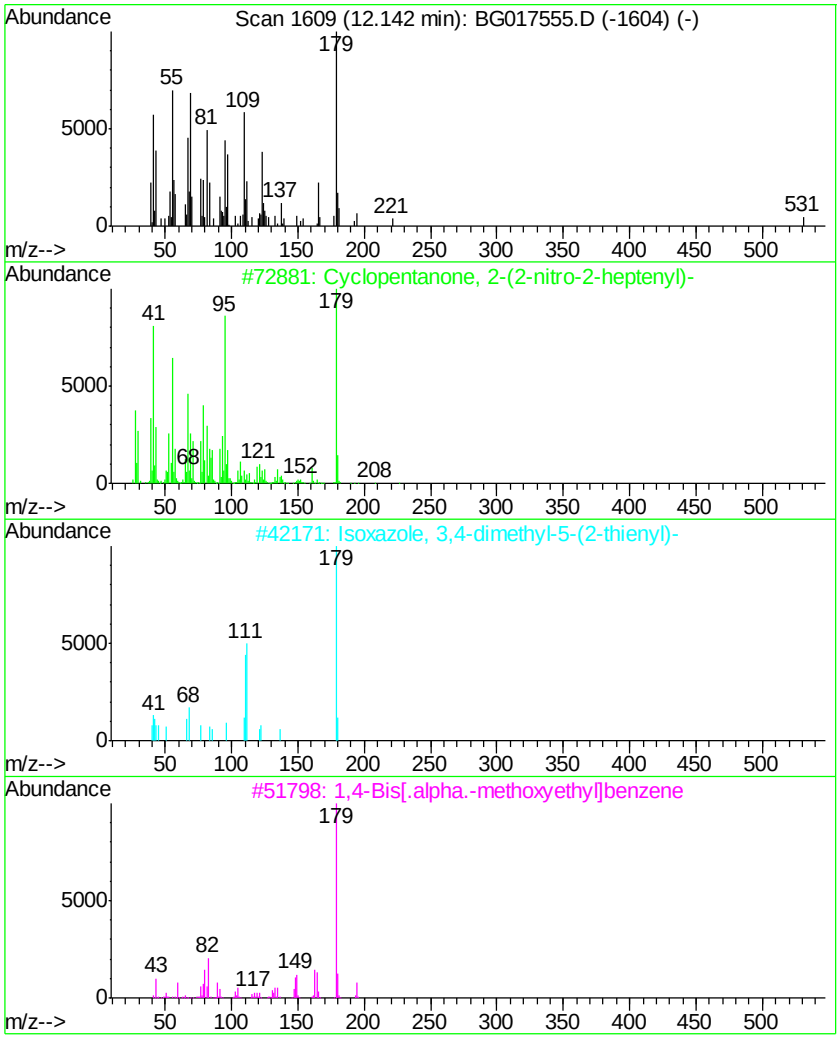
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

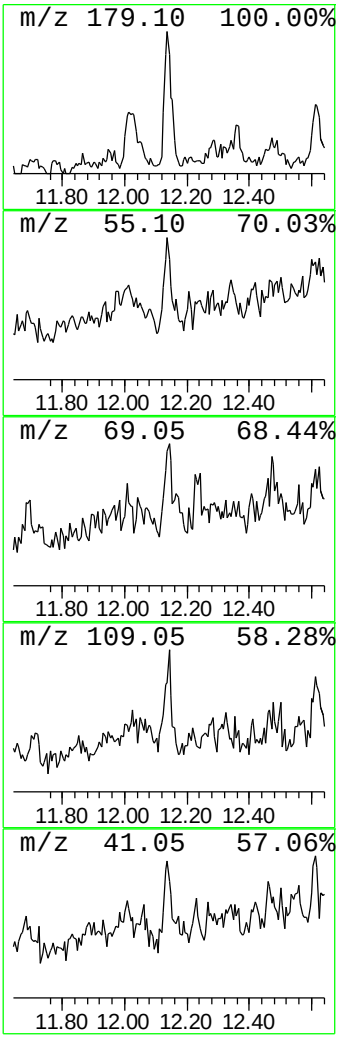
****

Peak Number 6 unknown12.14 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.14	7.52 ng	84593	Naphthalene-d8	10.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentanone, 2-(2-nitro-2-hep...	225	C12H19NO3	104313-57-7	37
2	Isoxazole, 3,4-dimethyl-5-(2-thi...	179	C9H9NOS	056421-65-9	35
3	1,4-Bis[.alpha.-methoxyethyl]ben...	194	C12H18O2	129770-42-9	30
4	6,9-Dimethyl-8,9-dihydro-7H-[1,2...	179	C7H9N5O	1000147-15-9	27
5	cis,trans-2,9-Dimethylspiro[5.5]...	180	C13H24	095530-74-8	27





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060815\
Data File : BG017555.D
Acq On : 9 Jun 2015 2:33
Operator : TP/IZ
Sample : G2450-12
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : RAMP-P-440SB3.7

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

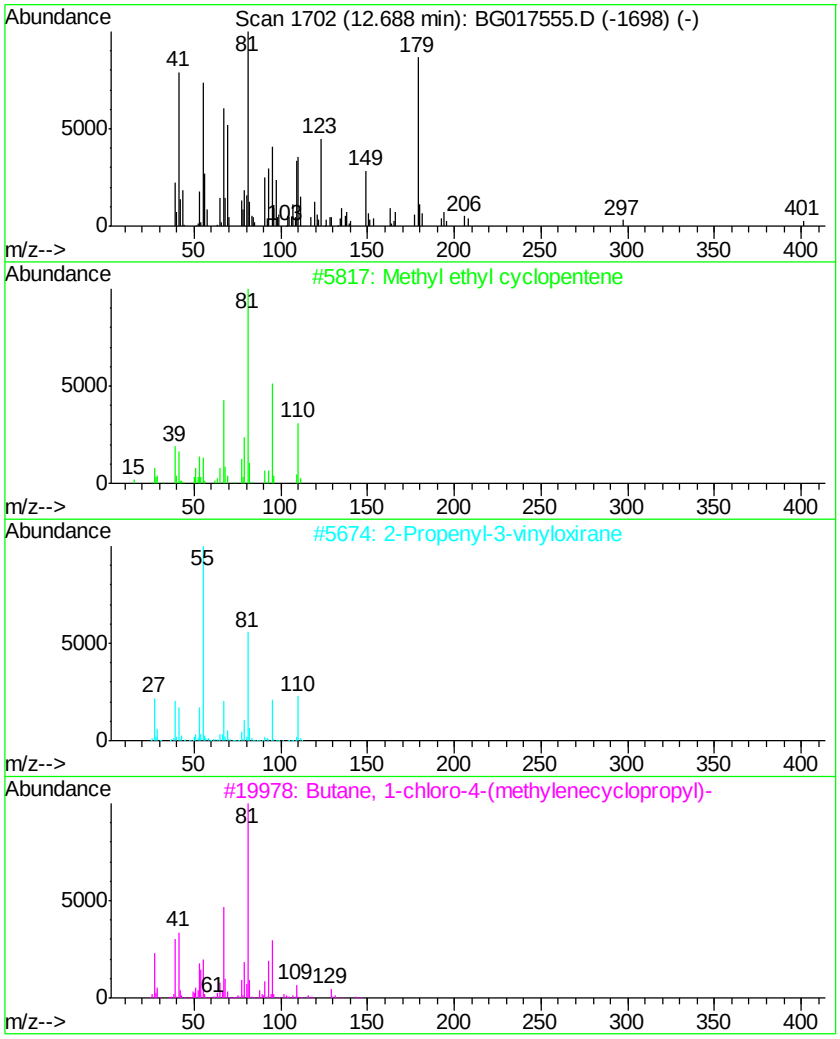
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

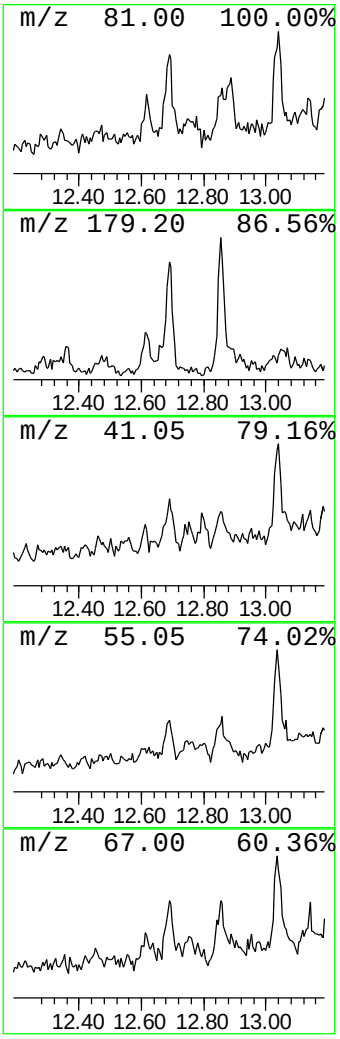
****

Peak Number 7 unknown12.69 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.69	7.52 ng	138000	Acenaphthene-d10	14.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyl ethyl cyclopentene	110	C8H14	019780-56-4	38
2	2-Propenyl-3-vinyloxirane	110	C7H10O	070597-49-8	35
3	Butane, 1-chloro-4-(methylenecyc...	144	C8H13Cl	1000158-48-9	35
4	Cyclopropane, tetramethylpropyli...	138	C10H18	024519-04-8	27
5	2(3H)-Benzothiazolone, 3-methyl-...	179	C8H9N3S	001128-67-2	25





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060815\
Data File : BG017555.D
Acq On : 9 Jun 2015 2:33
Operator : TP/IZ
Sample : G2450-12
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : RAMP-P-440SB3.7

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

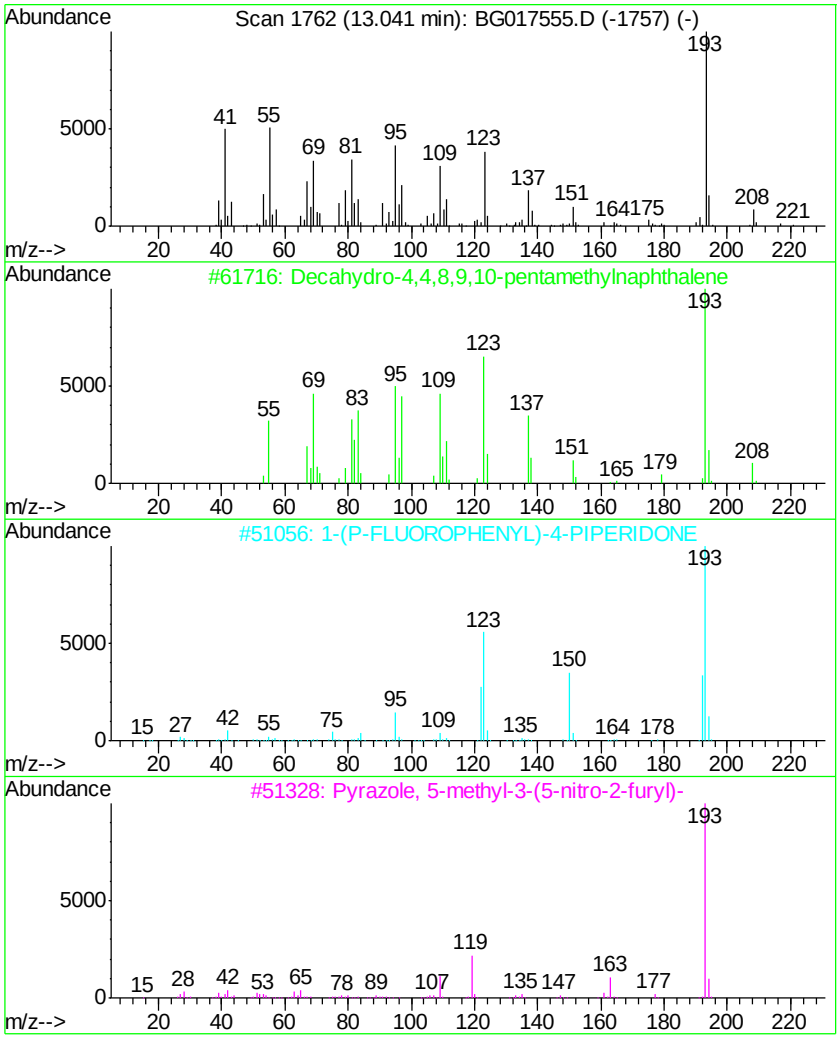
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

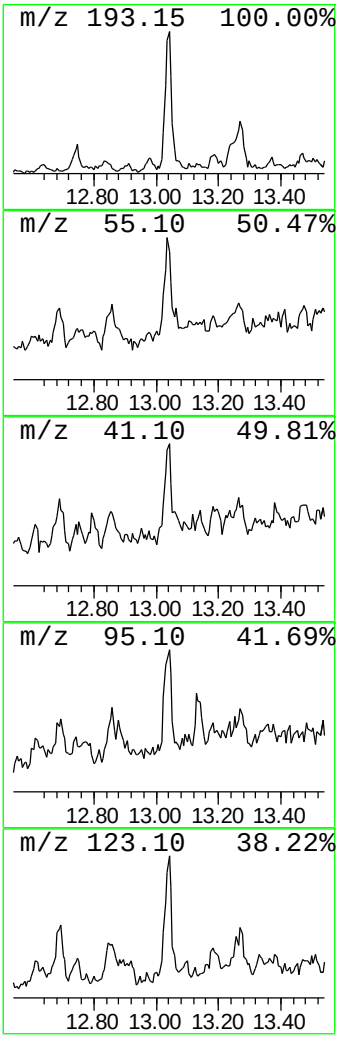
****

Peak Number 8 Decahydro-4,4,8,9,10-pentam... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.04	13.36 ng	245210	Acenaphthene-d10	14.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decahydro-4,4,8,9,10-pentamethyl...	208	C15H28	080655-44-3	60
2	1-(P-FLUOROPHENYL)-4-PIPERIDONE	193	C11H12FNO	1000238-56-7	47
3	Pyrazole, 5-methyl-3-(5-nitro-2-...	193	C8H7N3O3	016239-90-0	27
4	1H-Indole, 2-phenyl-	193	C14H11N	000948-65-2	25
5	2-Pentanone, 4-cyclohexylidene-3...	222	C15H26O	313253-65-5	25





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060815\
Data File : BG017555.D
Acq On : 9 Jun 2015 2:33
Operator : TP/IZ
Sample : G2450-12
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : RAMP-P-440SB3.7

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

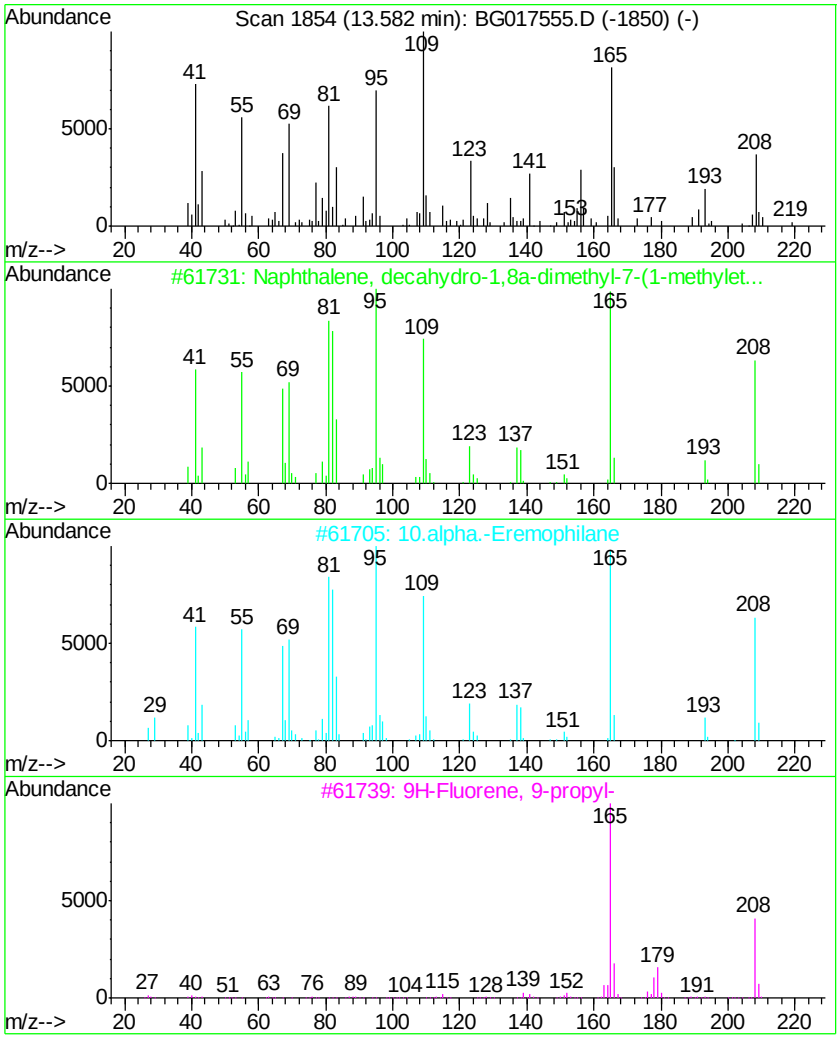
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

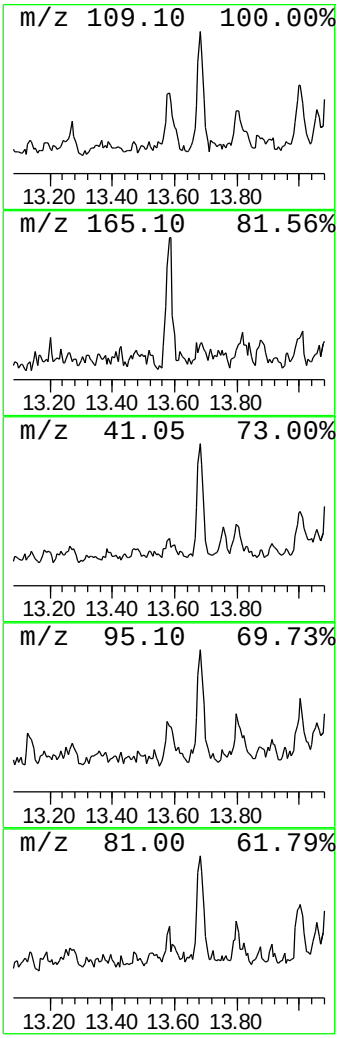
****

Peak Number 9 Naphthalene, decahydro-1,8a... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.58	7.61 ng	139685	Acenaphthene-d10	14.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, decahydro-1,8a-dime...	208	C15H28	015404-63-4	60
2	10.alpha.-Eremophilane	208	C15H28	003242-05-5	60
3	9H-Fluorene, 9-propyl-	208	C16H16	004037-45-0	25
4	2-Propanone, 1-(2,5-dimethoxy-4-...	208	C12H16O3	029907-70-8	18
5	1H-Phenalene	166	C13H10	000203-80-5	18





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Data File : BG017555.D
Acq On : 9 Jun 2015 2:33
Operator : TP/IZ
Sample : G2450-12
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : RAMP-P-440SB3.7

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060315.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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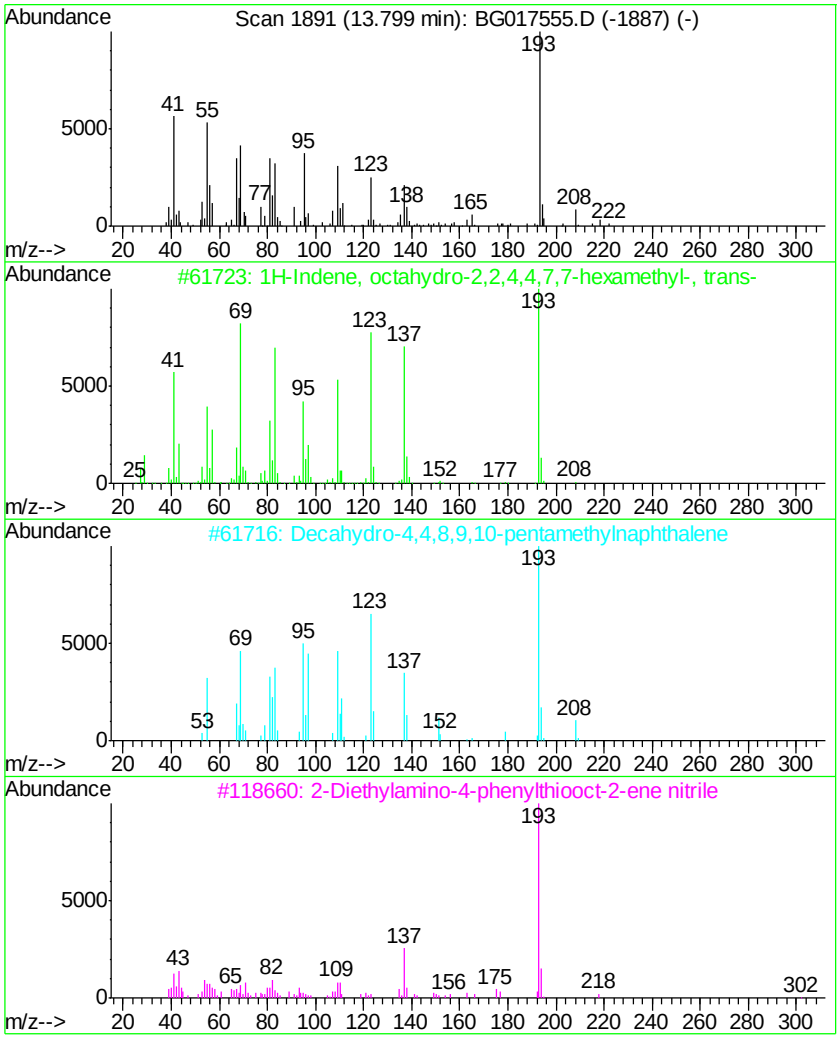
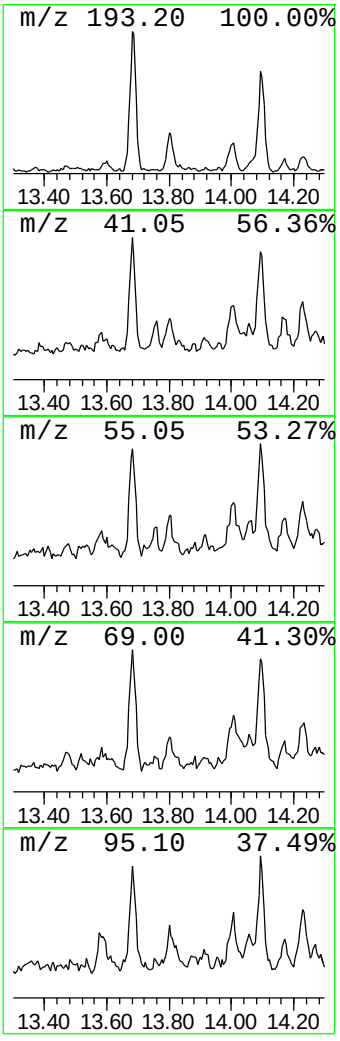
Peak Number 10 1H-Indene, octahydro-2,2,4,... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.80	11.11 ng	203804	Acenaphthene-d10	14.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, octahydro-2,2,4,4,7,7...	208	C15H28	054832-83-6	59
2	Decahydro-4,4,8,9,10-pentamethyl...	208	C15H28	080655-44-3	52
3	2-Diethylamino-4-phenylthiooct-2...	302	C18H26N2S	1000090-57-0	47
4	4H-1,3,2-Dioxaborin, 4-ethenyl-2...	208	C12H21BO2	074630-04-9	38
5	S-Phenyl 5-(phenylthio)pentaneth...	302	C17H18OS2	1000234-40-7	38





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Data File : BG017555.D
Acq On : 9 Jun 2015 2:33
Operator : TP/IZ
Sample : G2450-12
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : RAMP-P-440SB3.7

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060315.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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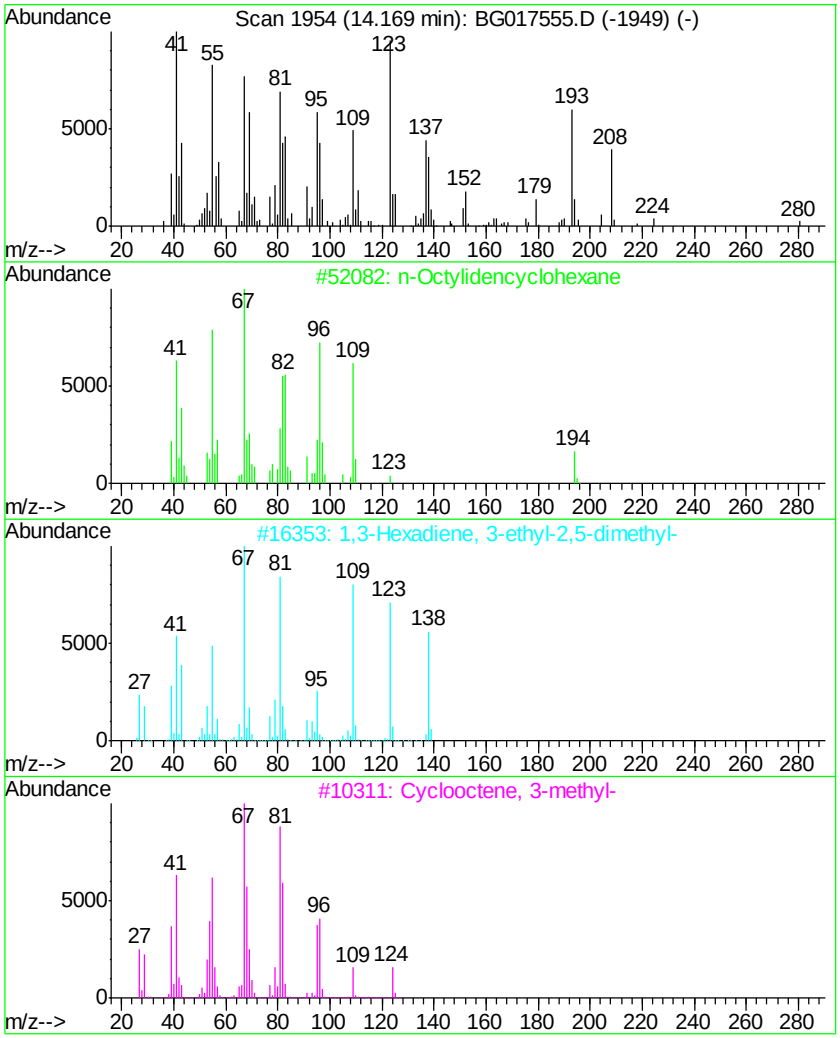
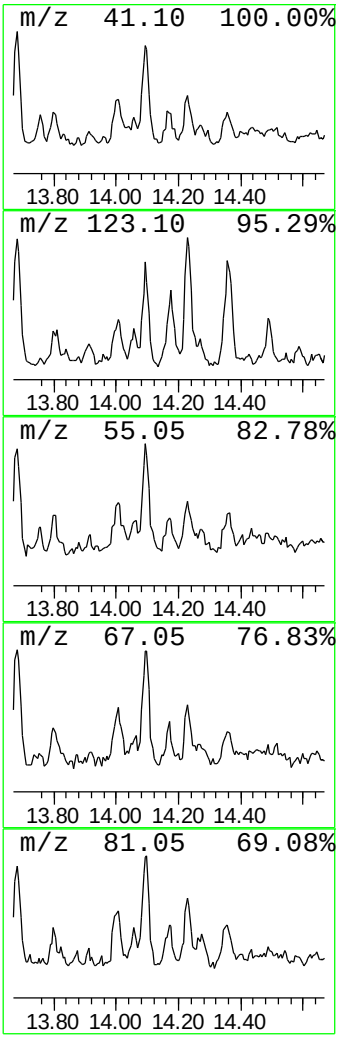
Peak Number 12 n-Octylidencyclohexane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.17	9.73 ng	178617	Acenaphthene-d10	14.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Octylidencyclohexane	194	C14H26	137595-12-1	56
2	1,3-Hexadiene, 3-ethyl-2,5-dimet...	138	C10H18	062338-07-2	38
3	Cyclooctene, 3-methyl-	124	C9H16	013152-05-1	38
4	Cyclohexane, 1,3-dimethyl-2-meth...	124	C9H16	020348-74-7	38
5	1-Cyclohexene-1-acetaldehyde, .a...	152	C10H16O	053155-80-9	38





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060815\
Data File : BG017555.D
Acq On : 9 Jun 2015 2:33
Operator : TP/IZ
Sample : G2450-12
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : RAMP-P-440SB3.7

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060315.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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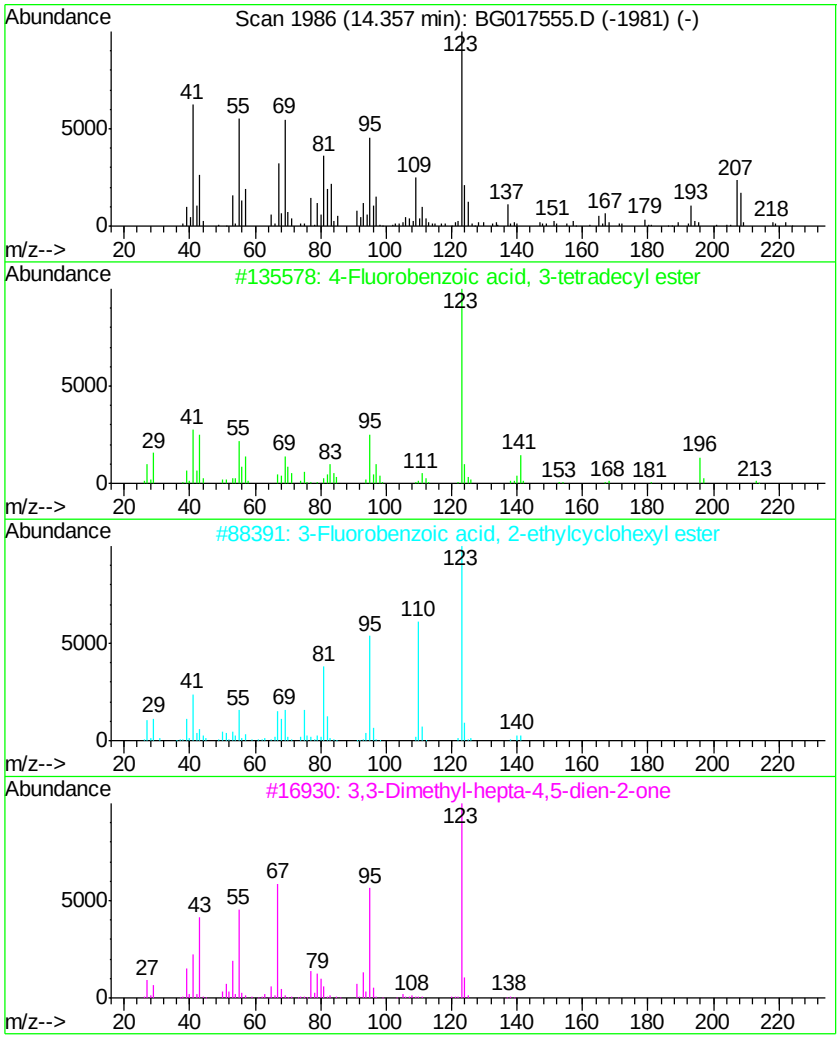
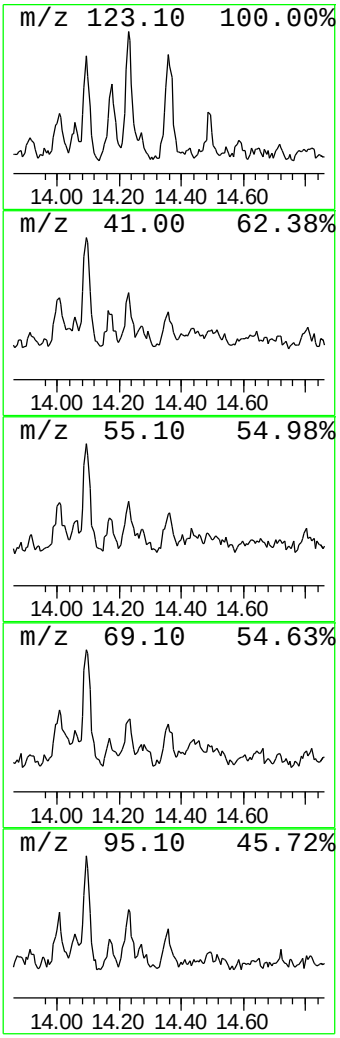
Peak Number 13 unknown14.36 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.36	9.72 ng	178258	Acenaphthene-d10	14.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Fluorobenzoic acid, 3-tetradec...	336	C21H33FO2	1000280-68-1	47
2	3-Fluorobenzoic acid, 2-ethylcyc...	250	C15H19FO2	1000279-04-9	47
3	3,3-Dimethyl-hepta-4,5-dien-2-one	138	C9H14O	1000190-54-1	43
4	Cyclohexene, 1,5,5-trimethyl-6-a...	180	C12H20O	211563-96-1	40
5	4,4-Dimethoxy-2,5-cyclohexadien-...	154	C8H10O3	000935-50-2	38





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060815\
Data File : BG017555.D
Acq On : 9 Jun 2015 2:33
Operator : TP/IZ
Sample : G2450-12
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : RAMP-P-440SB3.7

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060315.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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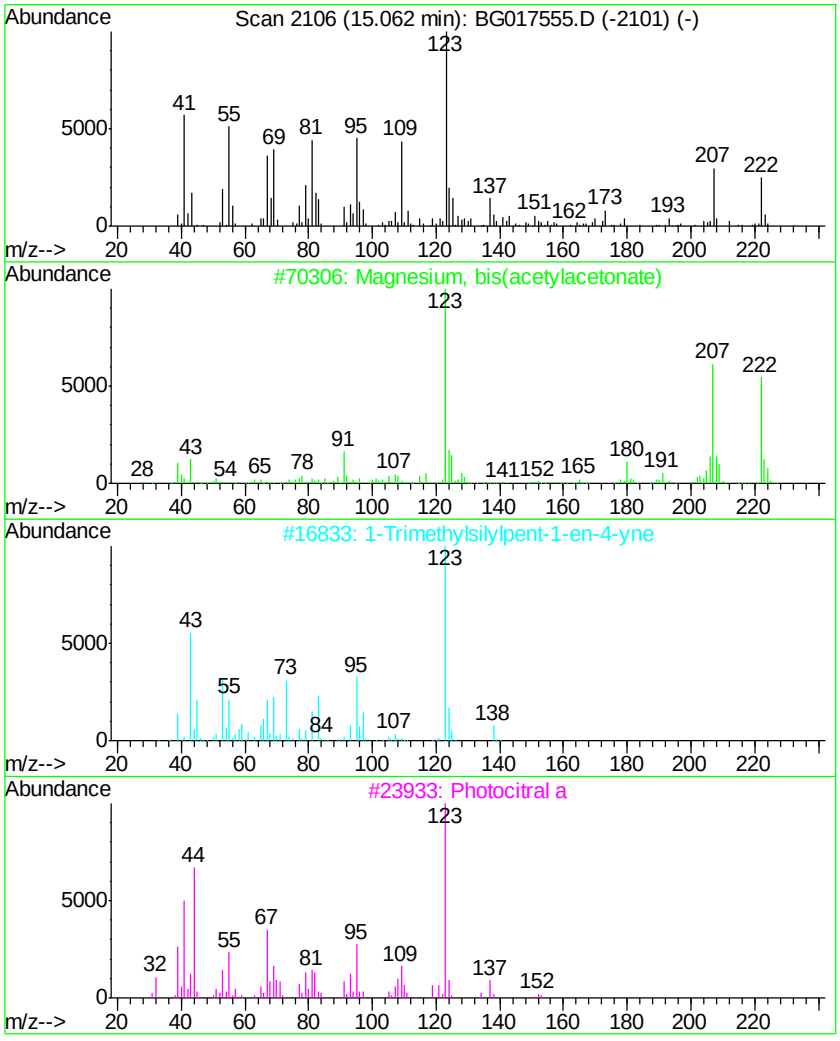
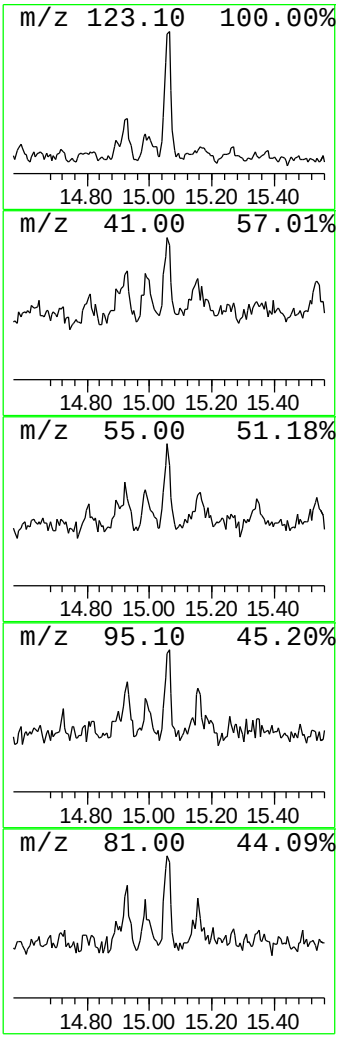
Peak Number 16 unknown15.06 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.06	13.84 ng	253996	Acenaphthene-d10	14.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Magnesium, bis(acetylacetonate)	222	C10H14MgO4	068488-07-3	43
2	1-Trimethylsilylpent-1-en-4-yne	138	C8H14Si	079516-25-9	43
3	Photocitral a	152	C10H16O	1000292-85-0	43
4	trans-Chrysanthemal	152	C10H16O	020104-05-6	38
5	Bicyclo[4.1.0]heptane-7-carboxam...	222	C11H14N2OS	329912-72-3	38





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060815\
Data File : BG017555.D
Acq On : 9 Jun 2015 2:33
Operator : TP/IZ
Sample : G2450-12
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : RAMP-P-440SB3.7

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060315.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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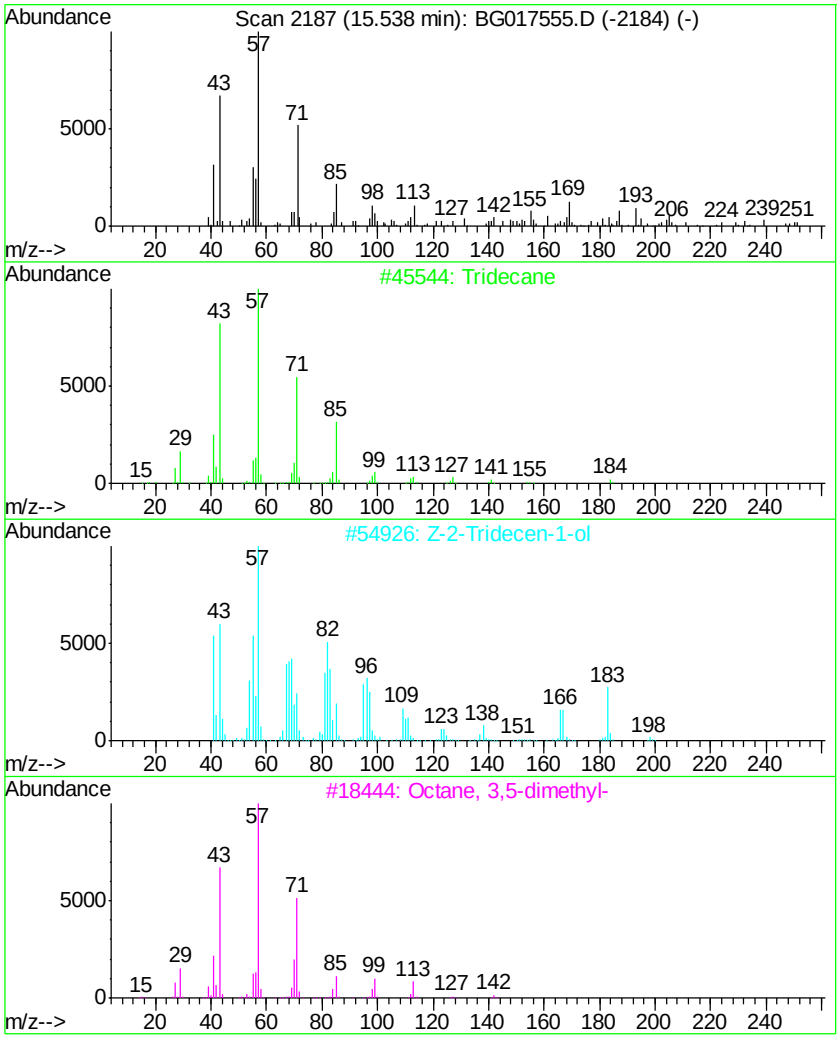
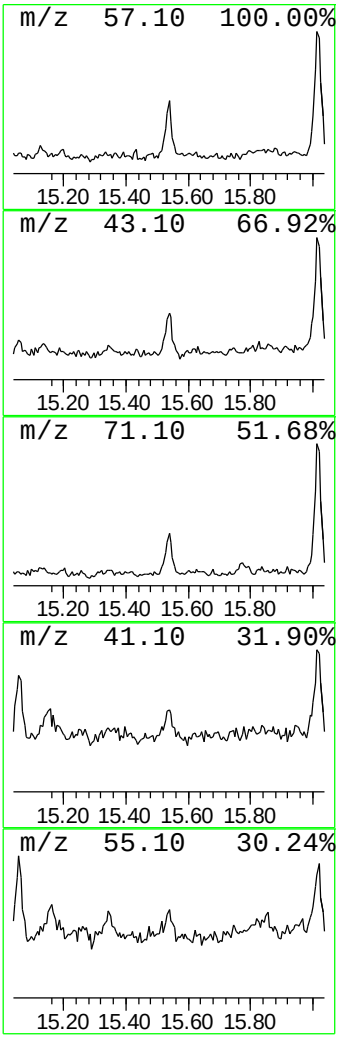
Peak Number 17 Tridecane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.54	7.44 ng	136564	Acenaphthene-d10	14.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	60
2	Z-2-Tridecen-1-ol	198	C13H26O	1000130-75-8	53
3	Octane, 3,5-dimethyl-	142	C10H22	015869-93-9	52
4	Heneicosane	296	C21H44	000629-94-7	50
5	Octane, 3-ethyl-2,7-dimethyl-	170	C12H26	062183-55-5	47





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060815\
Data File : BG017555.D
Acq On : 9 Jun 2015 2:33
Operator : TP/IZ
Sample : G2450-12
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : RAMP-P-440SB3.7

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060315.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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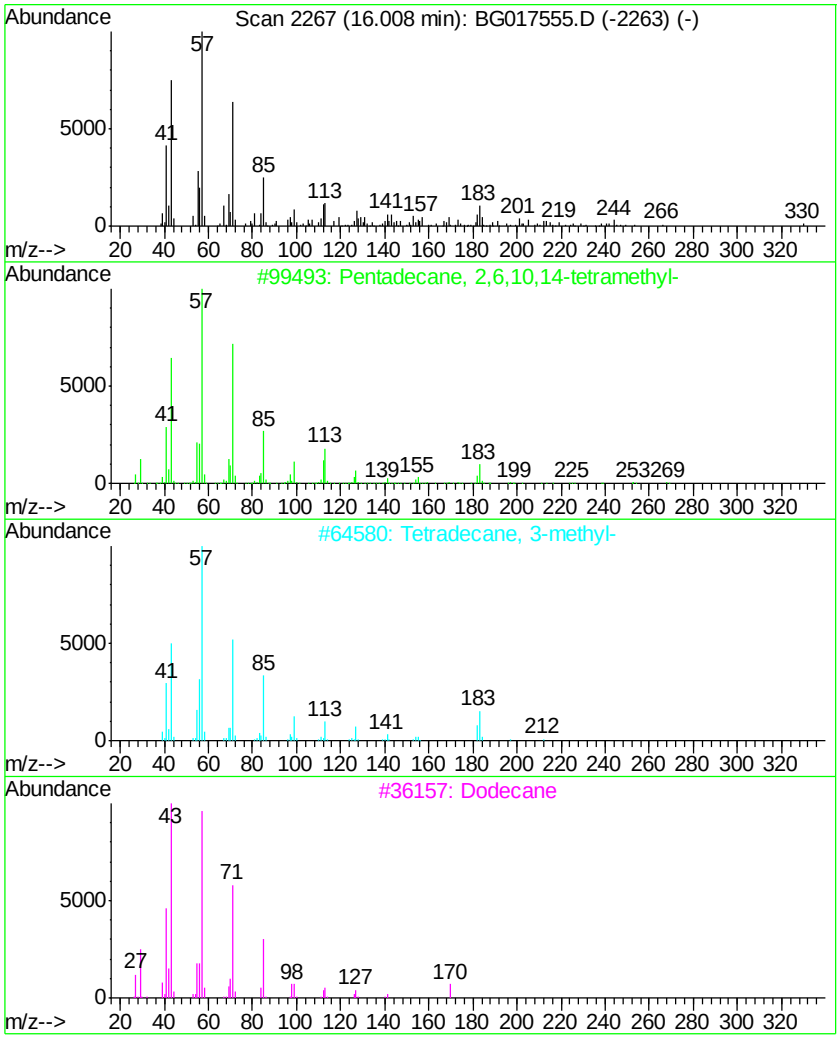
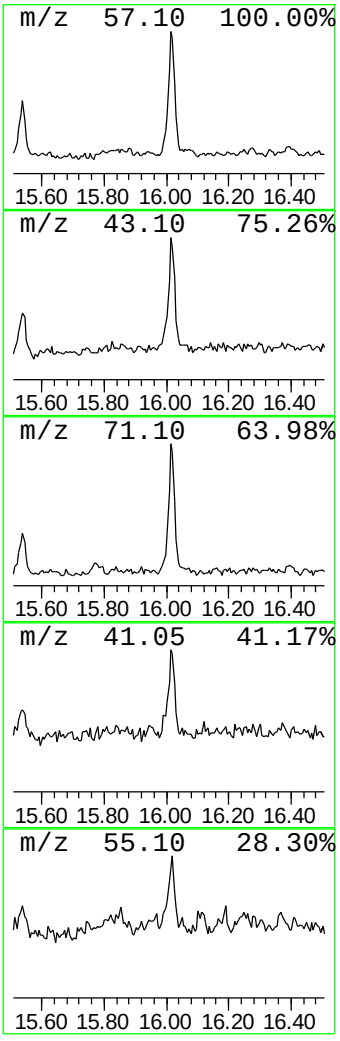
Peak Number 18 Pentadecane, 2,6,10,14-tetr... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.01	15.42 ng	278276	Phenanthrene-d10	17.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	86
2	Tetradecane, 3-methyl-	212	C15H32	018435-22-8	68
3	Dodecane	170	C12H26	000112-40-3	68
4	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	64
5	Heptadecane, 2-methyl-	254	C18H38	001560-89-0	64





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060815\
Data File : BG017555.D
Acq On : 9 Jun 2015 2:33
Operator : TP/IZ
Sample : G2450-12
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : RAMP-P-440SB3.7

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060315.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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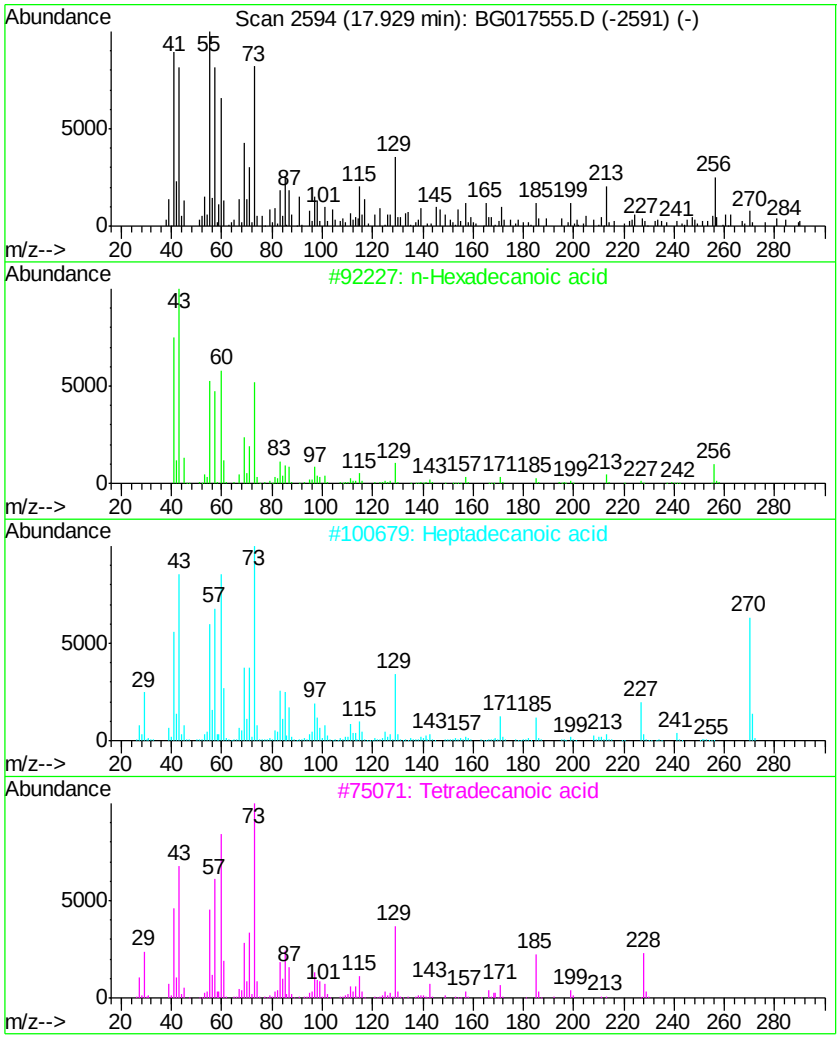
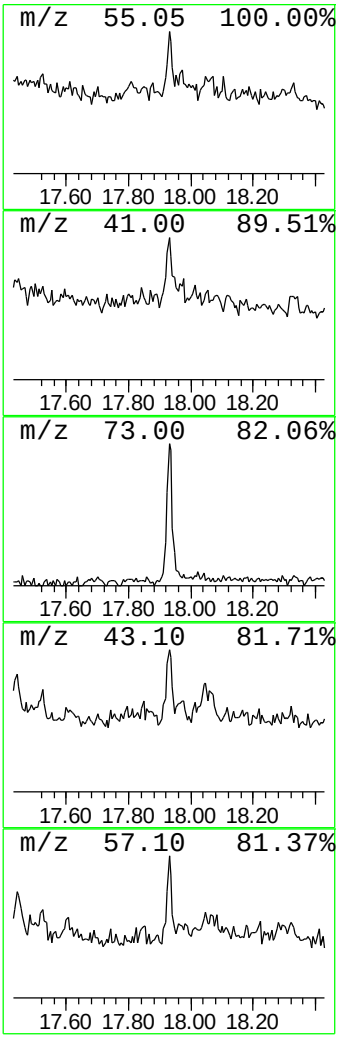
Peak Number 19 n-Hexadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.93	13.23 ng	238711	Phenanthrene-d10	17.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
2	Heptadecanoic acid	270	C17H34O2	000506-12-7	78
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	78
4	Dodecanoic acid	200	C12H24O2	000143-07-7	60
5	Tridecanoic acid	214	C13H26O2	000638-53-9	50





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060815\
Data File : BG017555.D
Acq On : 9 Jun 2015 2:33
Operator : TP/IZ
Sample : G2450-12
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : RAMP-P-440SB3.7

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060315.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
Butane, 2-methoxy...	2.74	8.7	ng	66779	1	7.60	153986	20.0
unknown7.15	7.15	87.4	ng	672909	1	7.60	153986	20.0
unknown11.43	11.43	6.6	ng	74359	2	10.40	225040	20.0
Tricyclo[3.3.1.1(...	11.48	8.5	ng	95732	2	10.40	225040	20.0
unknown12.14	12.14	7.5	ng	84593	2	10.40	225040	20.0
unknown12.69	12.69	7.5	ng	138000	3	14.27	366971	20.0
Decahydro-4,4,8,9...	13.04	13.4	ng	245210	3	14.27	366971	20.0
Naphthalene, deca...	13.58	7.6	ng	139685	3	14.27	366971	20.0
1H-Indene, octahy...	13.80	11.1	ng	203804	3	14.27	366971	20.0
n-Octylidencycloh...	14.17	9.7	ng	178617	3	14.27	366971	20.0
unknown14.36	14.36	9.7	ng	178258	3	14.27	366971	20.0
unknown15.06	15.06	13.8	ng	253996	3	14.27	366971	20.0
Tridecane	15.54	7.4	ng	136564	3	14.27	366971	20.0
Pentadecane, 2,6,...	16.01	15.4	ng	278276	4	17.02	360903	20.0
n-Hexadecanoic acid	17.93	13.2	ng	238711	4	17.02	360903	20.0