LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121215\
Data File : BG020110.D
Acq On : 11 Dec 2015 17:30
Operator : UM/SJ
Sample : G4729-07
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : W-31

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-BG120215.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	3.126	43	49	59	rVB2	12717	29327	1.79%	0.249%
2	5.176	392	398	404	rVB	25463	39572	2.41%	0.336%
3	5.646	472	478	489	rBV	125057	202901	12.35%	1.724%
4	6.316	587	592	599	rVB2	13052	21853	1.33%	0.186%
5	7.068	711	720	729	rBV	8886	17336	1.06%	0.147%
6	7.250	742	751	761	rVB	101188	172746	10.52%	1.468%
7	7.626	807	815	824	rBV	228034	397233	24.18%	3.376%
8	8.102	884	896	903	rBV	80661	145228	8.84%	1.234%
9	8.425	944	951	957	rBV	199866	331727	20.19%	2.819%
10	8.860	1010	1025	1032	rBV3	54733	161556	9.83%	1.373%
11	8.995	1041	1048	1050	rBV4	12823	25110	1.53%	0.213%
12	9.213	1079	1085	1088	rBV2	19029	30057	1.83%	0.255%
13	9.266	1088	1094	1110	rVV	189407	404989	24.65%	3.442%
14	9.418	1110	1120	1125	rVV6	12876	43524	2.65%	0.370%
15	9.548	1125	1142	1150	rVB3	83737	293310	17.85%	2.493%
16	9.683	1155	1165	1170	rVV3	64314	159176	9.69%	1.353%
17	9.742	1170	1175	1185	rVV4	52122	127293	7.75%	1.082%
18	9.841	1185	1192	1198	rVB3	27607	50788	3.09%	0.432%
19	10.024	1215	1223	1228	rVB2	15585	28647	1.74%	0.243%
20	10.088	1228	1234	1242	rBV3	17433	43605	2.65%	0.371%
21	10.312	1267	1272	1280	rVB2	40707	75941	4.62%	0.645%
22	10.423	1287	1291	1297	rVB7	11558	21072	1.28%	0.179%
23	10.488	1297	1302	1308	rBV4	10283	18257	1.11%	0.155%
24	10.547	1308	1312	1319	rVB	14820	23819	1.45%	0.202%
25	10.917	1368	1375	1380	rBV	115830	211232	12.86%	1.795%
26	10.964	1380	1383	1388	rVB3	21374	37075	2.26%	0.315%
27	11.440	1458	1464	1468	rBV	31968	52109	3.17%	0.443%
28	11.498	1468	1474	1479	rVB	34457	56793	3.46%	0.483%
29	11.563	1479	1485	1490	rBV4	13404	27438	1.67%	0.233%
30	11.751	1514	1517	1523	rVB4	10408	17551	1.07%	0.149%
31	11.822	1523	1529	1533	rBV4	18593	33116	2.02%	0.281%
32	11.874	1533	1538	1544	rBV7	21991	45345	2.76%	0.385%
33	12.104	1572	1577	1584	rBV4	15302	28336	1.72%	0.241%
34	12.456	1632	1637	1642	rVB4	19821	34821	2.12%	0.296%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121215\
Data File : BG020110.D
Acq On : 11 Dec 2015 17:30
Operator : UM/SJ
Sample : G4729-07
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : W-31

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-BG120215.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	12.568	1651	1656	1663	rVB	31118	58288	3.55%	0.495%
36	12.785	1686	1693	1702	rBV	50904	100534	6.12%	0.854%
37	13.138	1748	1753	1756	rBV5	11944	18155	1.11%	0.154%
38	13.191	1756	1762	1771	rVB4	24615	46782	2.85%	0.398%
39	13.355	1783	1790	1797	rVB	617509	956940	58.25%	8.133%
40	13.614	1831	1834	1840	rVB7	10559	19871	1.21%	0.169%
41	13.784	1857	1863	1866	rBV7	10643	19152	1.17%	0.163%
42	13.901	1878	1883	1886	rBV5	10027	18719	1.14%	0.159%
43	14.019	1897	1903	1904	rBV6	11822	16795	1.02%	0.143%
44	14.054	1904	1909	1914	rVV4	29496	57859	3.52%	0.492%
45	14.101	1914	1917	1925	rVB6	24845	43731	2.66%	0.372%
46	14.172	1925	1929	1932	rBV2	17395	24698	1.50%	0.210%
47	14.436	1969	1974	1979	rBV2	38419	61676	3.75%	0.524%
48	14.501	1981	1985	1987	rVV2	23612	34887	2.12%	0.296%
49	14.524	1987	1989	2000	rVB4	33762	53153	3.24%	0.452%
50	14.730	2013	2024	2031	rBV2	205451	358020	21.79%	3.043%
51	14.859	2041	2046	2048	rBV4	14875	22545	1.37%	0.192%
52	14.889	2048	2051	2055	rVB2	17422	27375	1.67%	0.233%
53	14.941	2055	2060	2065	rBV6	16648	32691	1.99%	0.278%
54	15.000	2066	2070	2074	rBV2	14183	25531	1.55%	0.217%
55	15.176	2095	2100	2102	rBV	17515	28238	1.72%	0.240%
56	15.300	2113	2121	2125	rBV2	84725	137273	8.36%	1.167%
57	15.353	2125	2130	2135	rVB3	32040	57323	3.49%	0.487%
58	15.429	2138	2143	2146	rBV3	16862	29355	1.79%	0.249%
59	15.594	2163	2171	2176	rVV6	94458	226382	13.78%	1.924%
60	15.646	2176	2180	2189	rVB	63644	101246	6.16%	0.860%
61	15.752	2194	2198	2204	rBV7	12692	26210	1.60%	0.223%
62	15.817	2205	2209	2213	rVV4	17027	23824	1.45%	0.202%
63	15.858	2213	2216	2224	rVB5	16421	31701	1.93%	0.269%
64	15.981	2232	2237	2241	rBV5	18758	33072	2.01%	0.281%
65	16.216	2269	2277	2288	rVB	593318	965590	58.78%	8.206%
66	16.352	2297	2300	2304	rVB3	15706	18856	1.15%	0.160%
67	16.410	2304	2310	2314	rBV2	119772	197626	12.03%	1.680%
68	16.545	2330	2333	2336	rVB2	14626	17863	1.09%	0.152%
69	16.598	2340	2342	2348	rVB6	14813	24825	1.51%	0.211%
70	16.663	2348	2353	2358	rVB5	12369	21012	1.28%	0.179%
71	16.769	2366	2371	2376	rBV7	10829	25759	1.57%	0.219%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121215\
Data File : BG020110.D
Acq On : 11 Dec 2015 17:30
Operator : UM/SJ
Sample : G4729-07
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : W-31

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-BG120215.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	16.857	2382	2386	2392	rBV7	14355	28130	1.71%	0.239%
73	16.933	2395	2399	2403	rBV3	17941	26199	1.59%	0.223%
74	17.209	2442	2446	2450	rBV	31929	41822	2.55%	0.355%
75	17.262	2450	2455	2460	rBV	69454	101313	6.17%	0.861%
76	17.474	2479	2491	2504	rBV	278385	473605	28.83%	4.025%
77	17.820	2546	2550	2554	rBV	20266	31306	1.91%	0.266%
78	17.950	2568	2572	2577	rVB2	22366	32168	1.96%	0.273%
79	18.167	2606	2609	2614	rVB5	12735	21601	1.31%	0.184%
80	18.349	2635	2640	2653	rBV2	99052	194717	11.85%	1.655%
81	18.637	2687	2689	2693	rVB2	21733	22072	1.34%	0.188%
82	18.690	2693	2698	2700	rBV	35315	56876	3.46%	0.483%
83	19.260	2793	2795	2800	rVB	26125	27342	1.66%	0.232%
84	19.548	2842	2844	2850	rVB7	13590	22322	1.36%	0.190%
85	19.612	2850	2855	2860	rBV	111468	154788	9.42%	1.315%
86	19.712	2869	2872	2875	rBV	28784	31040	1.89%	0.264%
87	19.883	2898	2901	2906	rVB2	20130	28809	1.75%	0.245%
88	20.077	2928	2934	2942	rVB	1224134	1642824	100.00%	13.962%
89	20.846	3061	3065	3070	rBV3	68957	88125	5.36%	0.749%
90	21.216	3125	3128	3134	rBV2	19830	28769	1.75%	0.244%
91	21.745	3212	3218	3224	rVB	298972	488301	29.72%	4.150%
92	22.127	3278	3283	3290	rVB3	25519	55484	3.38%	0.472%
93	22.521	3345	3350	3362	rVB3	30549	99744	6.07%	0.848%
94	22.891	3407	3413	3422	rBV2	66649	201362	12.26%	1.711%
95	25.018	3764	3775	3788	rVB2	166898	495396	30.16%	4.210%

Sum of corrected areas: 11766555

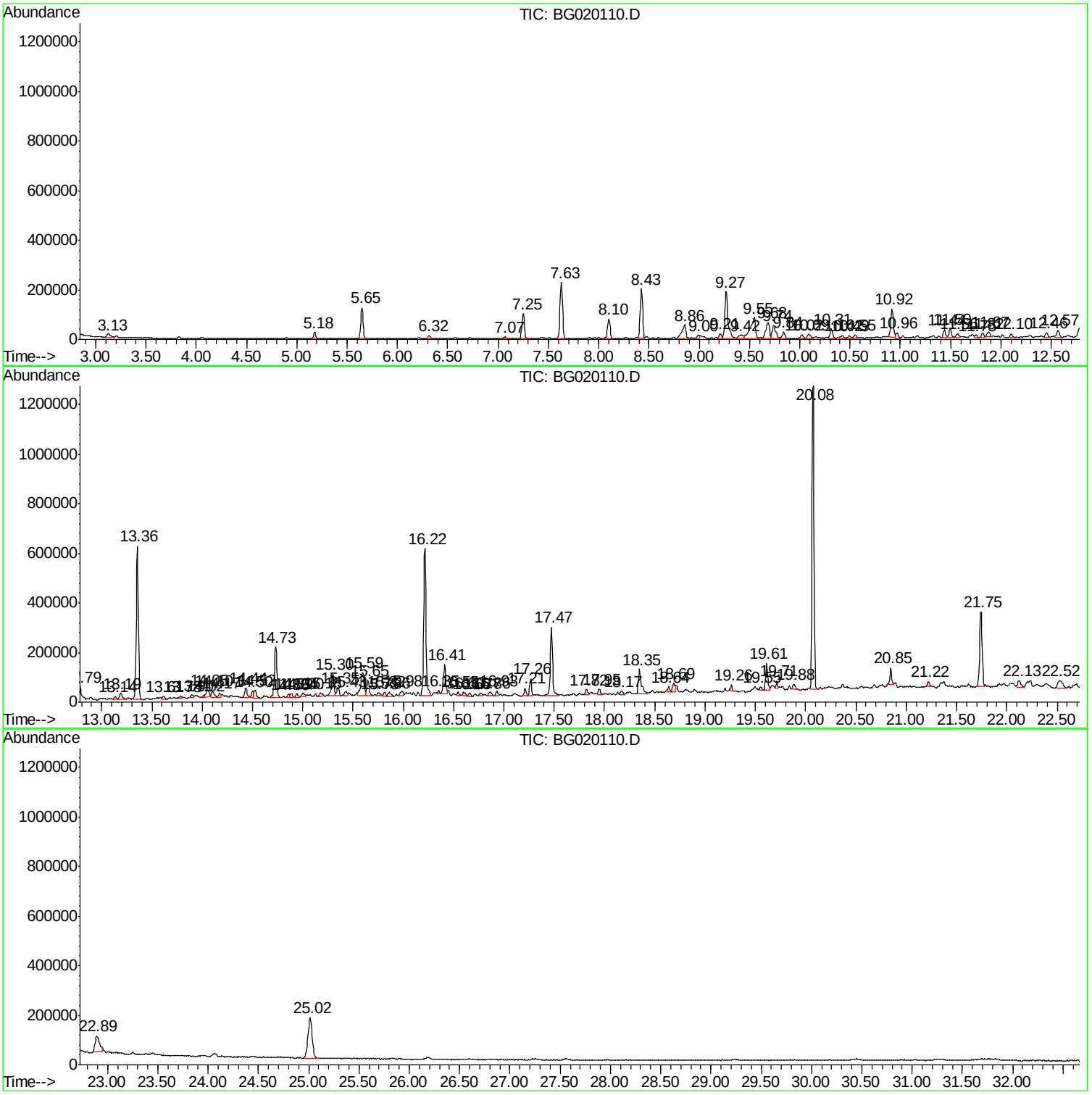
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121215\
Data File : BG020110.D
Acq On : 11 Dec 2015 17:30
Operator : UM/SJ
Sample : G4729-07
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : W-31

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG120215.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\BG121215\
Data File : BG020110.D
Acq On : 11 Dec 2015 17:30
Operator : UM/SJ
Sample : G4729-07
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : W-31

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG120215.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

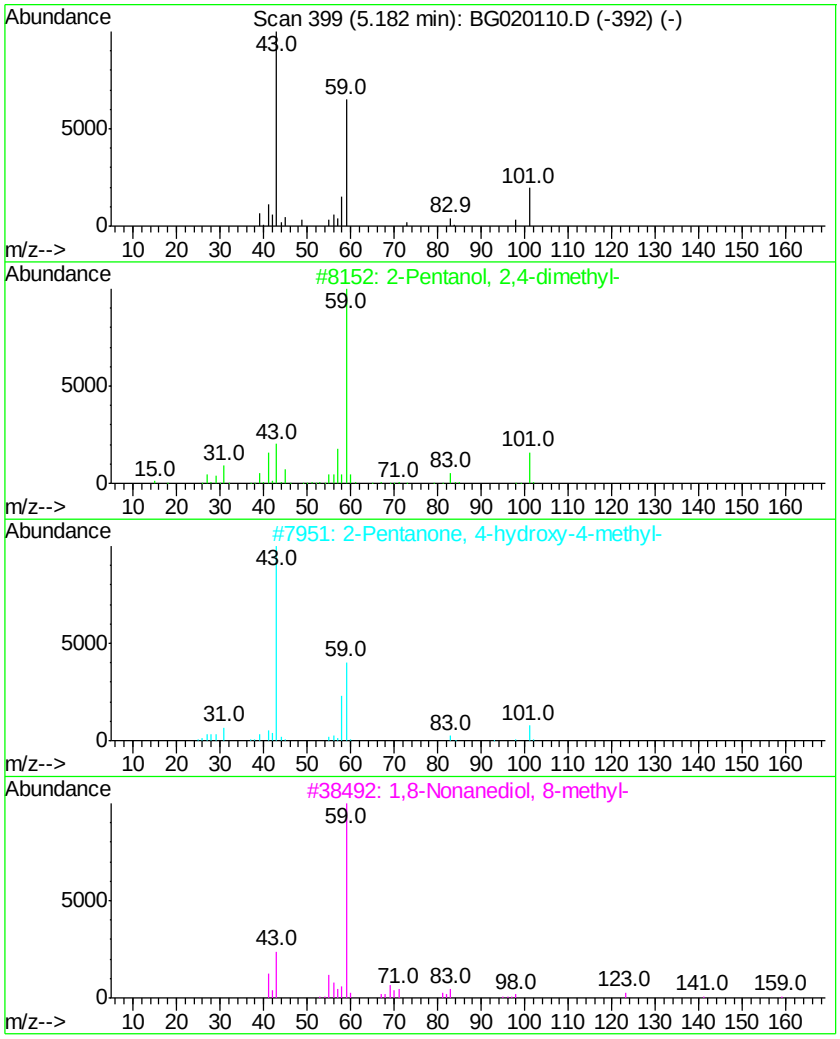
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

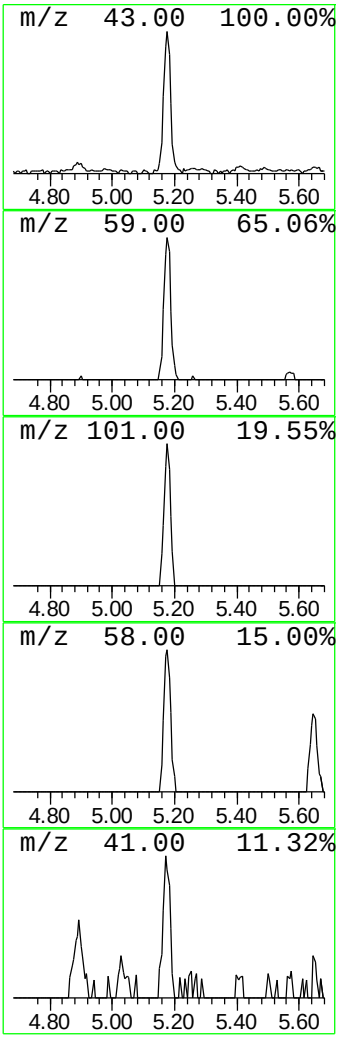
****

Peak Number 1 unknown5.18 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.18	5.45 ng	39572	1,4-Dichlorobenzene-d4	8.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanol, 2,4-dimethyl-	116	C7H16O	000625-06-9	40
2	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	39
3	1,8-Nonanediol, 8-methyl-	174	C10H22O2	054725-73-4	37
4	1,2-Butanediol, (.+/-.)-	90	C4H10O2	026171-83-5	32
5	2-Butanol, 3-methoxy-	104	C5H12O2	053778-72-6	25





Data Path : Z:\HPCHEM1\BNA G\DATA\BG121215\
Data File : BG020110.D
Acq On : 11 Dec 2015 17:30
Operator : UM/SJ
Sample : G4729-07
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : W-31

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG120215.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

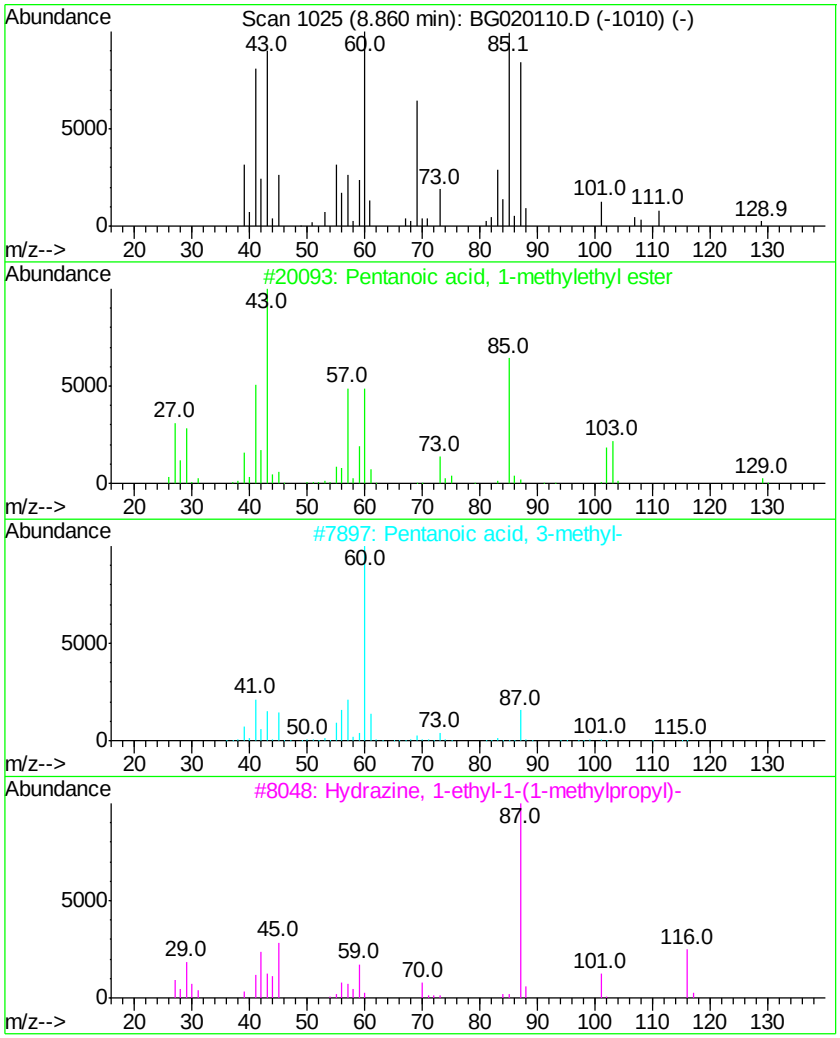
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

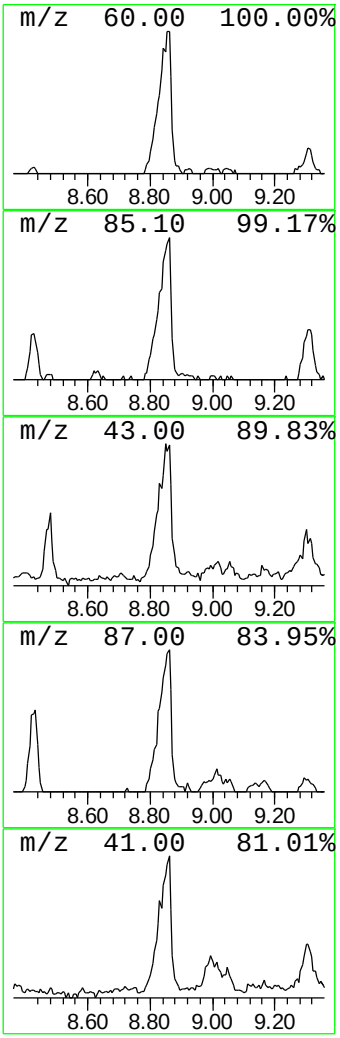
****

Peak Number 4 unknown8.86 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.86	22.25 ng	161556	1,4-Dichlorobenzene-d4	8.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentanoic acid, 1-methylethyl ester	144	C8H16O2	018362-97-5	38
2	Pentanoic acid, 3-methyl-	116	C6H12O2	000105-43-1	37
3	Hydrazine, 1-ethyl-1-(1-methylpr...	116	C6H16N2	020325-97-7	22
4	1-Decanol, 10-[(tetrahydro-2H-py...	258	C15H30O3	043047-93-4	22
5	Hexane, 1,1'-[methylenebis(oxy)]...	216	C13H28O2	054815-12-2	14





Data Path : Z:\HPCHEM1\BNA G\DATA\BG121215\
Data File : BG020110.D
Acq On : 11 Dec 2015 17:30
Operator : UM/SJ
Sample : G4729-07
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : W-31

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG120215.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

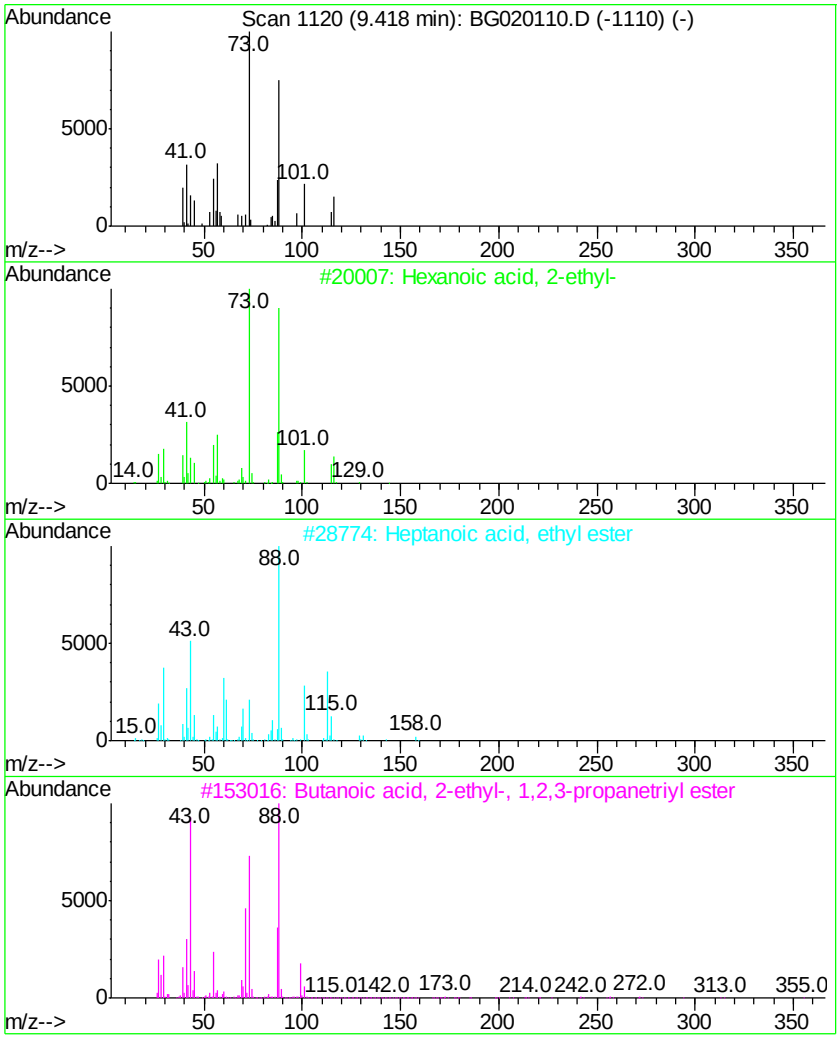
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

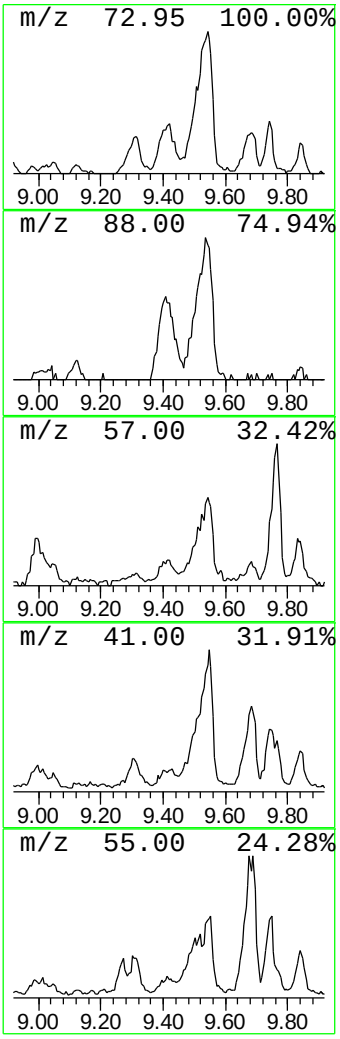
****

Peak Number 5 Hexanoic acid, 2-ethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.42	5.99 ng	43524	1,4-Dichlorobenzene-d4	8.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	59
2	Heptanoic acid, ethyl ester	158	C9H18O2	000106-30-9	36
3	Butanoic acid, 2-ethyl-, 1,2,3-p...	386	C21H38O6	056554-54-2	33
4	Hydrazine, 1,2-diethyl-	88	C4H12N2	001615-80-1	28
5	Urea, ethyl-	88	C3H8N2O	000625-52-5	9





Data Path : Z:\HPCHEM1\BNA G\DATA\BG121215\
Data File : BG020110.D
Acq On : 11 Dec 2015 17:30
Operator : UM/SJ
Sample : G4729-07
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : W-31

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG120215.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

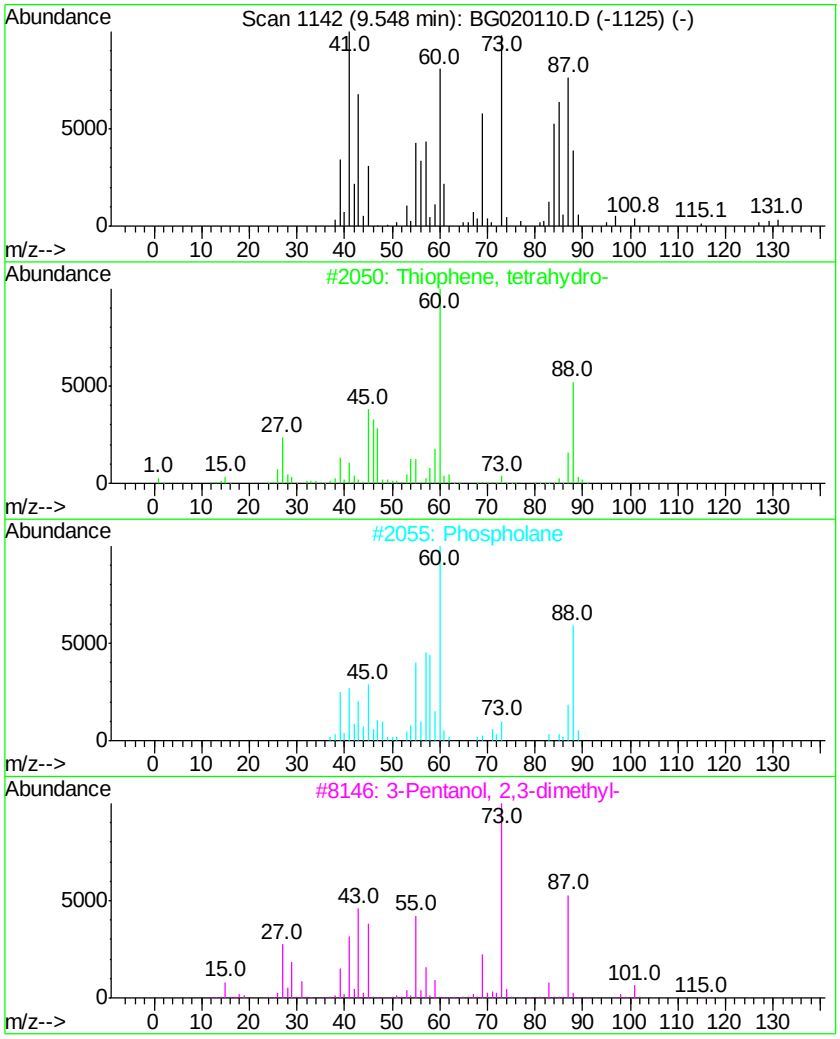
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

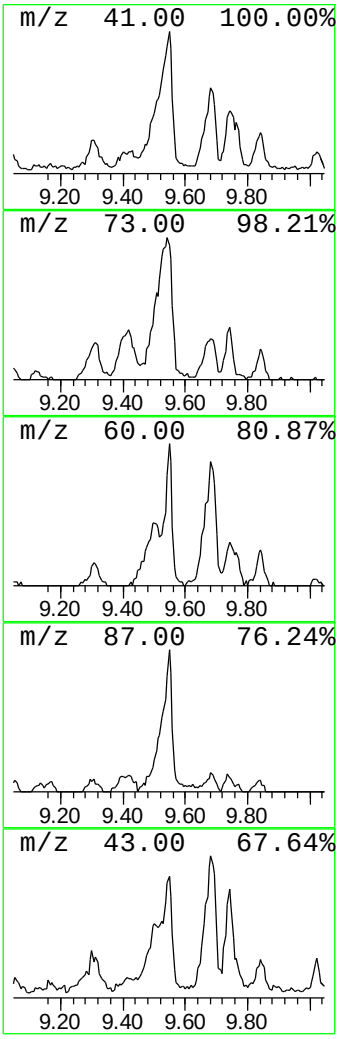
****

Peak Number 6 unknown9.55 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.55	27.77 ng	293310	Naphthalene-d8	10.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Thiophene, tetrahydro-	88	C4H8S	000110-01-0	35
2	Phospholane	88	C4H9P	003466-00-0	25
3	3-Pentanol, 2,3-dimethyl-	116	C7H16O	000595-41-5	22
4	2-Propenoic acid, 2-methyl-, but...	142	C8H14O2	000097-88-1	14
5	2-Propenoic acid, 2-methyl-, hex...	170	C10H18O2	000142-09-6	12





Data Path : Z:\HPCHEM1\BNA G\DATA\BG121215\
Data File : BG020110.D
Acq On : 11 Dec 2015 17:30
Operator : UM/SJ
Sample : G4729-07
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : W-31

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG120215.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

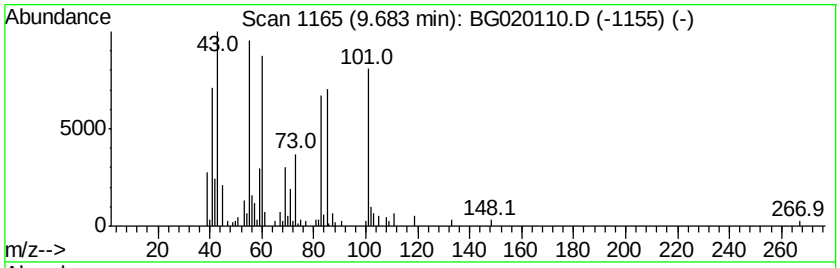
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

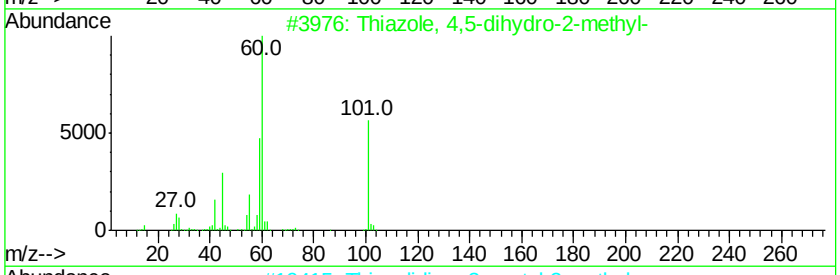
****

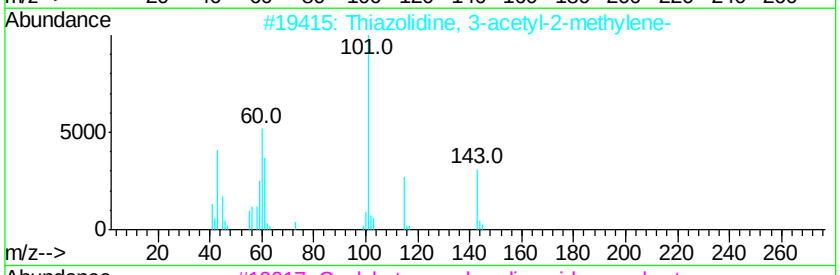
Peak Number 7 unknown9.68 Concentration Rank 5

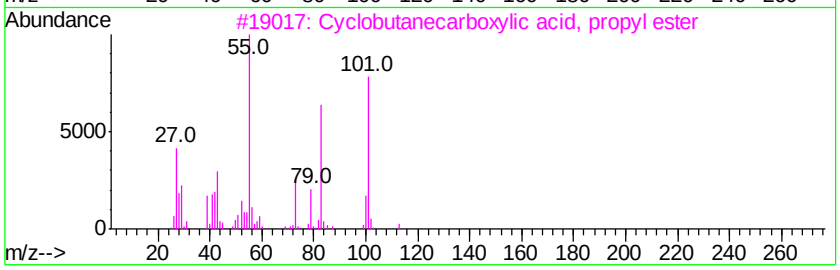
R.T.	EstConc	Area	Relative to ISTD	R.T.
9.68	15.07 ng	159176	Naphthalene-d8	10.92

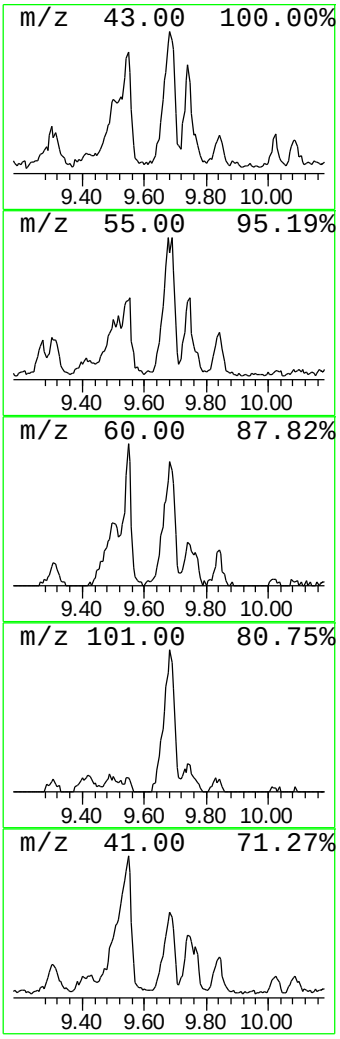
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Thiazole, 4,5-dihydro-2-methyl-	101	C4H7NS	002346-00-1	47
2	Thiazolidine, 3-acetyl-2-methylene-	143	C6H9NOS	032503-99-4	43
3	Cyclobutanecarboxylic acid, prop...	142	C8H14O2	1000280-40-0	38
4	3,4,5-Trimethyl-4-heptanol	158	C10H22O	060836-08-0	35
5	n-Butyl tiglate	156	C9H16O2	066917-60-0	27











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Acq On : 11 Dec 2015 17:30
Operator : UM/SJ
Sample : G4729-07
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : W-31

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG120215.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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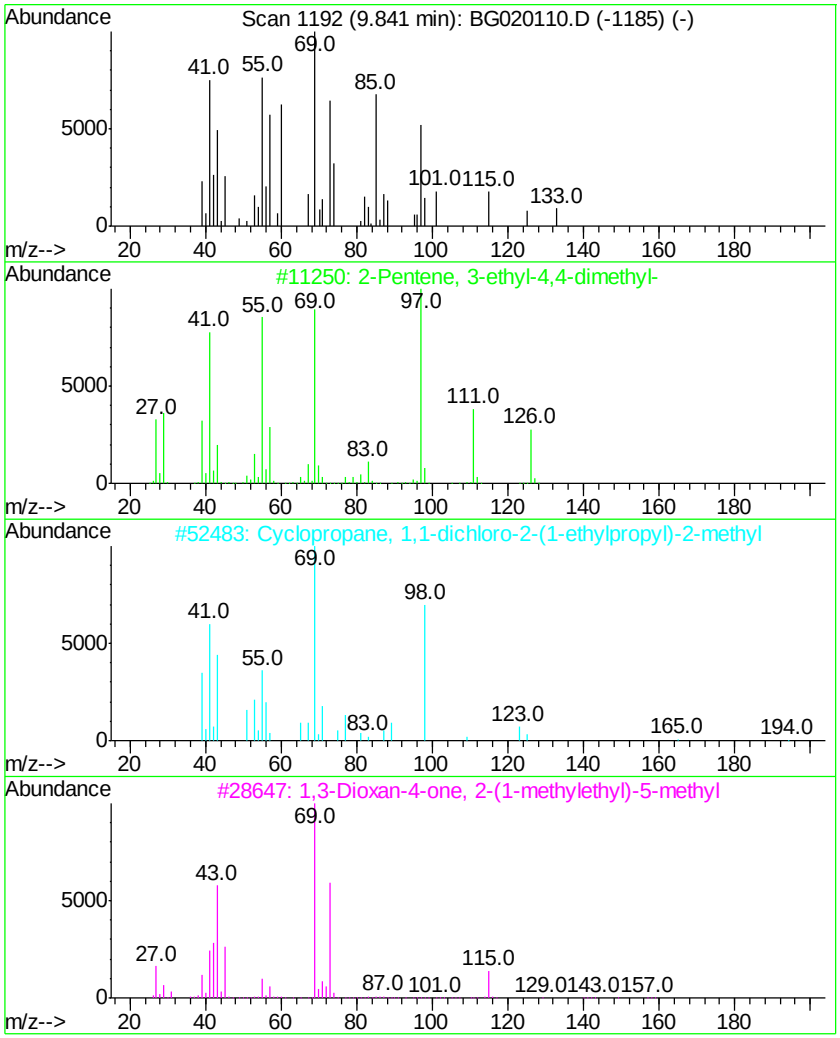
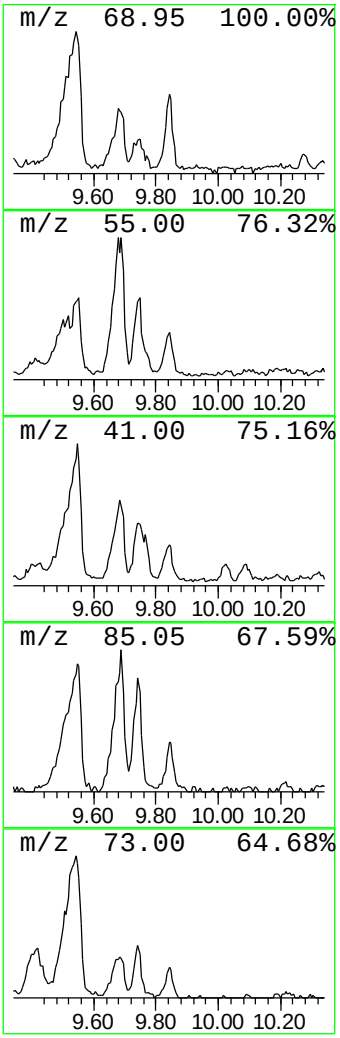
Peak Number 9 unknown9.84 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.84	4.81 ng	50788	Naphthalene-d8	10.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentene, 3-ethyl-4,4-dimethyl-	126	C9H18	053907-59-8	35
2	Cyclopropane, 1,1-dichloro-2-(1-...	194	C9H16Cl2	024551-83-5	22
3	1,3-Dioxan-4-one, 2-(1-methyleth...	158	C8H14O3	1000197-64-0	22
4	Cyclopentanecarboxaldehyde	98	C6H10O	000872-53-7	22
5	4-Octanol	130	C8H18O	000589-62-8	22





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Sample : G4729-07
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Instrument : BNA_G
ClientSampleId : W-31

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG120215.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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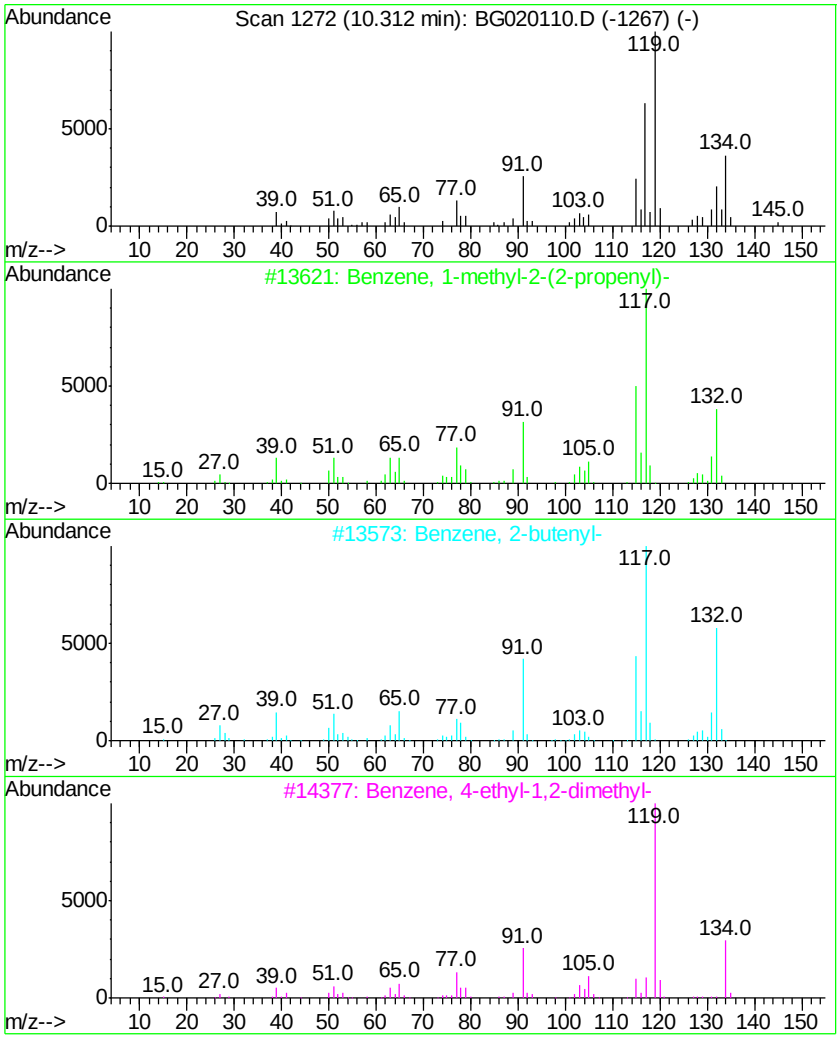
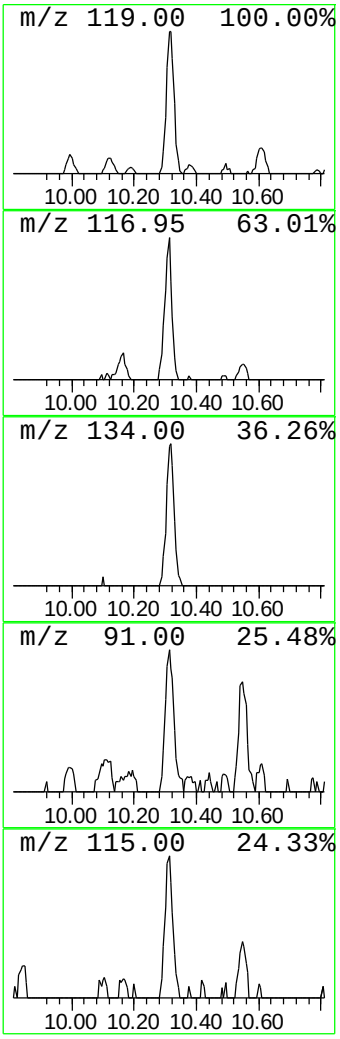
Peak Number 10 Benzene, 1-methyl-2-(2-prop... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.31	7.19 ng	75941	Naphthalene-d8	10.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	83
2	Benzene, 2-butenyl-	132	C10H12	001560-06-1	80
3	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	64
4	Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	64
5	Benzene, 1-methyl-4-(1-methyleth...	134	C10H14	000099-87-6	60





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Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : W-31

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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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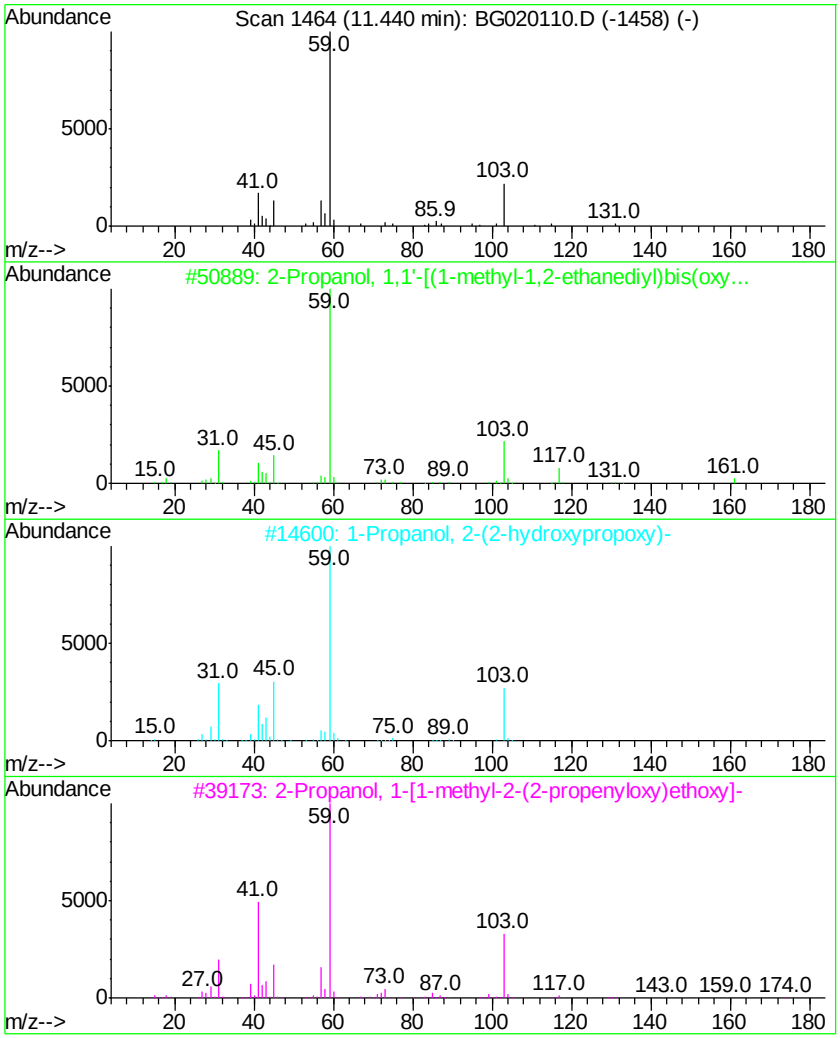
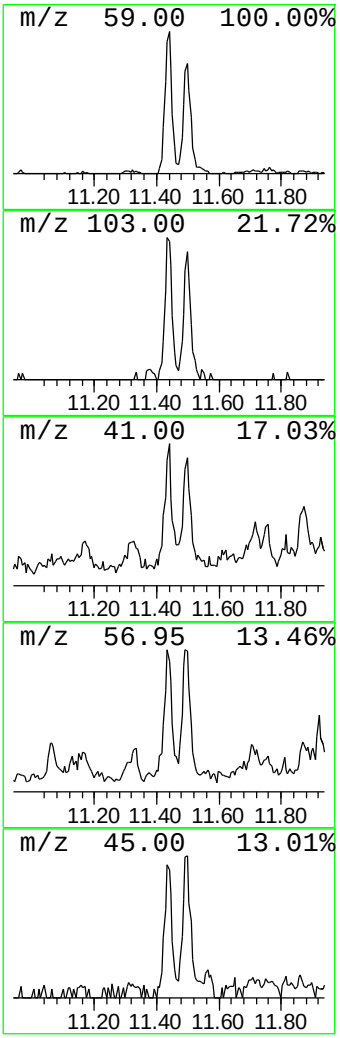
Peak Number 11 2-Propanol, 1,1'-[(1-methyl... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.44	4.93 ng	52109	Naphthalene-d8	10.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanol, 1,1'-[(1-methyl-1,2-...	192	C9H20O4	001638-16-0	72
2	1-Propanol, 2-(2-hydroxypropoxy)-	134	C6H14O3	000106-62-7	72
3	2-Propanol, 1-[1-methyl-2-(2-pro...	174	C9H18O3	055956-25-7	64
4	3-Heptanol, 4-methyl-	130	C8H18O	014979-39-6	45
5	3-Pentanol	88	C5H12O	000584-02-1	40





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ClientSampleId : W-31

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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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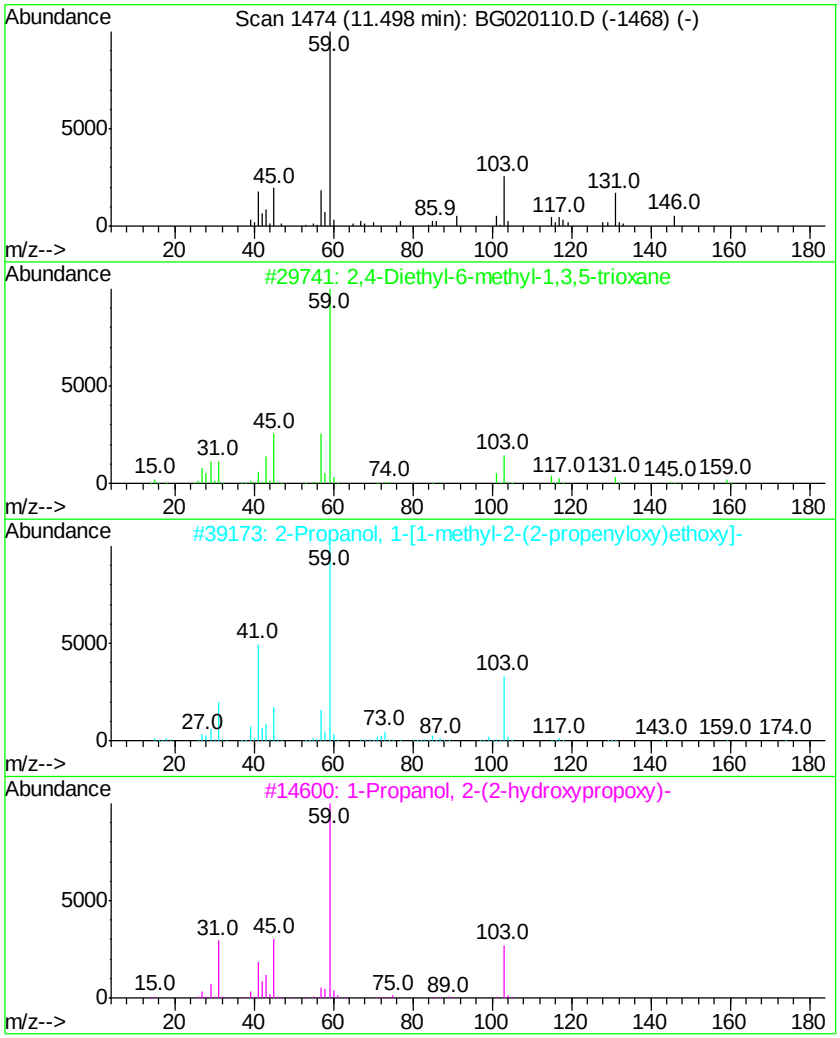
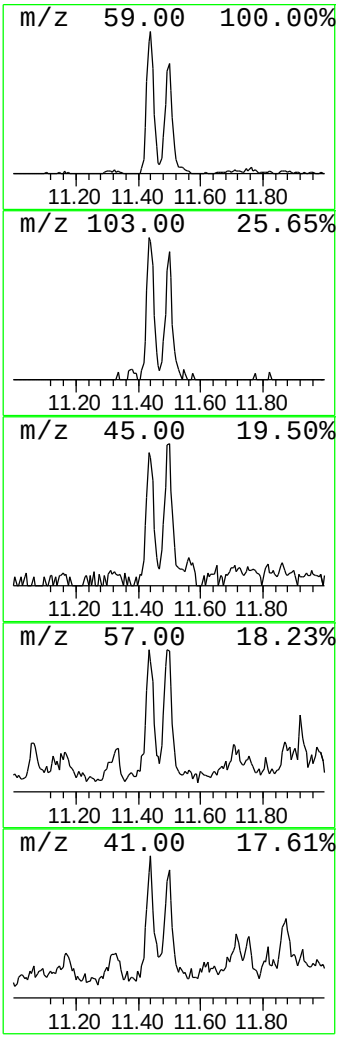
Peak Number 12 2,4-Diethyl-6-methyl-1,3,5-... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.50	5.38 ng	56793	Naphthalene-d8	10.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4-Diethyl-6-methyl-1,3,5-trioxane	160	C8H16O3	117888-04-7	64
2	2-Propanol, 1-[1-methyl-2-(2-pro...	174	C9H18O3	055956-25-7	64
3	1-Propanol, 2-(2-hydroxypropoxy)-	134	C6H14O3	000106-62-7	59
4	Dipropylene glycol	134	C6H14O3	025265-71-8	59
5	Hexaethylene glycol dimethyl ether	310	C14H30O7	001072-40-8	59





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Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : W-31

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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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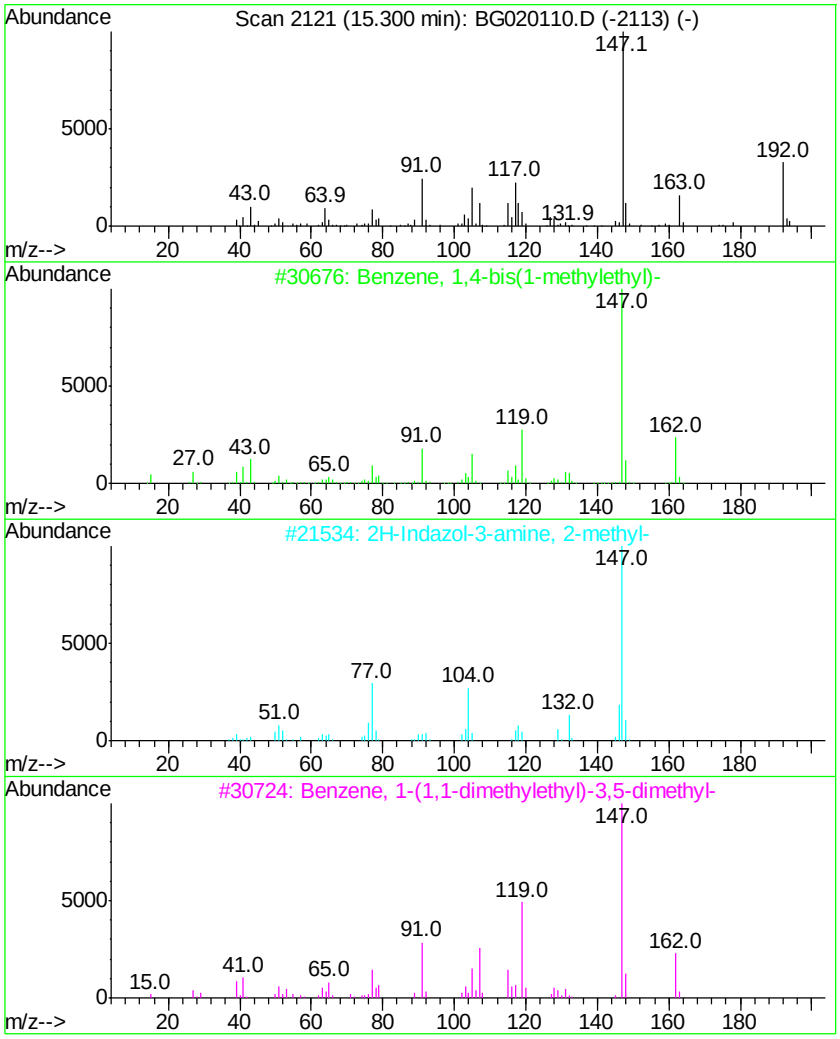
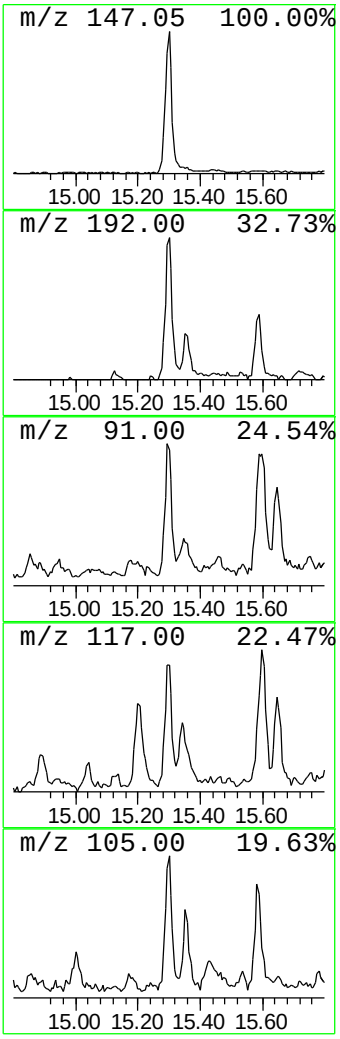
Peak Number 14 unknown15.30 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.30	7.67 ng	137273	Acenaphthene-d10	14.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,4-bis(1-methylethyl)-	162	C12H18	000100-18-5	47
2	2H-Indazol-3-amine, 2-methyl-	147	C8H9N3	097990-19-7	46
3	Benzene, 1-(1,1-dimethylethyl)-3...	162	C12H18	000098-19-1	43
4	Benzoic acid, 4-propyl-, 4-cyano...	265	C17H15NO2	056131-49-8	43
5	2H-Benzotriazole, 2-ethyl-	147	C8H9N3	016584-04-6	38





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Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : W-31

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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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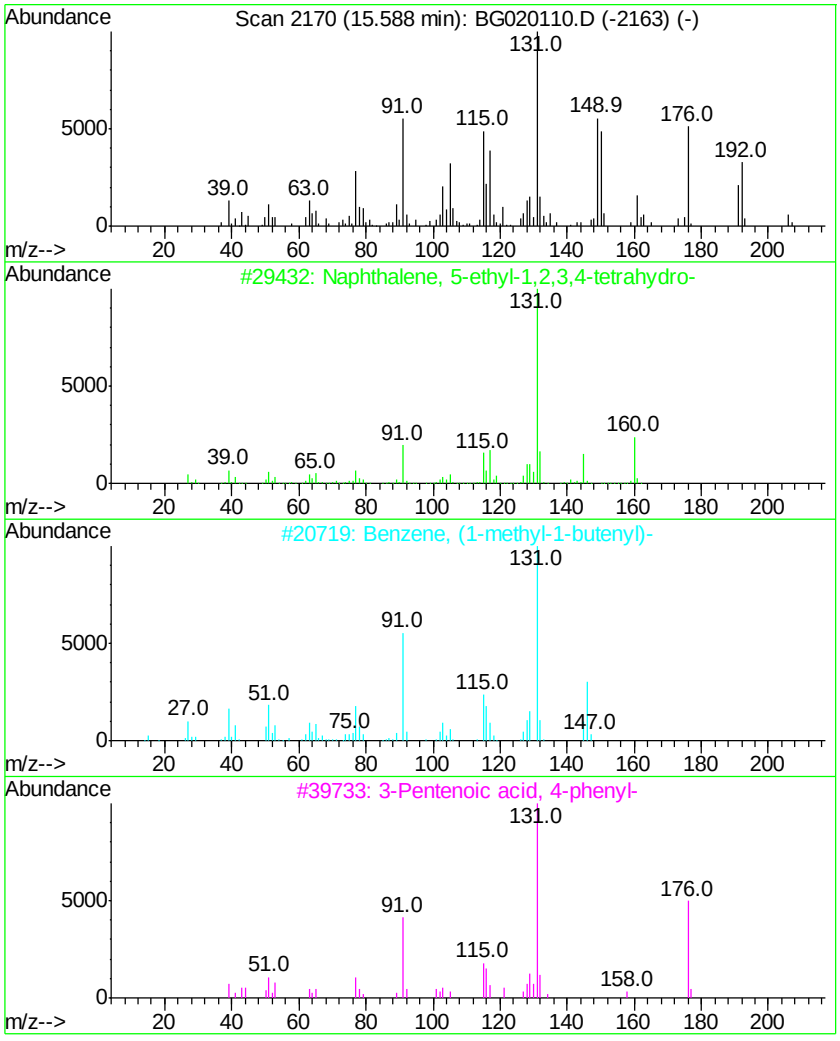
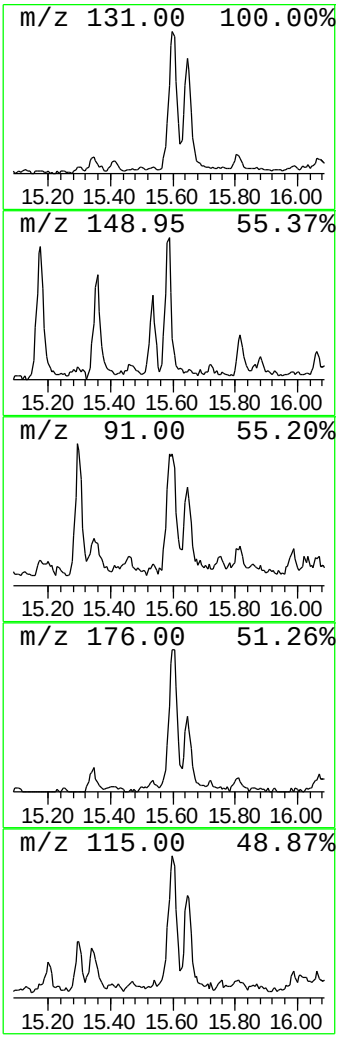
Peak Number 15 Naphthalene, 5-ethyl-1,2,3,... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.59	12.65 ng	226382	Acenaphthene-d10	14.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 5-ethyl-1,2,3,4-tet...	160	C12H16	042775-75-7	50
2	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	50
3	3-Pentenoic acid, 4-phenyl-	176	C11H12O2	053774-19-9	49
4	1H-Indene, 2,3-dihydro-1,1-dimet...	146	C11H14	004912-92-9	45
5	Benzene, 1-methyl-2-(1-methyl-2-...	146	C11H14	097664-19-2	38





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Sample : G4729-07
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : W-31

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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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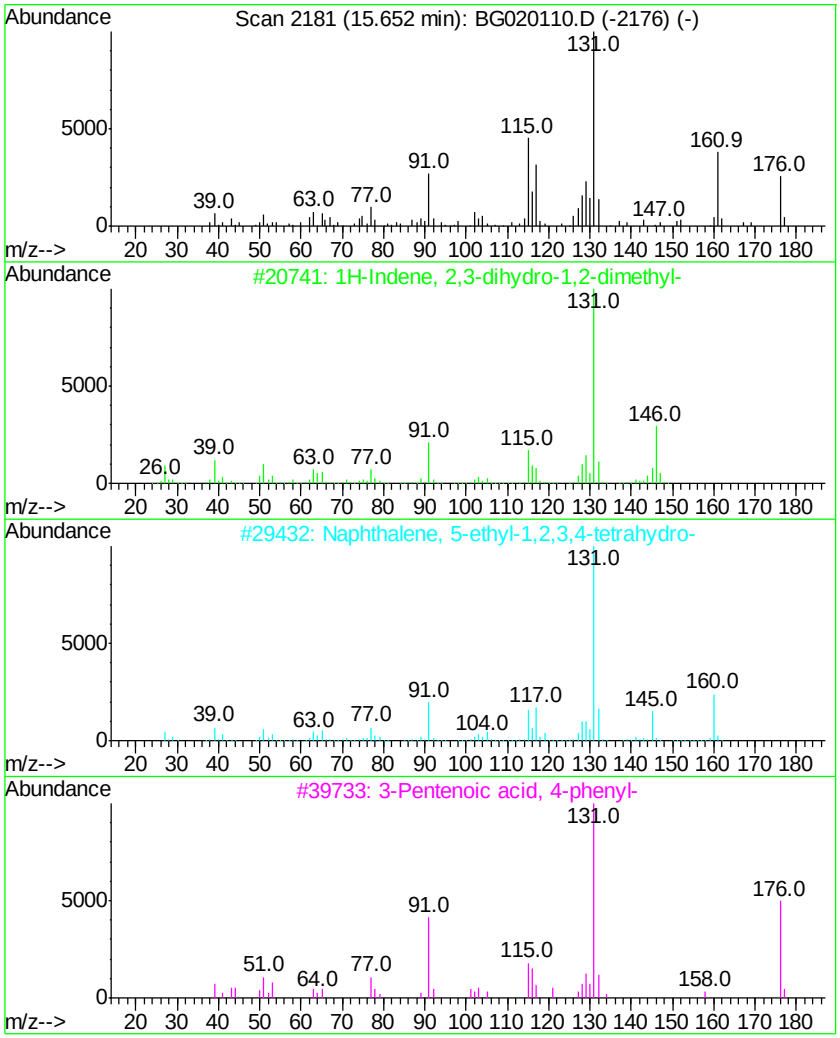
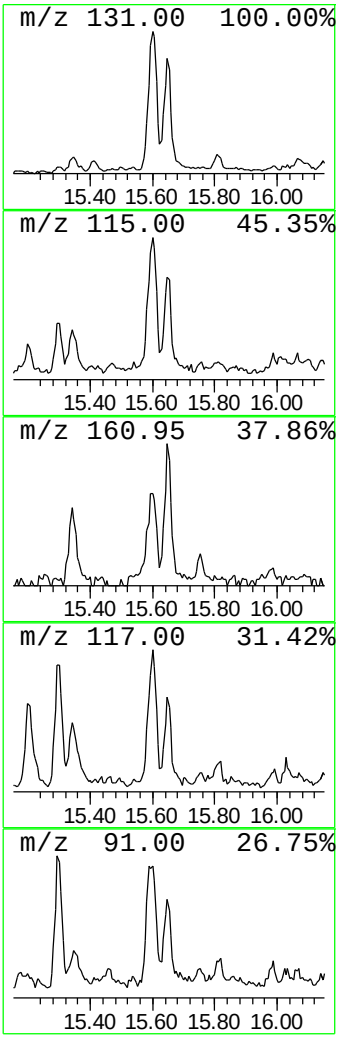
Peak Number 16 1H-Indene, 2,3-dihydro-1,2-... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.65	5.66 ng	101246	Acenaphthene-d10	14.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	58
2	Naphthalene, 5-ethyl-1,2,3,4-tet...	160	C12H16	042775-75-7	53
3	3-Pentenoic acid, 4-phenyl-	176	C11H12O2	053774-19-9	47
4	2-Propenal, 3-(4-methylphenyl)-	146	C10H10O	001504-75-2	47
5	Benzene, (2-chloro-2-butenyl)-	166	C10H11Cl	054411-12-0	43





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Instrument : BNA_G
ClientSampleId : W-31

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

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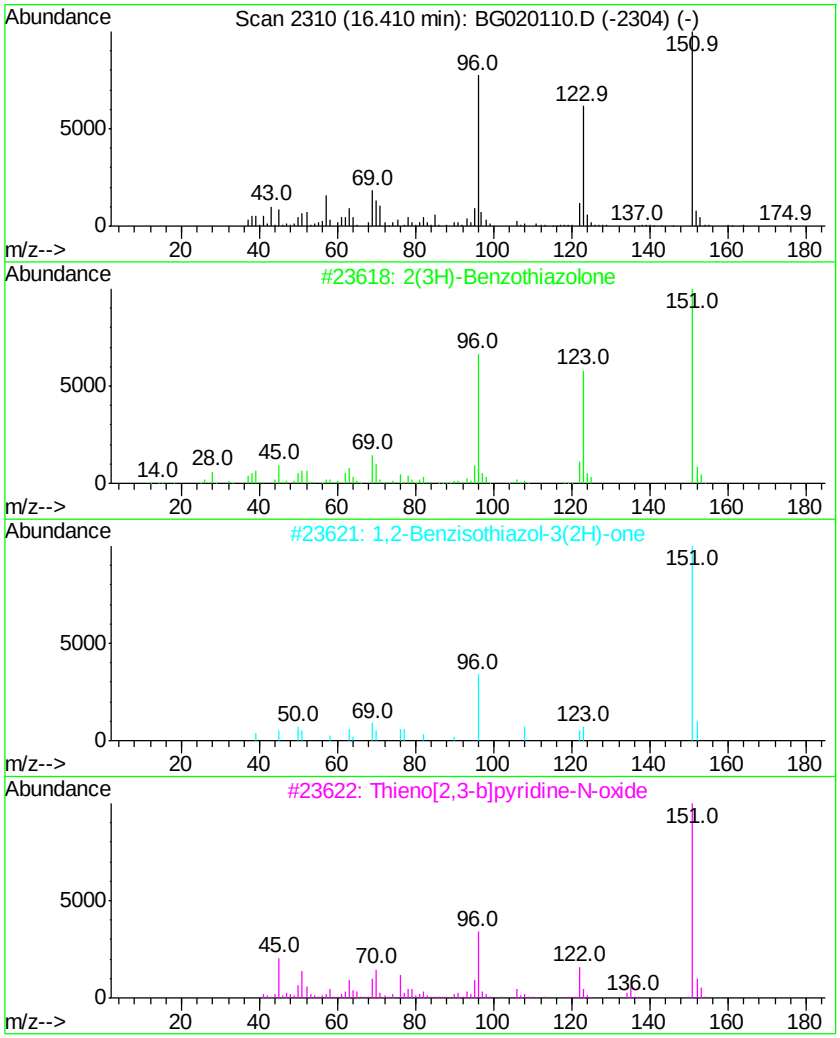
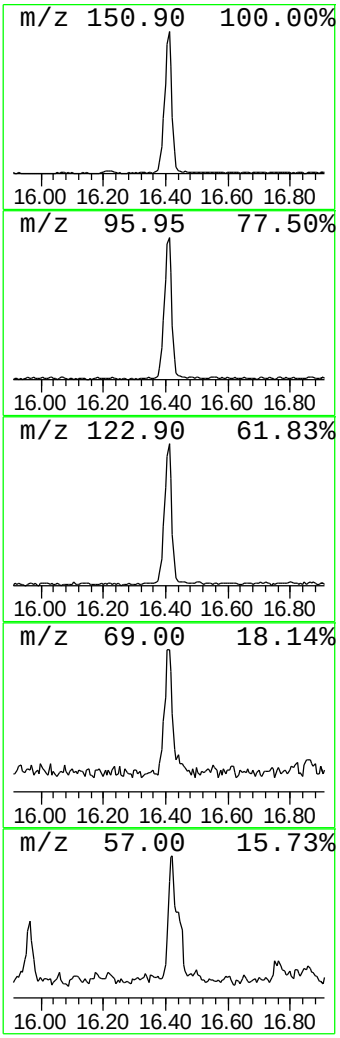
Peak Number 17 2(3H)-Benzothiazolone Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.41	8.35 ng	197626	Phenanthrene-d10	17.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2(3H)-Benzothiazolone	151	C7H5NOS	000934-34-9	97
2	1,2-Benzisothiazol-3(2H)-one	151	C7H5NOS	002634-33-5	53
3	Thieno[2,3-b]pyridine-N-oxide	151	C7H5NOS	025557-50-0	42
4	4-Methoxyformanilide	151	C8H9NO2	023896-88-0	38
5	6-Methyl-7-oxo-4,7-dihydro-triaz...	151	C5H5N5O	057250-39-2	32





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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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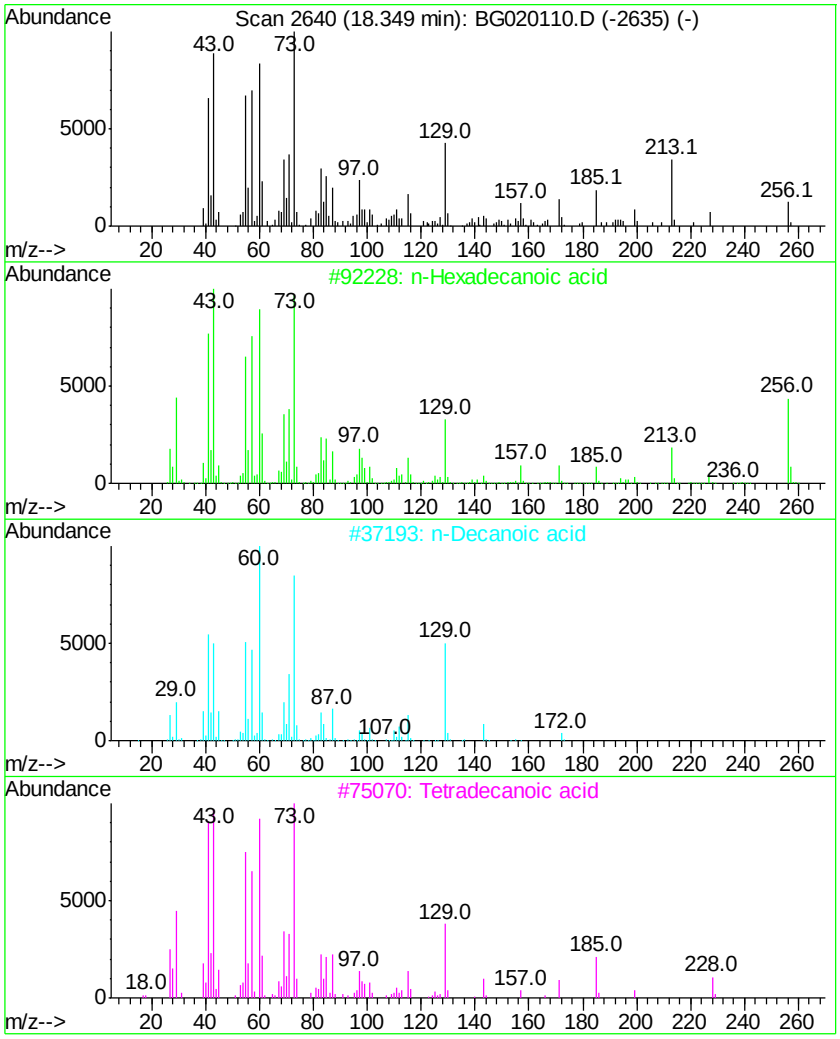
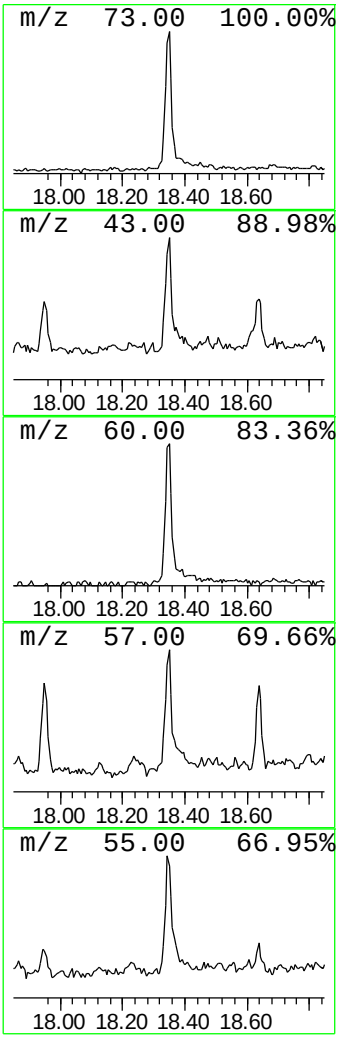
Peak Number 18 n-Hexadecanoic acid Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.35	8.22 ng	194717	Phenanthrene-d10	17.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
2	n-Decanoic acid	172	C10H20O2	000334-48-5	83
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	72
4	Dodecanoic acid	200	C12H24O2	000143-07-7	68
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	68





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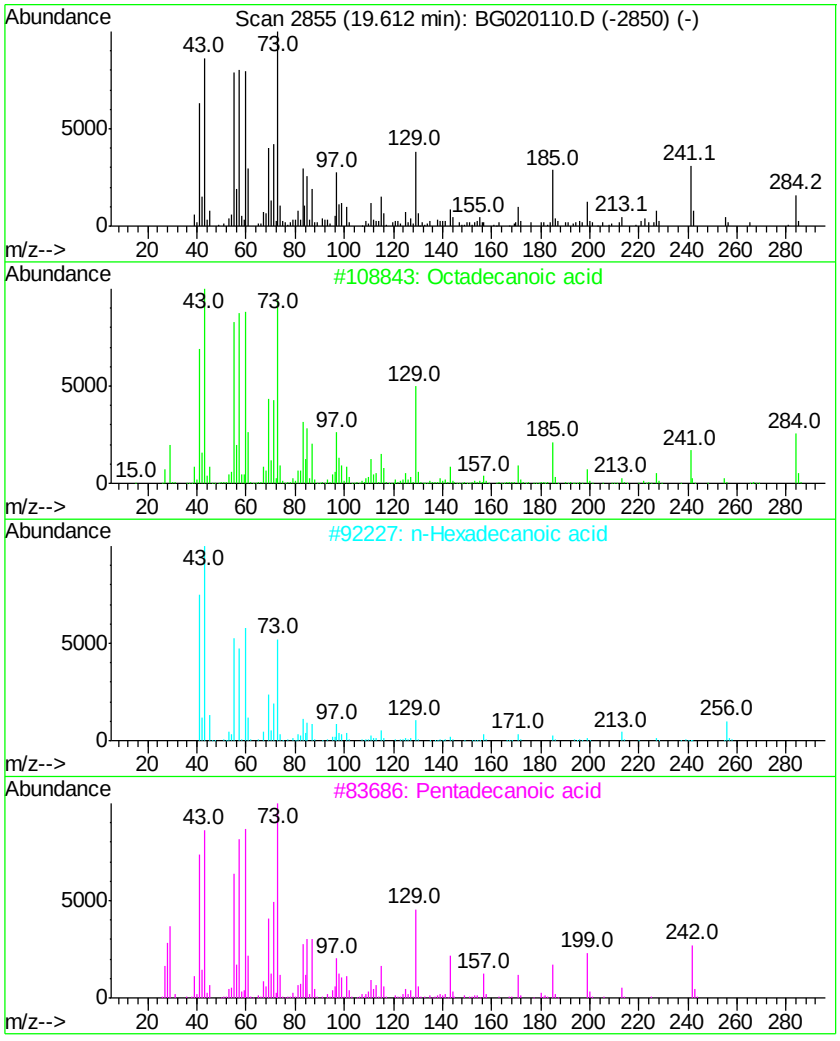
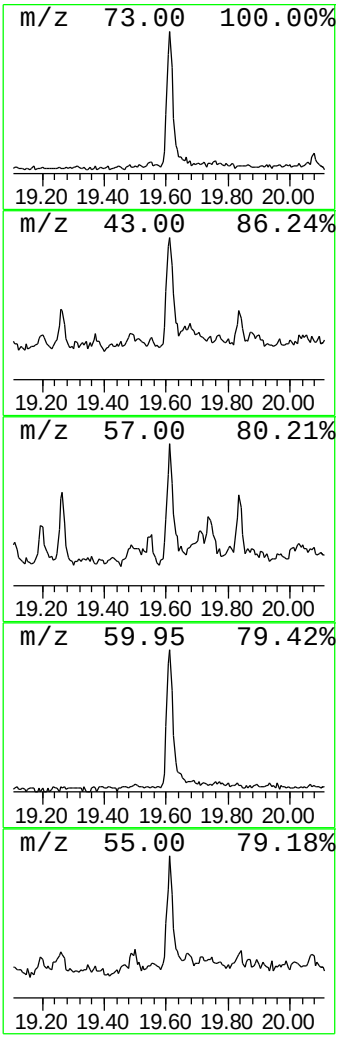
Peak Number 19 Octadecanoic acid Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.61	6.34 ng	154788	Chrysene-d12	21.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	98
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	89
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	83
5	n-Decanoic acid	172	C10H20O2	000334-48-5	62





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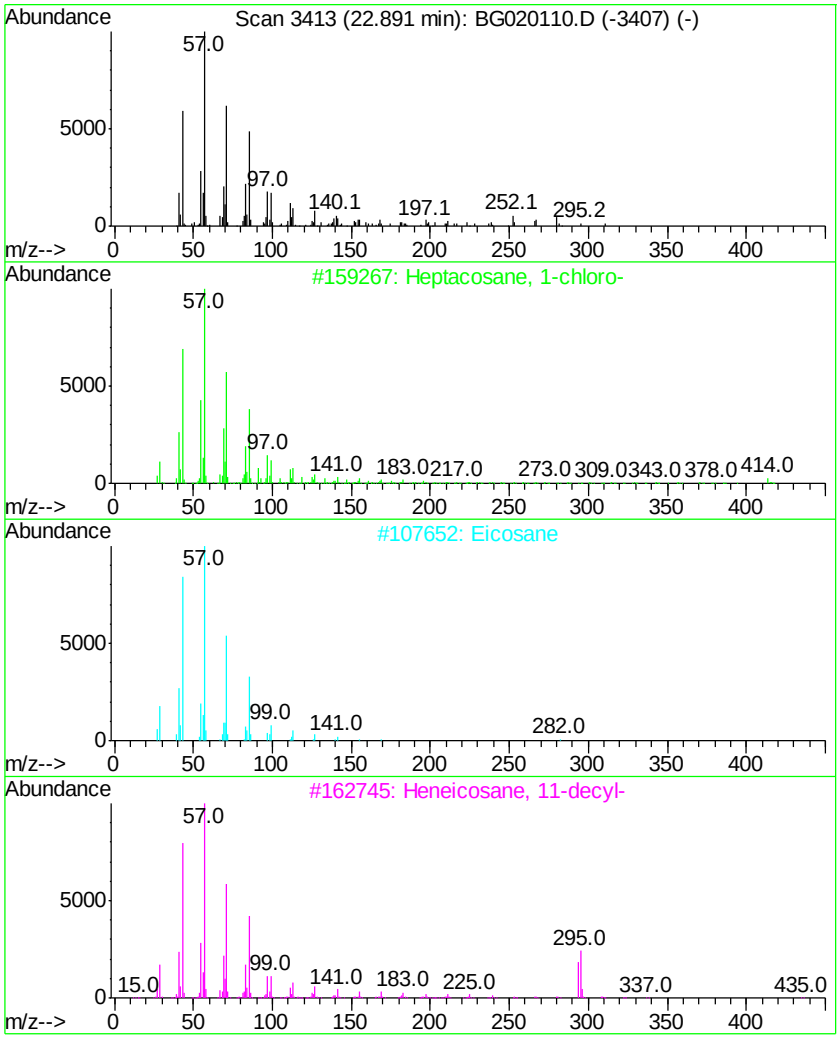
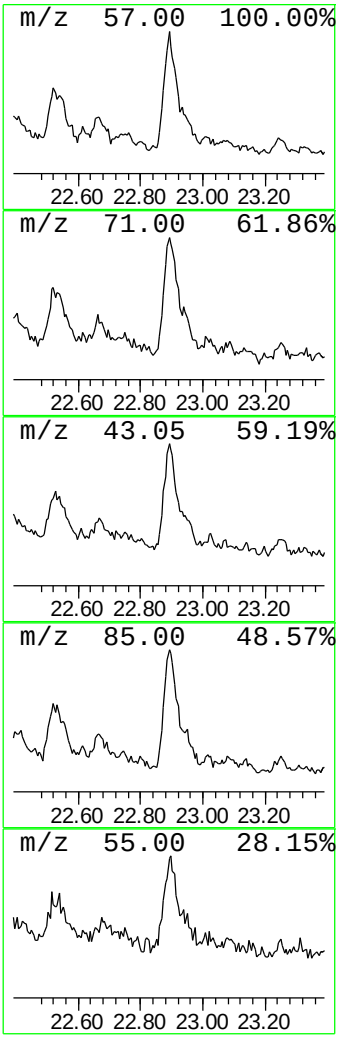
Peak Number 20 Heptacosane, 1-chloro- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.89	8.25 ng	201362	Chrysene-d12	21.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane, 1-chloro-	414	C27H55Cl	062016-79-9	90
2	Eicosane	282	C20H42	000112-95-8	89
3	Heneicosane, 11-decyl-	437	C31H64	055320-06-4	86
4	Nonadecane, 9-methyl-	282	C20H42	013287-24-6	83
5	Tetratetracontane	619	C44H90	007098-22-8	80





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121215\
Data File : BG020110.D
Acq On : 11 Dec 2015 17:30
Operator : UM/SJ
Sample : G4729-07
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : W-31

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG120215.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
unknown5.18	5.18	5.5	ng	39572	1	8.10	145228	20.0
unknown8.86	8.86	22.3	ng	161556	1	8.10	145228	20.0
Hexanoic acid, 2-...	9.42	6.0	ng	43524	1	8.10	145228	20.0
unknown9.55	9.55	27.8	ng	293310	2	10.92	211232	20.0
unknown9.68	9.68	15.1	ng	159176	2	10.92	211232	20.0
unknown9.84	9.84	4.8	ng	50788	2	10.92	211232	20.0
Benzene, 1-methyl...	10.31	7.2	ng	75941	2	10.92	211232	20.0
2-Propanol, 1,1'-...	11.44	4.9	ng	52109	2	10.92	211232	20.0
2,4-Diethyl-6-met...	11.50	5.4	ng	56793	2	10.92	211232	20.0
unknown15.30	15.30	7.7	ng	137273	3	14.73	358020	20.0
Naphthalene, 5-et...	15.59	12.7	ng	226382	3	14.73	358020	20.0
1H-Indene, 2,3-di...	15.65	5.7	ng	101246	3	14.73	358020	20.0
2(3H)-Benzothiazo...	16.41	8.3	ng	197626	4	17.47	473605	20.0
n-Hexadecanoic acid	18.35	8.2	ng	194717	4	17.47	473605	20.0
Octadecanoic acid	19.61	6.3	ng	154788	5	21.75	488301	20.0
Heptacosane, 1-ch...	22.89	8.3	ng	201362	5	21.75	488301	20.0