LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061920\
Data File : BG045815.D
Acq On : 19 Jun 2020 14:45
Operator : CG/JU
Sample : L3033-06
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : KY032MW006-200616

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:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061520.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	3.153	4	11	20	rVB	823684	1757930	5.10%	0.475%
2	3.294	21	35	42	rBV3	293330	941405	2.73%	0.254%
3	3.400	42	53	79	rVB	6198533	16979836	49.28%	4.587%
4	3.711	83	106	118	rBV	6796158	14395424	41.78%	3.889%
5	3.828	118	126	136	rBV2	767205	2082699	6.05%	0.563%
6	3.946	136	146	157	rBV	2517878	5765203	16.73%	1.558%
7	4.110	163	174	187	rVB	13125947	32139641	93.29%	8.683%
8	4.586	253	255	257	rVB2	523048	366294	1.06%	0.099%
9	5.056	326	335	354	rBV2	1437388	5011749	14.55%	1.354%
10	5.356	377	386	392	rBV6	428177	1316622	3.82%	0.356%
11	5.426	393	398	403	rVB3	700015	1615650	4.69%	0.436%
12	5.497	404	410	415	rBV	514538	871119	2.53%	0.235%
13	5.555	415	420	430	rVB	872564	1922524	5.58%	0.519%
14	5.708	430	446	450	rBV3	204533	676603	1.96%	0.183%
15	5.849	459	470	477	rVV2	2828513	8415057	24.42%	2.273%
16	5.926	477	483	487	rVV	305094	715264	2.08%	0.193%
17	5.973	487	491	497	rVB	435556	784828	2.28%	0.212%
18	6.583	571	595	600	rBV6	386535	1632935	4.74%	0.441%
19	6.865	638	643	659	rVB4	445307	1383515	4.02%	0.374%
20	7.206	684	701	706	rBV2	1662279	4121895	11.96%	1.114%
21	7.359	719	727	732	rBV	2234355	4149886	12.05%	1.121%
22	7.805	801	803	805	rVB	1256256	896550	2.60%	0.242%
23	7.905	814	820	825	rBV2	659771	1254389	3.64%	0.339%
24	7.958	825	829	835	rVB	779555	1307409	3.79%	0.353%
25	8.058	835	846	854	rBV2	670683	1707288	4.96%	0.461%
26	8.281	870	884	890	rBV2	3433857	9556562	27.74%	2.582%
27	8.446	903	912	916	rVB2	4264821	9777031	28.38%	2.641%
28	8.510	916	923	926	rVB	483728	1034936	3.00%	0.280%
29	8.604	927	939	942	rBV2	287327	660382	1.92%	0.178%
30	8.845	959	980	984	rBV2	8216632	34452731	100.00%	9.308%
31	8.910	985	991	1000	rBV3	510921	1499401	4.35%	0.405%
32	9.098	1015	1023	1029	rBV	1159038	2471079	7.17%	0.668%
33	9.221	1035	1044	1049	rBV	1443834	3533940	10.26%	0.955%
34	9.386	1061	1072	1081	rBV	1170070	2348056	6.82%	0.634%

LSC Area Percent Report

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Data File : BG045815.D
Acq On : 19 Jun 2020 14:45
Operator : CG/JU
Sample : L3033-06
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : KY032MW006-200616

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:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061520.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	9.767	1092	1137	1144	rBV	3426636	19061718	55.33%	5.150%
36	9.920	1156	1163	1165	rBV2	816711	1546037	4.49%	0.418%
37	10.032	1169	1182	1187	rVB	5660509	17573711	51.01%	4.748%
38	10.132	1195	1199	1201	rBV3	540284	760289	2.21%	0.205%
39	10.184	1201	1208	1212	rBV4	2576632	6472960	18.79%	1.749%
40	10.296	1219	1227	1230	rBV2	2269478	6568739	19.07%	1.775%
41	10.461	1246	1255	1260	rBV	3056071	7100378	20.61%	1.918%
42	10.719	1288	1299	1305	rBV	5166913	13053875	37.89%	3.527%
43	10.866	1317	1324	1330	rVB2	813990	1594709	4.63%	0.431%
44	10.931	1330	1335	1337	rBV2	277571	459561	1.33%	0.124%
45	11.071	1350	1359	1363	rVB2	296160	645513	1.87%	0.174%
46	11.160	1367	1374	1382	rBV2	1511077	3150634	9.14%	0.851%
47	11.242	1382	1388	1396	rBV2	507375	1171934	3.40%	0.317%
48	11.336	1398	1404	1412	rVV	1304497	2756813	8.00%	0.745%
49	11.412	1412	1417	1424	rVB3	1319350	2441357	7.09%	0.660%
50	11.518	1429	1435	1439	rBV4	250035	533579	1.55%	0.144%
51	11.665	1448	1460	1466	rBV2	5795889	14364204	41.69%	3.881%
52	11.812	1476	1485	1491	rBV6	783853	2782398	8.08%	0.752%
53	11.876	1491	1496	1501	rVV2	1304744	2594724	7.53%	0.701%
54	11.941	1501	1507	1514	rVB2	1434138	2949593	8.56%	0.797%
55	12.100	1527	1534	1538	rBV	2816784	4712232	13.68%	1.273%
56	12.217	1549	1554	1559	rBV6	254889	487261	1.41%	0.132%
57	12.358	1571	1578	1581	rVB3	231709	432424	1.26%	0.117%
58	12.399	1581	1585	1591	rVB3	532527	938586	2.72%	0.254%
59	12.475	1591	1598	1601	rBV	1417753	2891872	8.39%	0.781%
60	12.552	1607	1611	1615	rBV	744911	1038645	3.01%	0.281%
61	12.740	1635	1643	1646	rBV	337302	581673	1.69%	0.157%
62	12.781	1646	1650	1652	rBV	291196	428850	1.24%	0.116%
63	12.816	1653	1656	1661	rVB4	259139	393461	1.14%	0.106%
64	12.945	1673	1678	1681	rBV3	371344	635521	1.84%	0.172%
65	13.086	1682	1702	1706	rVV2	1512356	7368458	21.39%	1.991%
66	13.198	1706	1721	1727	rVB	1755047	4327535	12.56%	1.169%
67	13.263	1727	1732	1740	rBV4	683862	1599418	4.64%	0.432%
68	13.339	1740	1745	1749	rVV	900263	1407784	4.09%	0.380%
69	13.427	1753	1760	1766	rVB	1712650	3056771	8.87%	0.826%
70	13.562	1778	1783	1788	rBV2	304087	490452	1.42%	0.133%
71	13.721	1802	1810	1814	rBV10	116878	366371	1.06%	0.099%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061920\
Data File : BG045815.D
Acq On : 19 Jun 2020 14:45
Operator : CG/JU
Sample : L3033-06
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : KY032MW006-200616

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:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061520.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	13.821	1821	1827	1829	rBV2	783069	1267227	3.68%	0.342%
73	14.032	1858	1863	1867	rBV2	204520	361172	1.05%	0.098%
74	14.479	1932	1939	1944	rBV6	835581	1540521	4.47%	0.416%
75	14.543	1945	1950	1953	rBV2	366046	637492	1.85%	0.172%
76	14.614	1959	1962	1970	rVB4	291283	555850	1.61%	0.150%
77	14.966	2014	2022	2025	rBV4	500690	1258532	3.65%	0.340%
78	15.013	2027	2030	2036	rVB3	529802	957066	2.78%	0.259%
79	15.125	2044	2049	2058	rVB4	458755	864304	2.51%	0.234%
80	15.313	2073	2081	2083	rVV7	155044	440980	1.28%	0.119%
81	15.436	2087	2102	2112	rVB2	2044457	7602895	22.07%	2.054%
82	15.607	2126	2131	2140	rVB	2626333	4000187	11.61%	1.081%
83	15.730	2147	2152	2160	rVV	966536	1454769	4.22%	0.393%
84	15.812	2161	2166	2170	rVV	434723	630663	1.83%	0.170%
85	15.859	2170	2174	2182	rVB5	205105	396702	1.15%	0.107%
86	16.076	2205	2211	2214	rBV	1424155	2433042	7.06%	0.657%
87	16.135	2214	2221	2229	rVB	2931450	6014101	17.46%	1.625%
88	16.317	2246	2252	2262	rBV	313725	720394	2.09%	0.195%
89	16.435	2268	2272	2277	rVB	312428	441167	1.28%	0.119%
90	16.635	2291	2306	2314	rVB3	2172118	5037683	14.62%	1.361%
91	16.905	2348	2352	2358	rBV6	172711	378937	1.10%	0.102%
92	17.298	2411	2419	2428	rBV2	1400178	3355284	9.74%	0.906%
93	17.381	2428	2433	2443	rVB	837969	1317085	3.82%	0.356%
94	18.250	2574	2581	2591	rBV	1540629	2798135	8.12%	0.756%
95	19.425	2776	2781	2790	rVV	1456041	2258434	6.56%	0.610%
96	19.507	2791	2795	2804	rVB2	275295	461230	1.34%	0.125%
97	19.771	2835	2840	2849	rBV	899655	1265060	3.67%	0.342%
98	19.936	2862	2868	2879	rVB	2823100	3786673	10.99%	1.023%
99	21.575	3142	3147	3153	rVB	489200	763055	2.21%	0.206%
100	24.700	3671	3679	3692	rVB	312172	865806	2.51%	0.234%

Sum of corrected areas: 370150319

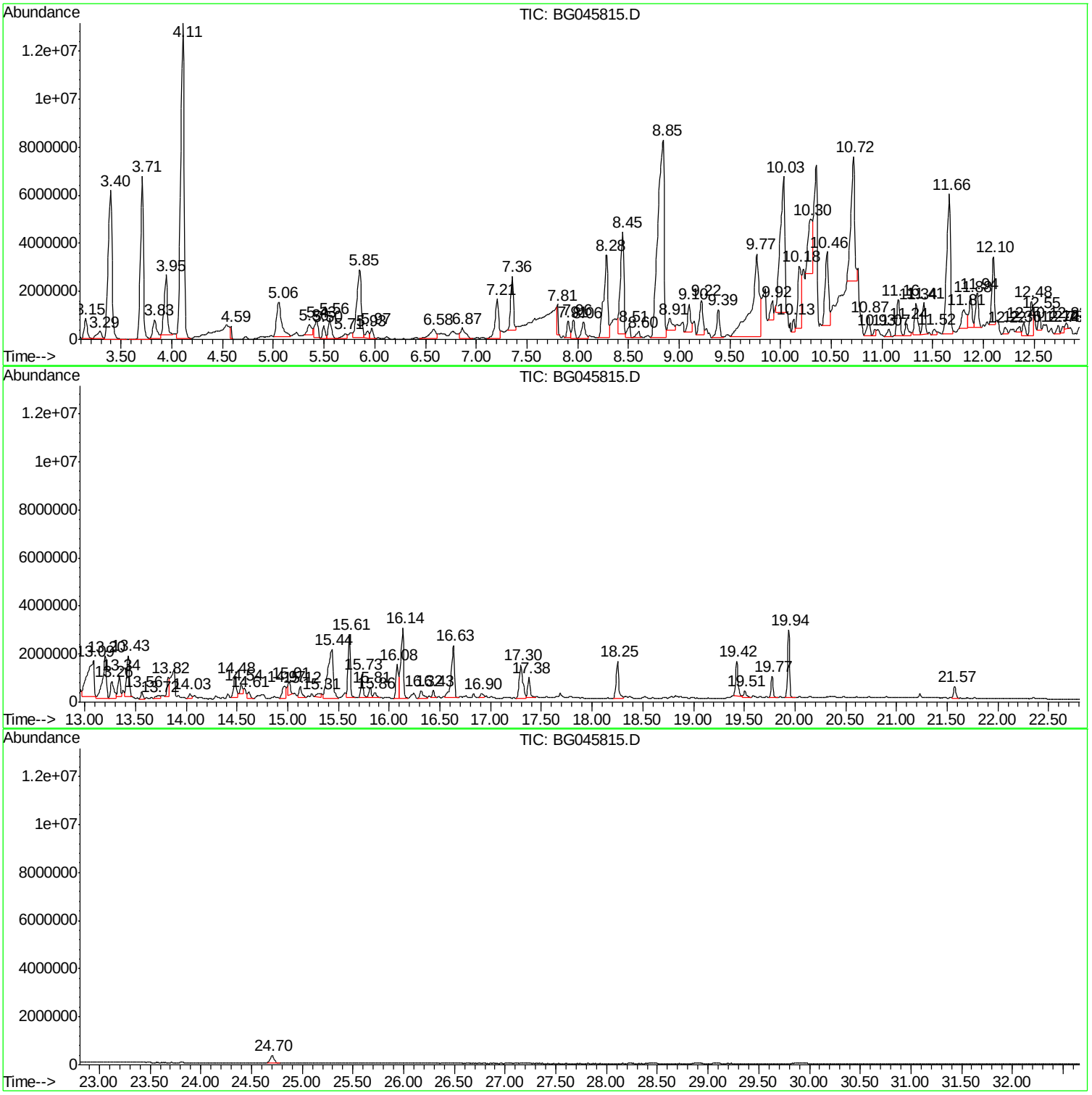
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061920\
Data File : BG045815.D
Acq On : 19 Jun 2020 14:45
Operator : CG/JU
Sample : L3033-06
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
KY032MW006-200616

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061920\
Data File : BG045815.D
Acq On : 19 Jun 2020 14:45
Operator : CG/JU
Sample : L3033-06
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : KY032MW006-200616

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

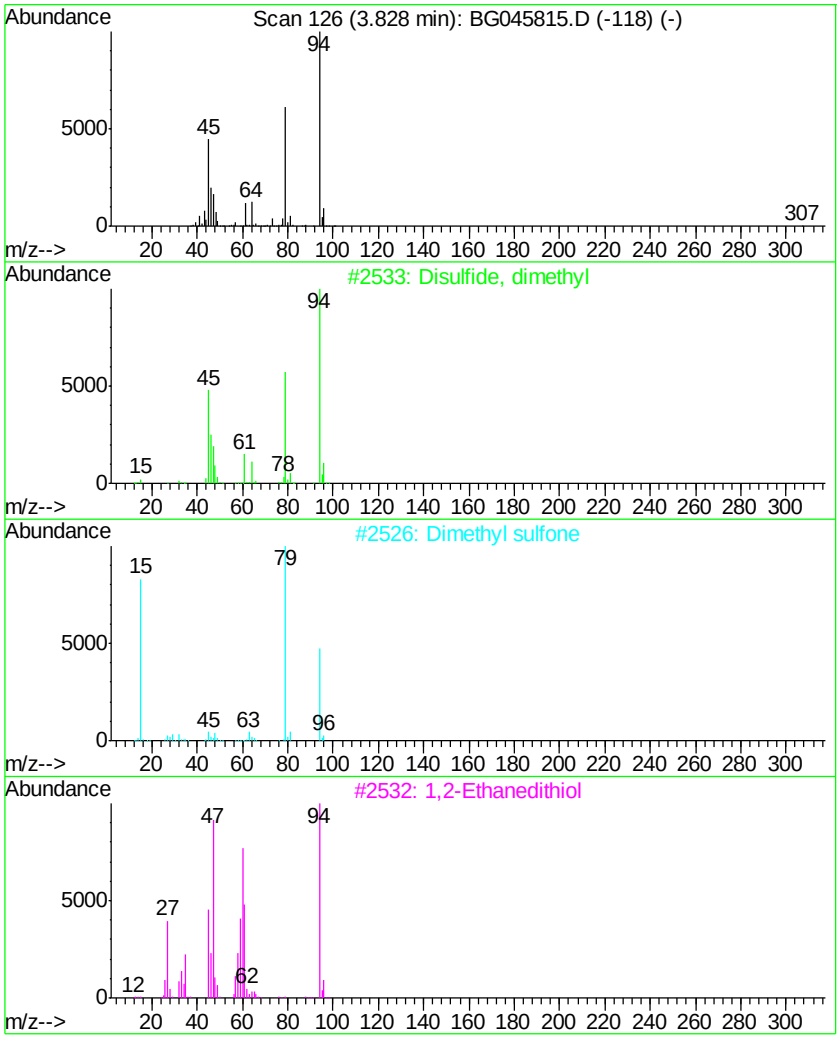
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

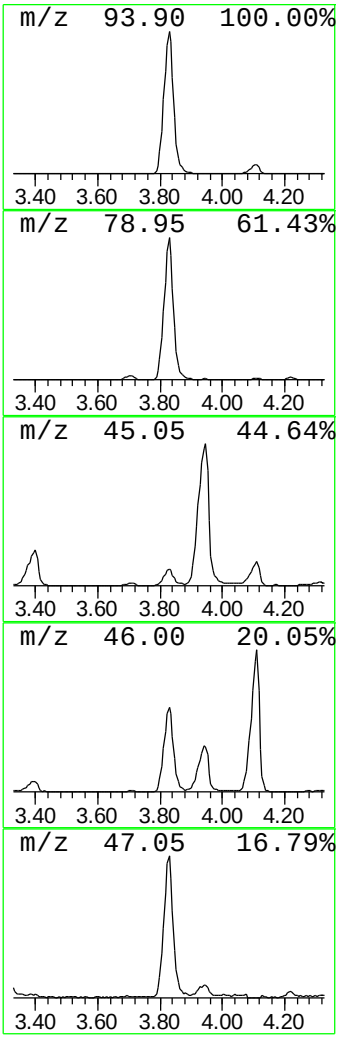
****

Peak Number 2 Disulfide, dimethyl Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.83	33.21 ng	2082700	1,4-Dichlorobenzene-d4	7.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Disulfide, dimethyl	94	C2H6S2	000624-92-0	97
2	Dimethyl sulfone	94	C2H6O2S	000067-71-0	46
3	1,2-Ethanedithiol	94	C2H6S2	000540-63-6	43
4	Ethyne, dichloro-	94	C2Cl2	007572-29-4	9
5	Carbonic acid, heptyl phenyl ester	236	C14H20O3	1000314-57-1	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061920\
Data File : BG045815.D
Acq On : 19 Jun 2020 14:45
Operator : CG/JU
Sample : L3033-06
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : KY032MW006-200616

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

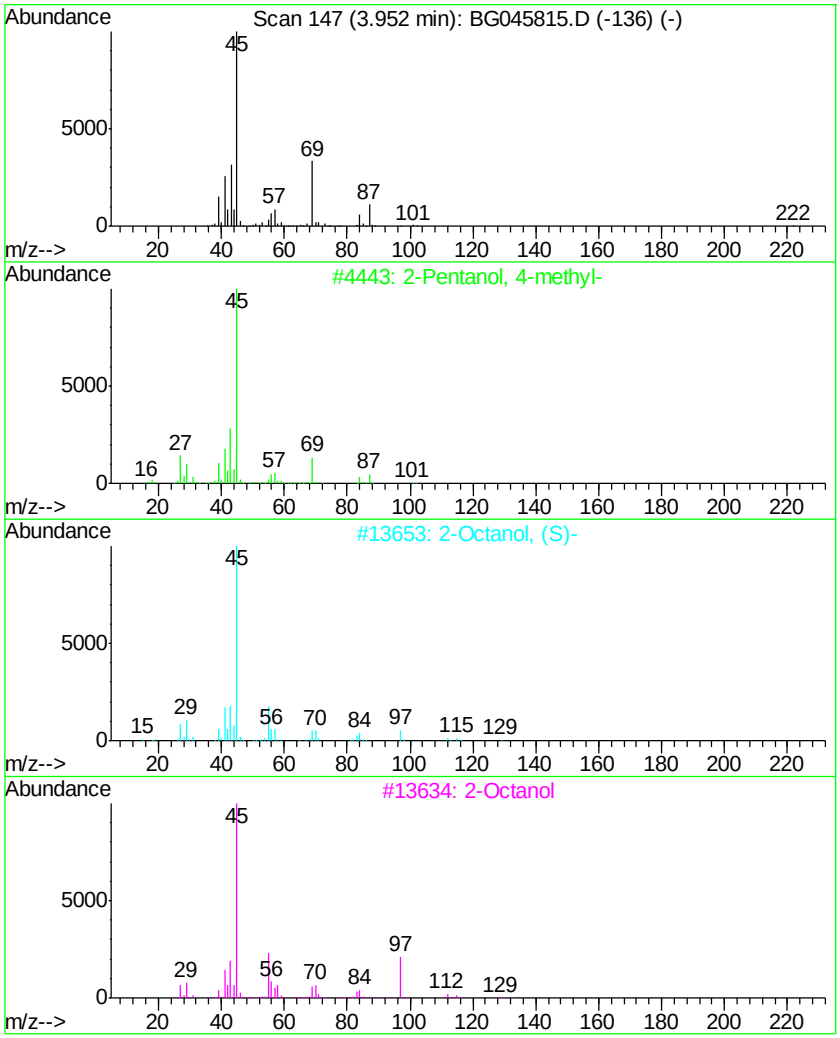
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

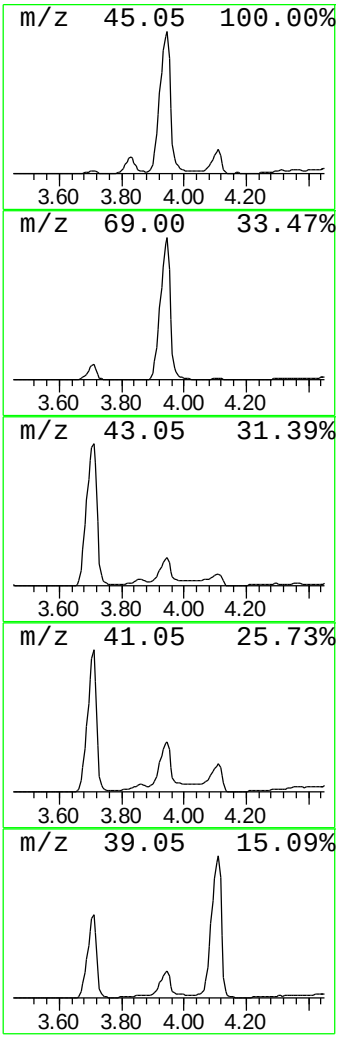
****

Peak Number 3 2-Pentanol, 4-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.95	91.92 ng	5765200	1,4-Dichlorobenzene-d4	7.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanol, 4-methyl-	102	C6H14O	000108-11-2	83
2	2-Octanol, (S)-	130	C8H18O	006169-06-8	72
3	2-Octanol	130	C8H18O	000123-96-6	72
4	2-Octanol, (R)-	130	C8H18O	005978-70-1	72
5	2-Hexanol	102	C6H14O	000626-93-7	64





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061920\
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Instrument : BNA_G
ClientSampleId : KY032MW006-200616

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
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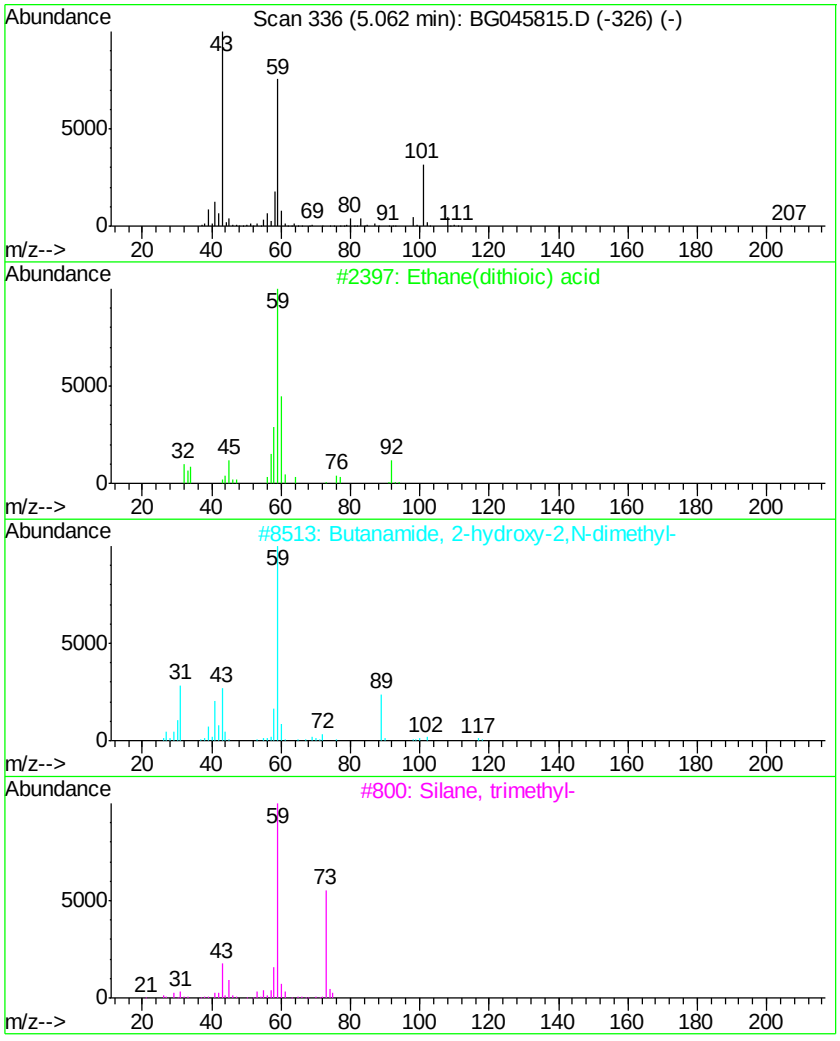
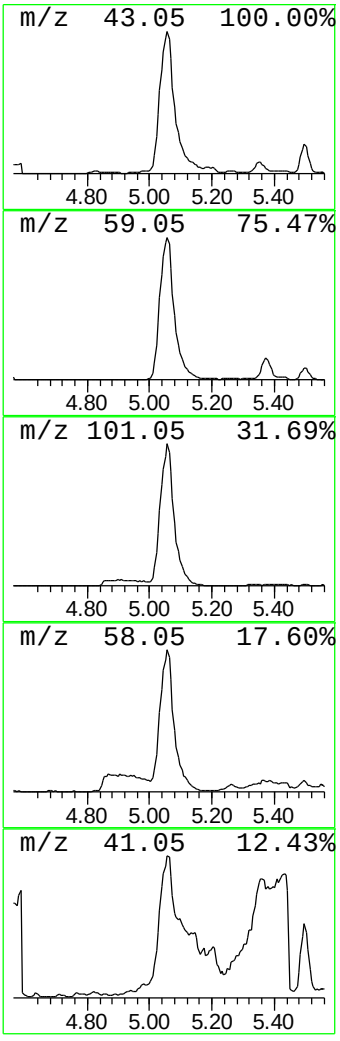
****

Peak Number 5 unknown5.06 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.06	79.91 ng	5011750	1,4-Dichlorobenzene-d4	7.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethane(dithioic) acid	92	C2H4S2	000594-03-6	28
2	Butanamide, 2-hydroxy-2,N-dimethyl-	117	C5H11NO2	039961-72-3	28
3	Silane, trimethyl-	74	C3H10Si	000993-07-7	28
4	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	10
5	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061920\
Data File : BG045815.D
Acq On : 19 Jun 2020 14:45
Operator : CG/JU
Sample : L3033-06
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : KY032MW006-200616

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

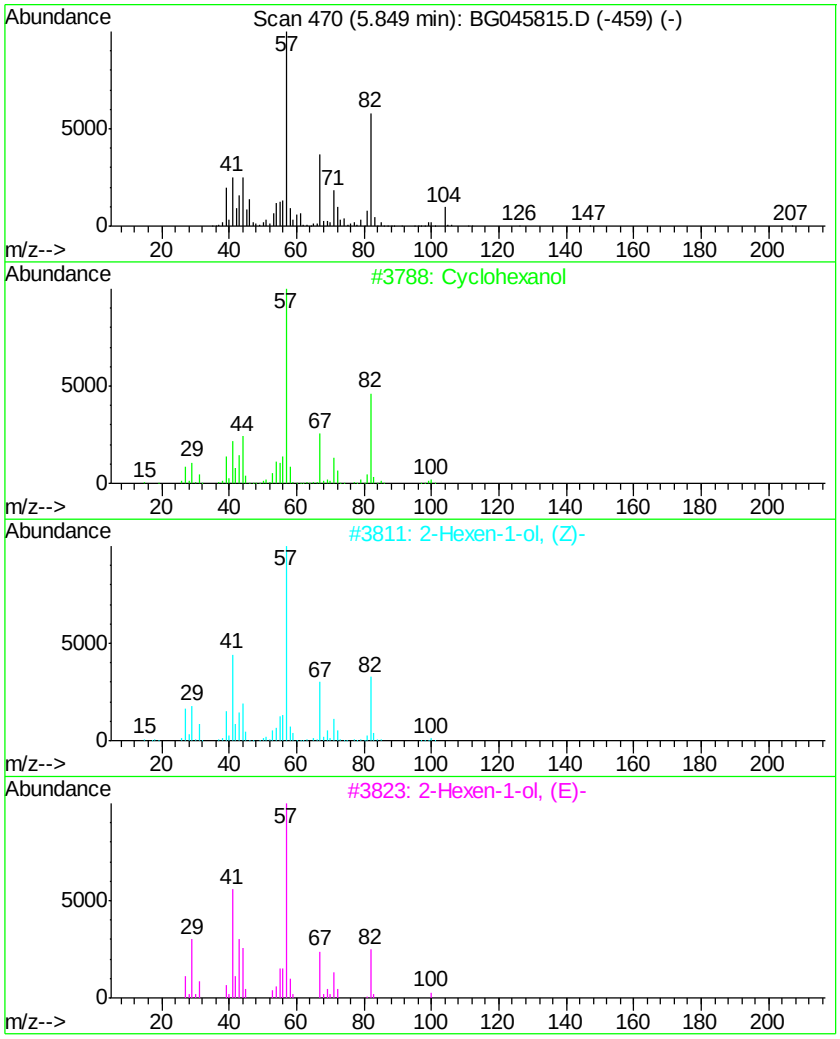
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

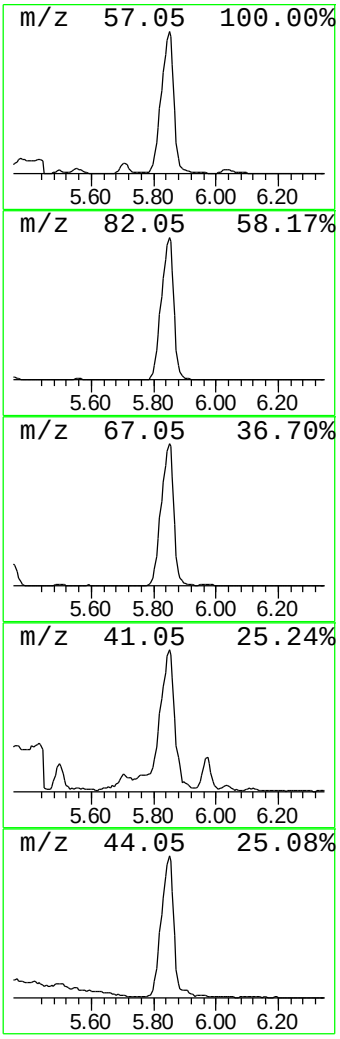
****

Peak Number 6 Cyclohexanol Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.85	134.17 ng	8415060	1,4-Dichlorobenzene-d4	7.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexanol	100	C6H12O	000108-93-0	95
2	2-Hexen-1-ol, (Z)-	100	C6H12O	000928-94-9	58
3	2-Hexen-1-ol, (E)-	100	C6H12O	000928-95-0	47
4	Cyclopentanol, 2-methyl-	100	C6H12O	024070-77-7	40
5	Cyclopentanol, 2-methyl-, cis-	100	C6H12O	025144-05-2	38





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061920\
Data File : BG045815.D
Acq On : 19 Jun 2020 14:45
Operator : CG/JU
Sample : L3033-06
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : KY032MW006-200616

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

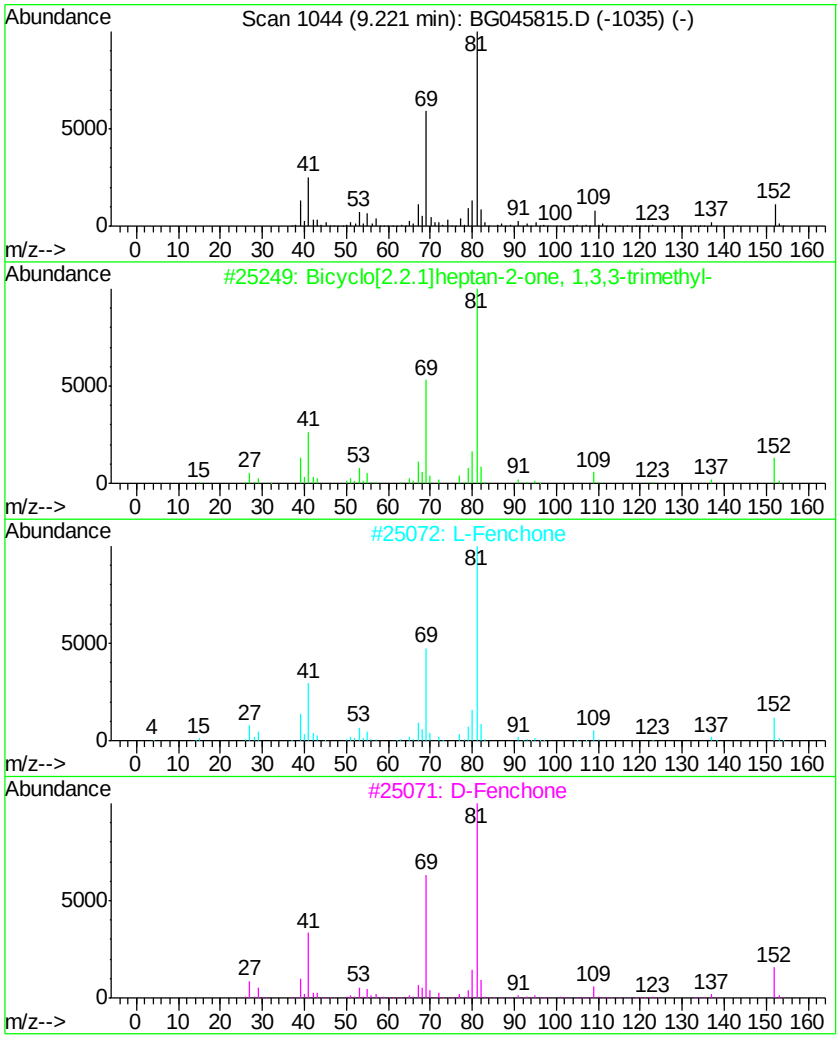
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

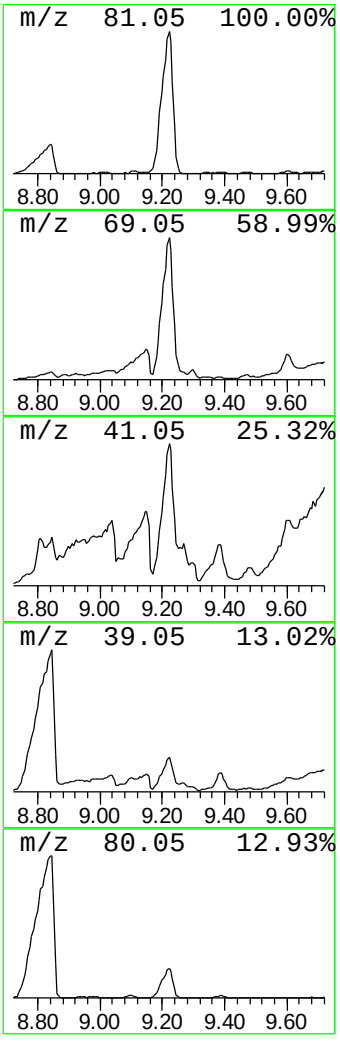
****

Peak Number 7 Bicyclo[2.2.1]heptan-2-one,... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.22	56.35 ng	3533940	1,4-Dichlorobenzene-d4	7.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[2.2.1]heptan-2-one, 1,3,...	152	C10H16O	001195-79-5	95
2	L-Fenchone	152	C10H16O	007787-20-4	94
3	D-Fenchone	152	C10H16O	004695-62-9	90
4	2,4-Nonadienal, (E,E)-	138	C9H14O	005910-87-2	53
5	2,4-Decadienal, (E,E)-	152	C10H16O	025152-84-5	45





Library Search Compound Report

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Acq On : 19 Jun 2020 14:45
Operator : CG/JU
Sample : L3033-06
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : KY032MW006-200616

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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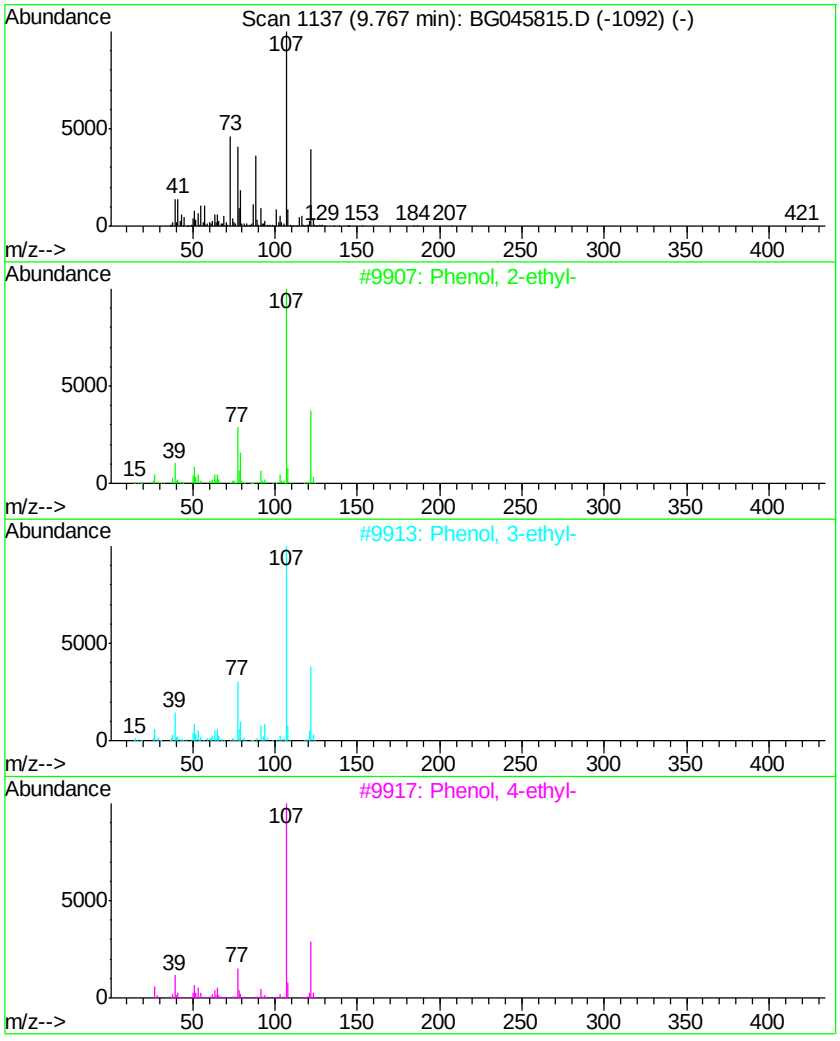
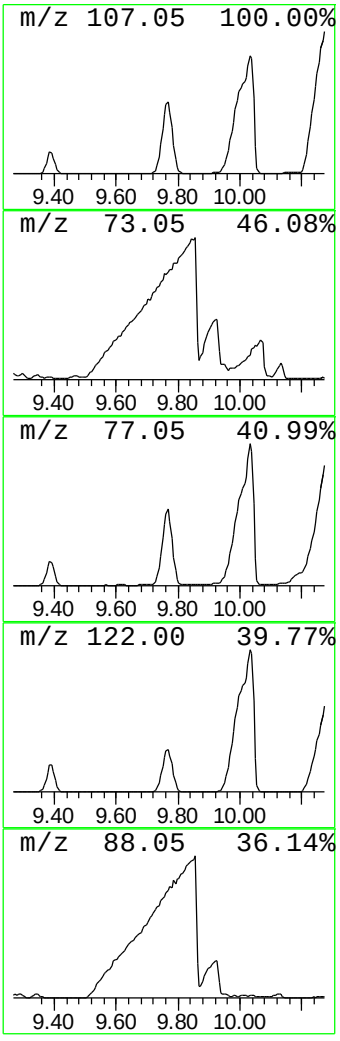
Peak Number 8 Phenol, 2-ethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.77	29.20 ng	19061700	Naphthalene-d8	10.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2-ethyl-	122	C8H10O	000090-00-6	95
2	Phenol, 3-ethyl-	122	C8H10O	000620-17-7	72
3	Phenol, 4-ethyl-	122	C8H10O	000123-07-9	64
4	Benzenemethanol, .alpha.-methyl-	122	C8H10O	000098-85-1	64
5	Phenol, 2,3-dimethyl-	122	C8H10O	000526-75-0	59





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Sample : L3033-06
Misc :
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Instrument : BNA_G
ClientSampleId : KY032MW006-200616

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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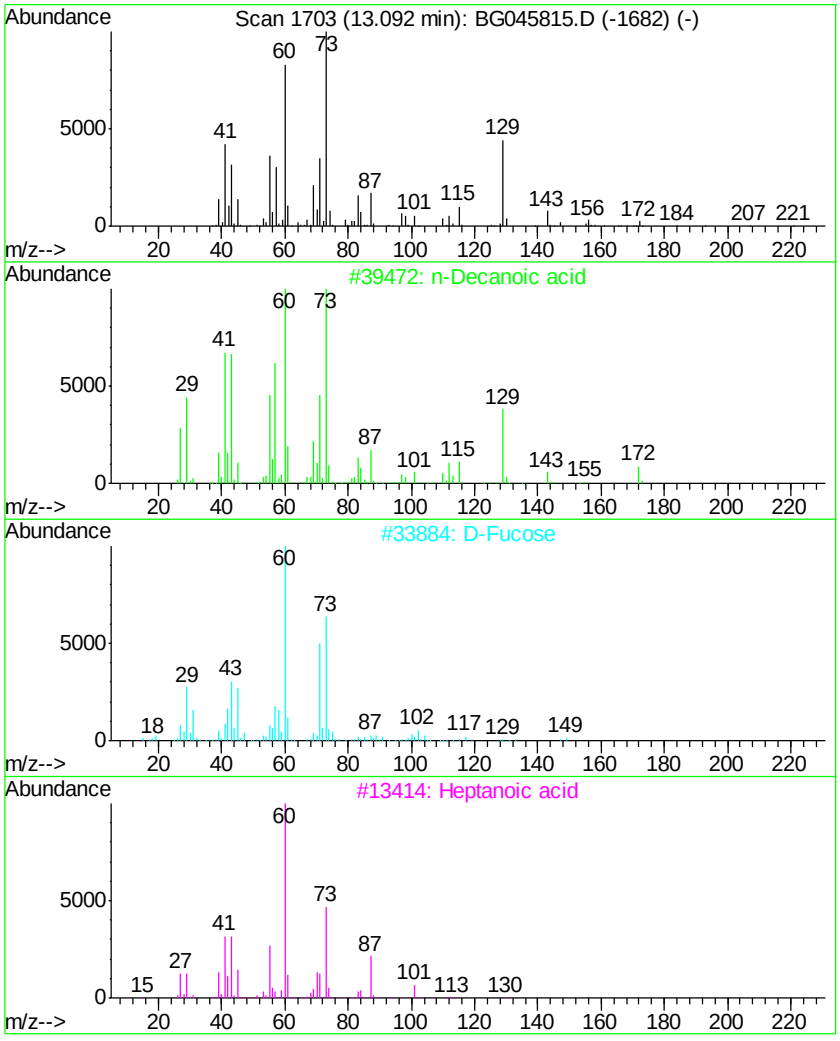
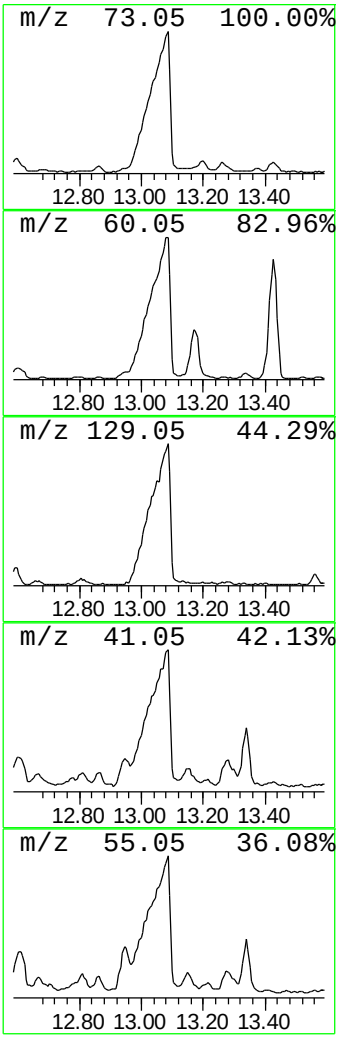
Peak Number 9 n-Decanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.09	231.17 ng	7368460	Acenaphthene-d10	14.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Decanoic acid	172	C10H20O2	000334-48-5	91
2	D-Fucose	164	C6H12O5	003615-37-0	50
3	Heptanoic acid	130	C7H14O2	000111-14-8	50
4	Hexanoic acid	116	C6H12O2	000142-62-1	49
5	Pentanoic acid	102	C5H10O2	000109-52-4	43





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ClientSampleId : KY032MW006-200616

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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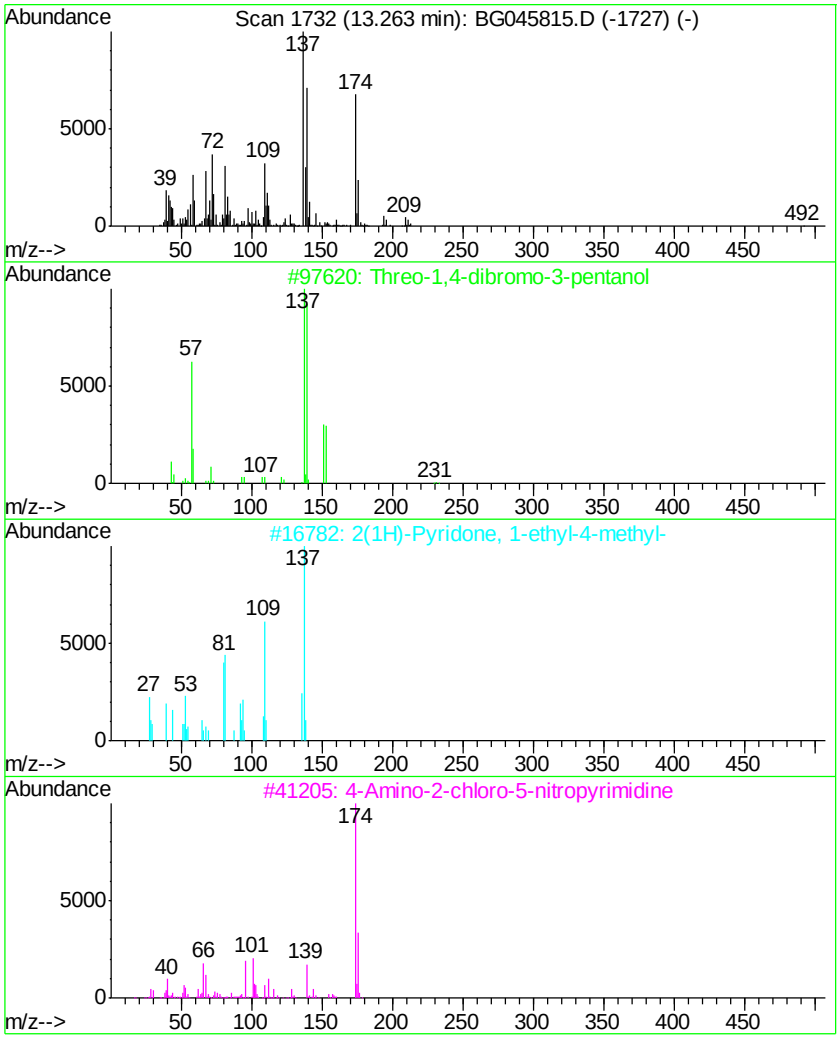
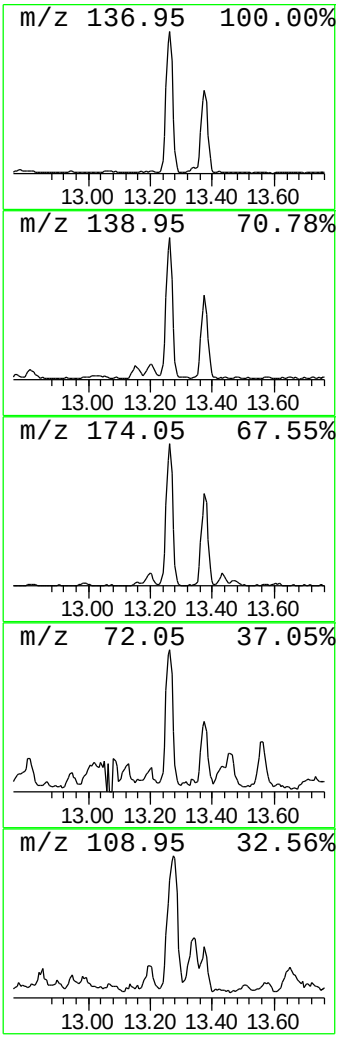
Peak Number 10 unknown13.26 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.26	50.18 ng	1599420	Acenaphthene-d10	14.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Threo-1,4-dibromo-3-pentanol	244	C5H10Br2O	159475-15-7	25
2	2(1H)-Pyridone, 1-ethyl-4-methyl-	137	C8H11NO	019006-62-3	16
3	4-Amino-2-chloro-5-nitropyrimidine	174	C4H3ClN4O2	001920-66-7	14
4	Propenoic acid, 3-(2-thienyl)-, ...	309	C13H8ClNO4S	1000272-11-7	12
5	Acetic acid, [3-hydroxy-4-(1-oxo...	208	C11H12O4	091143-73-6	12





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Sample : L3033-06
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : KY032MW006-200616

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
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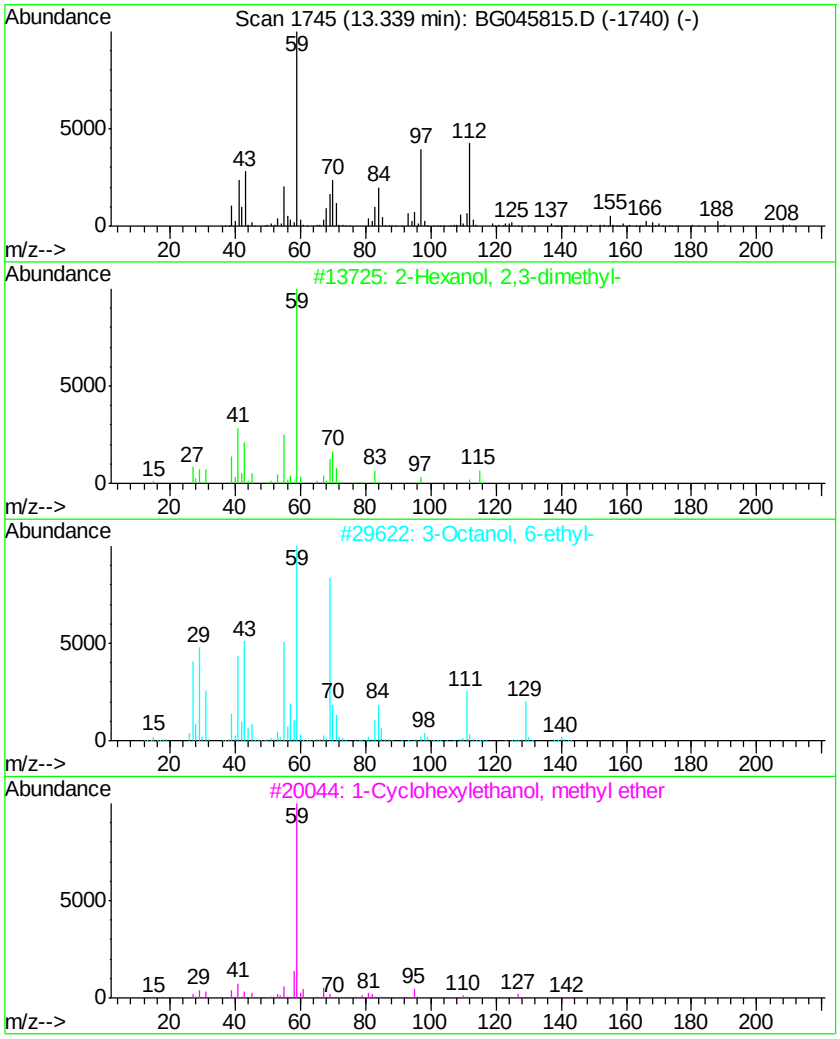
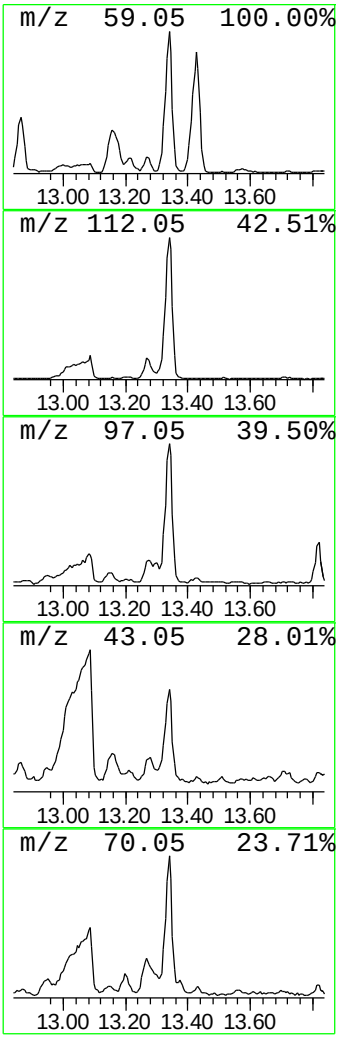
Peak Number 11 unknown13.34 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.34	44.17 ng	1407780	Acenaphthene-d10	14.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Hexanol, 2,3-dimethyl-	130	C8H18O	019550-03-9	27
2	3-Octanol, 6-ethyl-	158	C10H22O	019781-27-2	25
3	1-Cyclohexylethanol, methyl ether	142	C9H18O	1000365-12-8	22
4	7-Octen-2-ol, 2,6-dimethyl-	156	C10H20O	018479-58-8	22
5	2,11-Dimethyl-2,11-dodecanediol	230	C14H30O2	022092-59-7	17





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Misc :
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Instrument : BNA_G
ClientSampleId : KY032MW006-200616

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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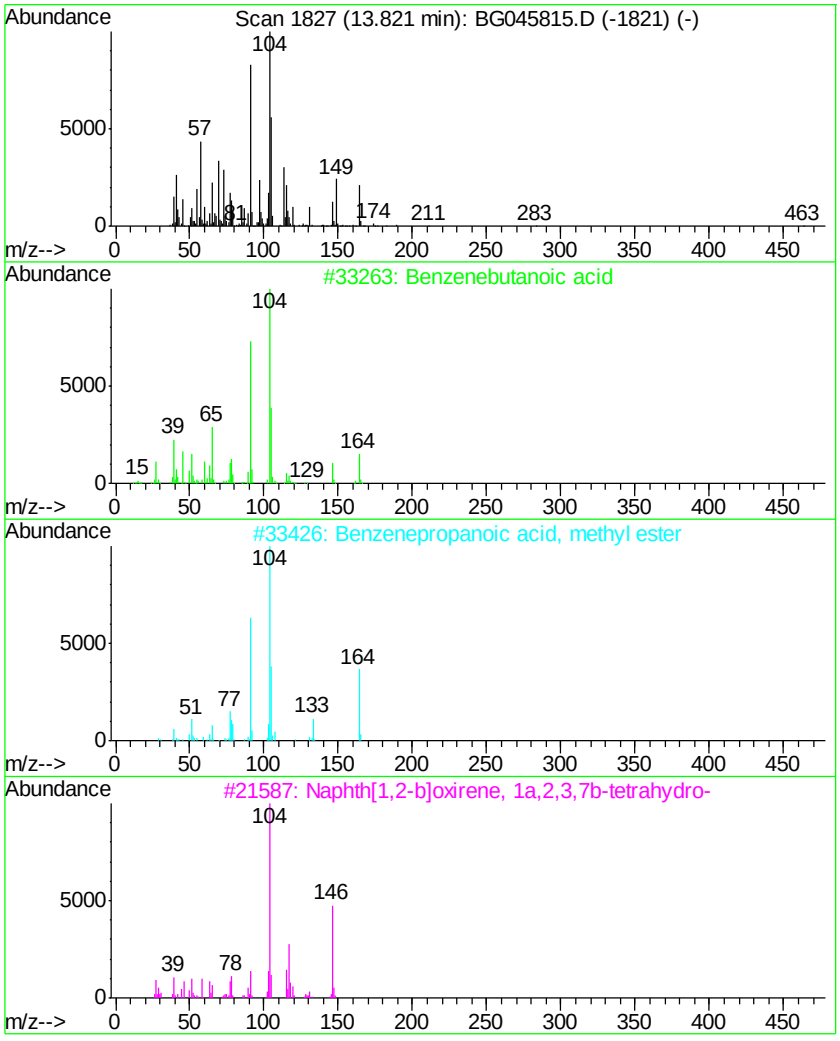
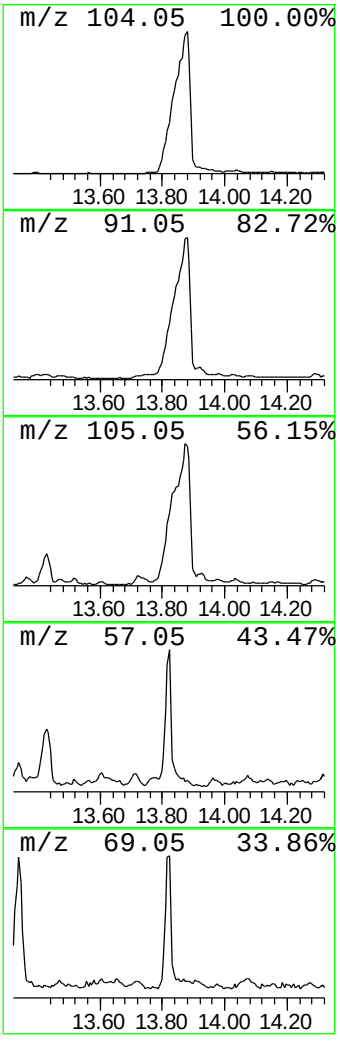
Peak Number 12 unknown13.82 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.82	39.76 ng	1267230	Acenaphthene-d10	14.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenebutanoic acid	164	C10H12O2	001821-12-1	46
2	Benzenepropanoic acid, methyl ester	164	C10H12O2	000103-25-3	41
3	Naphth[1,2-b]oxirene, 1a,2,3,7b-...	146	C10H10O	002461-34-9	35
4	Glutaric acid, hexyl 2-methylben...	320	C19H28O4	1000371-32-8	35
5	o-Toluic acid, 2-phenylethyl ester	240	C16H16O2	1000293-42-6	30





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Sample : L3033-06
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Instrument : BNA_G
ClientSampleId : KY032MW006-200616

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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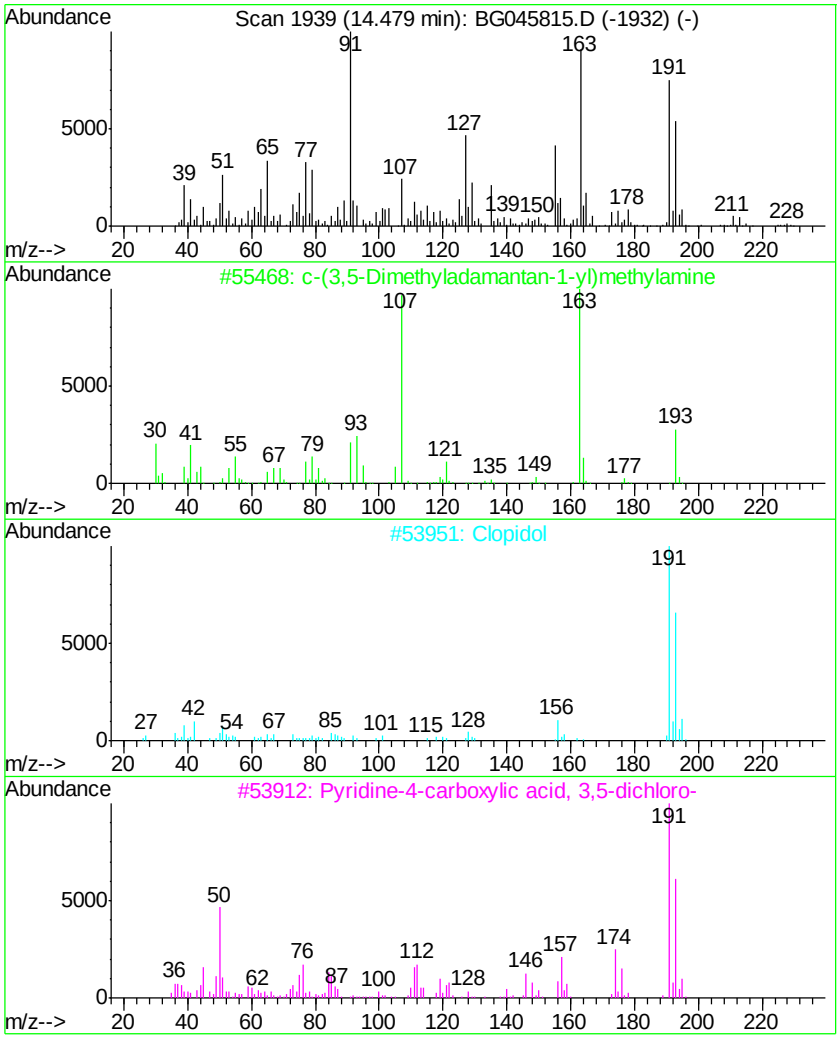
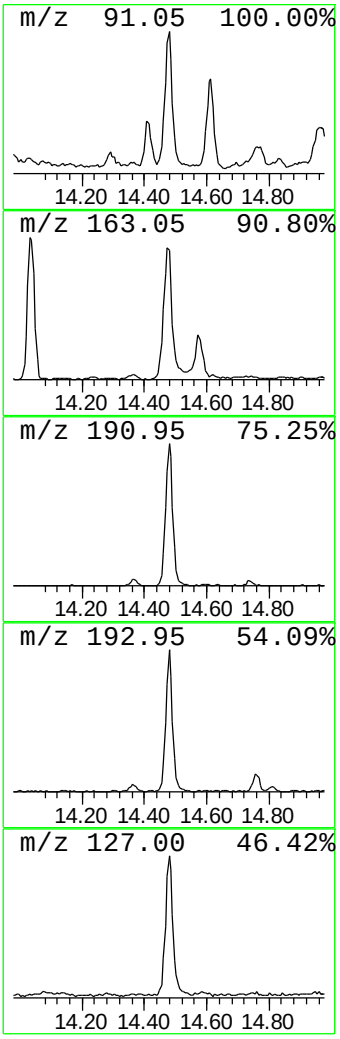
Peak Number 13 unknown14.48 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.48	48.33 ng	1540520	Acenaphthene-d10	14.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	c-(3,5-Dimethyladamantan-1-yl)me...	193	C13H23N	1000302-67-7	38
2	Clopidol	191	C7H7Cl2NO	002971-90-6	38
3	Pyridine-4-carboxylic acid, 3,5-...	191	C6H3Cl2NO2	013958-93-5	38
4	4-Pyridinecarboxylic acid, 2,6-d...	191	C6H3Cl2NO2	005398-44-7	30
5	7-Hydroxy-2,5,8-quinoline trione	191	C9H5NO4	015544-54-4	25





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Sample : L3033-06
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : KY032MW006-200616

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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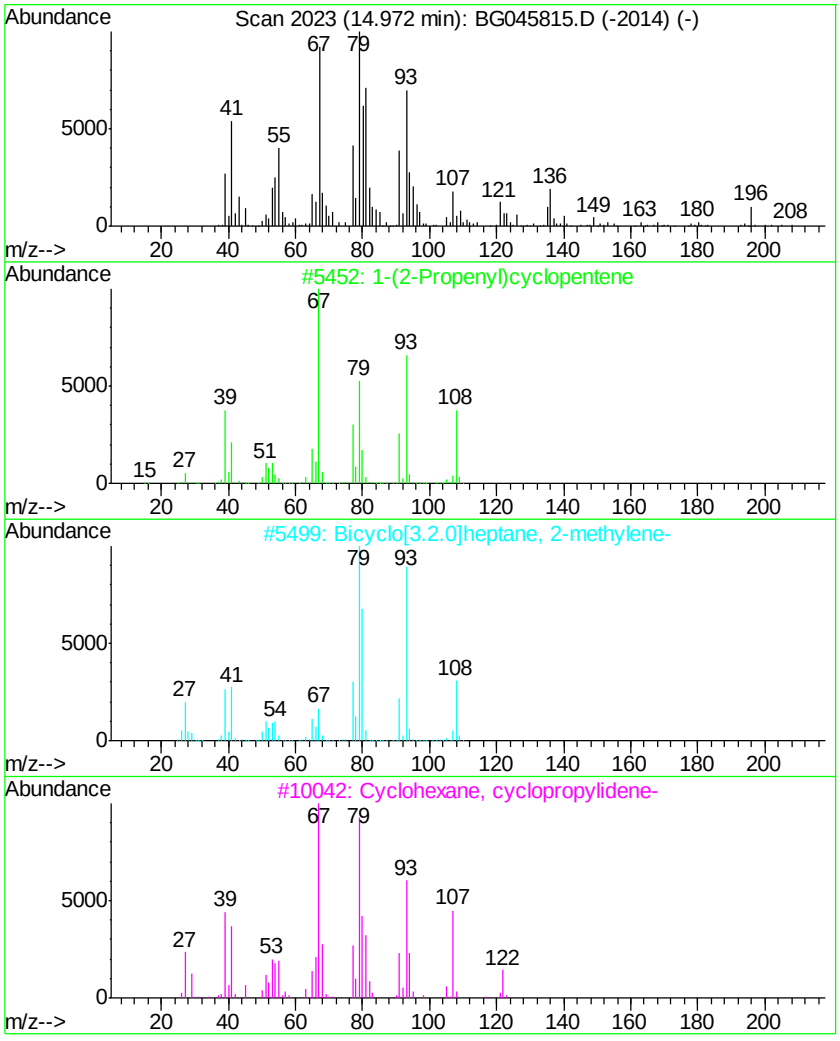
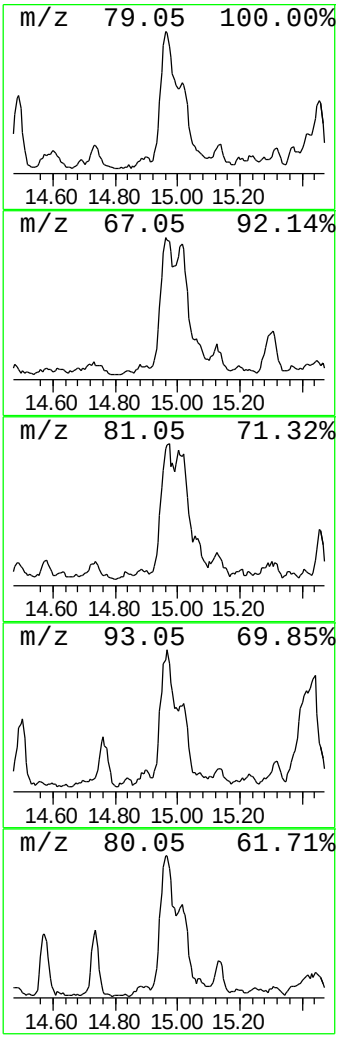
Peak Number 14 1-(2-Propenyl)cyclopentene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.97	39.48 ng	1258530	Acenaphthene-d10	14.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-(2-Propenyl)cyclopentene	108	C8H12	037689-19-3	58
2	Bicyclo[3.2.0]heptane, 2-methylene-	108	C8H12	089243-94-7	49
3	Cyclohexane, cyclopropylidene-	122	C9H14	014114-06-8	49
4	1-Methylene-2-vinylcyclopentane	108	C8H12	006196-78-7	46
5	Dispiro[2.0.2.2]octane	108	C8H12	021426-37-9	45





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Misc :
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Instrument : BNA_G
ClientSampleId : KY032MW006-200616

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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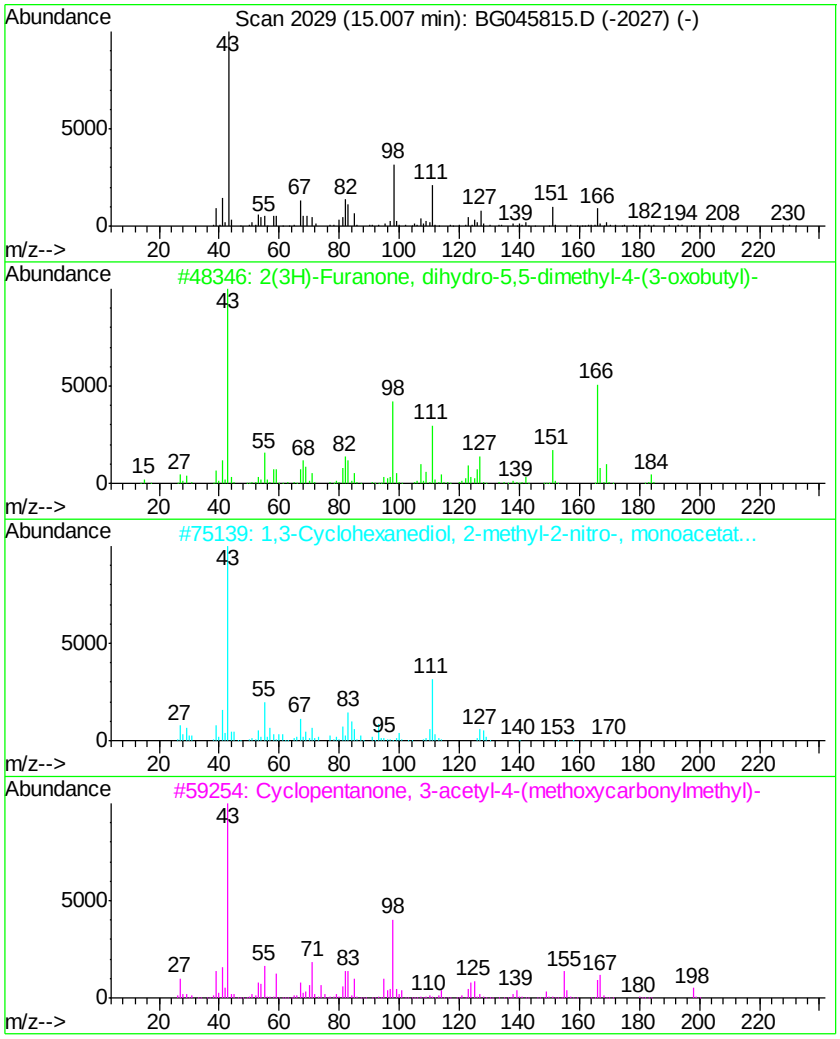
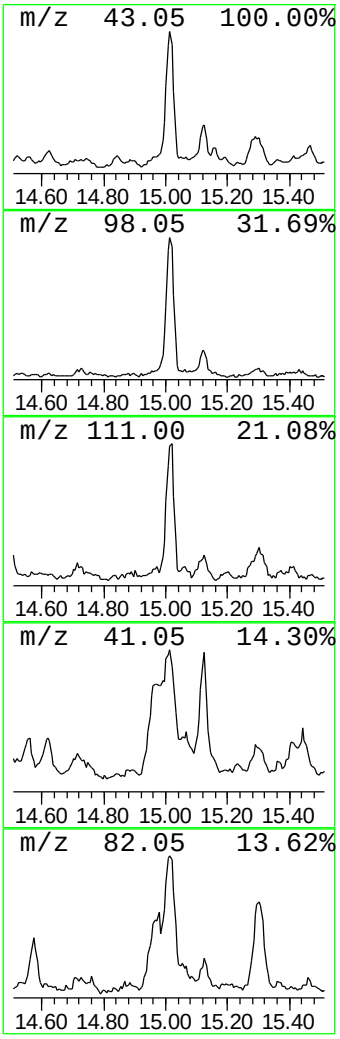
Peak Number 15 2(3H)-Furanone, dihydro-5,5... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.01	30.03 ng	957066	Acenaphthene-d10	14.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2(3H)-Furanone, dihydro-5,5-dime...	184	C10H16O3	004436-81-1	72
2	1,3-Cyclohexanediol, 2-methyl-2-...	217	C9H15NO5	114454-84-1	14
3	Cyclopentanone, 3-acetyl-4-(meth...	198	C10H14O4	1000155-05-8	12
4	3-Buten-2-one, 4-(1-aziridinyl)-	111	C6H9NO	018277-57-1	10
5	5,9-Undecadien-2-one, 6,10-dimet...	194	C13H22O	003879-26-3	9





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Instrument : BNA_G
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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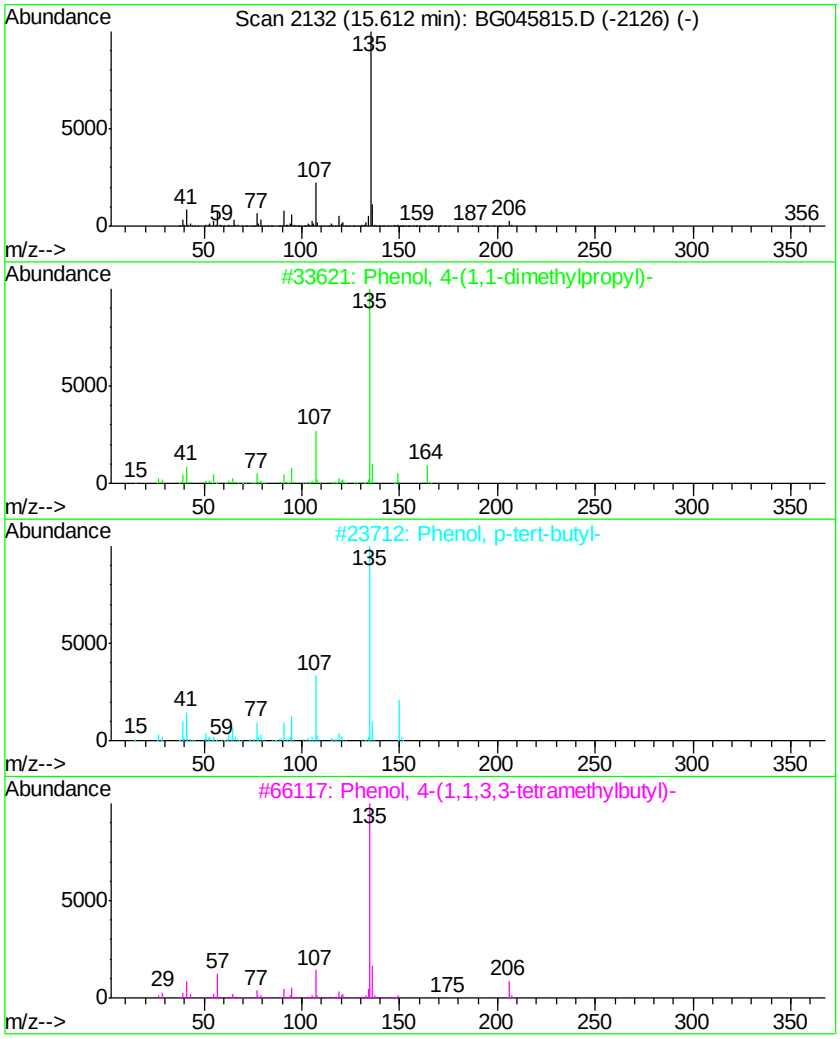
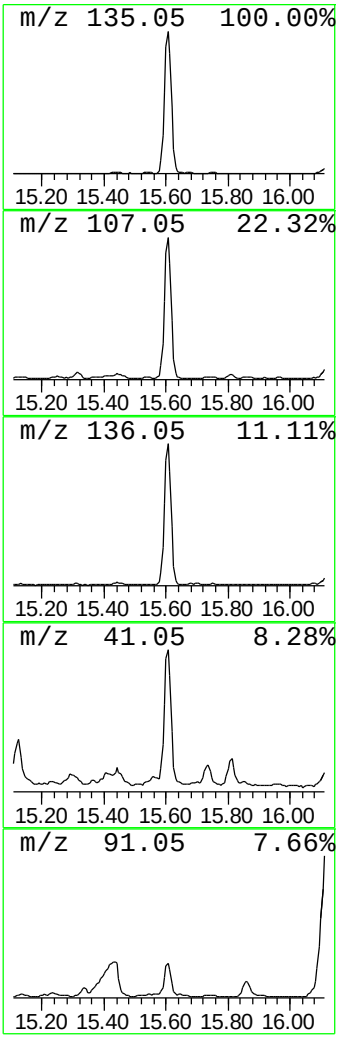
Peak Number 16 Phenol, 4-(1,1-dimethylprop... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.61	125.50 ng	4000190	Acenaphthene-d10	14.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4-(1,1-dimethylpropyl)-	164	C11H16O	000080-46-6	78
2	Phenol, p-tert-butyl-	150	C10H14O	000098-54-4	78
3	Phenol, 4-(1,1,3,3-tetramethylbu...	206	C14H22O	000140-66-9	74
4	Phenol, m-tert-butyl-	150	C10H14O	000585-34-2	72
5	Benzeneacetonitrile, 3-fluoro-	135	C8H6FN	000501-00-8	72





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
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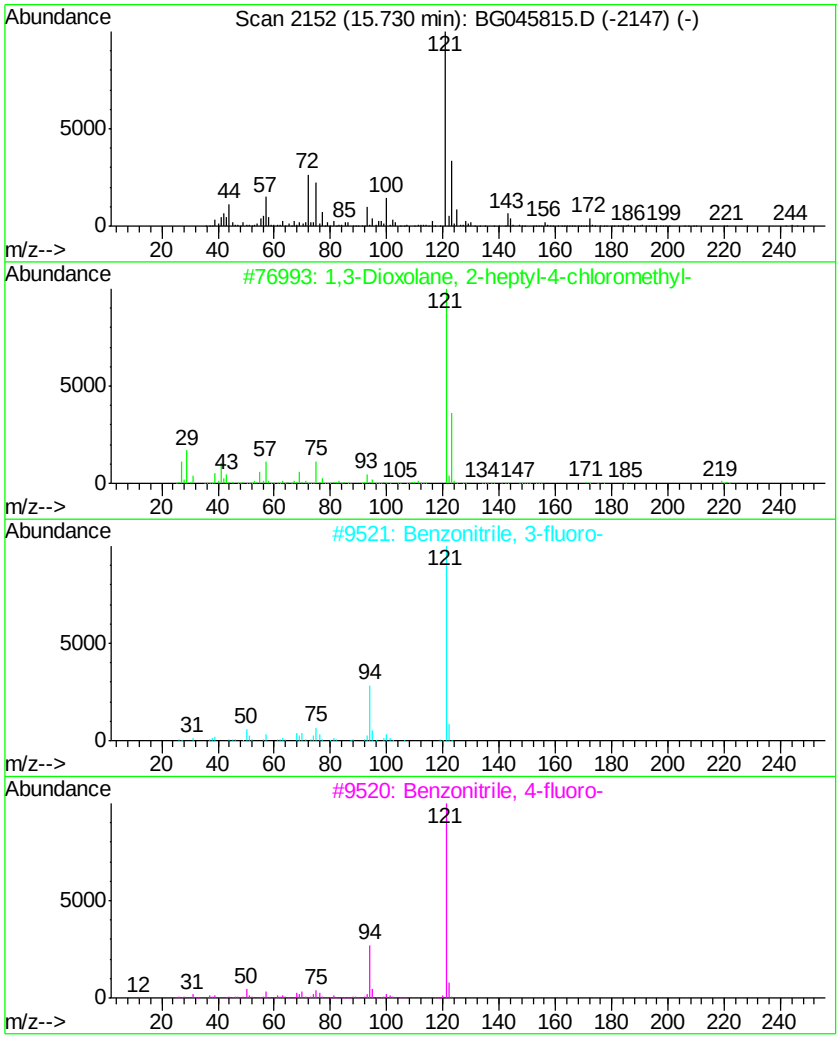
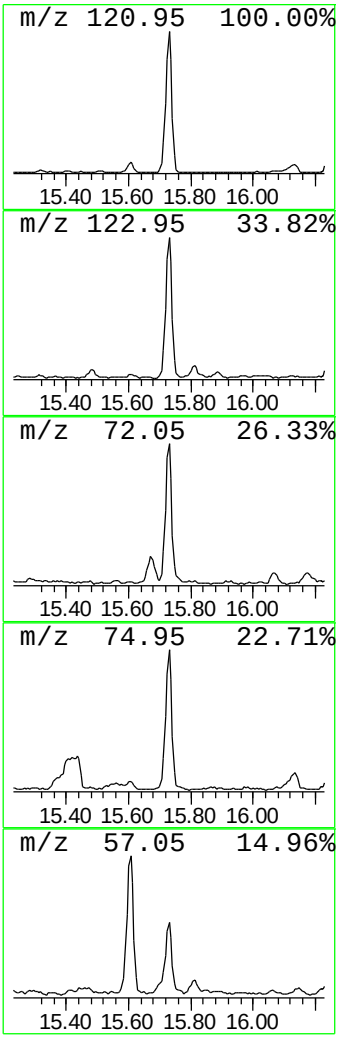
Peak Number 17 unknown15.73 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.73	45.64 ng	1454770	Acenaphthene-d10	14.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Dioxolane, 2-heptyl-4-chloro...	220	C11H21ClO2	079033-32-2	49
2	Benzonitrile, 3-fluoro-	121	C7H4FN	000403-54-3	38
3	Benzonitrile, 4-fluoro-	121	C7H4FN	001194-02-1	38
4	Benzaldehyde, 4-butoxy-	178	C11H14O2	005736-88-9	32
5	Oxalamide, n-decyl-N'-pyridin-2-yl-	305	C17H27N3O2	1000304-59-1	25





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
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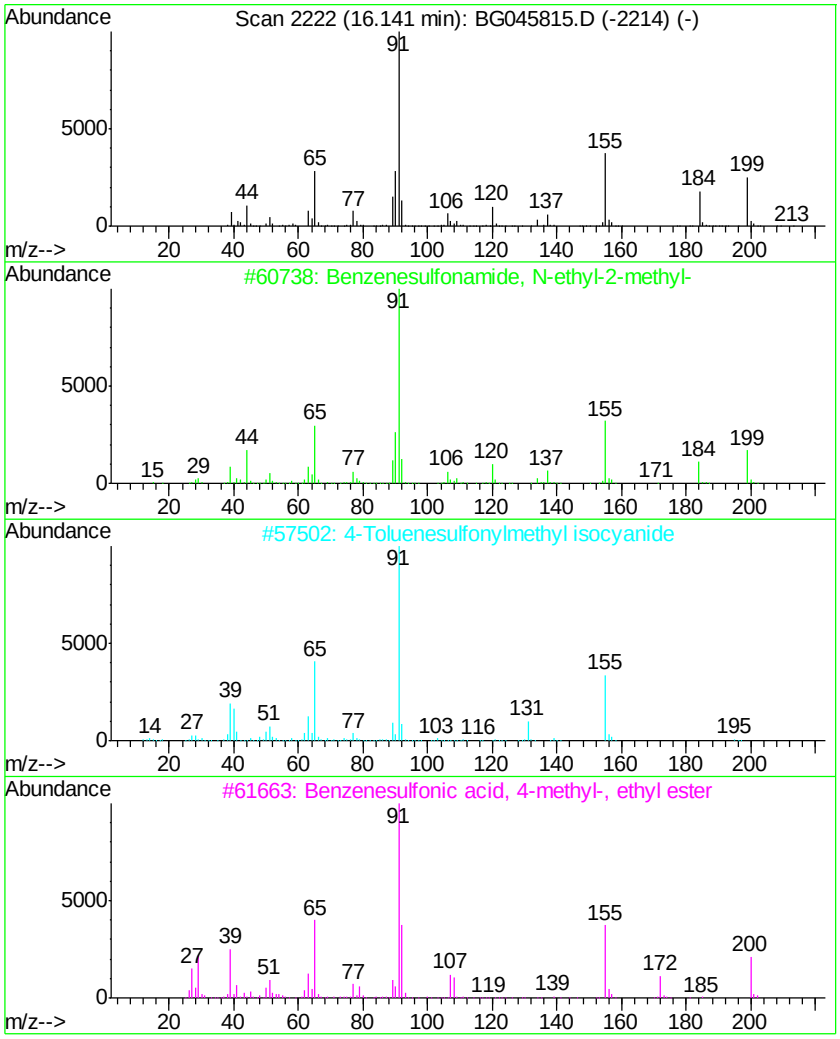
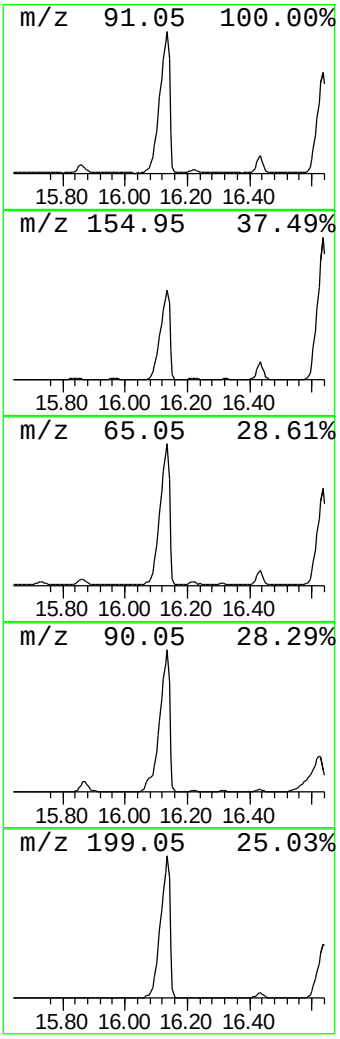
Peak Number 18 Benzenesulfonamide, N-ethyl... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.14	35.85 ng	6014100	Phenanthrene-d10	17.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenesulfonamide, N-ethyl-2-me...	199	C9H13NO2S	001077-56-1	95
2	4-Toluenesulfonylmethyl isocyanide	195	C9H9NO2S	036635-61-7	47
3	Benzenesulfonic acid, 4-methyl-,...	200	C9H12O3S	000080-40-0	43
4	Benzenesulfonamide, N-ethyl-4-me...	199	C9H13NO2S	000080-39-7	40
5	Benzaldehyde, 2-methyl-	120	C8H8O	000529-20-4	38





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061920\
Data File : BG045815.D
Acq On : 19 Jun 2020 14:45
Operator : CG/JU
Sample : L3033-06
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : KY032MW006-200616

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

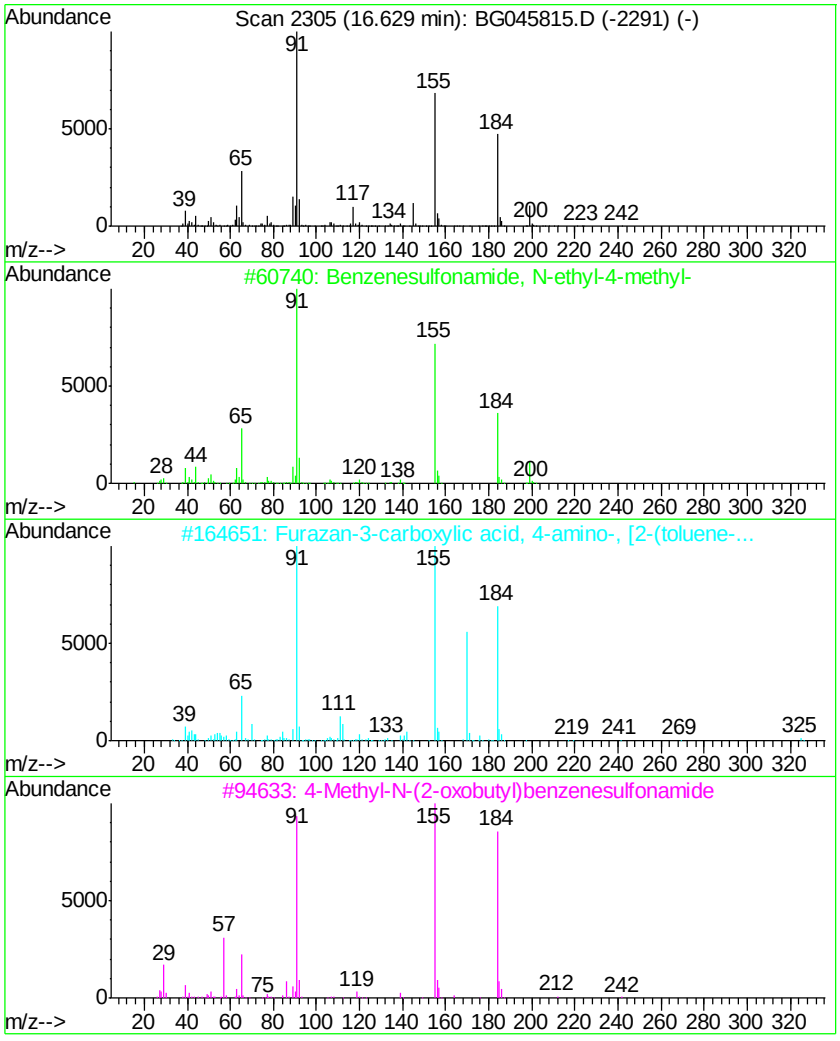
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

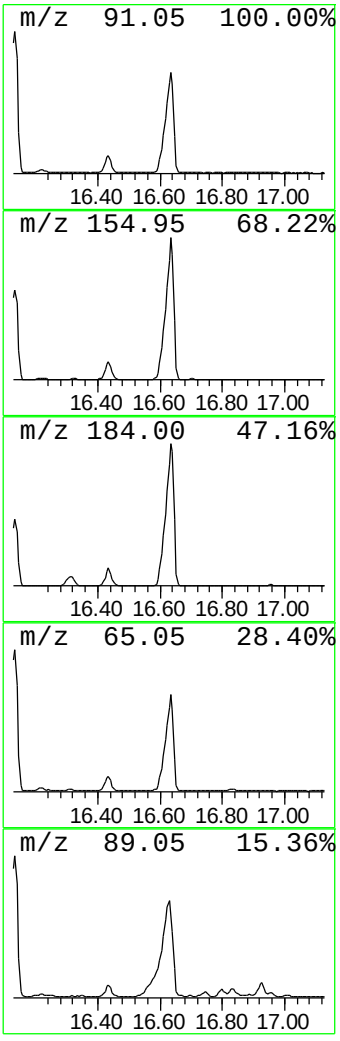
****

Peak Number 19 Benzenesulfonamide, N-ethyl... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.63	30.03 ng	5037680	Phenanthrene-d10	17.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenesulfonamide, N-ethyl-4-me...	199	C9H13NO2S	000080-39-7	97
2	Furazan-3-carboxylic acid, 4-ami...	325	C12H15N5O4S	1000304-69-4	83
3	4-Methyl-N-(2-oxobutyl)benzenesu...	241	C11H15NO3S	1000192-14-5	83
4	(Toluene-4-sulfonylamino)-acetic...	283	C13H17NO4S	1000190-48-0	59
5	Benzenesulfonamide, N-ethyl-2-me...	199	C9H13NO2S	001077-56-1	59





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061920\
Data File : BG045815.D
Acq On : 19 Jun 2020 14:45
Operator : CG/JU
Sample : L3033-06
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : KY032MW006-200616

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

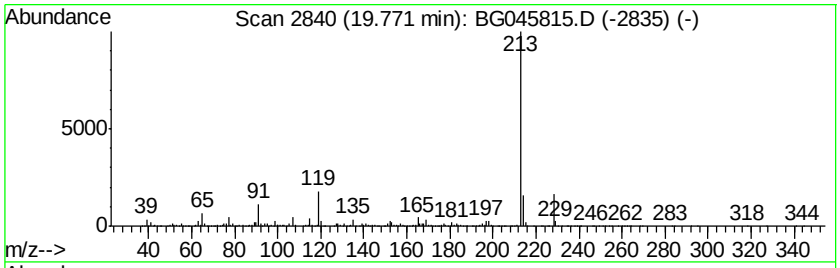
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

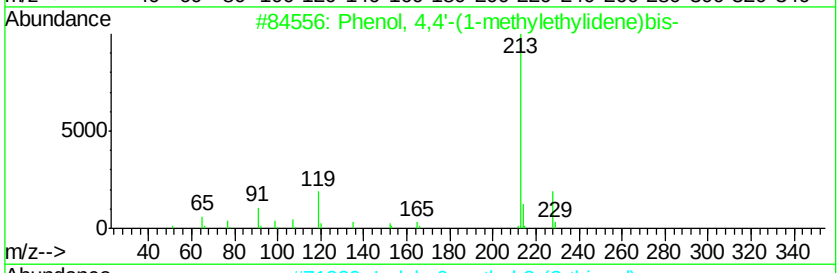
****

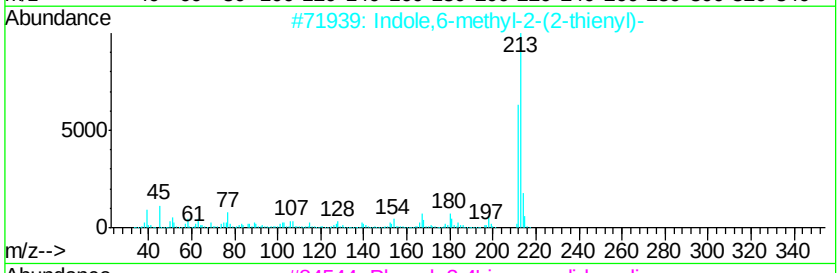
Peak Number 20 Phenol, 4,4'-(1-methylethyl... Concentration Rank 17

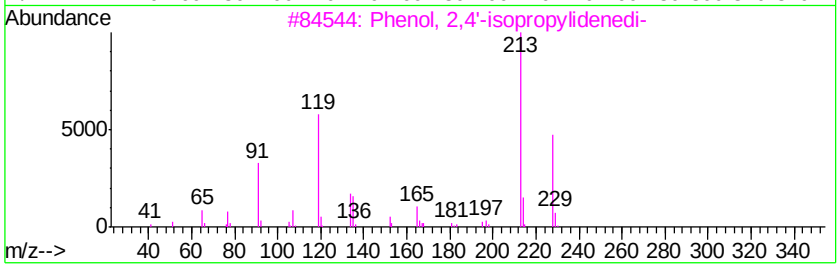
R.T.	EstConc	Area	Relative to ISTD	R.T.
19.77	33.16 ng	1265060	Chrysene-d12	21.57

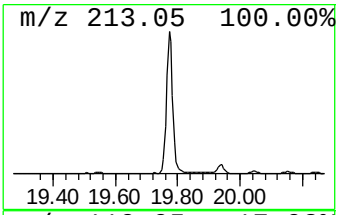
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4,4'-(1-methylethylidene...	228	C15H16O2	000080-05-7	96
2	Indole,6-methyl-2-(2-thienyl)-	213	C13H11NS	296245-70-0	52
3	Phenol, 2,4'-isopropylidenedi-	228	C15H16O2	000837-08-1	45
4	2,5-bis(Trimethylsilyl)thiophene	228	C10H20SSi2	017906-71-7	45
5	2H,8H-Benzo[1,2-b:3,4-b']dipyran...	228	C14H12O3	000523-59-1	35

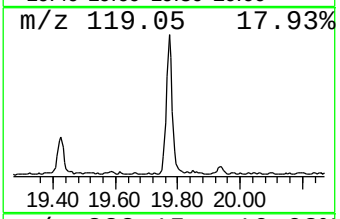


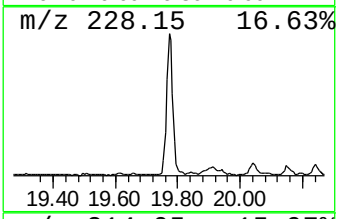


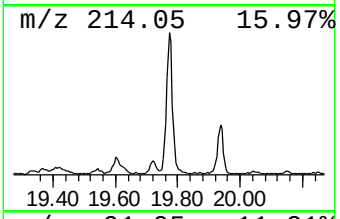


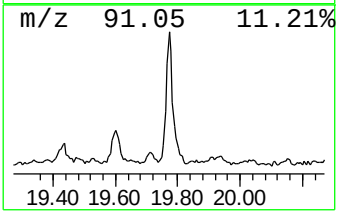












Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG061920\
Data File : BG045815.D
Acq On : 19 Jun 2020 14:45
Operator : CG/JU
Sample : L3033-06
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : KY032MW006-200616

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Disulfide, dimethyl	3.83	33.2	ng	2082700	1	7.92	1254390	20.0
2-Pentanol, 4-met...	3.95	91.9	ng	5765200	1	7.92	1254390	20.0
unknown5.06	5.06	79.9	ng	5011750	1	7.92	1254390	20.0
Cyclohexanol	5.85	134.2	ng	8415060	1	7.92	1254390	20.0
Bicyclo[2.2.1]hep...	9.22	56.4	ng	3533940	1	7.92	1254390	20.0
Phenol, 2-ethyl-	9.77	29.2	ng	19061700	2	10.74	13053900	20.0
n-Decanoic acid	13.09	231.2	ng	7368460	3	14.57	637492	20.0
unknown13.26	13.26	50.2	ng	1599420	3	14.57	637492	20.0
unknown13.34	13.34	44.2	ng	1407780	3	14.57	637492	20.0
unknown13.82	13.82	39.8	ng	1267230	3	14.57	637492	20.0
unknown14.48	14.48	48.3	ng	1540520	3	14.57	637492	20.0
1-(2-Propenyl)cyc...	14.97	39.5	ng	1258530	3	14.57	637492	20.0
2(3H)-Furanone, d...	15.01	30.0	ng	957066	3	14.57	637492	20.0
Phenol, 4-(1,1-di...	15.61	125.5	ng	4000190	3	14.57	637492	20.0
unknown15.73	15.73	45.6	ng	1454770	3	14.57	637492	20.0
Benzenesulfonamid...	16.14	35.9	ng	6014100	4	17.32	3355280	20.0
Benzenesulfonamid...	16.63	30.0	ng	5037680	4	17.32	3355280	20.0
Phenol, 4,4'-(1-m...	19.77	33.2	ng	1265060	5	21.57	763055	20.0