LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG122216\
Data File : BG025383.D
Acq On : 22 Dec 2016 10:50
Operator : UM/SJ
Sample : H6166-03
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-16

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-BG122116.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	5.275	408	415	422	rBV	141778	231610	3.95%	0.504%
2	5.751	487	496	503	rBV	449514	760322	12.98%	1.655%
3	7.373	765	772	783	rBV2	295947	622459	10.63%	1.355%
4	7.602	805	811	818	rBV6	33448	69065	1.18%	0.150%
5	7.743	828	835	847	rVB	818057	1492621	25.48%	3.249%
6	8.213	901	915	923	rBV	218623	469541	8.02%	1.022%
7	8.536	955	970	976	rBV	718402	1403231	23.95%	3.055%
8	8.677	990	994	1002	rVB9	31083	59040	1.01%	0.129%
9	8.912	1022	1034	1042	rVB8	93251	289773	4.95%	0.631%
10	9.124	1063	1070	1077	rBV7	24986	66953	1.14%	0.146%
11	9.235	1083	1089	1093	rBV5	84557	167387	2.86%	0.364%
12	9.394	1109	1116	1131	rBV	786820	1642775	28.04%	3.576%
13	9.664	1156	1162	1166	rVB5	51585	95677	1.63%	0.208%
14	9.835	1187	1191	1198	rVB3	62303	105254	1.80%	0.229%
15	10.052	1215	1228	1238	rBV10	76486	310448	5.30%	0.676%
16	10.181	1244	1250	1253	rBV7	49496	112812	1.93%	0.246%
17	10.299	1268	1270	1275	rVB6	47469	69517	1.19%	0.151%
18	10.381	1277	1284	1286	rBV4	74528	152960	2.61%	0.333%
19	10.422	1286	1291	1296	rVB3	168005	304911	5.20%	0.664%
20	10.563	1308	1315	1321	rBV10	60637	165072	2.82%	0.359%
21	10.628	1322	1326	1333	rVB7	72673	143464	2.45%	0.312%
22	10.763	1342	1349	1354	rBV7	123369	268986	4.59%	0.586%
23	10.875	1362	1368	1375	rBV5	82781	200808	3.43%	0.437%
24	10.945	1376	1380	1385	rVV7	65433	126654	2.16%	0.276%
25	11.039	1385	1396	1406	rVB	342469	807100	13.78%	1.757%
26	11.198	1416	1423	1434	rVB6	197679	481353	8.22%	1.048%
27	11.333	1434	1446	1453	rBV9	97948	385214	6.58%	0.839%
28	11.433	1458	1463	1468	rBV6	113485	250014	4.27%	0.544%
29	11.556	1480	1484	1488	rBV5	45605	61985	1.06%	0.135%
30	11.609	1488	1493	1496	rBV5	68466	136147	2.32%	0.296%
31	11.703	1505	1509	1517	rVB5	65719	138921	2.37%	0.302%
32	11.785	1517	1523	1528	rBV5	89331	209863	3.58%	0.457%
33	11.838	1528	1532	1536	rBV6	44502	71616	1.22%	0.156%
34	11.915	1538	1545	1552	rBV8	201866	556143	9.49%	1.211%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG122216\
Data File : BG025383.D
Acq On : 22 Dec 2016 10:50
Operator : UM/SJ
Sample : H6166-03
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-16

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-BG122116.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	12.038	1558	1566	1571	rBV3	99692	239828	4.09%	0.522%
36	12.114	1575	1579	1591	rVB3	90167	244111	4.17%	0.531%
37	12.220	1592	1597	1598	rBV5	84456	110429	1.89%	0.240%
38	12.361	1618	1621	1628	rVB5	99270	180853	3.09%	0.394%
39	12.437	1629	1634	1636	rBV6	68207	108828	1.86%	0.237%
40	12.473	1636	1640	1644	rVV3	97818	166505	2.84%	0.362%
41	12.625	1663	1666	1670	rBV5	123008	180126	3.07%	0.392%
42	12.731	1680	1684	1690	rBV9	106691	226091	3.86%	0.492%
43	12.831	1696	1701	1707	rVB3	432501	774760	13.23%	1.687%
44	12.908	1710	1714	1720	rVB8	105901	210376	3.59%	0.458%
45	12.978	1720	1726	1736	rBV6	156923	476760	8.14%	1.038%
46	13.160	1749	1757	1758	rBV7	147683	312097	5.33%	0.679%
47	13.190	1758	1762	1769	rVB8	124371	322843	5.51%	0.703%
48	13.331	1782	1786	1789	rBV3	156699	257364	4.39%	0.560%
49	13.460	1801	1808	1814	rBV	2004108	3121496	53.28%	6.795%
50	13.519	1814	1818	1822	rBV2	310102	473059	8.08%	1.030%
51	13.665	1838	1843	1847	rBV7	125363	262783	4.49%	0.572%
52	13.806	1863	1867	1873	rBV6	79994	157584	2.69%	0.343%
53	13.918	1881	1886	1890	rBV8	108542	212564	3.63%	0.463%
54	14.083	1910	1914	1918	rBV5	116882	172867	2.95%	0.376%
55	14.153	1919	1926	1929	rBV7	131672	361106	6.16%	0.786%
56	14.276	1943	1947	1953	rVB	135802	223647	3.82%	0.487%
57	14.371	1959	1963	1969	rBV8	90281	219460	3.75%	0.478%
58	14.541	1989	1992	2003	rVB8	107105	271410	4.63%	0.591%
59	14.635	2004	2008	2011	rBV5	119050	209286	3.57%	0.456%
60	14.841	2038	2043	2049	rVB	544946	870050	14.85%	1.894%
61	15.158	2093	2097	2102	rBV8	82353	170614	2.91%	0.371%
62	15.316	2120	2124	2128	rBV6	98219	161463	2.76%	0.351%
63	15.428	2129	2143	2149	rVV	1393036	2906953	49.62%	6.328%
64	15.493	2150	2154	2160	rVB5	158926	322454	5.50%	0.702%
65	15.622	2173	2176	2182	rVB7	198447	325002	5.55%	0.708%
66	15.681	2182	2186	2188	rBV4	113690	156424	2.67%	0.341%
67	15.781	2200	2203	2208	rVB5	94299	146024	2.49%	0.318%
68	15.880	2215	2220	2226	rBV9	168945	432371	7.38%	0.941%
69	15.939	2226	2230	2235	rVB2	257198	395581	6.75%	0.861%
70	16.104	2253	2258	2262	rBV4	298427	561580	9.59%	1.223%
71	16.268	2282	2286	2290	rVB	263271	357305	6.10%	0.778%

LSC Area Percent Report

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Sample : H6166-03
Misc :
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Instrument : BNA_G
ClientSampleId : MW-16

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
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Start Thrs: 0.2 Max Peaks: 100
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Peak separation: 5

Method : Z:\HPCHEM1\BNA_G\Methods\8270-BG122116.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	16.327	2290	2296	2308	rBV	2072017	3843705	65.61%	8.367%
73	16.468	2313	2320	2324	rBV2	279021	543690	9.28%	1.184%
74	16.756	2365	2369	2375	rBV6	122113	229488	3.92%	0.500%
75	16.879	2386	2390	2399	rBV9	97841	228710	3.90%	0.498%
76	17.050	2417	2419	2424	rBV5	91378	132903	2.27%	0.289%
77	17.226	2445	2449	2455	rVB7	136077	261787	4.47%	0.570%
78	17.408	2477	2480	2484	rBV3	67544	99798	1.70%	0.217%
79	17.584	2505	2510	2518	rVB	676363	1006662	17.18%	2.191%
80	18.219	2614	2618	2630	rVB2	154918	275115	4.70%	0.599%
81	18.425	2649	2653	2661	rVB4	154252	237743	4.06%	0.518%
82	18.830	2716	2722	2729	rBV	834198	1341988	22.91%	2.921%
83	19.682	2864	2867	2870	rVB4	58086	59067	1.01%	0.129%
84	20.164	2943	2949	2956	rVB	4422962	5858240	100.00%	12.753%
85	21.456	3165	3169	3174	rVB8	54957	92752	1.58%	0.202%
86	21.873	3234	3240	3248	rVB	883469	1488841	25.41%	3.241%
87	25.287	3810	3821	3831	rVB2	482944	1504394	25.68%	3.275%

Sum of corrected areas: 45936633

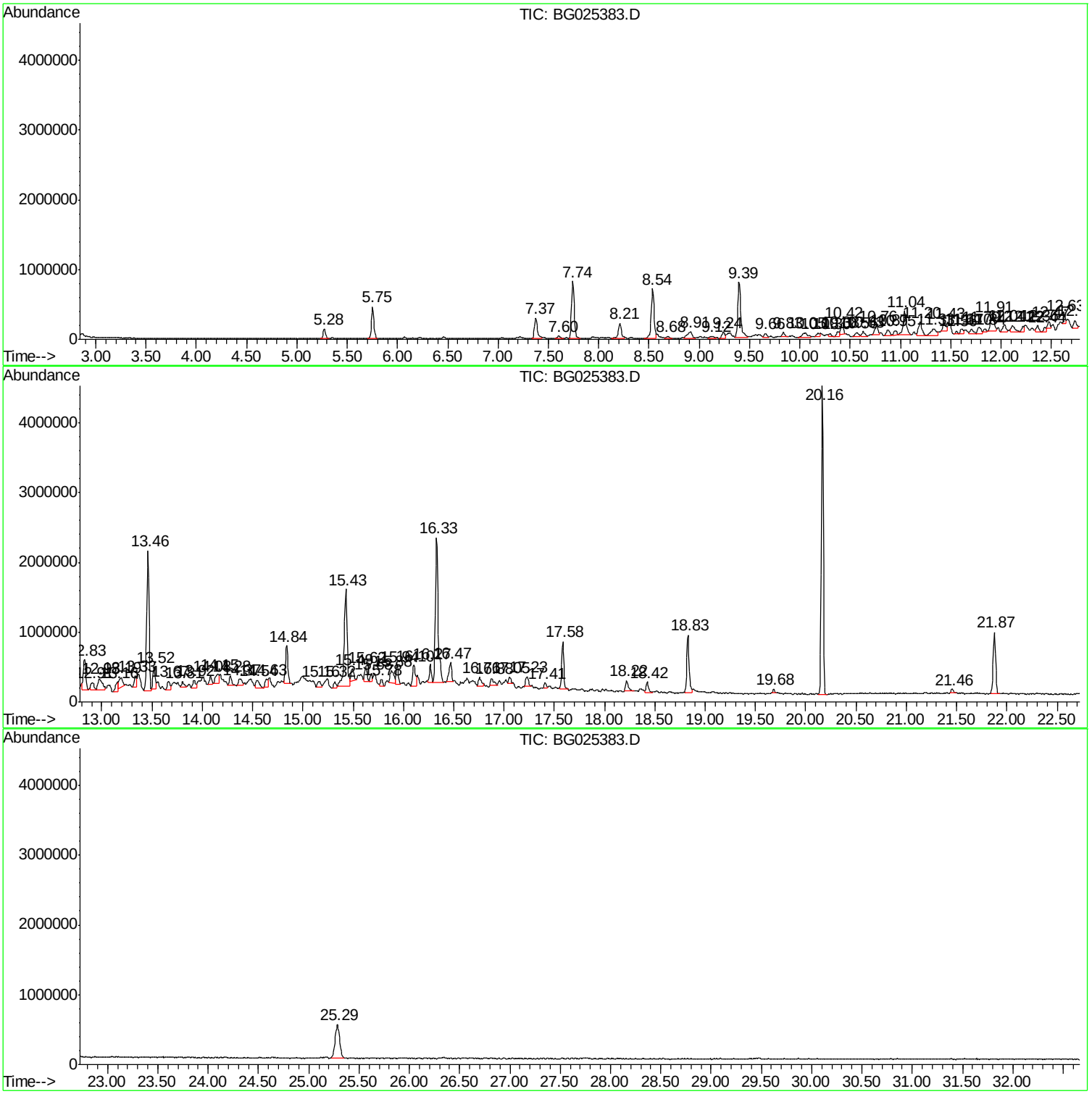
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA G\DATA\BG122216\
Data File : BG025383.D
Acq On : 22 Dec 2016 10:50
Operator : UM/SJ
Sample : H6166-03
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW-16

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA G\DATA\BG122216\
Data File : BG025383.D
Acq On : 22 Dec 2016 10:50
Operator : UM/SJ
Sample : H6166-03
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-16

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

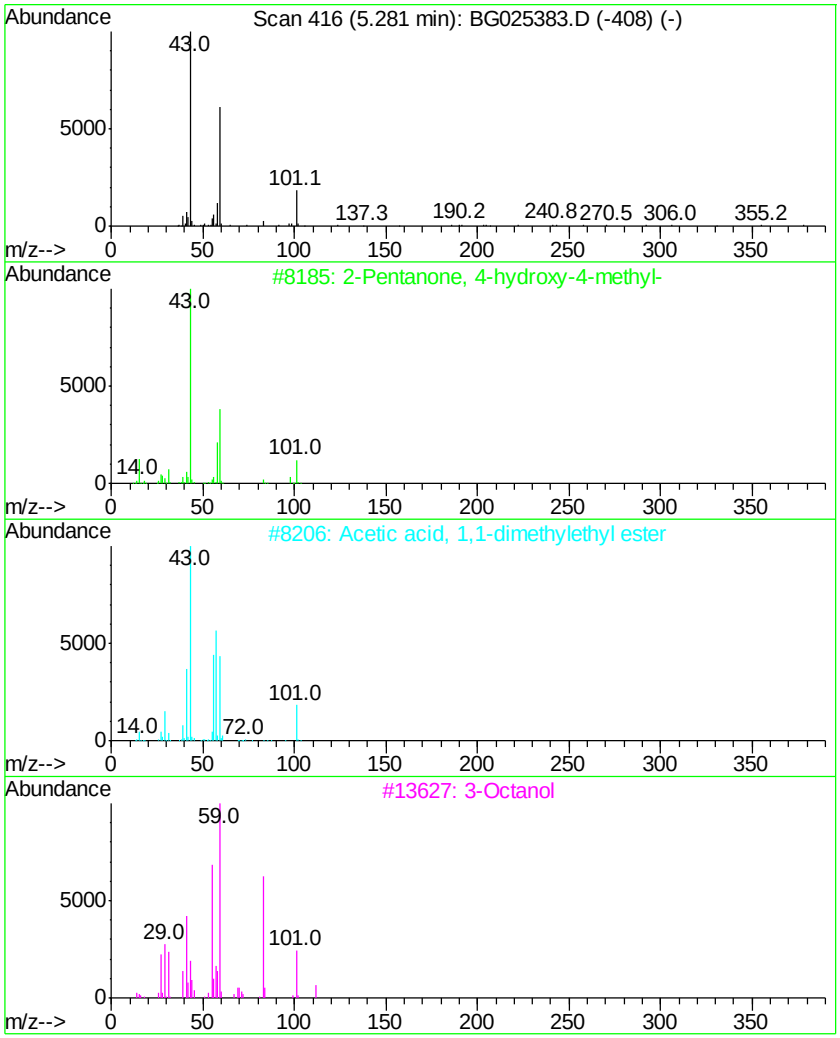
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

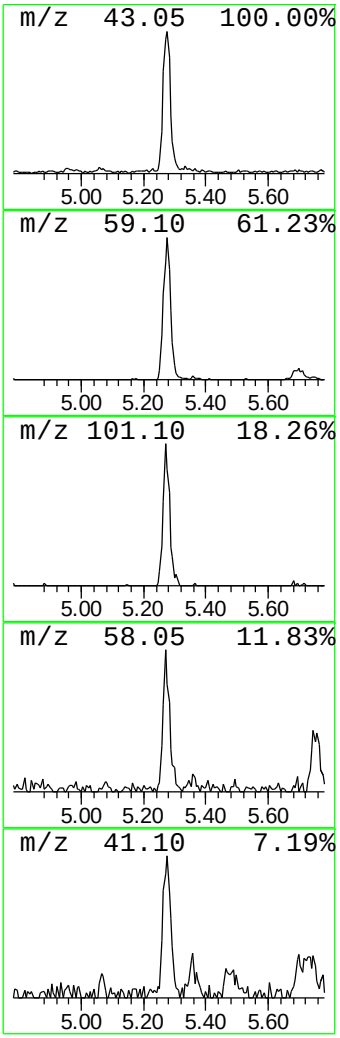
****

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.28	9.87 ng	231610	1,4-Dichlorobenzene-d4	8.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	53
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	38
3	3-Octanol	130	C8H18O	000589-98-0	33
4	1,2-Butanediol	90	C4H10O2	000584-03-2	25
5	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	25





Data Path : Z:\HPCHEM1\BNA G\DATA\BG122216\
Data File : BG025383.D
Acq On : 22 Dec 2016 10:50
Operator : UM/SJ
Sample : H6166-03
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-16

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

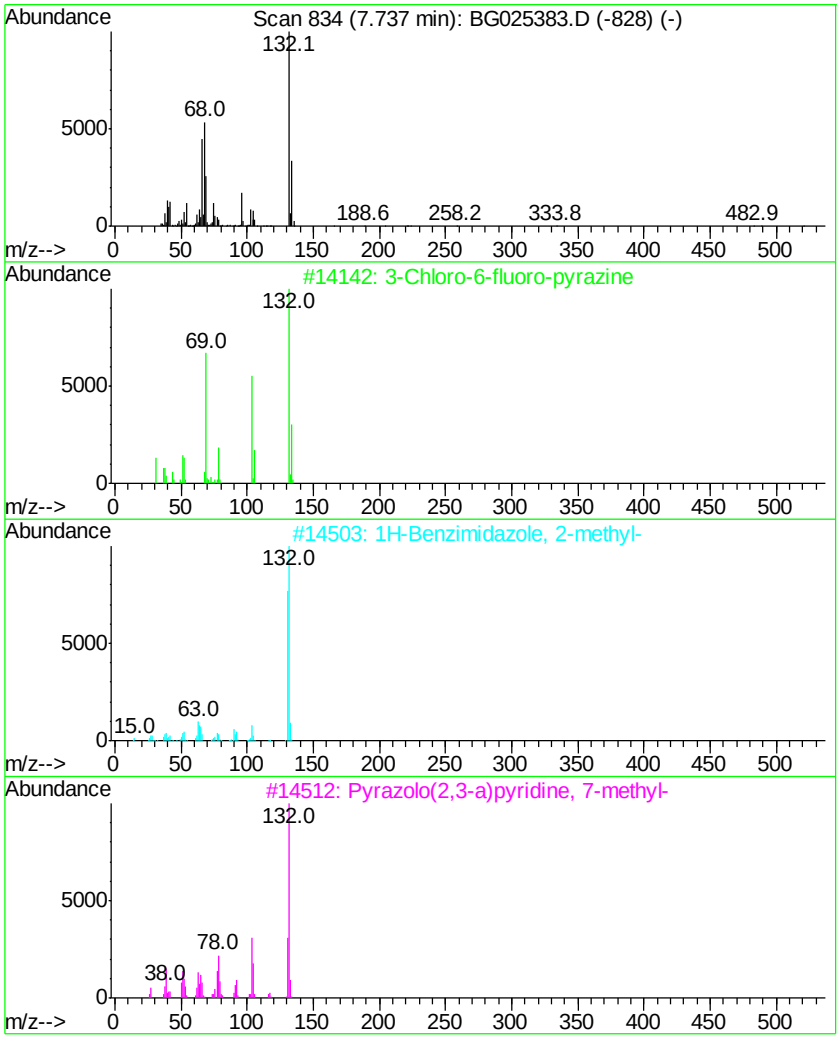
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

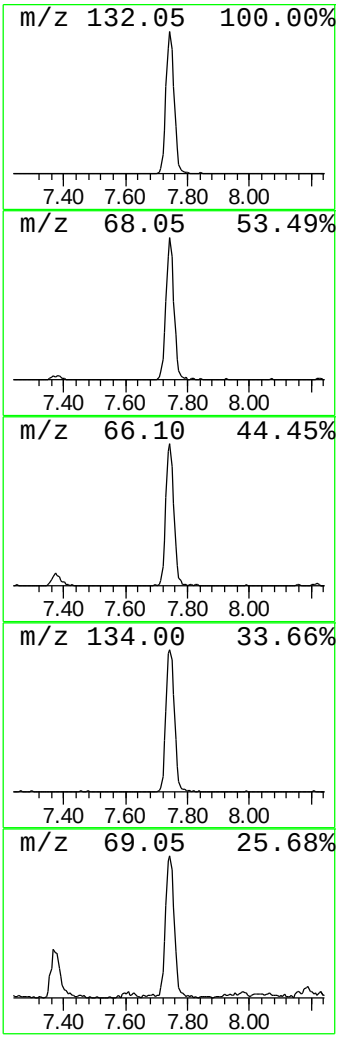
****

Peak Number 2 unknown7.74 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.74	63.58 ng	1492620	1,4-Dichlorobenzene-d4	8.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	14
2	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	14
3	Pyrazolo(2,3-a)pyridine, 7-methyl-	132	C8H8N2	034760-58-2	10
4	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
5	1,2,3-Trifluorobenzene	132	C6H3F3	001489-53-8	9





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG122216\
Data File : BG025383.D
Acq On : 22 Dec 2016 10:50
Operator : UM/SJ
Sample : H6166-03
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-16

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

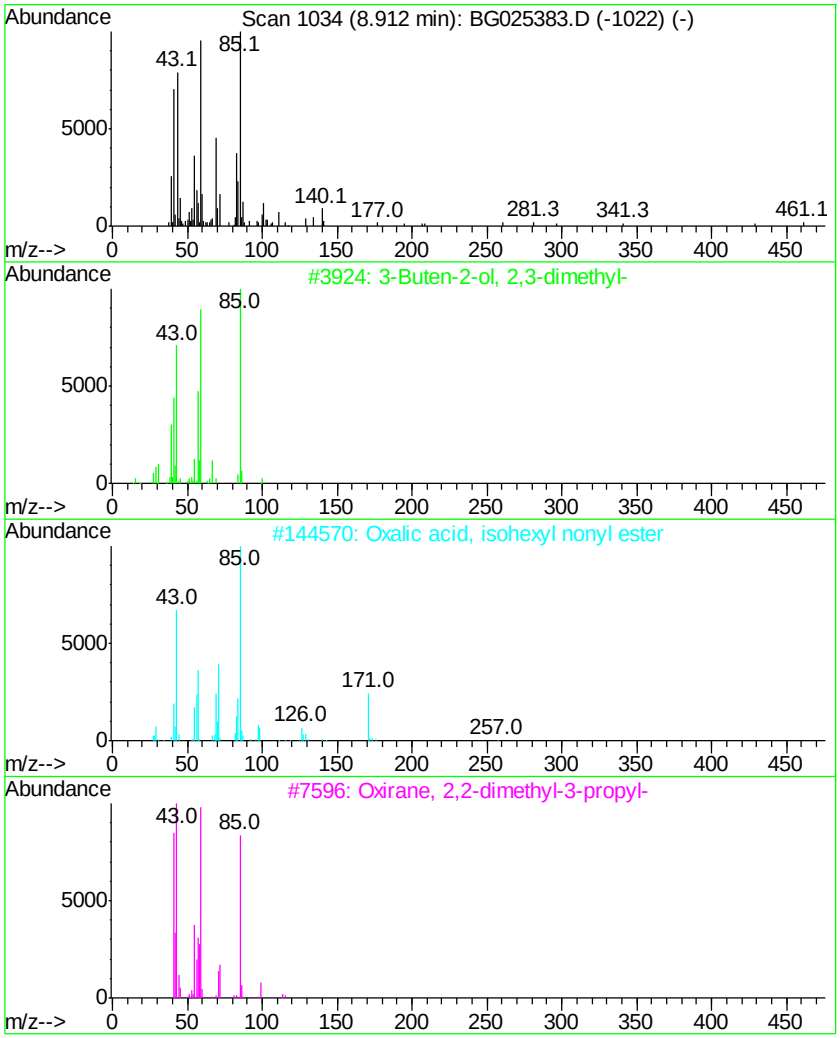
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

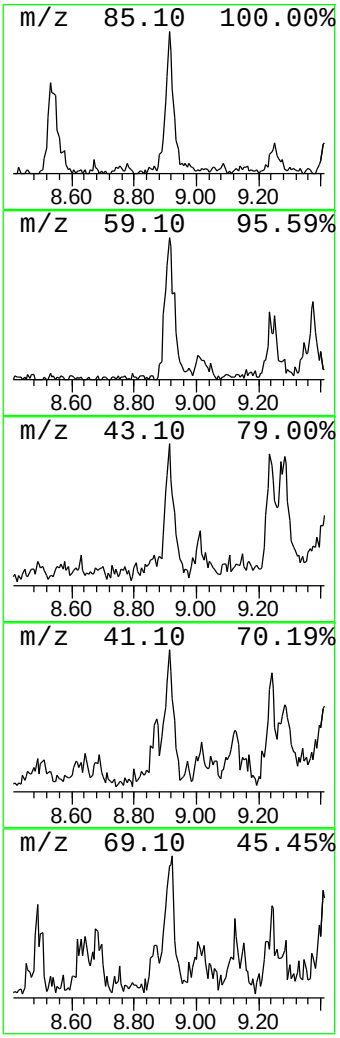
****

Peak Number 4 3-Buten-2-ol, 2,3-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.91	12.34 ng	289773	1,4-Dichlorobenzene-d4	8.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Buten-2-ol, 2,3-dimethyl-	100	C6H12O	010473-13-9	50
2	Oxalic acid, isohexyl nonyl ester	300	C17H32O4	1000309-33-2	35
3	Oxirane, 2,2-dimethyl-3-propyl-	114	C7H14O	017612-35-0	32
4	2H-Pyran, 2-[(1-butyl-2-propynyl...	196	C12H20O2	000831-83-4	27
5	2-Pyrrolidinone	85	C4H7NO	000616-45-5	27





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG122216\
Data File : BG025383.D
Acq On : 22 Dec 2016 10:50
Operator : UM/SJ
Sample : H6166-03
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW-16

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

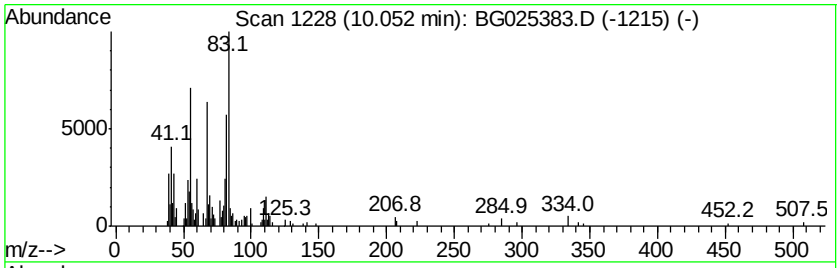
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

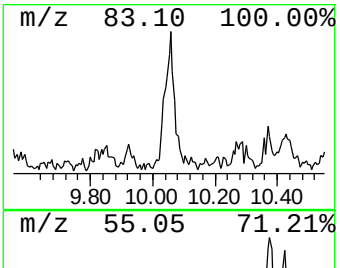
****

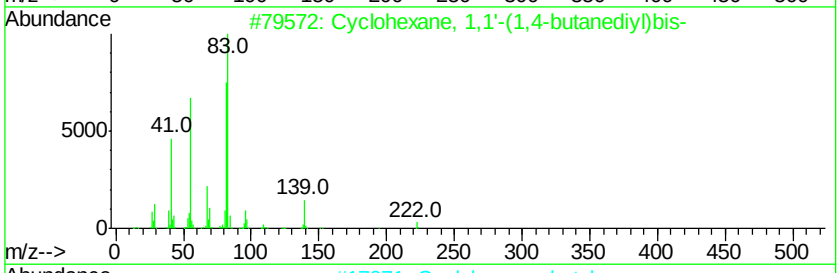
Peak Number 5 unknown10.05 Concentration Rank 18

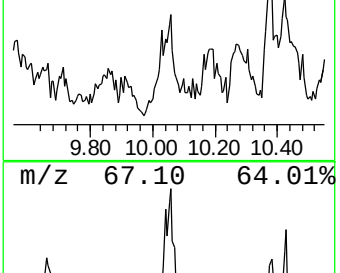
R.T.	EstConc	Area	Relative to ISTD	R.T.
10.05	7.69 ng	310448	Naphthalene-d8	11.04

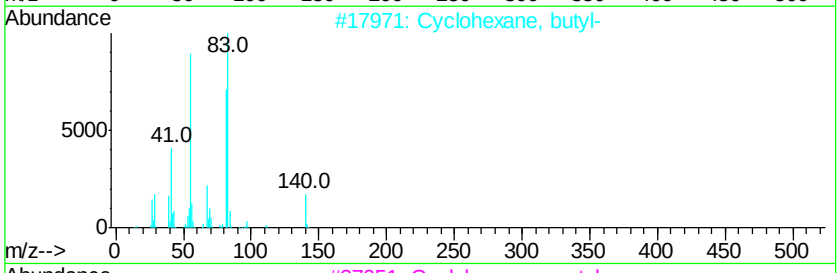
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,1'-(1,4-butanediy...	222	C16H30	006165-44-2	49
2	Cyclohexane, butyl-	140	C10H20	001678-93-9	47
3	Cyclohexane, pentyl-	154	C11H22	004292-92-6	47
4	5-Cyano-1,2,3-thiadiazole	111	C3HN3S	057352-02-0	45
5	Pyridine, 2,3,4,5-tetrahydro-	83	C5H9N	000505-18-0	43

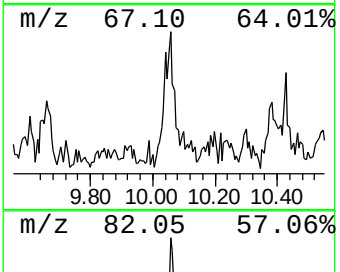


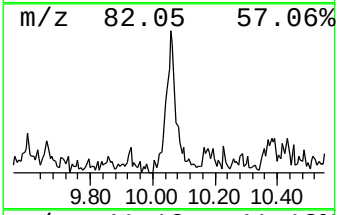


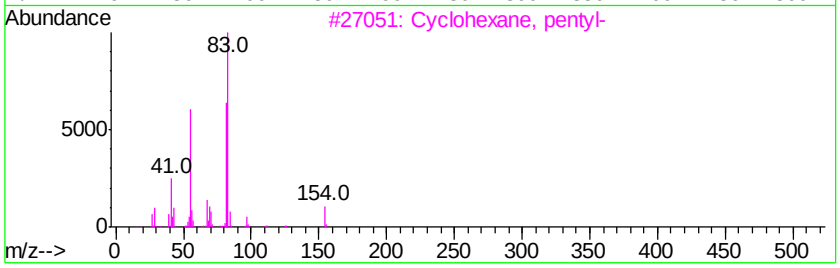


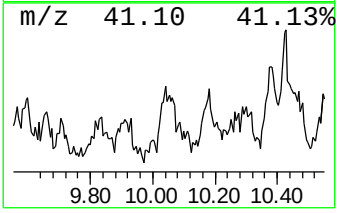












Data Path : Z:\HPCHEM1\BNA G\DATA\BG122216\
Data File : BG025383.D
Acq On : 22 Dec 2016 10:50
Operator : UM/SJ
Sample : H6166-03
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-16

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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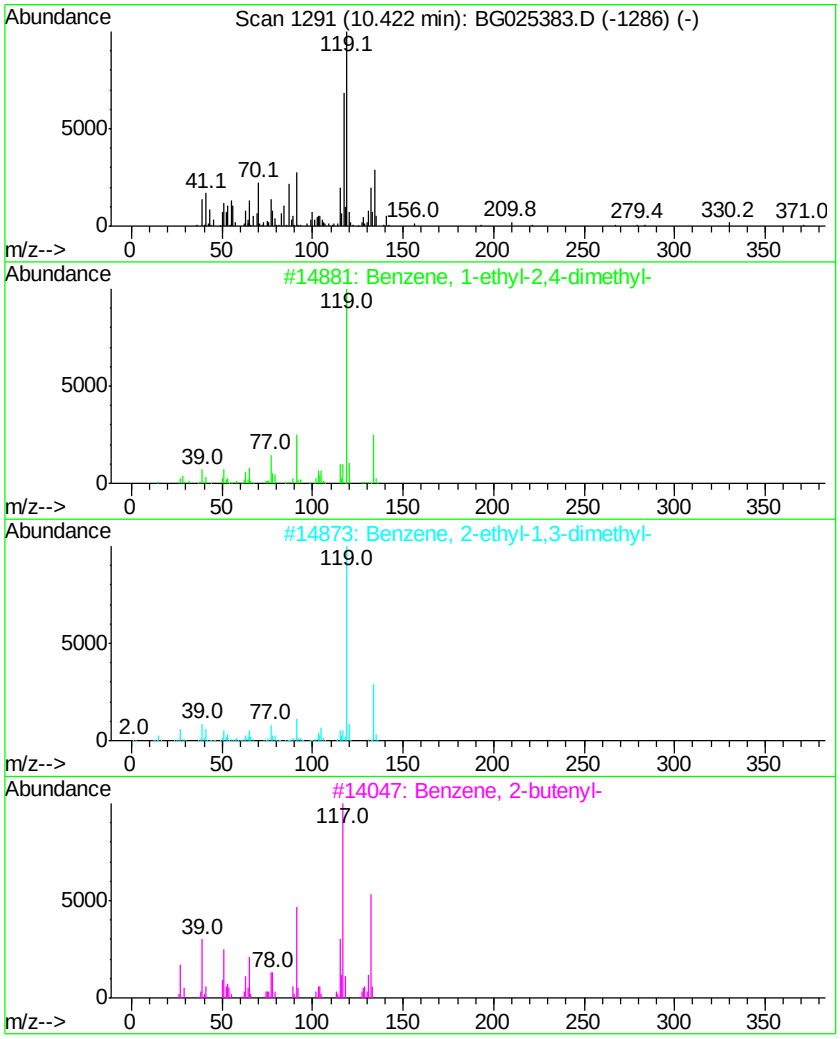
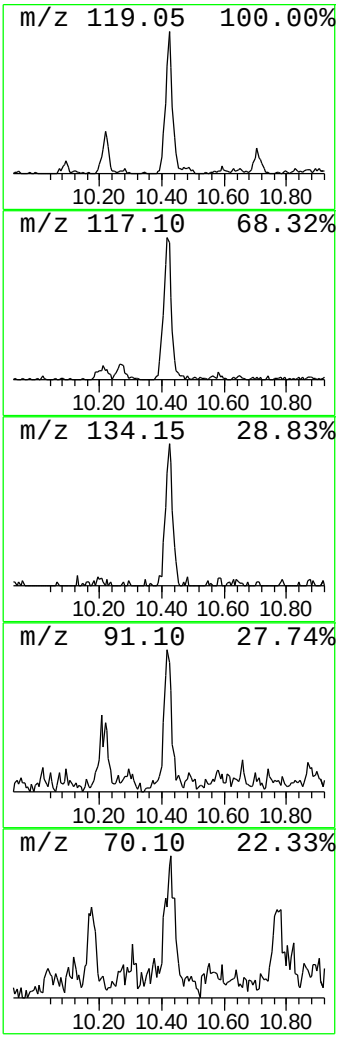
Peak Number 6 unknown10.42 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.42	7.56 ng	304911	Naphthalene-d8	11.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	43
2	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	38
3	Benzene, 2-butenyl-	132	C10H12	001560-06-1	38
4	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	38
5	1-Phenyl-1-butene	132	C10H12	000824-90-8	38





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Data File : BG025383.D
Acq On : 22 Dec 2016 10:50
Operator : UM/SJ
Sample : H6166-03
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-16

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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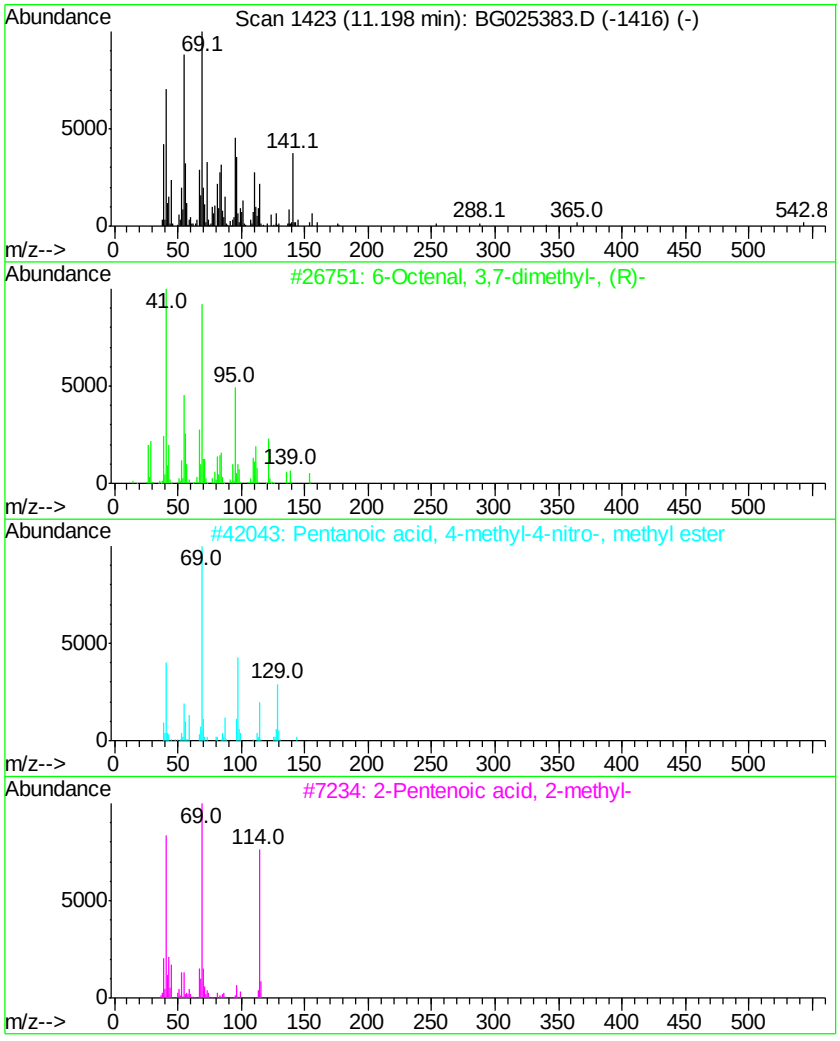
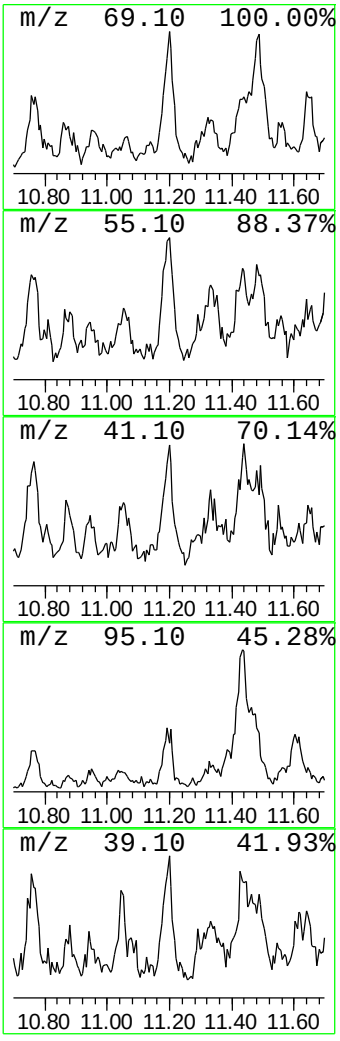
Peak Number 7 unknown11.20 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.20	11.93 ng	481353	Naphthalene-d8	11.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	6-Octenal, 3,7-dimethyl-, (R)-	154	C10H18O	002385-77-5	43
2	Pentanoic acid, 4-methyl-4-nitro...	175	C7H13NO4	016507-02-1	35
3	2-Pentenoic acid, 2-methyl-	114	C6H10O2	003142-72-1	35
4	2-Pentene, 3-methyl-, (Z)-	84	C6H12	000922-62-3	30
5	3-Hexene, 2,2,5,5-tetramethyl-, ...	140	C10H20	000692-47-7	30





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Sample : H6166-03
Misc :
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ClientSampleId : MW-16

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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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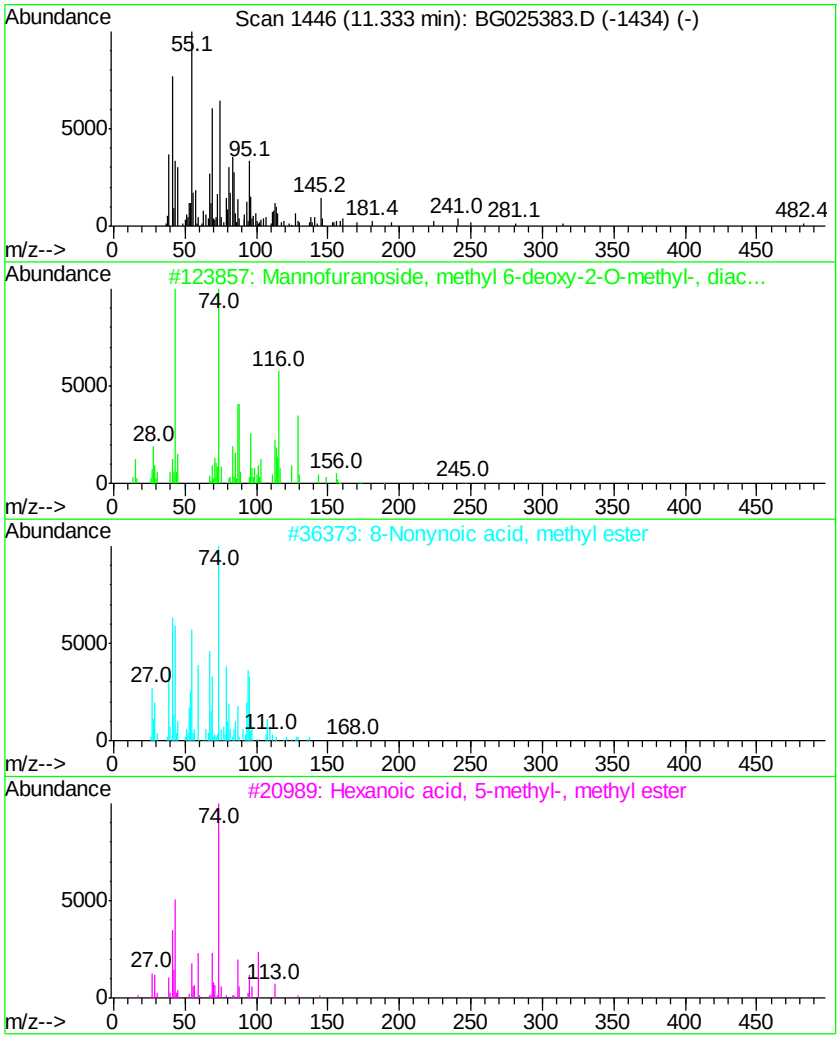
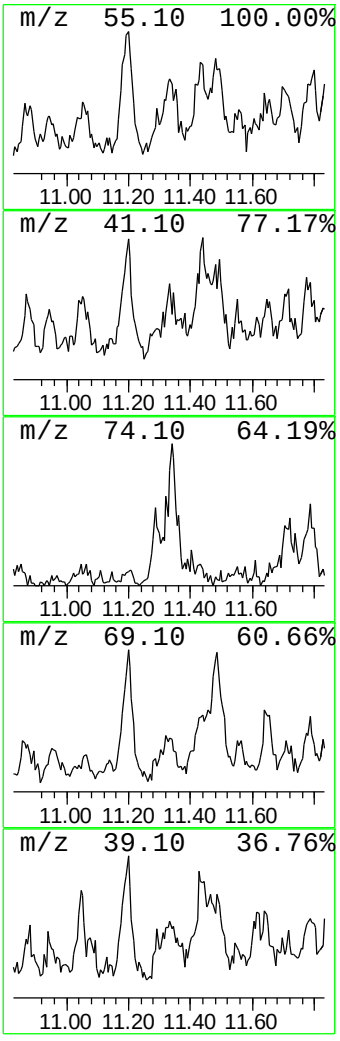
Peak Number 8 unknown11.33 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.33	9.55 ng	385214	Naphthalene-d8	11.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Mannofuranoside, methyl 6-deoxy-...	276	C12H20O7	029839-03-0	27
2	8-Nonynoic acid, methyl ester	168	C10H16O2	007003-48-7	25
3	Hexanoic acid, 5-methyl-, methyl...	144	C8H16O2	002177-83-5	16
4	1,6-Octadiene, 5,7-dimethyl-, (R)-	138	C10H18	085006-04-8	14
5	Allyl n-propyl sulphide	116	C6H12S	1000342-31-5	14





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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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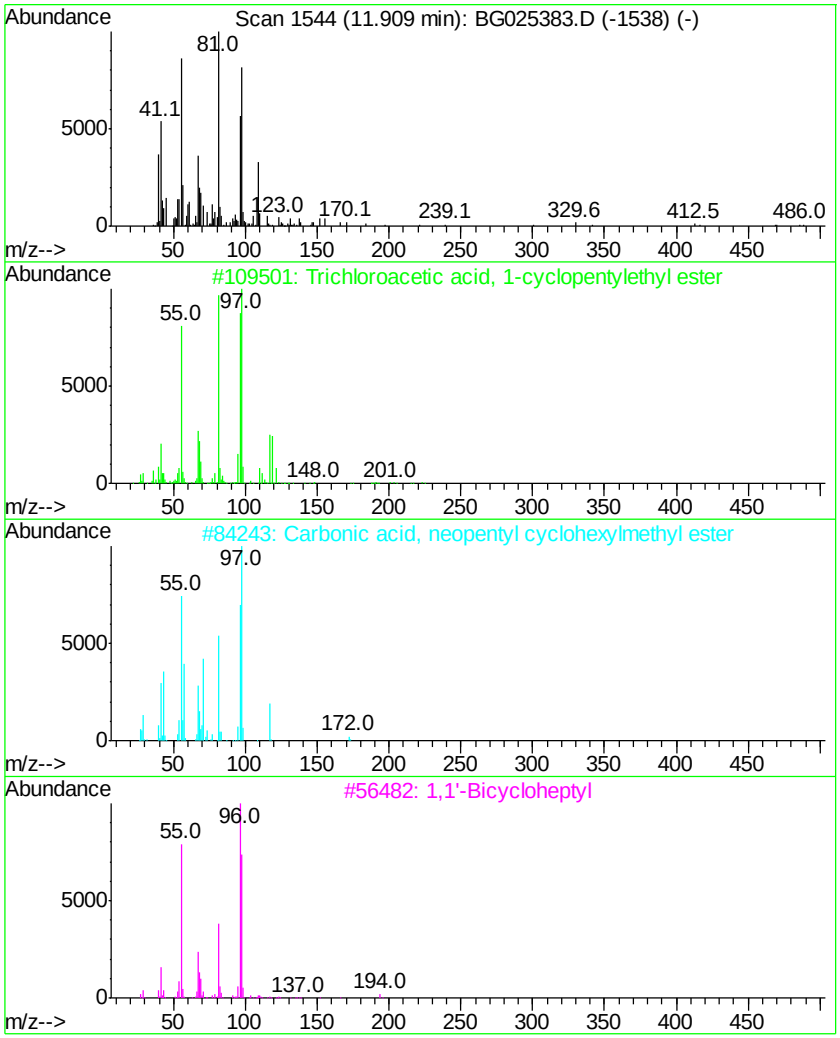
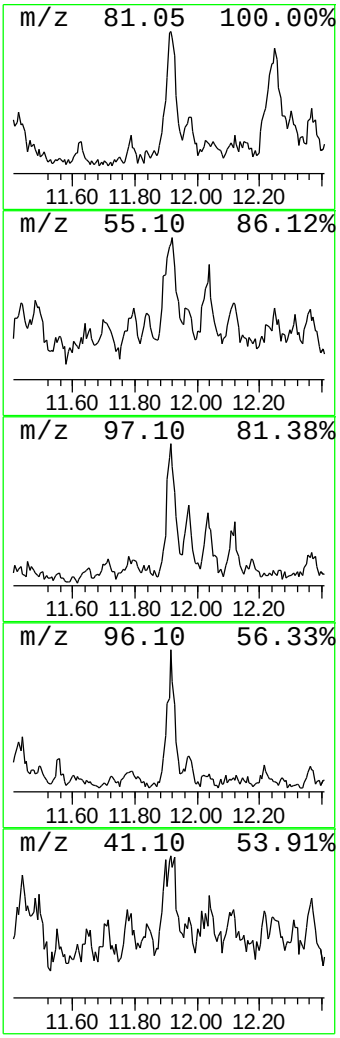
Peak Number 9 Trichloroacetic acid, 1-cyc... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.91	13.78 ng	556143	Naphthalene-d8	11.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Trichloroacetic acid, 1-cyclopen...	258	C9H13Cl3O2	1000282-57-1	64
2	Carbonic acid, neopentyl cyclohe...	228	C13H24O3	1000357-85-8	49
3	1,1'-Bicycloheptyl	194	C14H26	023183-11-1	47
4	1,3-Pentadiene, 2,4-dimethyl-	96	C7H12	001000-86-8	46
5	Cyclohexene, 4-methyl-	96	C7H12	000591-47-9	43





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Instrument : BNA_G
ClientSampleId : MW-16

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TIC Integration Parameters: LSCINT.P

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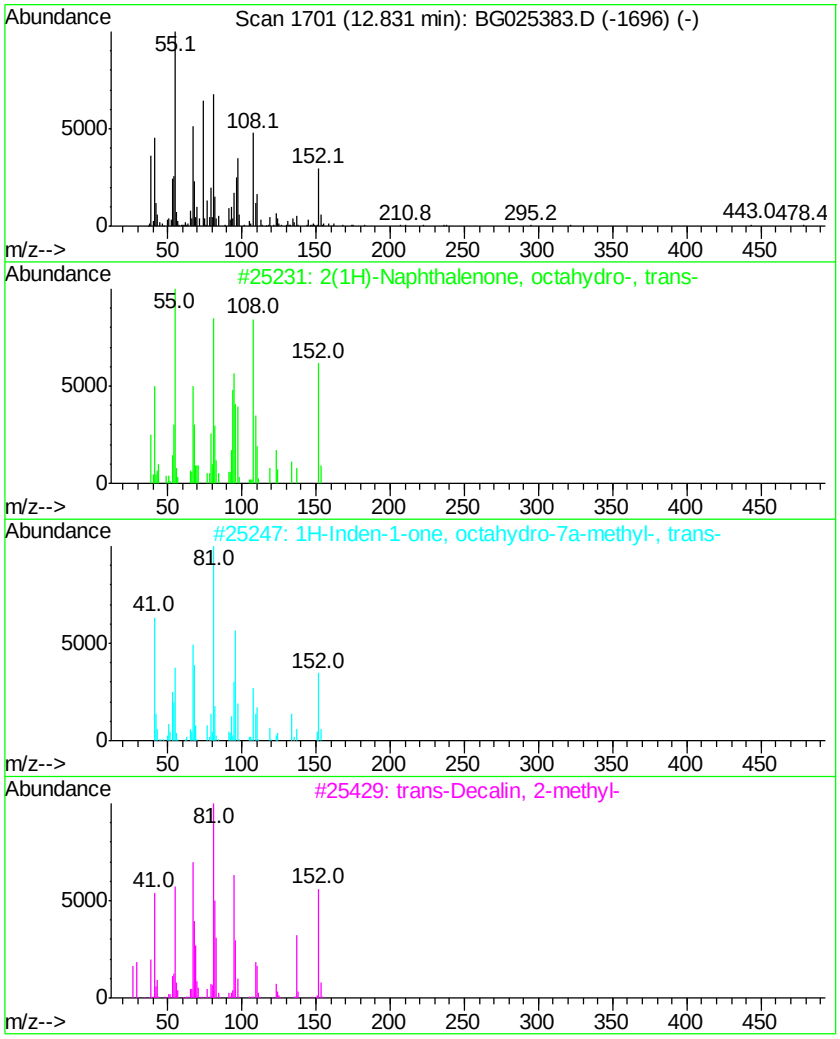
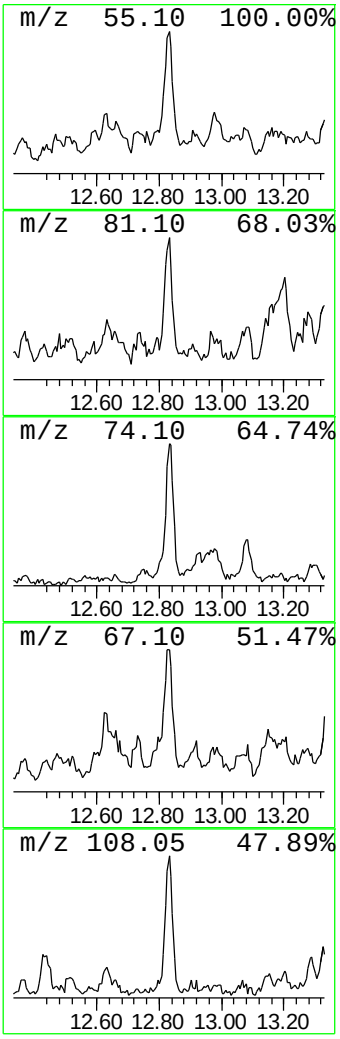
Peak Number 10 unknown12.83 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.83	19.20 ng	774760	Naphthalene-d8	11.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2(1H)-Naphthalenone, octahydro-,...	152	C10H16O	016021-08-2	49
2	1H-Inden-1-one, octahydro-7a-met...	152	C10H16O	017428-83-0	43
3	trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	38
4	2-Decalone,c&t	152	C10H16O	004832-17-1	38
5	Bicyclo[3.3.2]decan-9-one	152	C10H16O	028054-91-3	30





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Sample : H6166-03
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-16

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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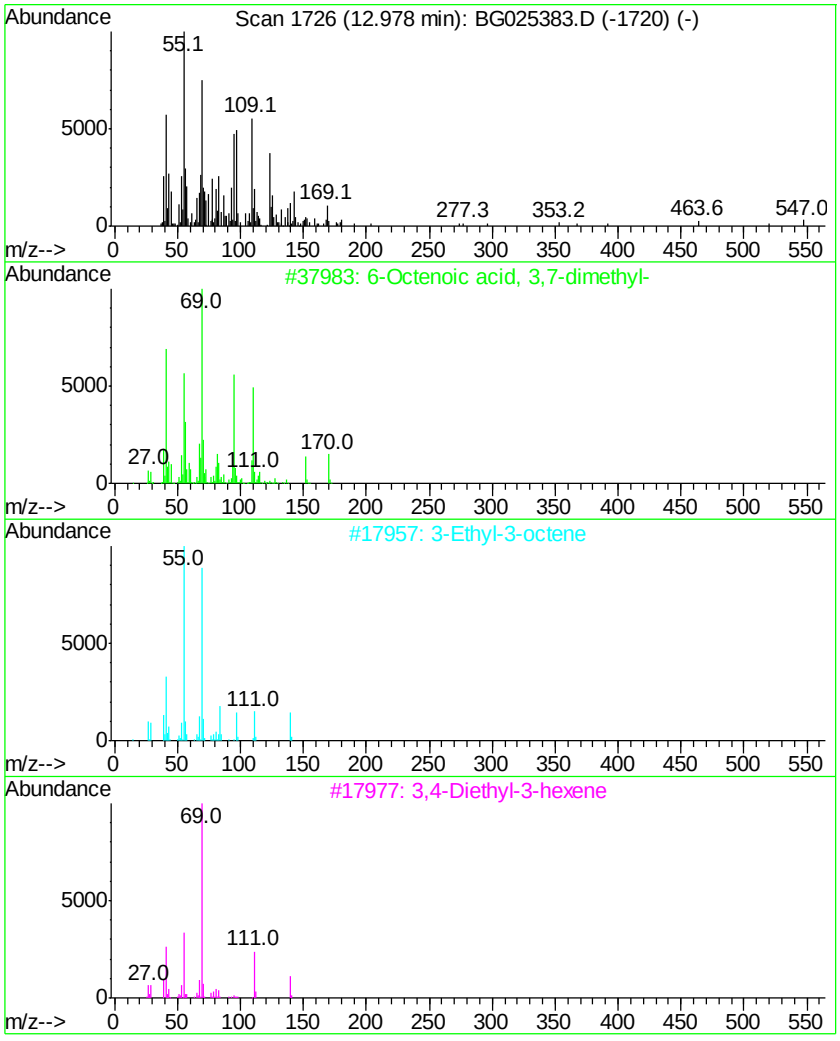
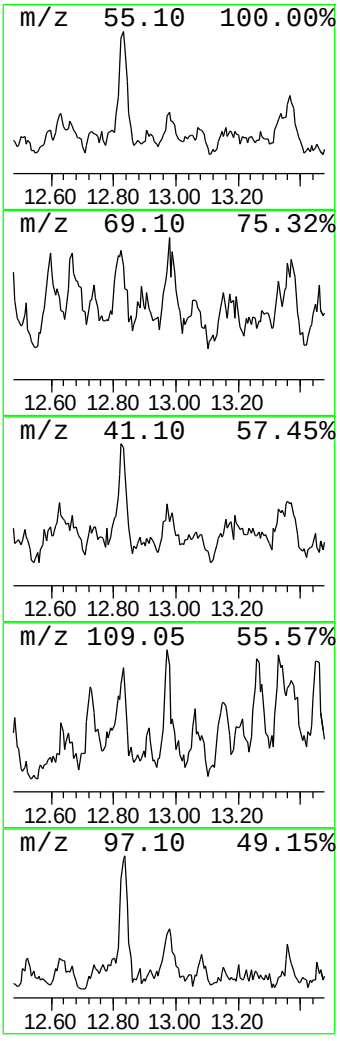
Peak Number 11 unknown12.98 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.98	10.96 ng	476760	Acenaphthene-d10	14.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	6-Octenoic acid, 3,7-dimethyl-	170	C10H18O2	000502-47-6	38
2	3-Ethyl-3-octene	140	C10H20	019781-31-8	27
3	3,4-Diethyl-3-hexene	140	C10H20	000868-46-2	27
4	3,4-Diethyl-2-hexene	140	C10H20	1000113-54-8	27
5	3-Octene, 2,6-dimethyl-	140	C10H20	006874-28-8	25





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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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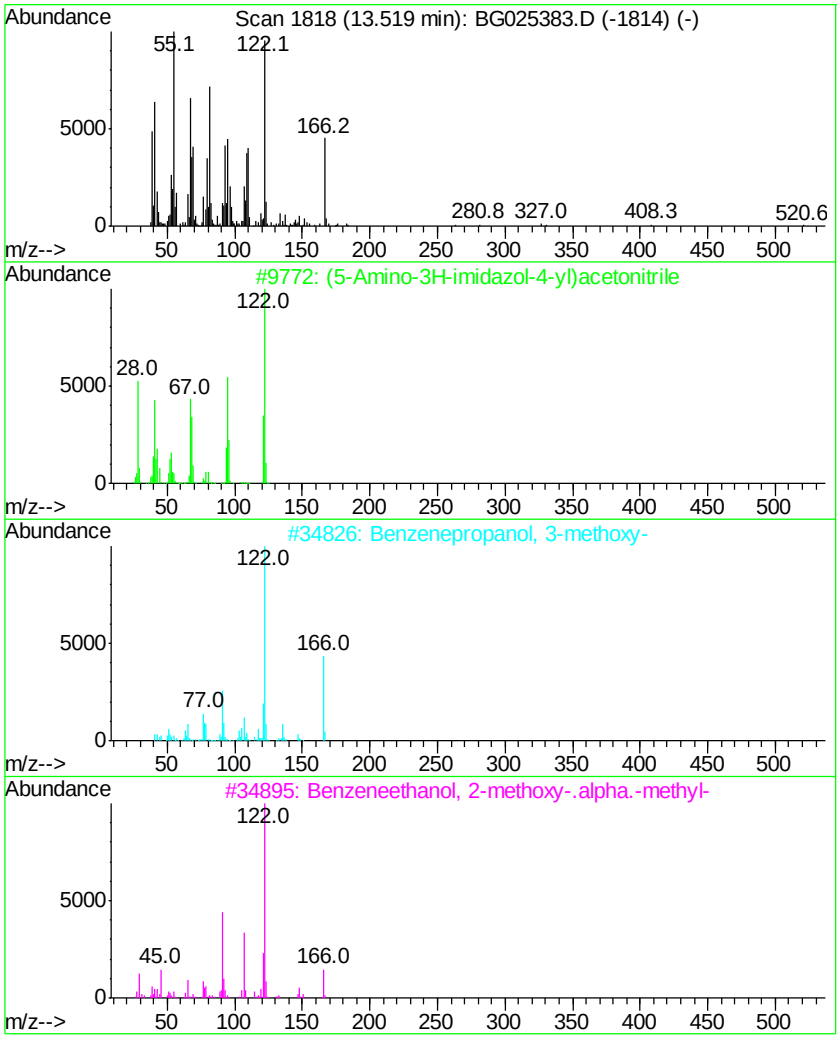
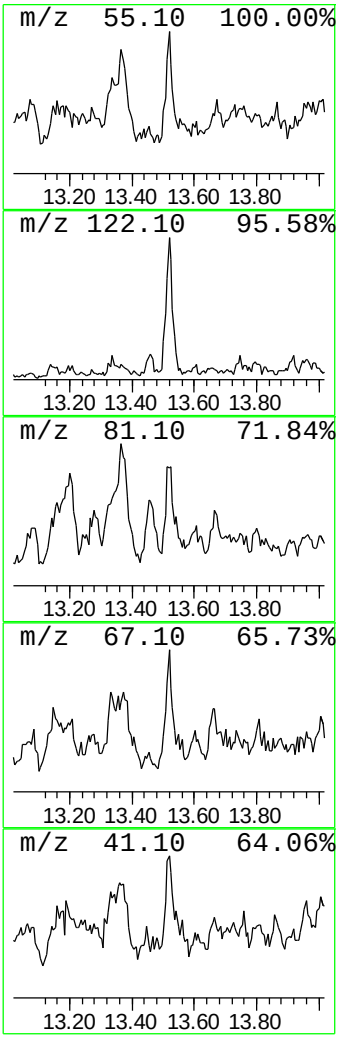
Peak Number 12 unknown13.52 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.52	10.87 ng	473059	Acenaphthene-d10	14.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(5-Amino-3H-imidazol-4-yl)aceton...	122	C5H6N4	1000191-16-3	38
2	Benzenepropanol, 3-methoxy-	166	C10H14O2	007252-82-6	30
3	Benzeneethanol, 2-methoxy-.alpha...	166	C10H14O2	015541-26-1	27
4	Bicyclo[3.3.1]nonan-9-ol	140	C9H16O	015598-80-8	27
5	1-Methylcycloheptene	110	C8H14	055308-20-8	25





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Instrument : BNA_G
ClientSampleId : MW-16

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG122116.M
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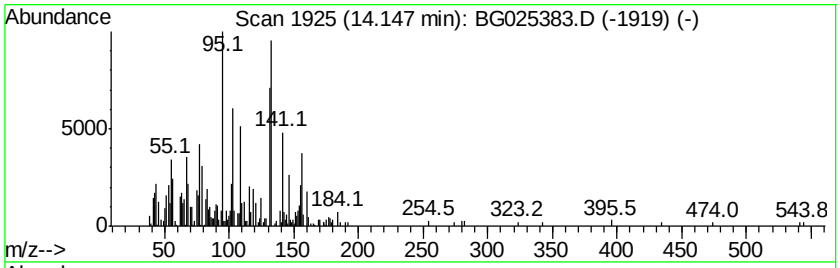
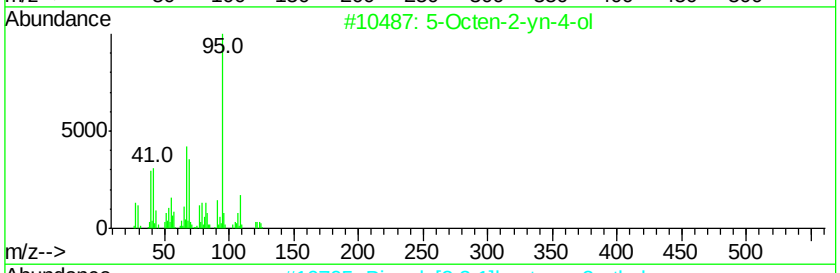
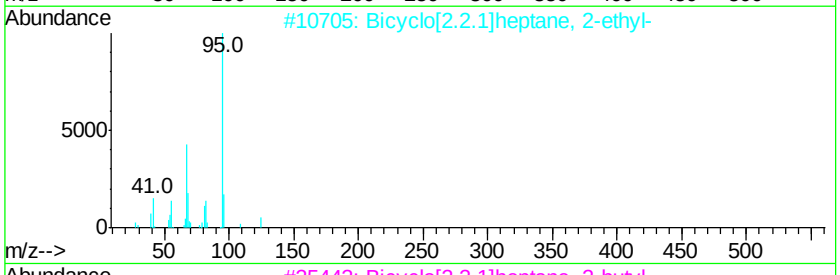
Peak Number 13 unknown14.15 Concentration Rank 17

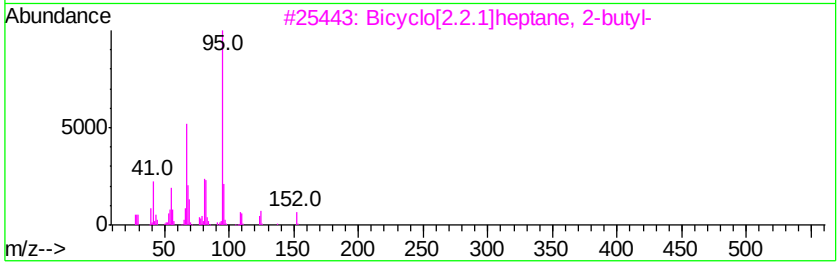
R.T.	EstConc	Area	Relative to ISTD	R.T.
14.15	8.30 ng	361106	Acenaphthene-d10	14.84

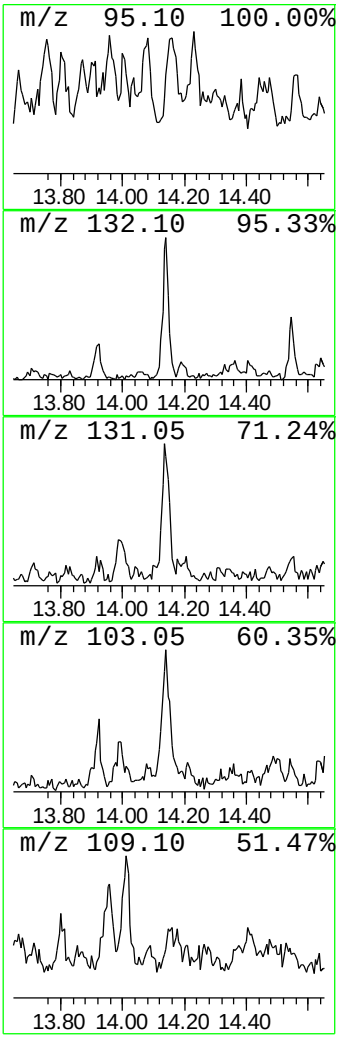
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Octen-2-yn-4-ol	124	C8H12O	1000196-87-1	14
2	Bicyclo[2.2.1]heptane, 2-ethyl-	124	C9H16	002146-41-0	11
3	Bicyclo[2.2.1]heptane, 2-butyl-	152	C11H20	061177-16-0	11
4	6-Methyl-2-heptyne	110	C8H14	051065-64-6	10
5	Ethanone, 1-bicyclo[2.2.1]hept-2...	138	C9H14O	000824-59-9	10











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ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-16

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG122116.M
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TIC Library : C:\DATABASE\NIST11.L
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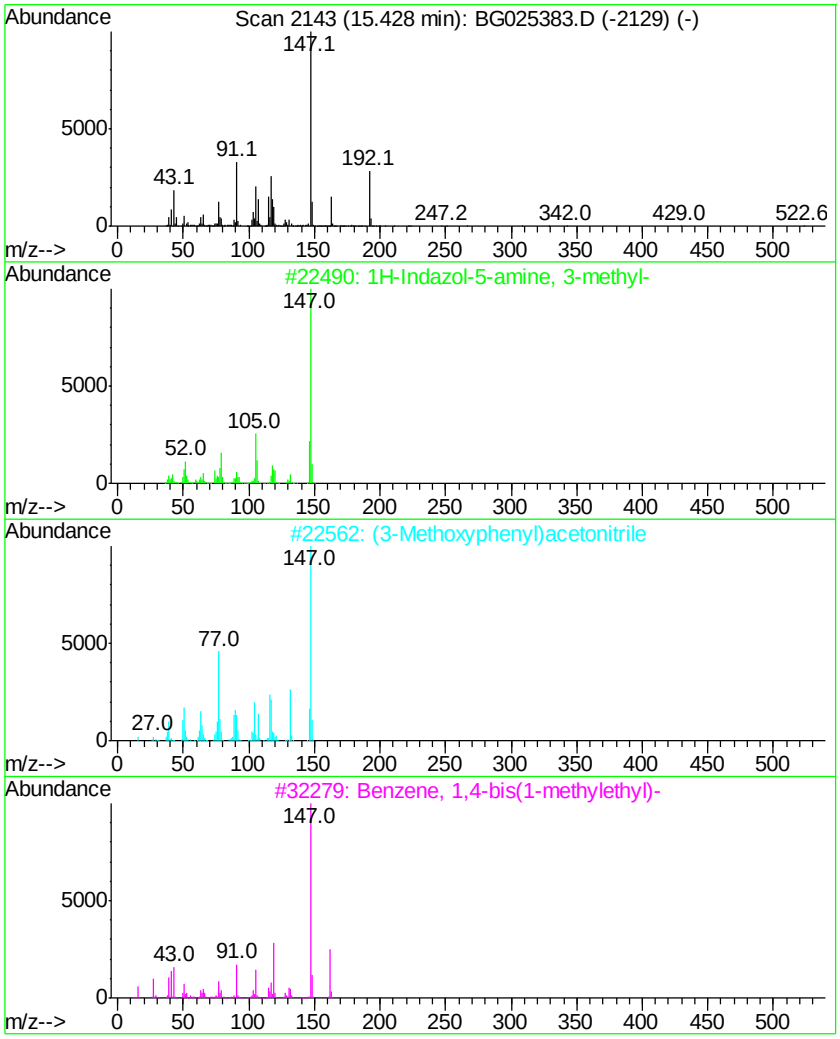
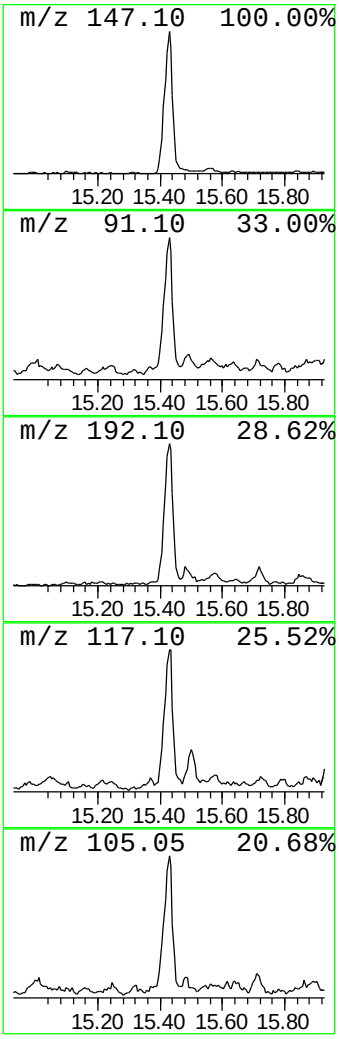
Peak Number 14 1H-Indazol-5-amine, 3-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.43	66.82 ng	2906950	Acenaphthene-d10	14.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indazol-5-amine, 3-methyl-	147	C8H9N3	1000338-20-2	50
2	(3-Methoxyphenyl)acetonitrile	147	C9H9NO	019924-43-7	50
3	Benzene, 1,4-bis(1-methylethyl)-	162	C12H18	000100-18-5	47
4	Benzoic acid, 4-propyl-, 4-cyano...	265	C17H15NO2	056131-49-8	43
5	Benzoic acid, 4-propyl-, 4-cyano...	283	C17H14FNO2	086776-51-4	43





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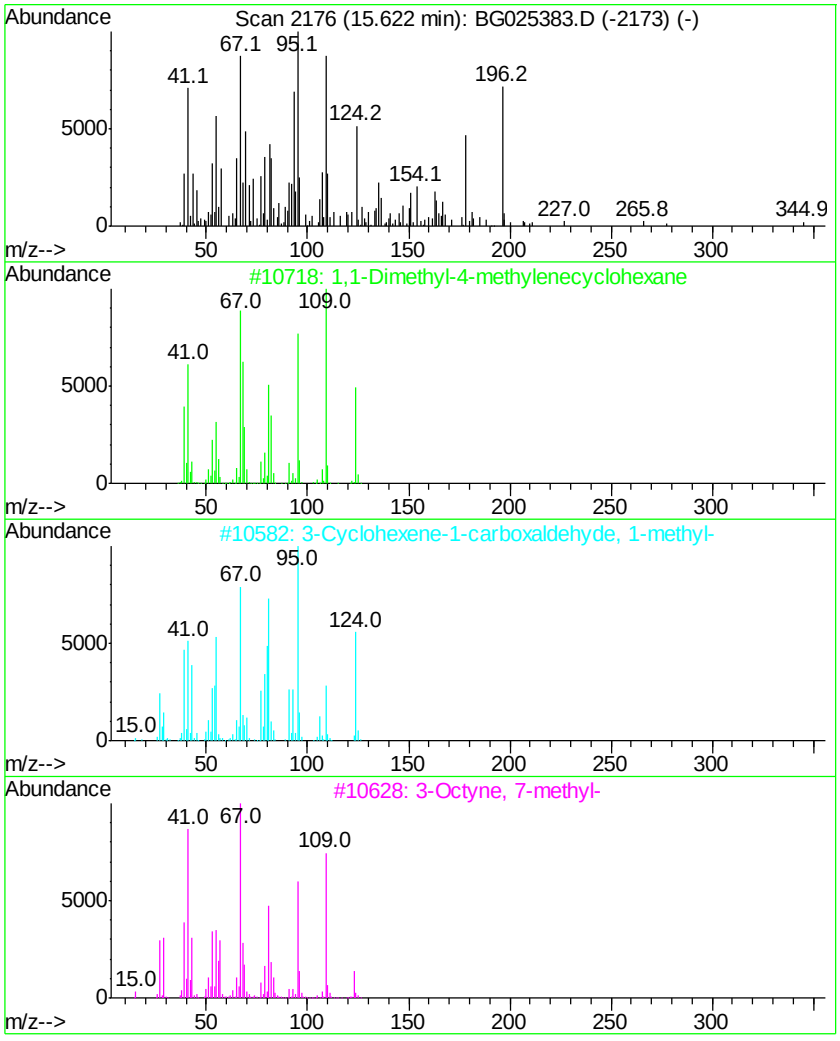
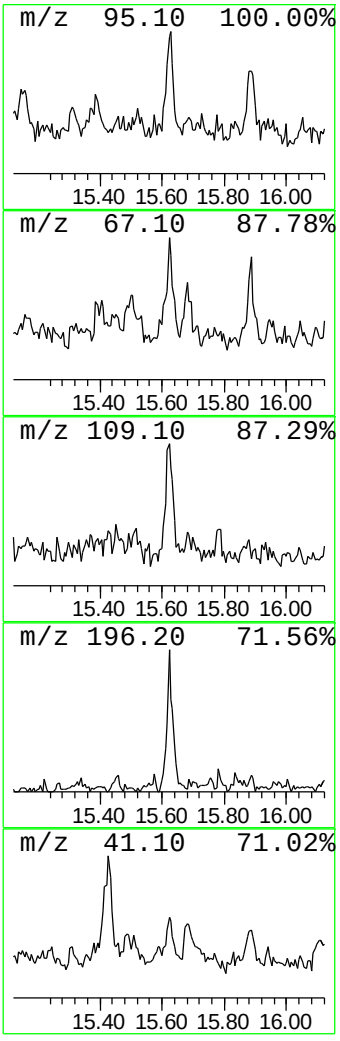
Peak Number 15 unknown15.62 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.62	7.47 ng	325002	Acenaphthene-d10	14.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1-Dimethyl-4-methylenecyclohexane	124	C9H16	006007-96-1	46
2	3-Cyclohexene-1-carboxaldehyde, ...	124	C8H12O	000931-96-4	43
3	3-Octyne, 7-methyl-	124	C9H16	037050-06-9	35
4	Santolina epoxide	152	C10H16O	060485-45-2	27
5	Cyclohexene, 3,5,5-trimethyl-	124	C9H16	000933-12-0	25





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TIC Integration Parameters: LSCINT.P

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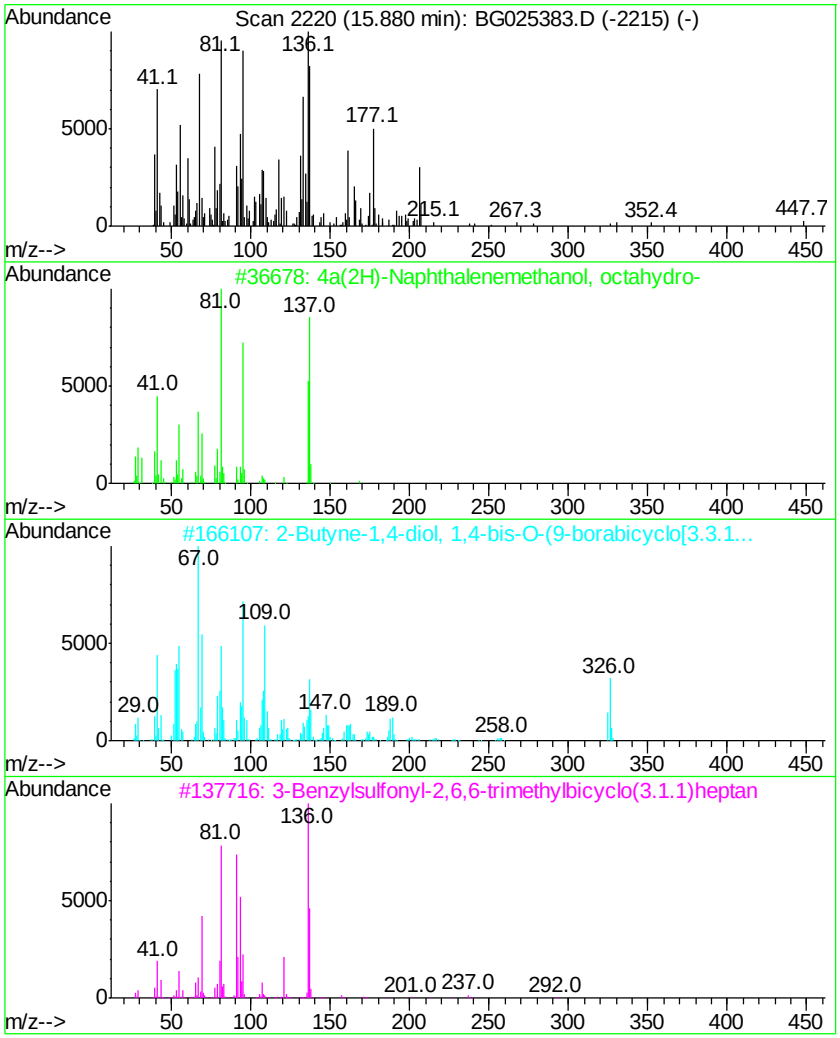
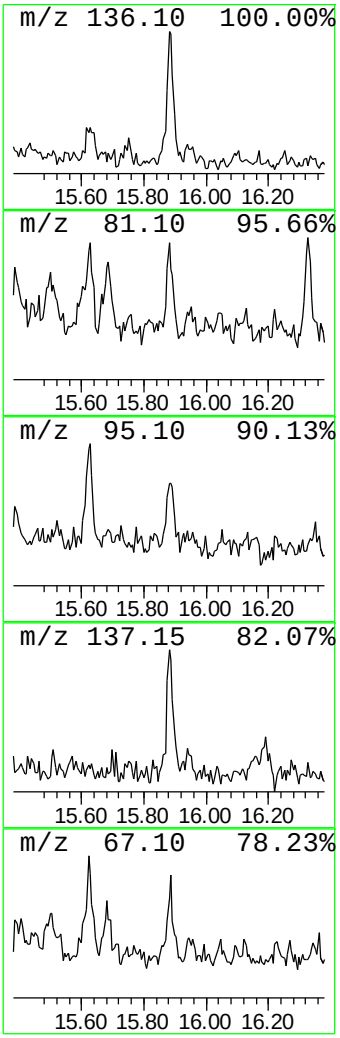
Peak Number 16 unknown15.88 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.88	9.94 ng	432371	Acenaphthene-d10	14.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4a(2H)-Naphthalenemethanol, octa...	168	C11H20O	099992-19-5	35
2	2-Butyne-1,4-diol, 1,4-bis-O-(9-...	326	C20H32B2O2	1000150-45-1	27
3	3-Benzylsulfonyl-2,6,6-trimethyl...	292	C17H24O2S	1000242-12-7	27
4	Phenol, 3-(dimethylamino)-	137	C8H11NO	000099-07-0	14
5	Benzenaminium, 3-hydroxy-N,N,N-t...	279	C9H14INO	002498-27-3	14





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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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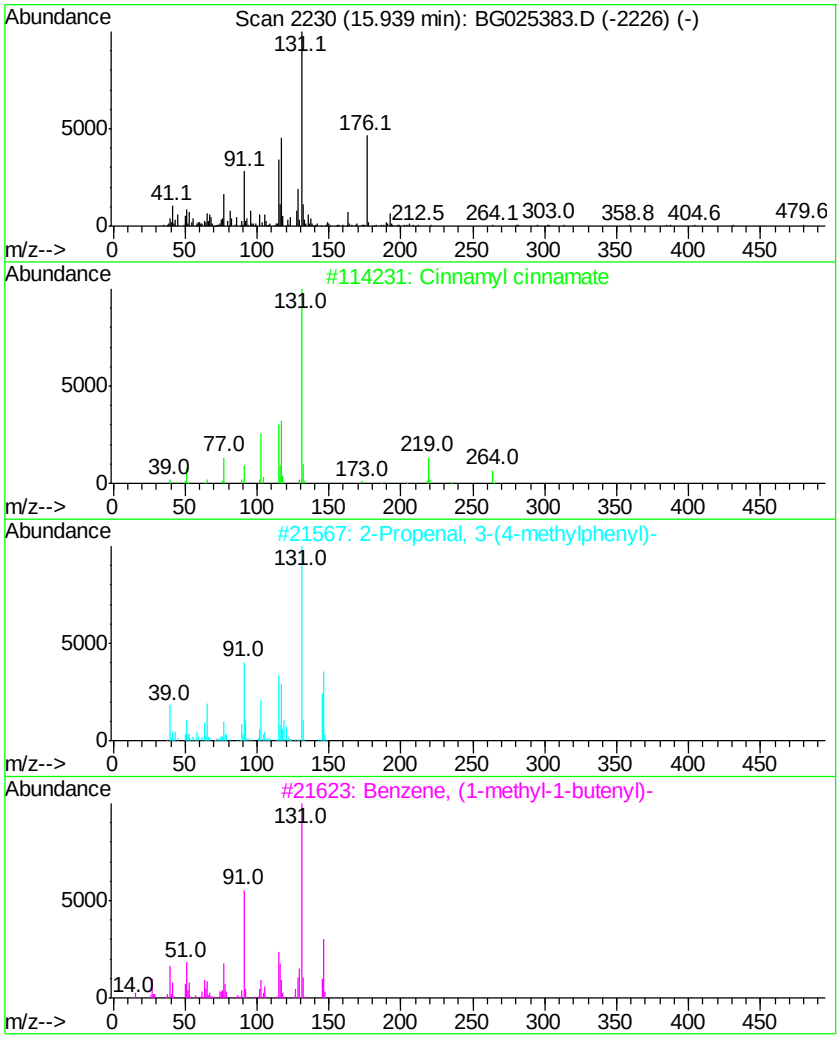
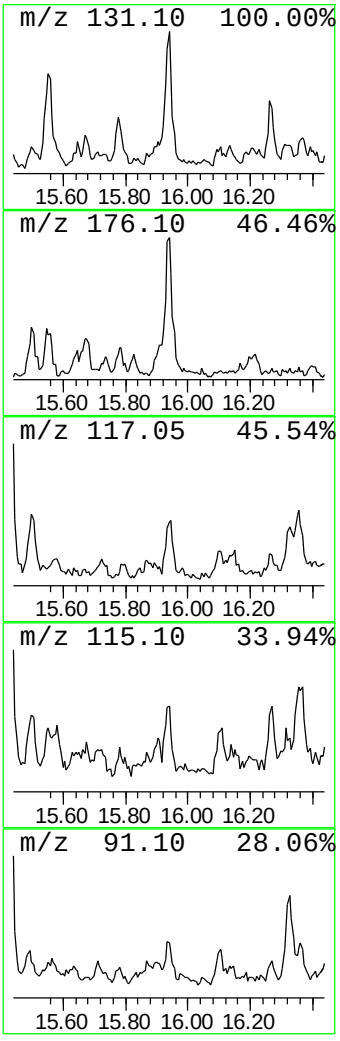
Peak Number 17 Cinnamyl cinnamate Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.94	9.09 ng	395581	Acenaphthene-d10	14.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cinnamyl cinnamate	264	C18H16O2	000122-69-0	53
2	2-Propenal, 3-(4-methylphenyl)-	146	C10H10O	001504-75-2	47
3	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	47
4	1H-Indene, 2,3-dihydro-4-propyl-	160	C12H16	092013-16-6	42
5	3-Pentenoic acid, 4-phenyl-	176	C11H12O2	053774-19-9	40





Data Path : Z:\HPCHEM1\BNA G\DATA\BG122216\
Data File : BG025383.D
Acq On : 22 Dec 2016 10:50
Operator : UM/SJ
Sample : H6166-03
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-16

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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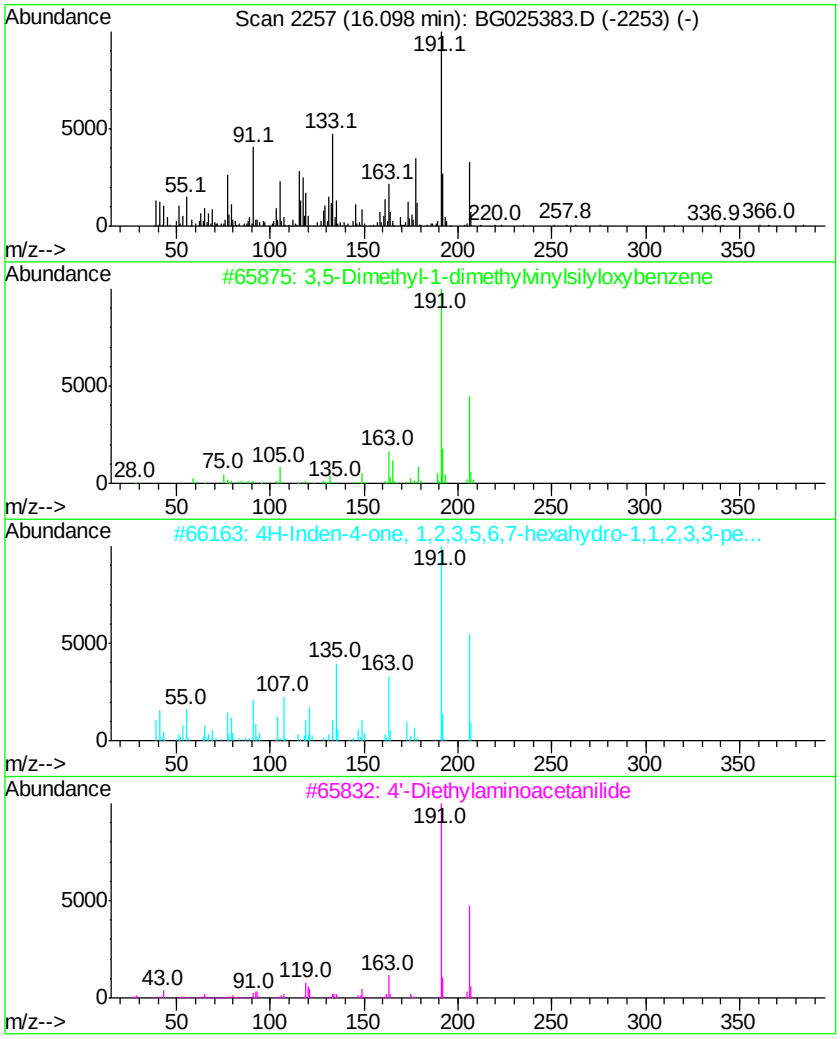
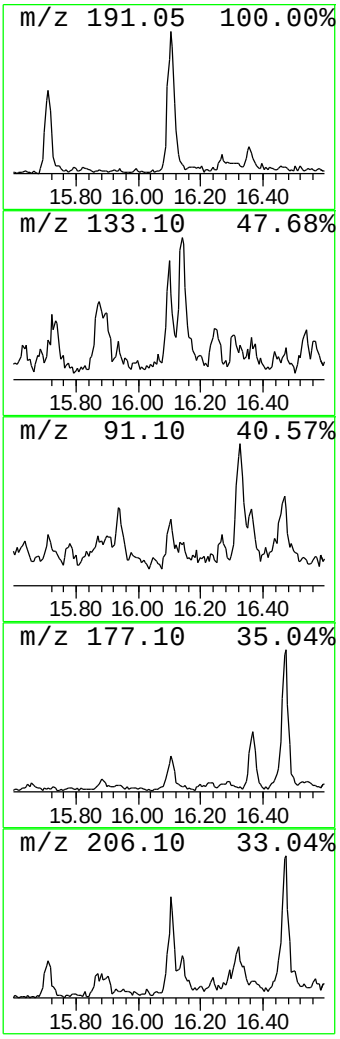
Peak Number 18 3,5-Dimethyl-1-dimethylviny... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.10	12.91 ng	561580	Acenaphthene-d10	14.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,5-Dimethyl-1-dimethylvinylsilv...	206	C12H18OSi	1000307-91-8	58
2	4H-Inden-4-one, 1,2,3,5,6,7-hexa...	206	C14H22O	033704-61-9	52
3	4'-Diethylaminoacetanilide	206	C12H18N2O	005326-57-8	46
4	Phenol, 2,6-bis(1,1-dimethylethyl)-	206	C14H22O	000128-39-2	46
5	Phenol, 3,5-bis(1,1-dimethylethyl)-	206	C14H22O	001138-52-9	43





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Data File : BG025383.D
Acq On : 22 Dec 2016 10:50
Operator : UM/SJ
Sample : H6166-03
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-16

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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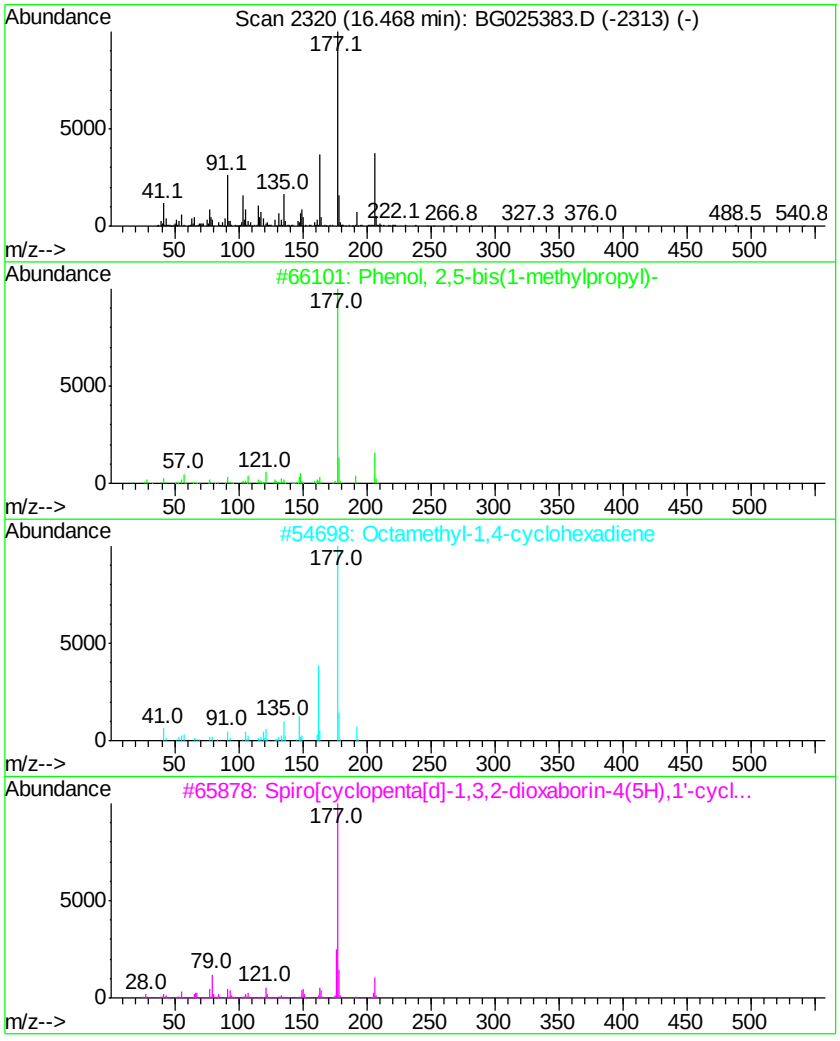
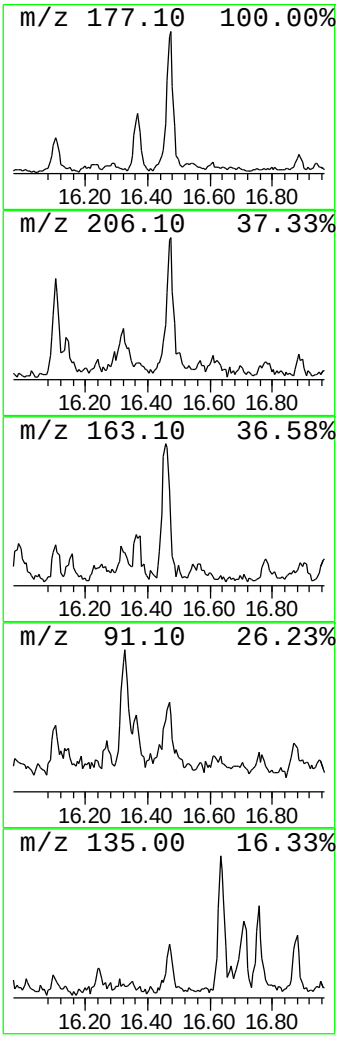
Peak Number 19 Phenol, 2,5-bis(1-methylpro... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.47	10.80 ng	543690	Phenanthrene-d10	17.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2,5-bis(1-methylpropyl)-	206	C14H22O	054932-77-3	53
2	Octamethyl-1,4-cyclohexadiene	192	C14H24	172684-93-4	52
3	Spiro[cyclopenta[d]-1,3,2-dioxab...	206	C12H19BO2	062238-26-0	50
4	Benzene, 1-(1-carboxyethyl)-4-(1...	206	C12H14O3	1000161-22-9	47
5	4-Propylbenzaldehyde diethyl acetal	222	C14H22O2	089557-35-7	46





Data Path : Z:\HPCHEM1\BNA G\DATA\BG122216\
Data File : BG025383.D
Acq On : 22 Dec 2016 10:50
Operator : UM/SJ
Sample : H6166-03
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-16

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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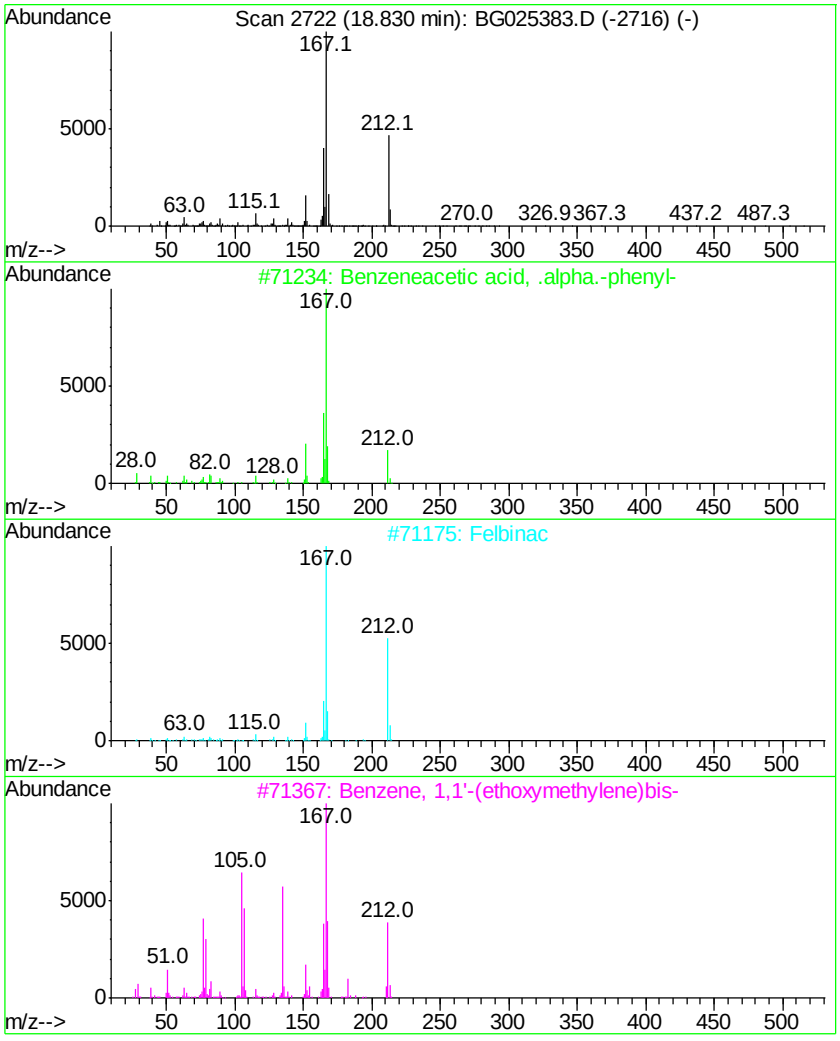
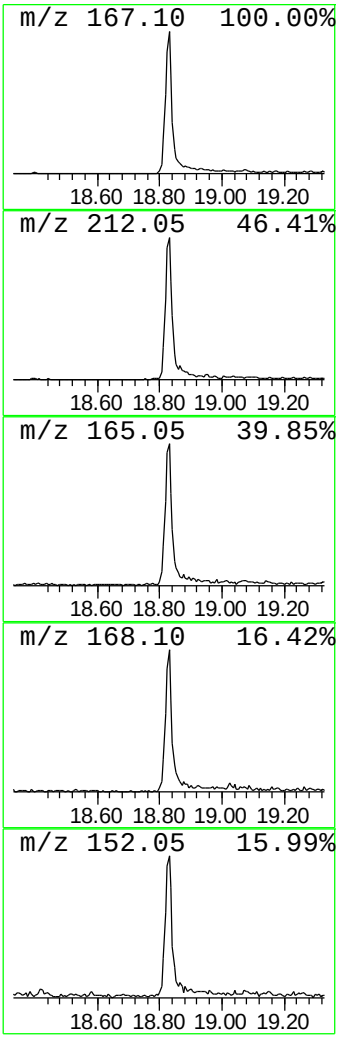
Peak Number 20 Benzeneacetic acid, .alpha.... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.83	26.66 ng	1341990	Phenanthrene-d10	17.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzeneacetic acid, .alpha.-phenyl-	212	C14H12O2	000117-34-0	90
2	Felbinac	212	C14H12O2	005728-52-9	90
3	Benzene, 1,1'-(ethoxymethylene)bis-	212	C15H16O	005670-78-0	80
4	Benzoic acid, 4-(phenylmethyl)-	212	C14H12O2	000620-86-0	78
5	4-Propyl-1,1'-diphenyl	196	C15H16	010289-45-9	64





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG122216\
Data File : BG025383.D
Acq On : 22 Dec 2016 10:50
Operator : UM/SJ
Sample : H6166-03
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-16

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG122116.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
2-Pentanone, 4-hy...	5.28	9.9	ng	231610	1	8.21	469541	20.0
unknown7.74	7.74	63.6	ng	1492620	1	8.21	469541	20.0
3-Buten-2-ol, 2,3...	8.91	12.3	ng	289773	1	8.21	469541	20.0
unknown10.05	10.05	7.7	ng	310448	2	11.04	807100	20.0
unknown10.42	10.42	7.6	ng	304911	2	11.04	807100	20.0
unknown11.20	11.20	11.9	ng	481353	2	11.04	807100	20.0
unknown11.33	11.33	9.6	ng	385214	2	11.04	807100	20.0
Trichloroacetic a...	11.91	13.8	ng	556143	2	11.04	807100	20.0
unknown12.83	12.83	19.2	ng	774760	2	11.04	807100	20.0
unknown12.98	12.98	11.0	ng	476760	3	14.84	870050	20.0
unknown13.52	13.52	10.9	ng	473059	3	14.84	870050	20.0
unknown14.15	14.15	8.3	ng	361106	3	14.84	870050	20.0
1H-Indazol-5-amin...	15.43	66.8	ng	2906950	3	14.84	870050	20.0
unknown15.62	15.62	7.5	ng	325002	3	14.84	870050	20.0
unknown15.88	15.88	9.9	ng	432371	3	14.84	870050	20.0
Cinnamyl cinnamate	15.94	9.1	ng	395581	3	14.84	870050	20.0
3,5-Dimethyl-1-di...	16.10	12.9	ng	561580	3	14.84	870050	20.0
Phenol, 2,5-bis(1...	16.47	10.8	ng	543690	4	17.58	1006660	20.0
Benzeneacetic aci...	18.83	26.7	ng	1341990	4	17.58	1006660	20.0