

Data Path : Z:\HPCHEM1\BNA G\DATA\BG120415\
 Data File : BG019916.D
 Acq On : 4 Dec 2015 22:22
 Operator : UM/NP
 Sample : G4630-02
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-37

Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Sampling : 1

Start Thrs: 0.2

Stop Thrs : 0

Filtering: 5

Min Area: 3 % of largest Peak

Max Peaks: 100

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	5.658	475	480	489	rVB	270350	447823	16.48%	0.735%
2	5.981	524	535	544	rVV4	69840	155807	5.74%	0.256%
3	6.134	556	561	567	rVV4	36132	87671	3.23%	0.144%
4	6.369	595	601	607	rBV2	59504	98581	3.63%	0.162%
5	7.133	727	731	739	rVB4	40749	88594	3.26%	0.145%
6	7.262	746	753	759	rBV	192859	369345	13.60%	0.606%
7	7.309	759	761	767	rVV	46147	81662	3.01%	0.134%
8	7.515	788	796	797	rBV2	61563	105367	3.88%	0.173%
9	7.644	811	818	825	rVB	526624	902923	33.24%	1.481%
10	8.114	886	898	904	rBV2	134572	392064	14.43%	0.643%
11	8.443	948	954	959	rVV	464281	817183	30.08%	1.341%
12	8.490	959	962	970	rVB3	75565	151480	5.58%	0.249%
13	8.760	1001	1008	1012	rBV4	37419	80414	2.96%	0.132%
14	8.825	1012	1019	1022	rBV5	86427	194113	7.15%	0.318%
15	8.954	1038	1041	1046	rVB3	46121	77064	2.84%	0.126%
16	9.013	1046	1051	1055	rBV	80768	144840	5.33%	0.238%
17	9.189	1068	1081	1085	rBV5	120447	336452	12.38%	0.552%
18	9.230	1085	1088	1092	rVV4	96168	166198	6.12%	0.273%
19	9.283	1092	1097	1107	rVB2	369031	829994	30.55%	1.362%
20	9.565	1138	1145	1150	rBV4	90898	243880	8.98%	0.400%
21	9.618	1151	1154	1164	rVB6	119442	329004	12.11%	0.540%
22	9.753	1172	1177	1184	rVB2	163953	305999	11.26%	0.502%
23	9.853	1191	1194	1204	rVB10	48652	106894	3.93%	0.175%
24	10.024	1204	1223	1230	rBV7	241473	850089	31.29%	1.395%
25	10.123	1230	1240	1242	rBV5	122434	253749	9.34%	0.416%
26	10.176	1245	1249	1257	rVB6	190988	395277	14.55%	0.648%
27	10.276	1262	1266	1270	rBV5	50508	81959	3.02%	0.134%
28	10.335	1270	1276	1282	rBV4	170060	338057	12.44%	0.555%
29	10.405	1282	1288	1295	rBV3	111716	281128	10.35%	0.461%
30	10.529	1305	1309	1318	rVB4	98266	220527	8.12%	0.362%
31	10.746	1335	1346	1347	rBV5	188928	530425	19.52%	0.870%
32	10.899	1364	1372	1373	rBV2	145024	295066	10.86%	0.484%
33	10.940	1374	1379	1393	rVB5	433719	1545414	56.89%	2.535%
34	11.052	1393	1398	1411	rVB10	164924	569254	20.95%	0.934%

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

35	11.240	1411	1430	1435	rBV5	509870	1936105	71.27%	3.176%
36	11.310	1436	1442	1447	rBV6	135469	396014	14.58%	0.650%
37	11.539	1473	1481	1486	rVB5	356066	1032988	38.02%	1.695%
38	11.598	1486	1491	1493	rVV4	184921	321700	11.84%	0.528%
39	11.622	1493	1495	1504	rVB	205693	306140	11.27%	0.502%
40	11.751	1514	1517	1522	rBV6	82280	153290	5.64%	0.251%
41	11.827	1526	1530	1537	rVB6	222232	549485	20.23%	0.901%
42	11.945	1544	1550	1555	rBV6	381562	746967	27.50%	1.225%
43	12.062	1564	1570	1577	rVB3	303824	642786	23.66%	1.054%
44	12.133	1577	1582	1584	rBV4	150077	262562	9.66%	0.431%
45	12.192	1588	1592	1599	rVB	262150	406066	14.95%	0.666%
46	12.274	1599	1606	1612	rBV2	259080	629497	23.17%	1.033%
47	12.338	1613	1617	1621	rVB2	129387	174792	6.43%	0.287%
48	12.385	1622	1625	1629	rBV	147856	186731	6.87%	0.306%
49	12.509	1636	1646	1648	rBV3	324693	909308	33.47%	1.492%
50	12.532	1648	1650	1656	rVB3	419495	586774	21.60%	0.963%
51	12.615	1657	1664	1673	rBV3	281977	940872	34.63%	1.543%
52	12.703	1673	1679	1683	rBV	445483	888045	32.69%	1.457%
53	12.767	1687	1690	1698	rVB8	206262	453083	16.68%	0.743%
54	12.944	1715	1720	1724	rBV5	254080	510796	18.80%	0.838%
55	13.038	1729	1736	1743	rVB4	500435	1283642	47.25%	2.106%
56	13.102	1744	1747	1749	rBV4	111763	148284	5.46%	0.243%
57	13.196	1756	1763	1766	rBV4	374830	924570	34.03%	1.517%
58	13.243	1768	1771	1775	rVV	675763	1109899	40.86%	1.821%
59	13.290	1775	1779	1787	rVV9	354438	1129123	41.56%	1.852%
60	13.378	1789	1794	1806	rVB	1401078	2716661	100.00%	4.457%
61	13.707	1841	1850	1860	rBV	352072	1627094	59.89%	2.669%
62	13.989	1892	1898	1900	rBV5	293111	588141	21.65%	0.965%
63	14.019	1901	1903	1907	rVB3	290829	359234	13.22%	0.589%
64	14.066	1907	1911	1916	rBV5	318207	710634	26.16%	1.166%
65	14.465	1974	1979	1981	rBV4	340720	613713	22.59%	1.007%
66	14.683	2010	2016	2023	rVB3	839131	1726162	63.54%	2.832%
67	14.753	2024	2028	2032	rBV	405156	578984	21.31%	0.950%
68	14.853	2039	2045	2050	rBV2	922486	1529393	56.30%	2.509%
69	14.918	2052	2056	2060	rBV3	310505	438327	16.13%	0.719%
70	14.965	2061	2064	2067	rBV4	189142	321856	11.85%	0.528%
71	15.035	2073	2076	2079	rVB2	347706	418802	15.42%	0.687%

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72	15.100	2083	2087	2095	rVB5	610010	1266981	46.64%	2.078%
73	15.176	2097	2100	2104	rVB5	222518	286182	10.53%	0.469%
74	15.259	2104	2114	2120	rBV2	561674	1404294	51.69%	2.304%
75	15.317	2120	2124	2125	rBV2	297233	393023	14.47%	0.645%
76	15.411	2136	2140	2144	rBV4	342397	612112	22.53%	1.004%
77	15.488	2148	2153	2163	rVB3	1119098	2604703	95.88%	4.273%
78	15.623	2171	2176	2180	rVB5	653690	1063808	39.16%	1.745%
79	15.828	2207	2211	2214	rBV3	303582	483330	17.79%	0.793%
80	15.875	2215	2219	2224	rVV5	531981	1012874	37.28%	1.662%
81	15.928	2224	2228	2233	rVB3	346744	605377	22.28%	0.993%
82	16.081	2250	2254	2260	rBV5	291171	745071	27.43%	1.222%
83	16.240	2278	2281	2286	rVB2	1115732	1654952	60.92%	2.715%
84	16.293	2286	2290	2293	rBV3	255448	389975	14.35%	0.640%
85	16.340	2294	2298	2307	rVB4	431161	862309	31.74%	1.415%
86	17.244	2448	2452	2455	rBV4	216044	309766	11.40%	0.508%
87	17.286	2456	2459	2463	rVB2	293002	391840	14.42%	0.643%
88	17.350	2464	2470	2475	rBV7	285901	616427	22.69%	1.011%
89	17.497	2491	2495	2499	rBV2	260615	378182	13.92%	0.620%
90	18.161	2605	2608	2609	rBV	176945	196744	7.24%	0.323%
91	18.396	2644	2648	2652	rVB4	289843	437616	16.11%	0.718%
92	18.449	2654	2657	2663	rVB2	203462	301214	11.09%	0.494%
93	19.642	2856	2860	2866	rBV	296988	362338	13.34%	0.594%
94	20.094	2932	2937	2942	rBV	2002550	2497502	91.93%	4.097%
95	20.776	3050	3053	3060	rVB	94741	121134	4.46%	0.199%
96	21.040	3094	3098	3102	rVB	100090	121117	4.46%	0.199%
97	21.393	3155	3158	3168	rVB2	74813	132628	4.88%	0.218%
98	21.551	3181	3185	3189	rVB	81986	105010	3.87%	0.172%
99	21.763	3215	3221	3228	rVB	465217	765881	28.19%	1.256%
100	25.047	3770	3780	3791	rVB	251601	702441	25.86%	1.152%

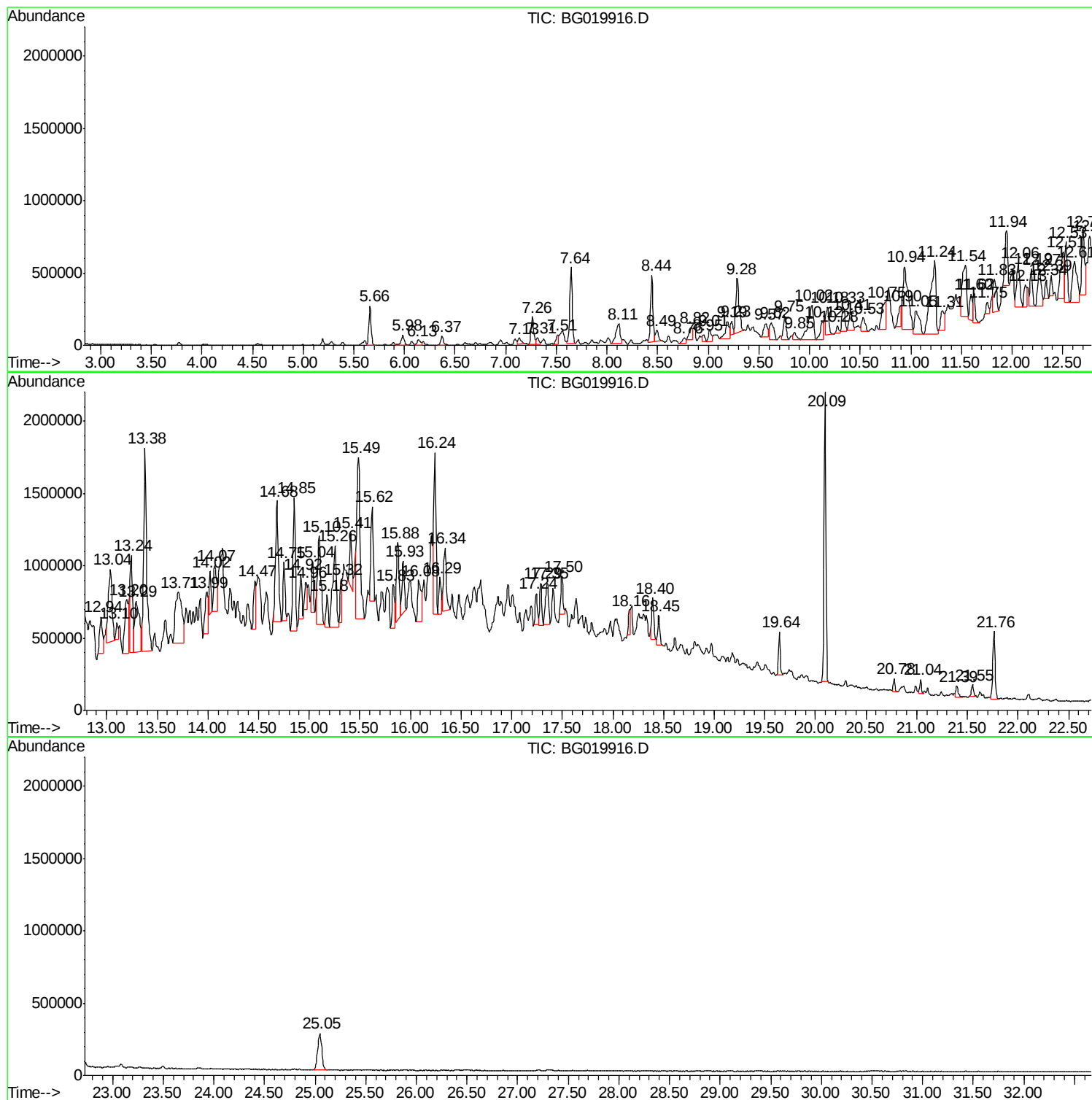
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Instrument :
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Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG120215.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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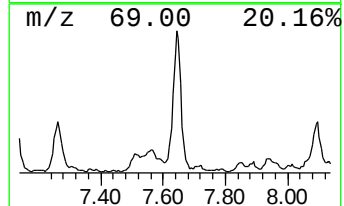
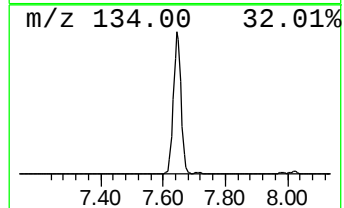
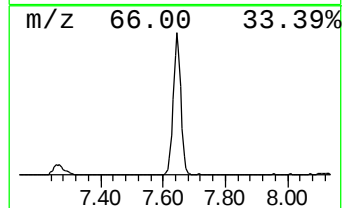
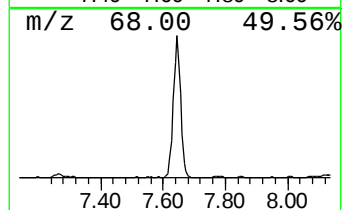
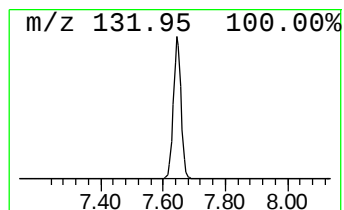
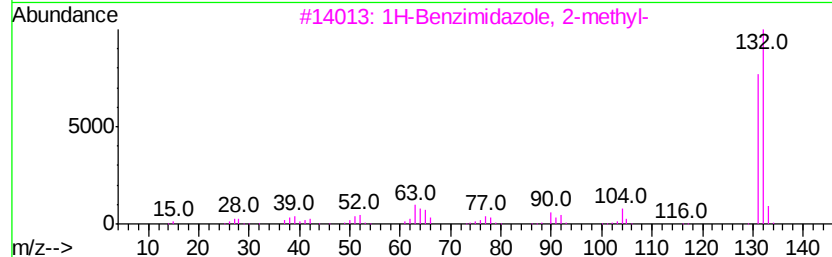
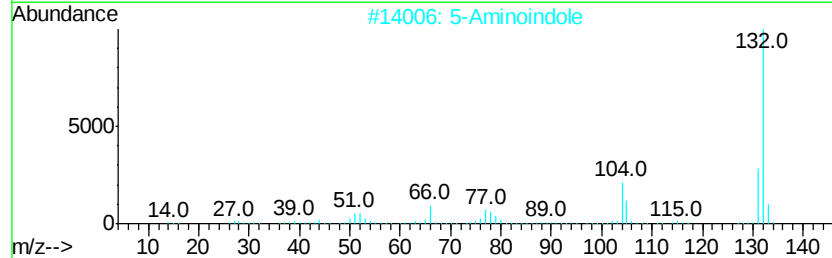
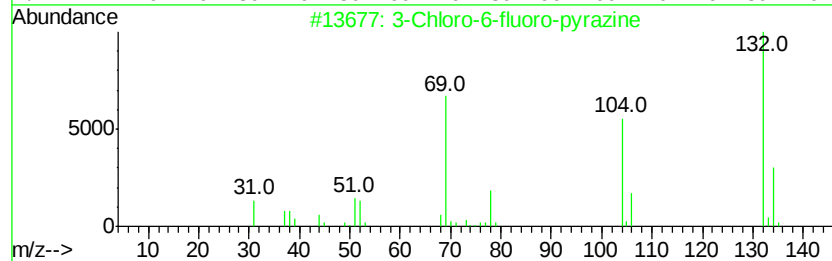
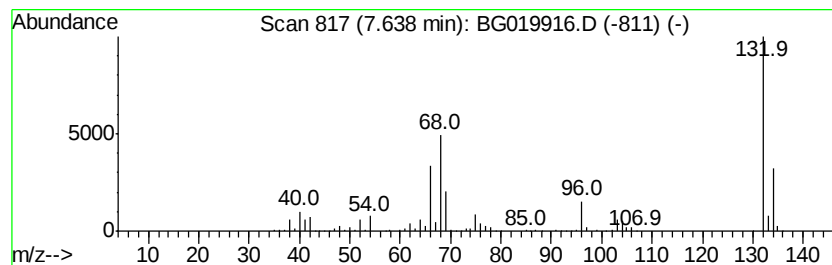
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG120215.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown7.64 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.64	46.06 ng	902923	1,4-Dichlorobenzene-d4	8.12

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		5-Aminoindole	132	C8H8N2	005192-03-0	22
3		1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
4		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
5		2-Cyclohexen-1-one	96	C6H8O	000930-68-7	11



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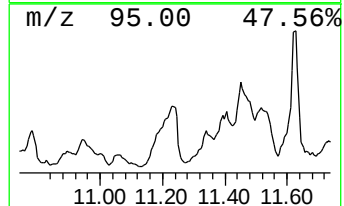
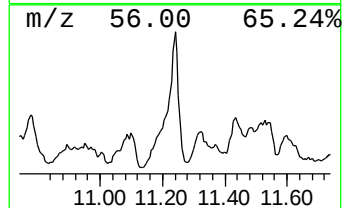
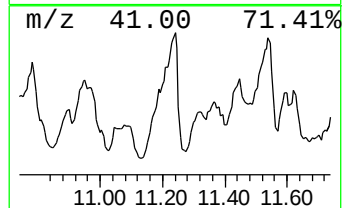
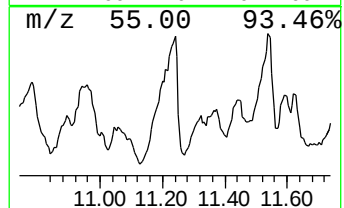
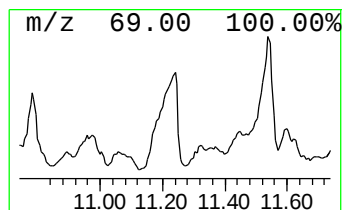
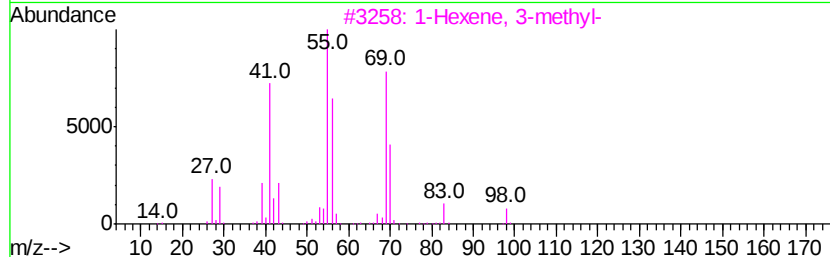
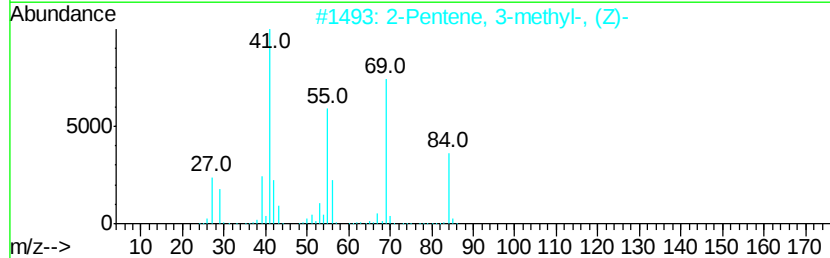
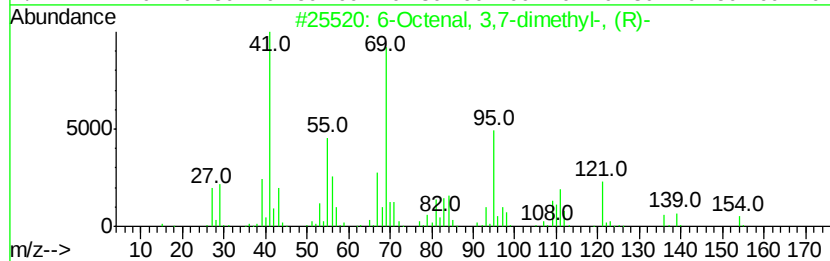
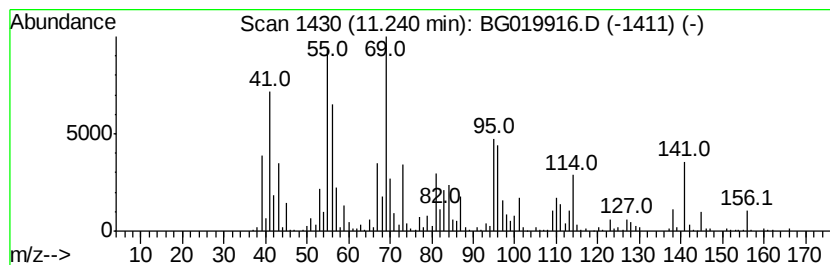
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 unknown11.24 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.24	25.06 ng	1936110	Napthalene-d8	10.93	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	6-Octenal, 3,7-dimethyl-, (R)-	154	C10H18O	002385-77-5	38
2	2-Pentene, 3-methyl-, (Z)-	84	C6H12	000922-62-3	30
3	1-Hexene, 3-methyl-	98	C7H14	003404-61-3	30
4	1-Pentene, 3-methyl-	84	C6H12	000760-20-3	30
5	Pentane, 3-methylene-	84	C6H12	000760-21-4	30



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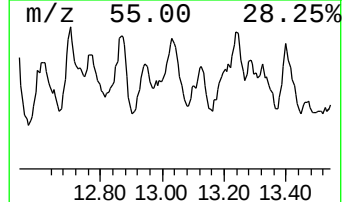
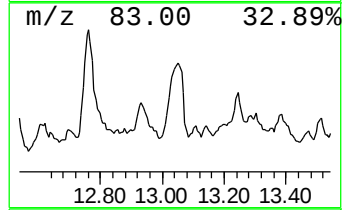
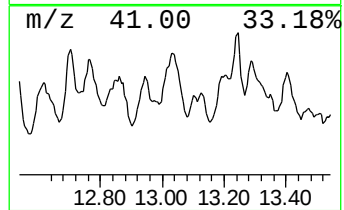
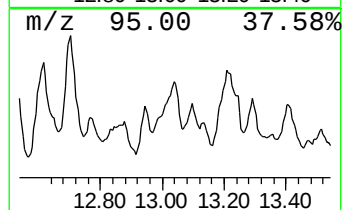
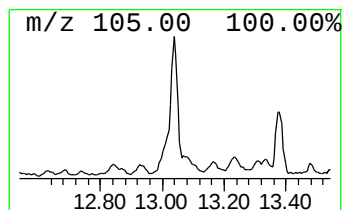
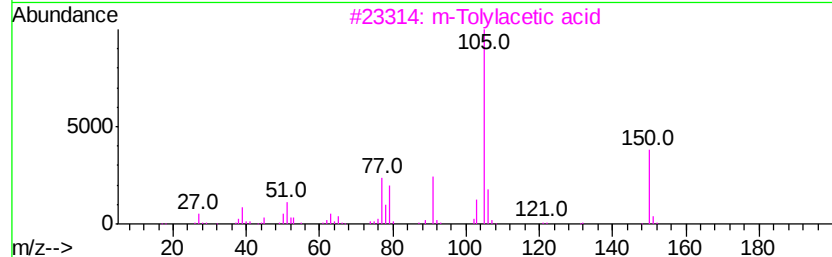
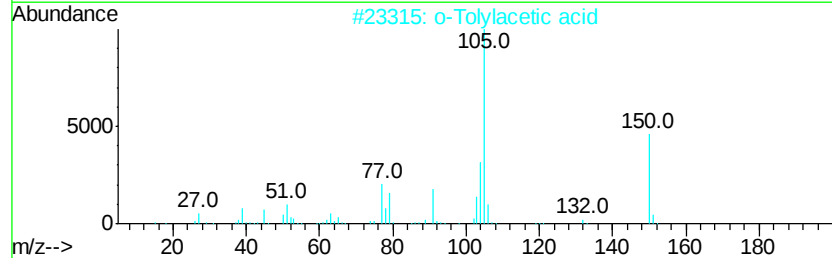
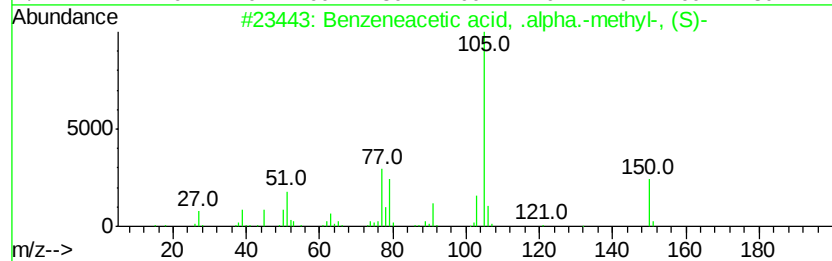
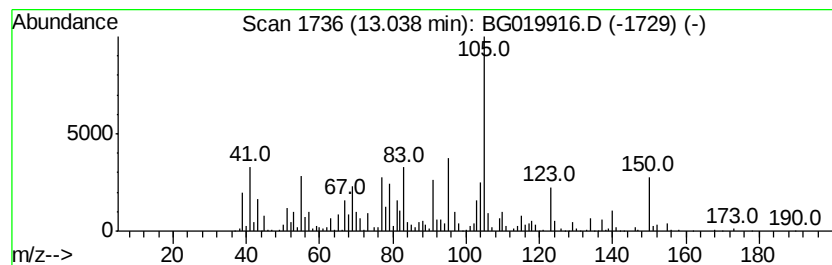
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Benzeneacetic acid, .alpha.... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.04	44.34 ng	1283640	Acenaphthene-d10	14.75

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzeneacetic acid, .alpha.-meth...	150	C9H10O2	007782-24-3	55
2		o-Tolylacetic acid	150	C9H10O2	000644-36-0	50
3		m-Tolylacetic acid	150	C9H10O2	000621-36-3	47
4		Benzeneacetic acid, .alpha.-methyl-	150	C9H10O2	000492-37-5	42
5		Benzeneacetic acid, .alpha.-meth...	150	C9H10O2	007782-26-5	42



Data Path : Z:\HPCHEM1\BNA G\DATA\BG120415\
Data File : BG019916.D
Acq On : 4 Dec 2015 22:22
Operator : UM/NP
Sample : G4630-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW-37

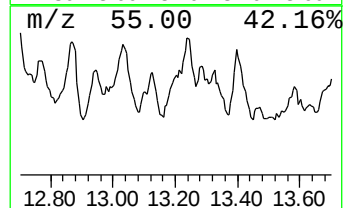
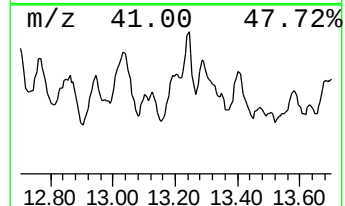
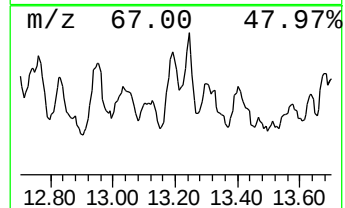
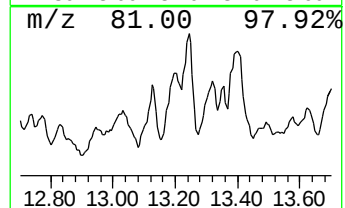
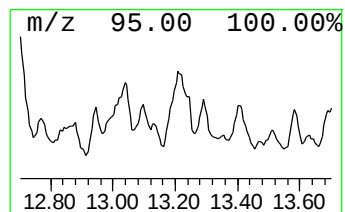
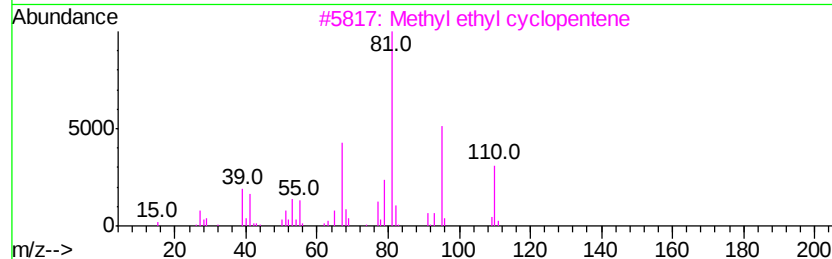
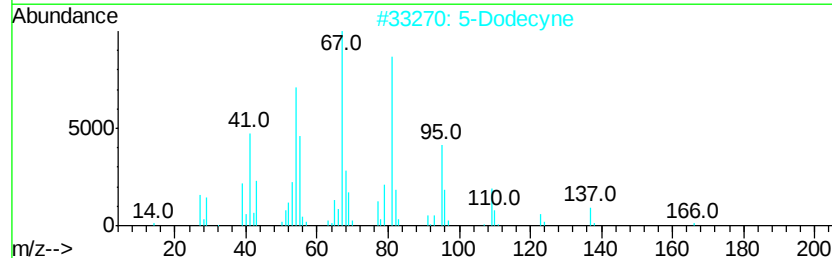
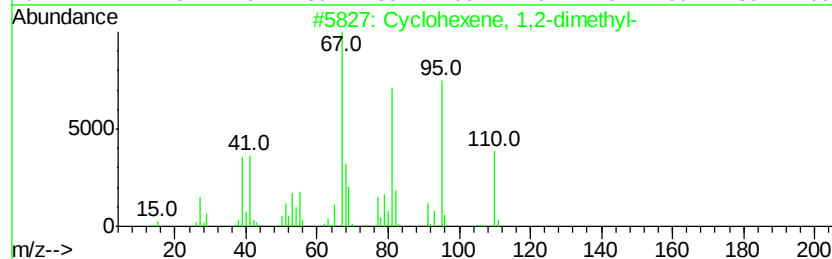
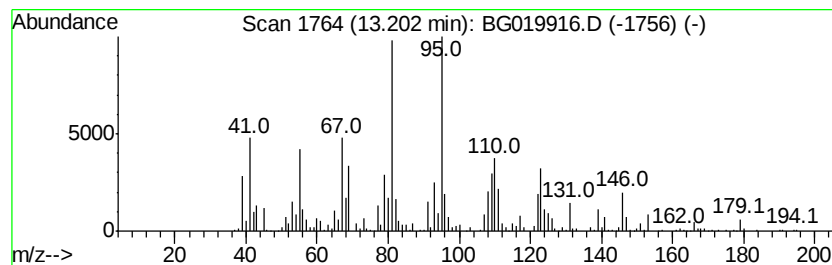
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Cyclohexene, 1,2-dimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.20	31.94 ng	924570	Acenaphthene-d10	14.75

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cyclohexene, 1,2-dimethyl-	110	C8H14	001674-10-8	64
2		5-Dodecyne	166	C12H22	019780-12-2	49
3		Methyl ethyl cyclopentene	110	C8H14	019780-56-4	46
4		3-Octyne, 5-methyl-	124	C9H16	062108-33-2	41
5		Cyclohexane, ethylidene-	110	C8H14	001003-64-1	41



Data Path : Z:\HPCHEM1\BNA G\DATA\BG120415\
Data File : BG019916.D
Acq On : 4 Dec 2015 22:22
Operator : UM/NP
Sample : G4630-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

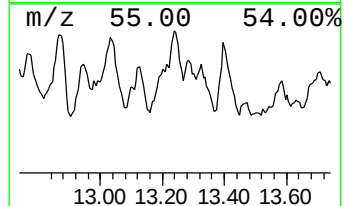
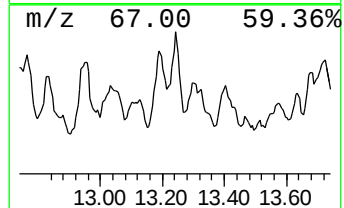
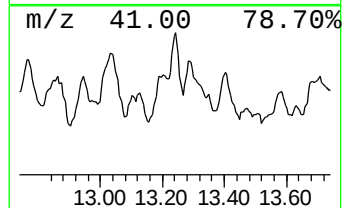
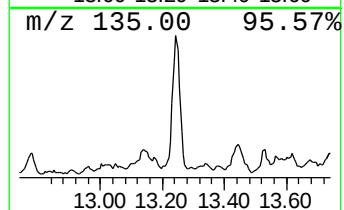
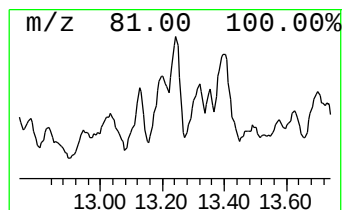
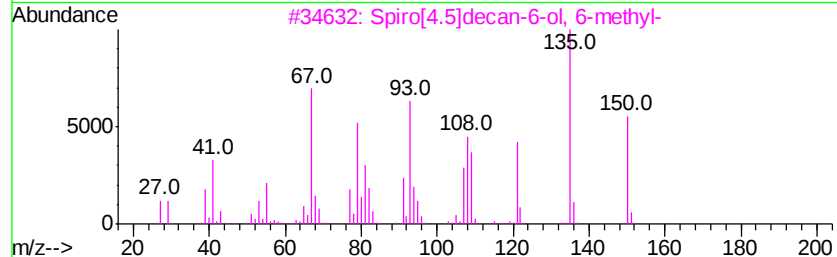
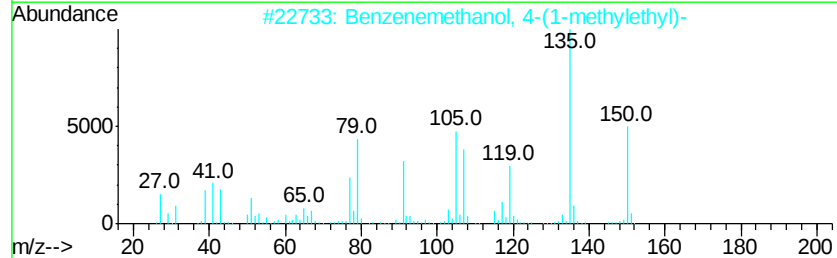
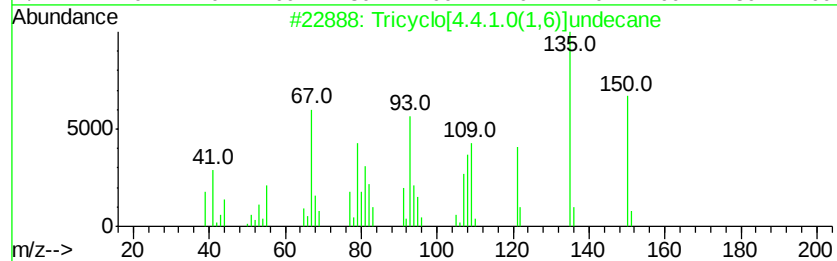
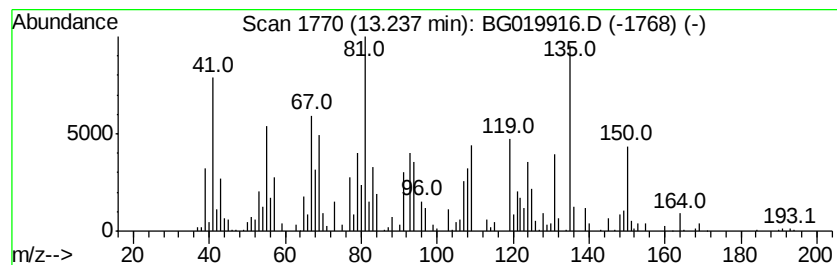
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG120215.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 unknown13.24 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.24	38.34 ng	1109900	Acenaphthene-d10	14.75	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tricyclo[4.4.1.0(1,6)]undecane	150	C11H18	006571-73-9	46
2	Benzenemethanol, 4-(1-methylethyl)-	150	C10H14O	000536-60-7	38
3	Spiro[4.5]decan-6-ol, 6-methyl-	168	C11H20O	014551-31-6	35
4	Naphthalene, 1,2,3,4,4a,5,6,7-oc...	150	C11H18	013943-77-6	30
5	2-(1-Cyclohexenyl)ethylamine	125	C8H15N	003399-73-3	25



Data Path : Z:\HPCHEM1\BNA G\DATA\BG120415\
Data File : BG019916.D
Acq On : 4 Dec 2015 22:22
Operator : UM/NP
Sample : G4630-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

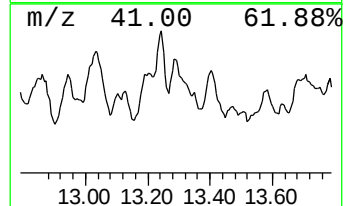
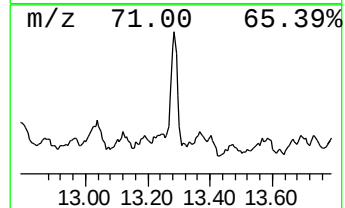
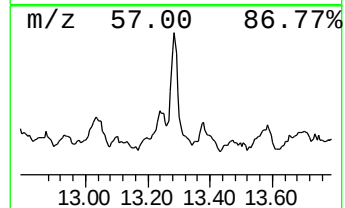
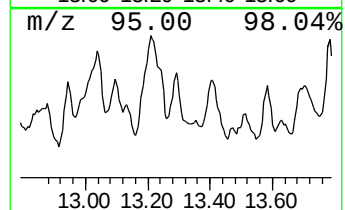
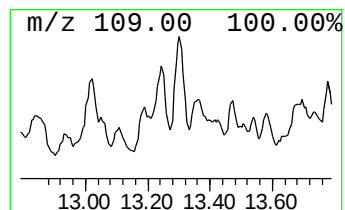
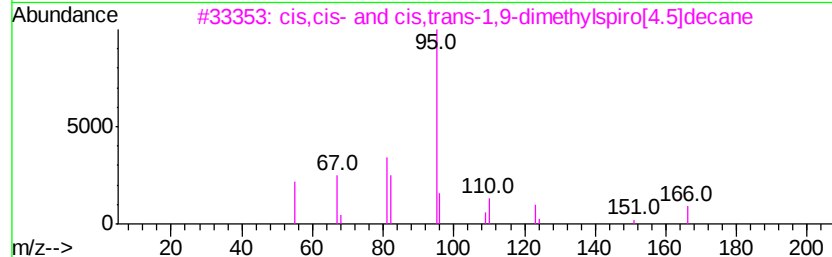
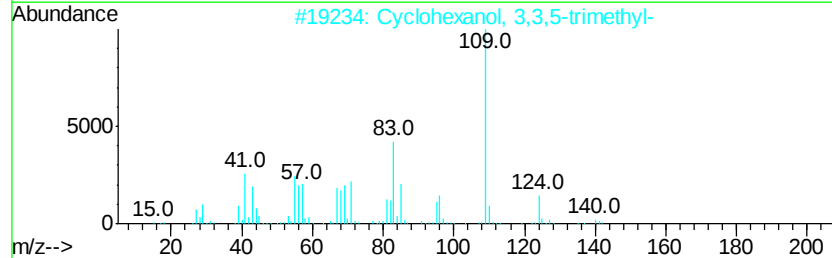
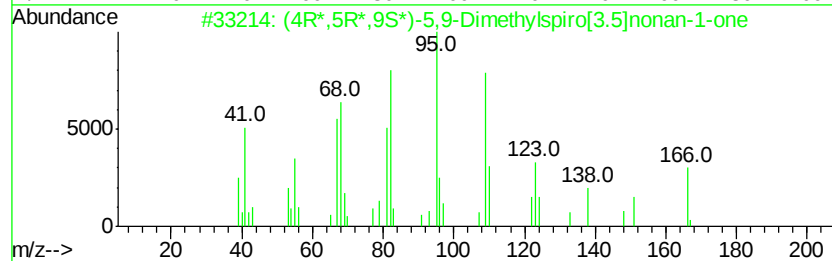
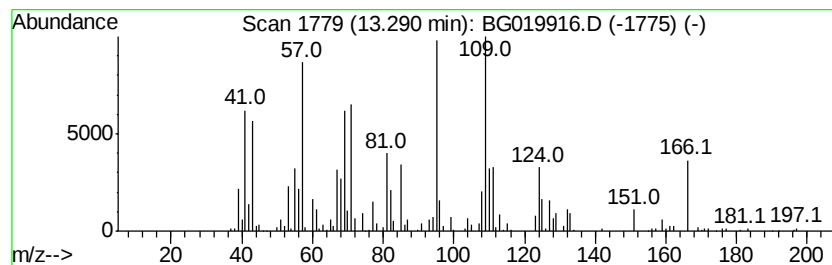
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG120215.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 unknown13.29 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.29	39.00 ng	1129120	Acenaphthene-d10	14.75	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(4R*,5R*,9S*)-5,9-Dimethylspiro[...]	166	C11H18O	063088-19-7	47
2	Cyclohexanol, 3,3,5-trimethyl-	142	C9H18O	000116-02-9	35
3	cis,cis- and cis,trans-1,9-dimet...	166	C12H22	1000111-72-5	27
4	Naphthalene, decahydro-1,6-dimet...	166	C12H22	001750-51-2	27
5	Cyclopentene, 1,2,3-trimethyl-	110	C8H14	000473-91-6	18



Data Path : Z:\HPCHEM1\BNA G\DATA\BG120415\
Data File : BG019916.D
Acq On : 4 Dec 2015 22:22
Operator : UM/NP
Sample : G4630-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

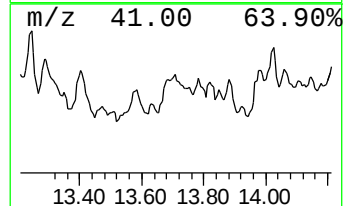
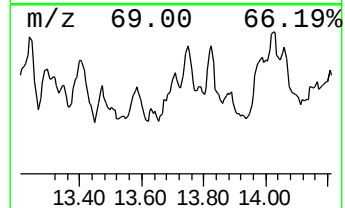
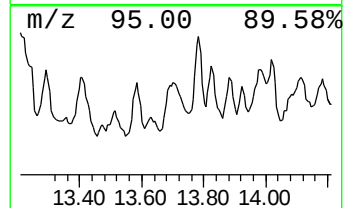
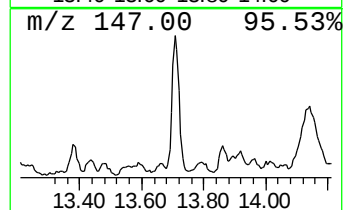
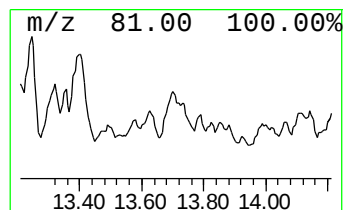
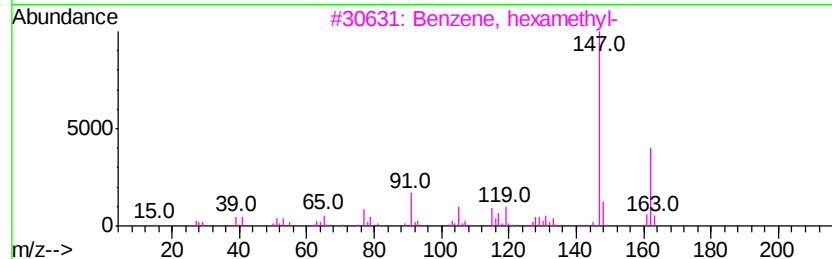
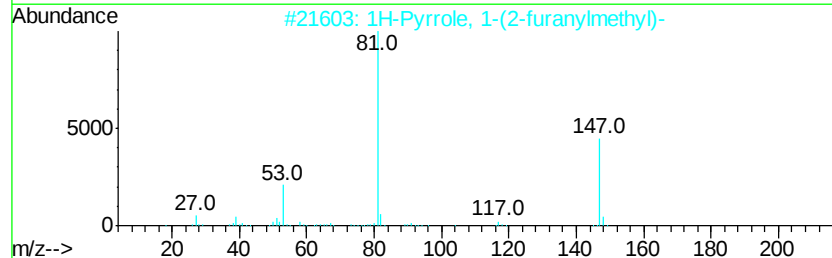
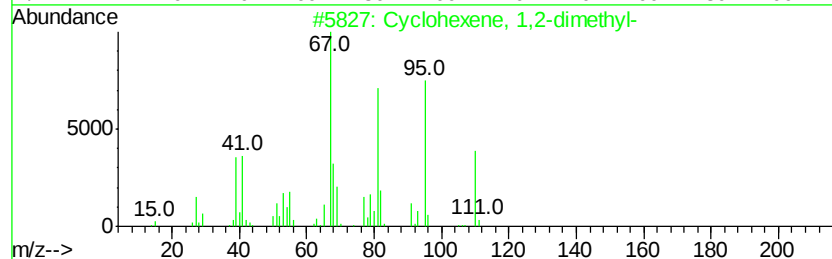
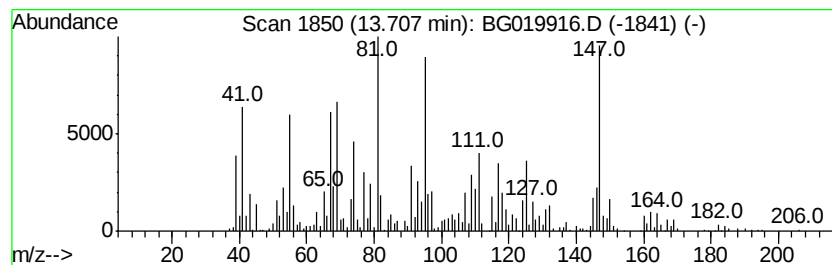
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG120215.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 unknown13.71 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.71	56.21 ng	1627090	Acenaphthene-d10	14.75
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Cyclohexene, 1,2-dimethyl-	110 C8H14	001674-10-8 38
2		1H-Pyrrole, 1-(2-furanylmethyl)-	147 C9H9NO	001438-94-4 30
3		Benzene, hexamethyl-	162 C12H18	000087-85-4 15
4		1,3-Heptadiene, 5,5-dimethyl-	124 C9H16	024618-86-8 11
5		4-Cyano-3,5-dimethylphenol	147 C9H9NO	058537-99-8 11



Data Path : Z:\HPCHEM1\BNA G\DATA\BG120415\
Data File : BG019916.D
Acq On : 4 Dec 2015 22:22
Operator : UM/NP
Sample : G4630-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

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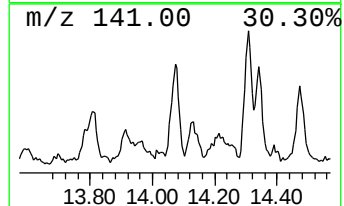
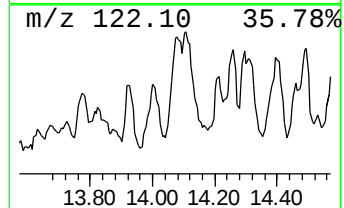
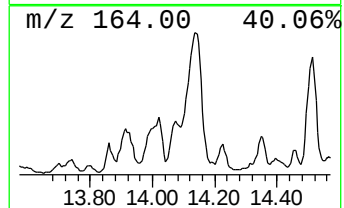
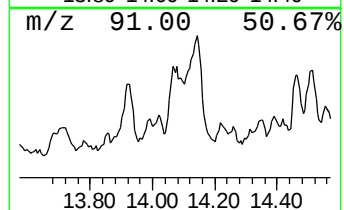
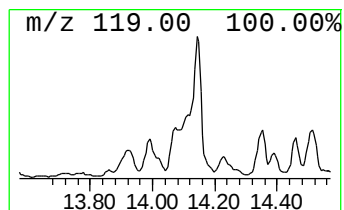
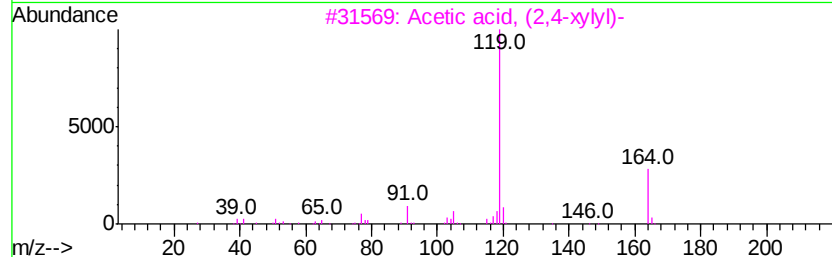
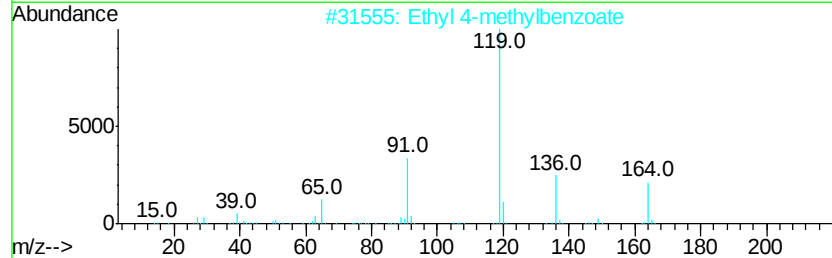
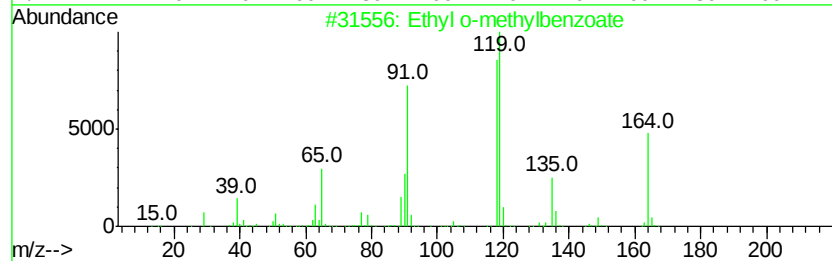
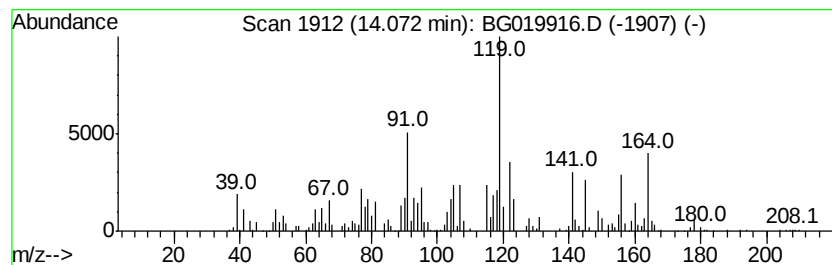
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 unknown14.07 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.07	24.55 ng	710634	Acenaphthene-d10	14.75

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Ethyl o-methylbenzoate	164	C10H12O2	000087-24-1	38
2		Ethyl 4-methylbenzoate	164	C10H12O2	000094-08-6	30
3		Acetic acid, (2,4-xylvl)-	164	C10H12O2	006331-04-0	27
4		Benzeneacetic acid, .alpha.-ethyl-	164	C10H12O2	000090-27-7	18
5		2-Methylbenzoyl isothiocyanate	177	C9H7NOS	028115-85-7	15



Data Path : Z:\HPCHEM1\BNA G\DATA\BG120415\
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Acq On : 4 Dec 2015 22:22
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Sample : G4630-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

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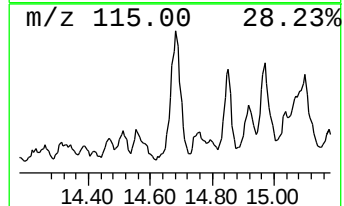
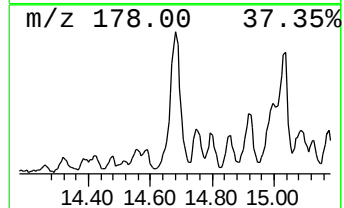
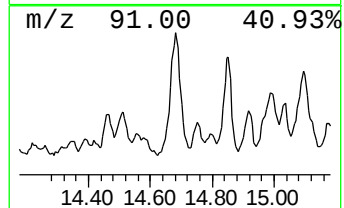
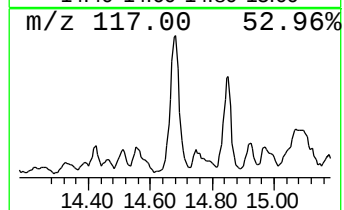
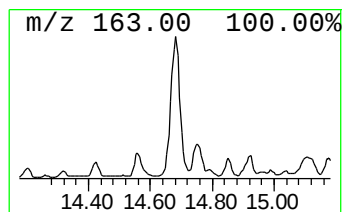
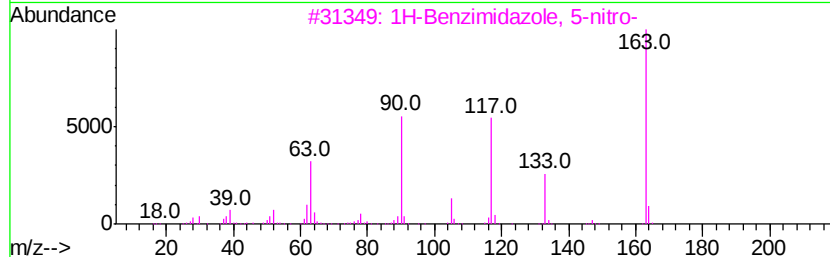
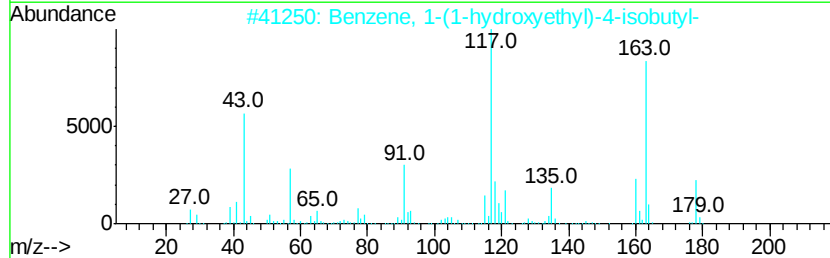
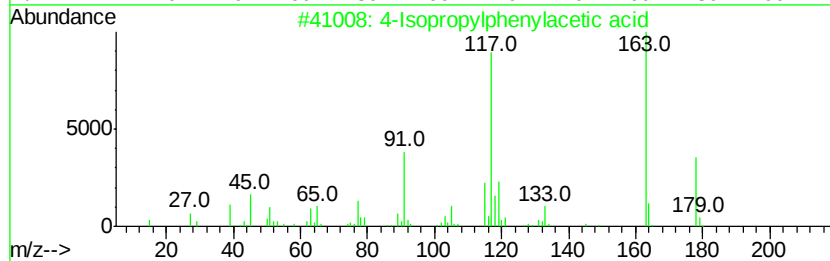
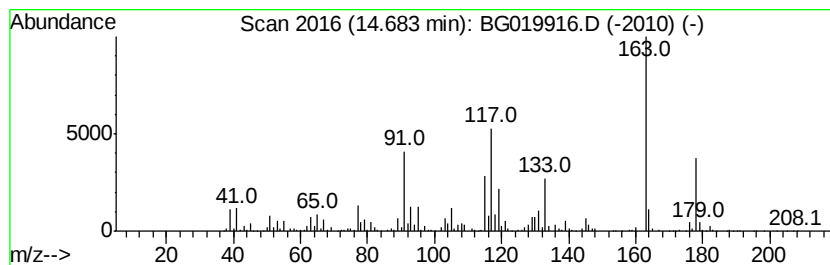
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 4-Isopropylphenylacetic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.68	59.63 ng	1726160	Acenaphthene-d10	14.75

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4-Isopropylphenylacetic acid	178	C11H14O2	004476-28-2	86
2		Benzene, 1-(1-hydroxyethyl)-4-is...	178	C12H18O	040150-92-3	58
3		1H-Benzimidazole, 5-nitro-	163	C7H5N3O2	000094-52-0	49
4		6-tert-Butyl-2,4-dimethylphenol	178	C12H18O	001879-09-0	43
5		Ethanone, 1-[4-(ethoxymethyl)phe...	178	C11H14O2	093205-94-8	38



Data Path : Z:\HPCHEM1\BNA G\DATA\BG120415\
Data File : BG019916.D
Acq On : 4 Dec 2015 22:22
Operator : UM/NP
Sample : G4630-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
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ClientSampleId :
MW-37

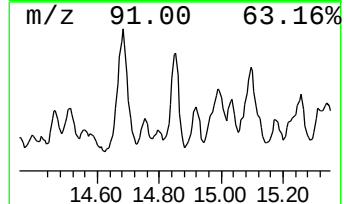
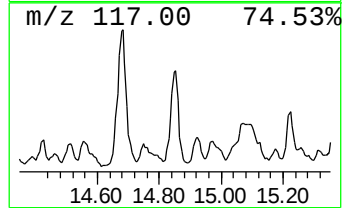
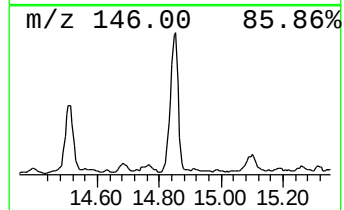
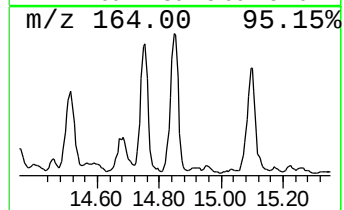
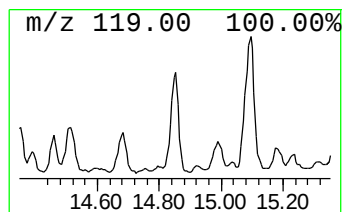
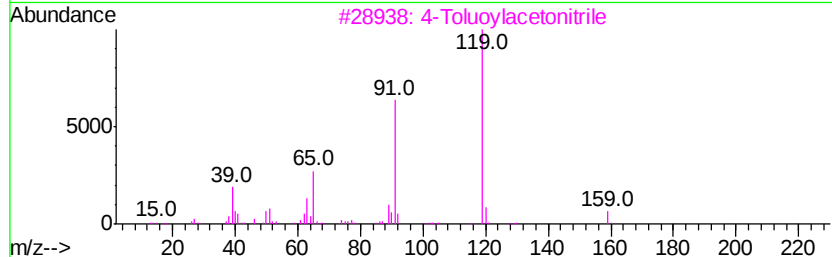
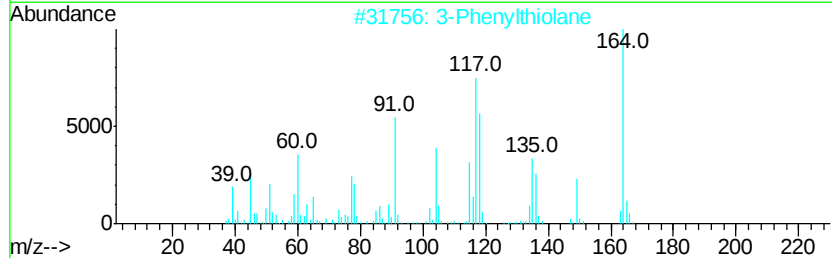
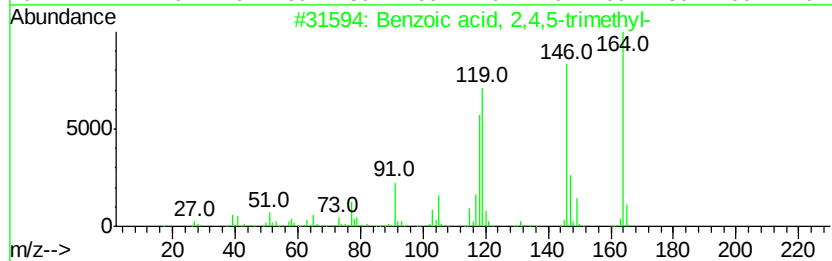
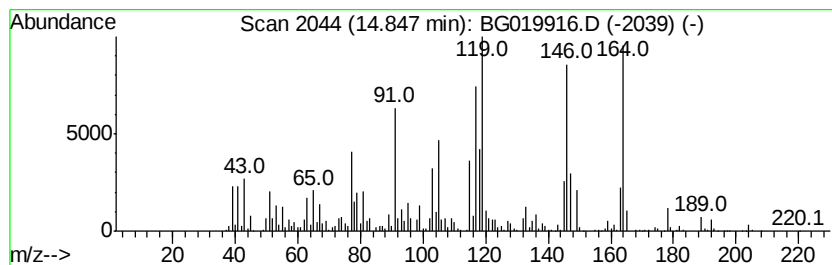
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Benzoic acid, 2,4,5-trimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.85	52.83 ng	1529390	Acenaphthene-d10	14.75

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzoic acid, 2,4,5-trimethyl-	164	C10H12O2	000528-90-5	62
2		3-Phenylthiolane	164	C10H12S	016766-62-4	38
3		4-Toluoylacetonitrile	159	C10H9NO	007391-28-8	25
4		m-Hydroxycinnamic acid	164	C9H8O3	014755-02-3	25
5		2-Propenoic acid, 3-(3-hydroxyph...	164	C9H8O3	000588-30-7	18



Data Path : Z:\HPCHEM1\BNA G\DATA\BG120415\
Data File : BG019916.D
Acq On : 4 Dec 2015 22:22
Operator : UM/NP
Sample : G4630-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

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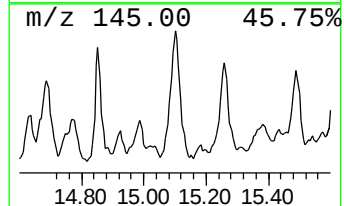
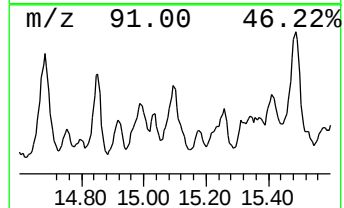
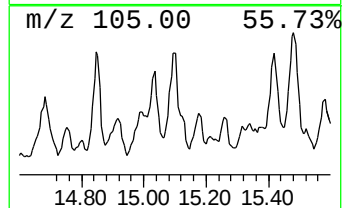
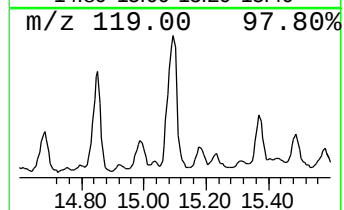
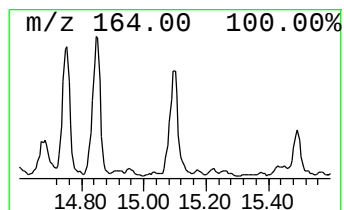
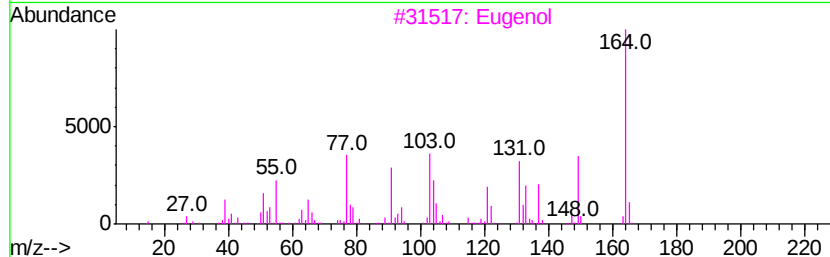
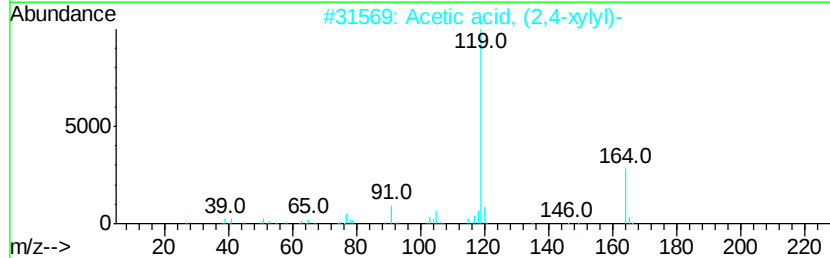
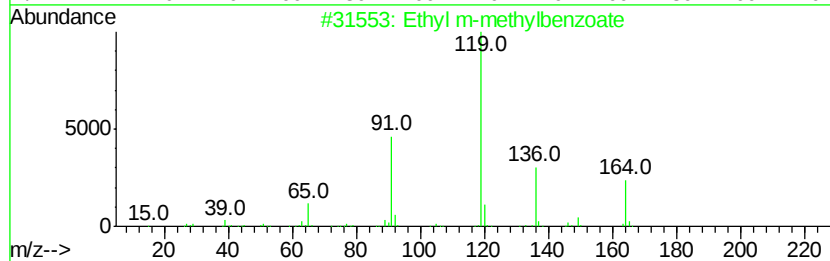
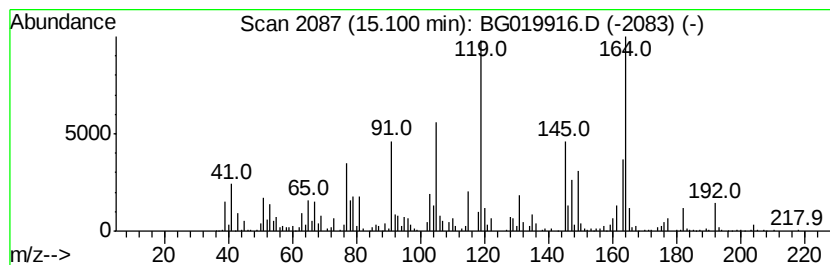
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 unknown15.10 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.10	43.77 ng	1266980	Acenaphthene-d10	14.75

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Ethyl m-methylbenzoate	164	C10H12O2	000120-33-2	49
2		Acetic acid, (2,4-xylvl)-	164	C10H12O2	006331-04-0	46
3		Eugenol	164	C10H12O2	000097-53-0	46
4		3-Allyl-6-methoxyphenol	164	C10H12O2	000501-19-9	46
5		Phenol, 2-methoxy-4-(1-propenyl)-	164	C10H12O2	000097-54-1	42



Data Path : Z:\HPCHEM1\BNA G\DATA\BG120415\
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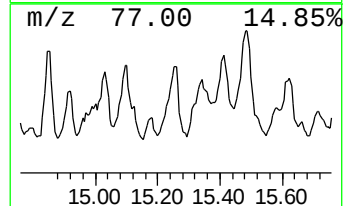
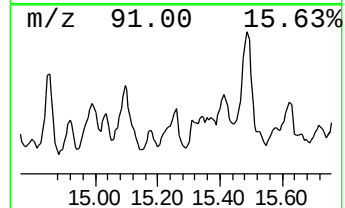
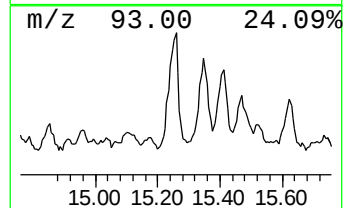
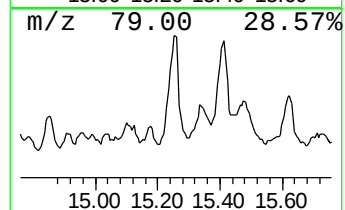
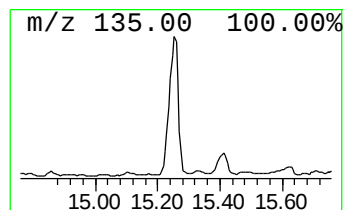
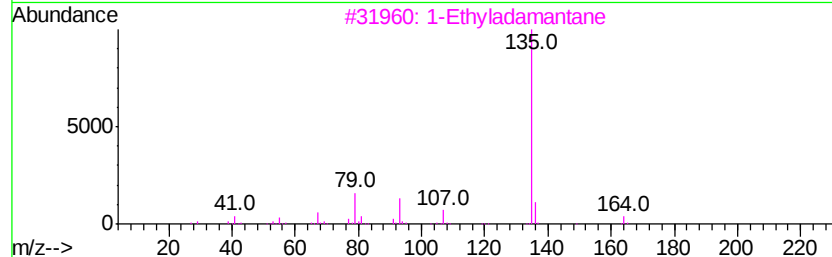
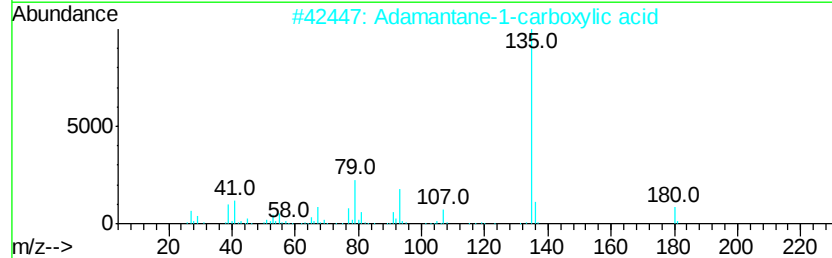
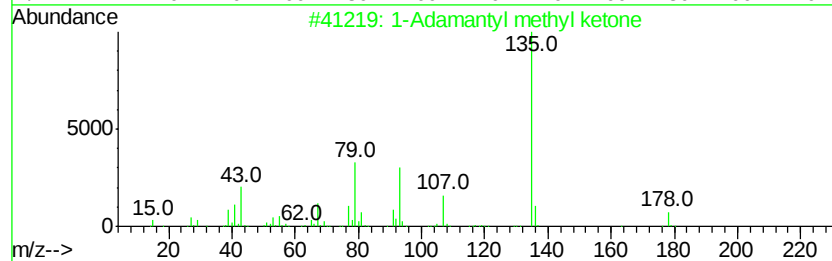
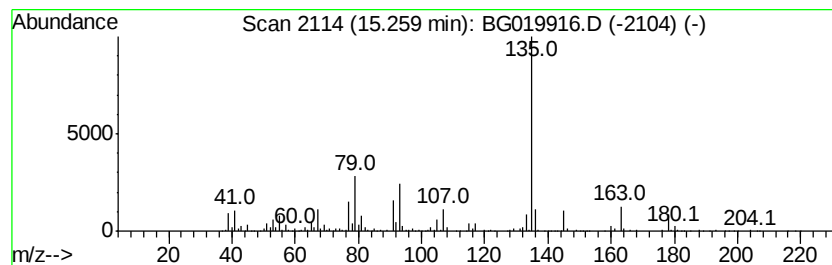
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 1-Adamantyl methyl ketone Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.26	48.51 ng	1404290	Acenaphthene-d10	14.75

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Adamantyl methyl ketone	178	C12H18O	001660-04-4	96
2		Adamantane-1-carboxylic acid	180	C11H16O2	000828-51-3	93
3		1-Ethyladamantane	164	C12H20	000770-69-4	81
4		2-[1-(Adamantan-1-ylamino)-2,2,2...	295	C15H16F3N3	1000275-90-9	74
5		4-Amino-2,6-dimethyl-3-pyridyl 1...	300	C18H24N2O2	1000260-99-2	74



Data Path : Z:\HPCHEM1\BNA G\DATA\BG120415\
Data File : BG019916.D
Acq On : 4 Dec 2015 22:22
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Sample : G4630-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

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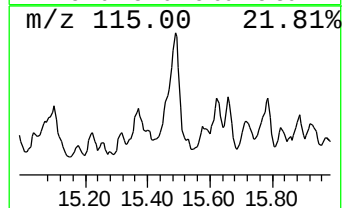
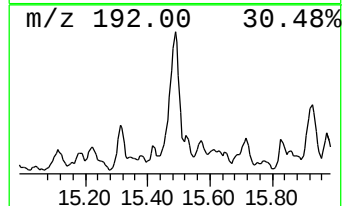
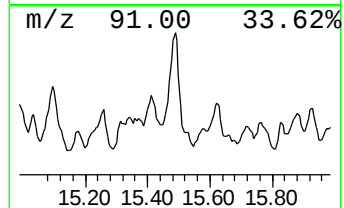
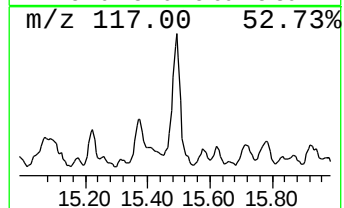
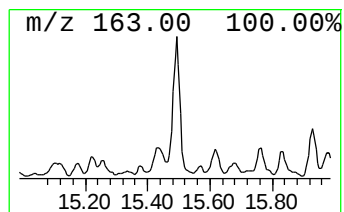
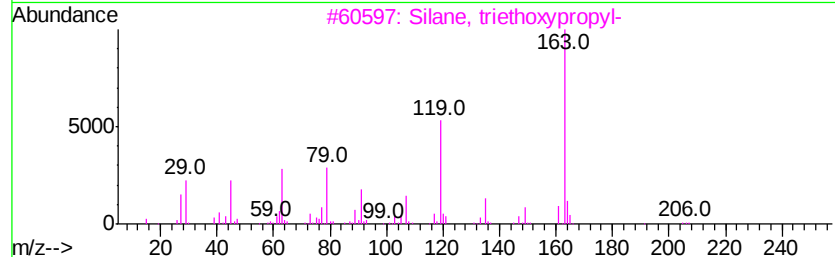
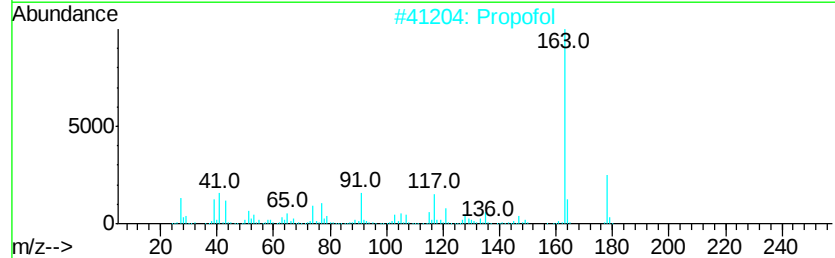
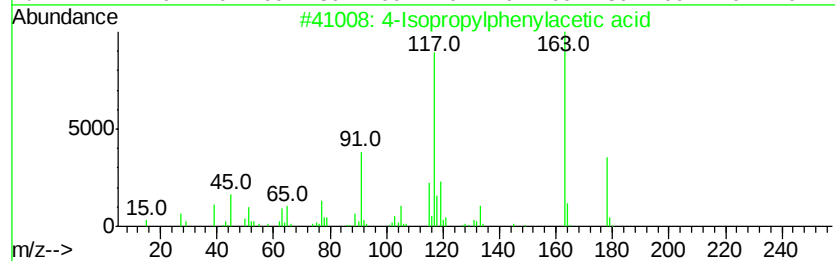
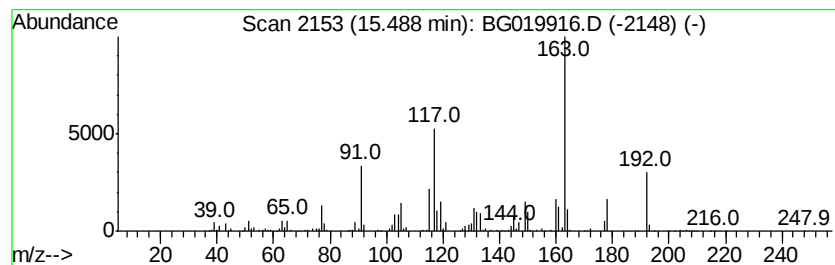
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 unknown15.49 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.49	89.98 ng	2604700	Acenaphthene-d10	14.75

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4-Isopropylphenylacetic acid	178	C11H14O2	004476-28-2	43
2		Propofol	178	C12H18O	002078-54-8	43
3		Silane, triethoxypropyl-	206	C9H22O3Si	002550-02-9	43
4		N1,N1-Diethyl-3-methyl-para-phen...	178	C11H18N2	002051-79-8	38
5		Benzenemethanol, 4-(1,1-dimethyl...	178	C12H18O	034386-42-0	38



Data Path : Z:\HPCHEM1\BNA G\DATA\BG120415\
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Sample : G4630-02
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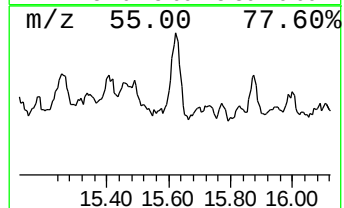
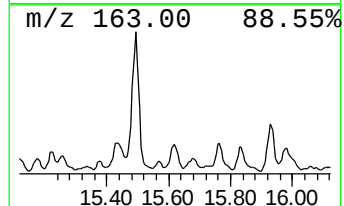
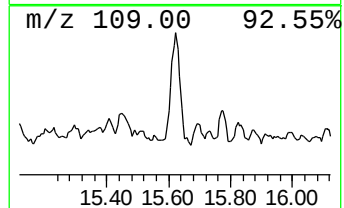
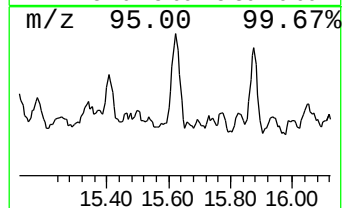
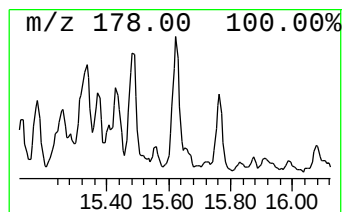
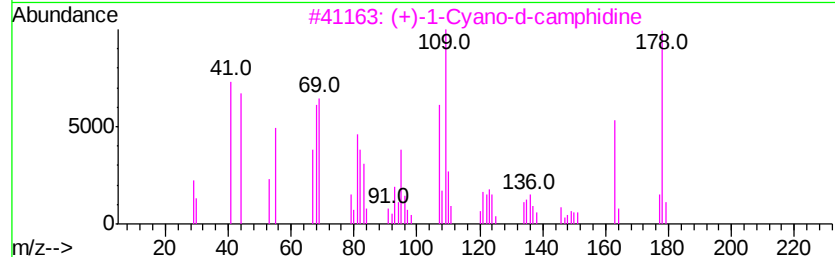
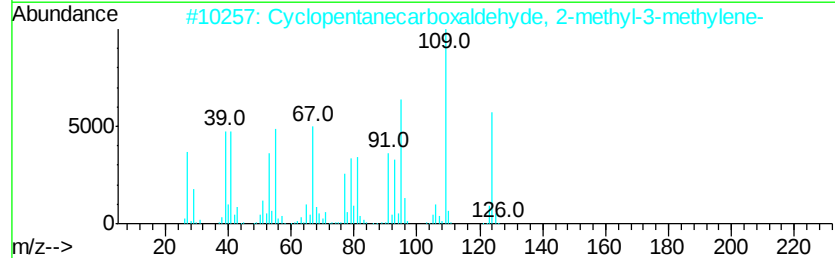
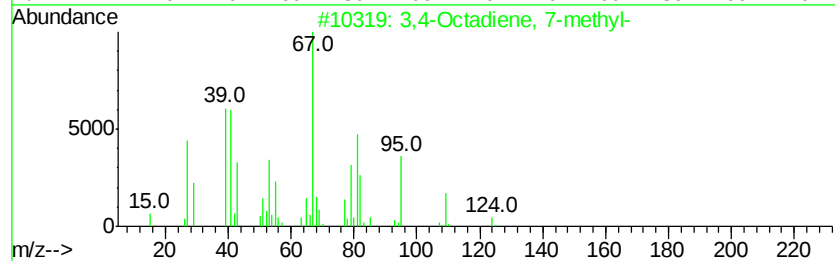
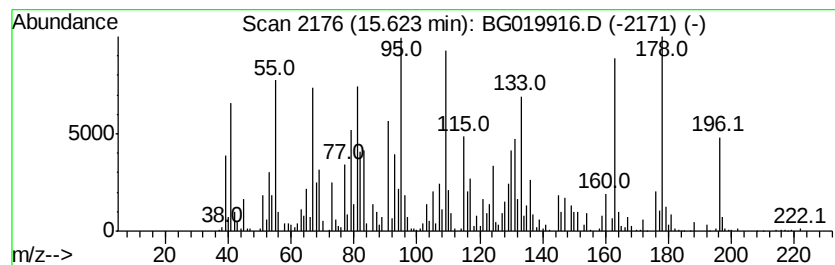
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 3,4-Octadiene, 7-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.	
15.62	36.75 ng	1063810	Acenaphthene-d10	14.75	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,4-Octadiene, 7-methyl-	124	C9H16	037050-05-8	50
2	Cyclopentanecarboxaldehyde, 2-methyl-	124	C8H12O	1000154-24-0	25
3	(+)-1-Cyano-d-camphidine	178	C11H18N2	1000145-51-5	25
4	3,5-Octadiene-2-one	124	C8H12O	038284-27-4	18
5	9-Borabicyclo[3.3.1]nonane, 9-(2-methyl-)	178	C11H19BO	1000162-57-7	18



Data Path : Z:\HPCHEM1\BNA G\DATA\BG120415\
Data File : BG019916.D
Acq On : 4 Dec 2015 22:22
Operator : UM/NP
Sample : G4630-02
Misc :
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Instrument :
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ClientSampleId :
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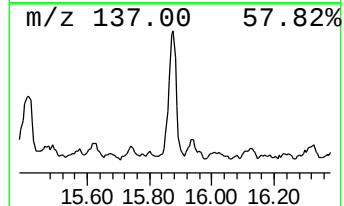
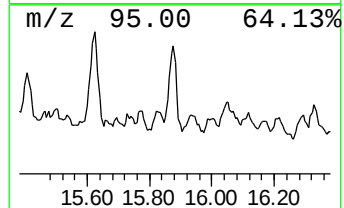
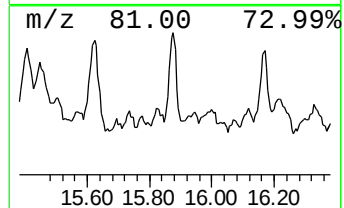
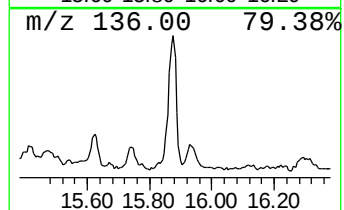
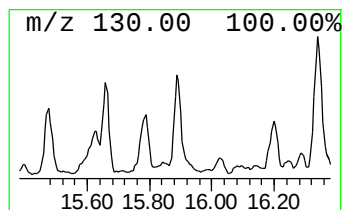
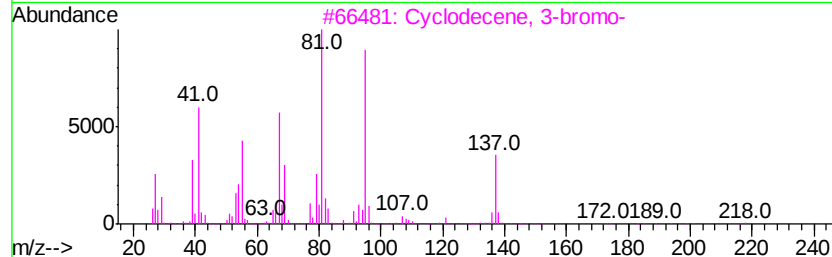
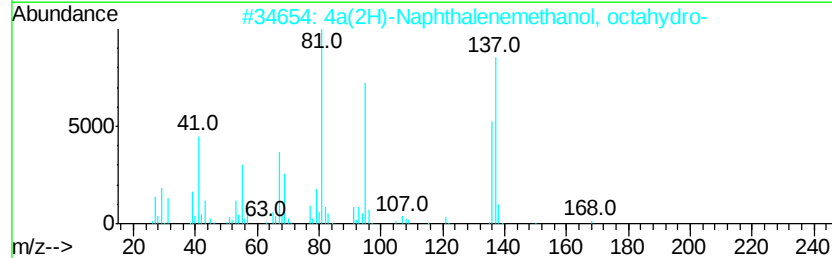
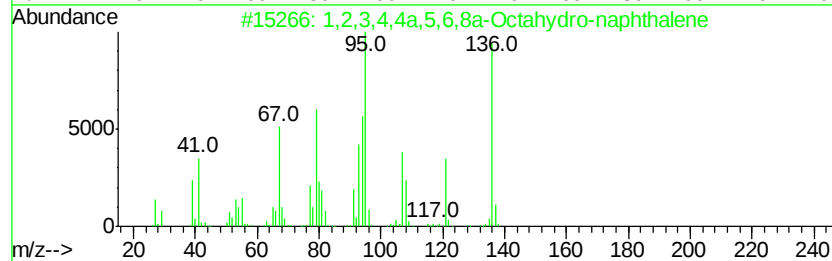
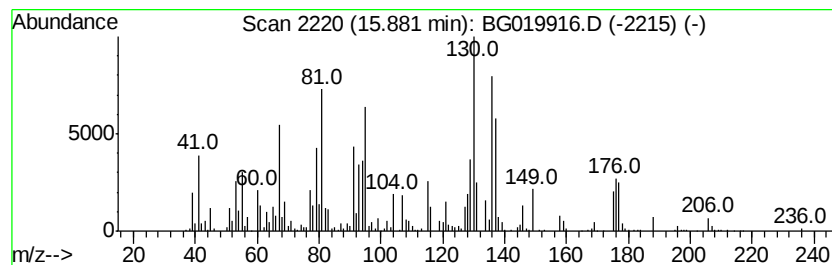
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 1,2,3,4,4a,5,6,8a-Octahydro... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.88	34.99 ng	1012870	Acenaphthene-d10	14.75

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,2,3,4,4a,5,6,8a-Octahydro-naph...	136	C10H16	031244-58-3	55
2		4a(2H)-Naphthalenemethanol, octa...	168	C11H20O	099992-19-5	38
3		Cyclodecene, 3-bromo-	216	C10H17Br	056325-56-5	30
4		Trans, trans-2-ethylbicyclo[4.4....	166	C12H22	066660-37-5	27
5		Bornyl acetate	196	C12H20O2	000076-49-3	25



Data Path : Z:\HPCHEM1\BNA G\DATA\BG120415\
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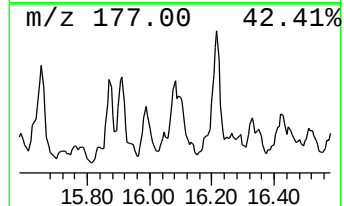
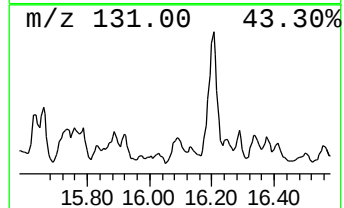
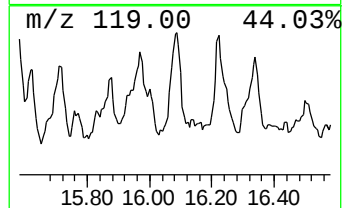
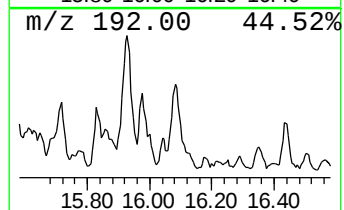
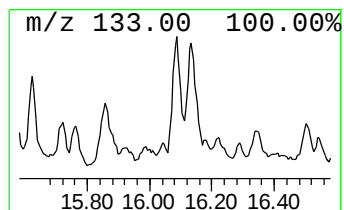
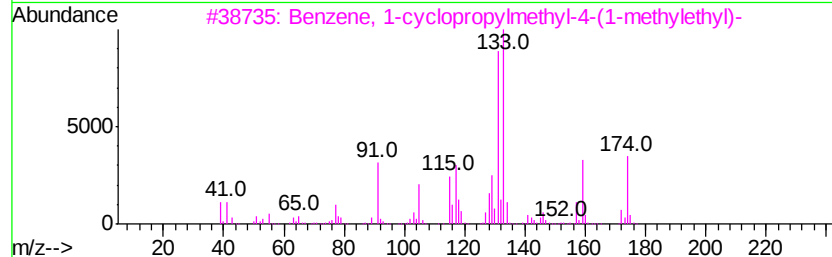
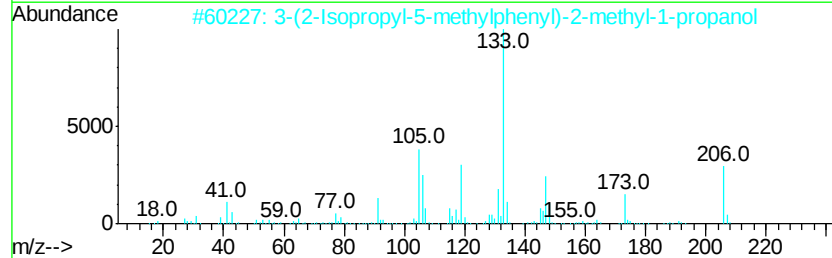
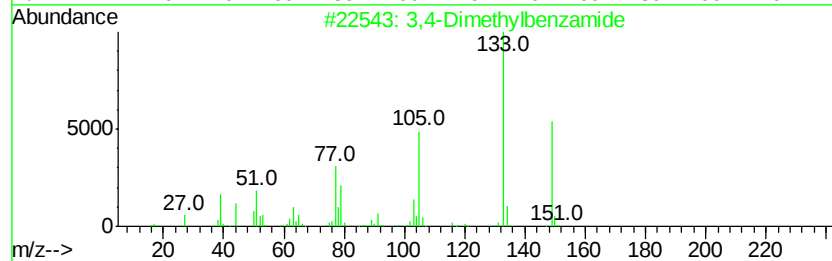
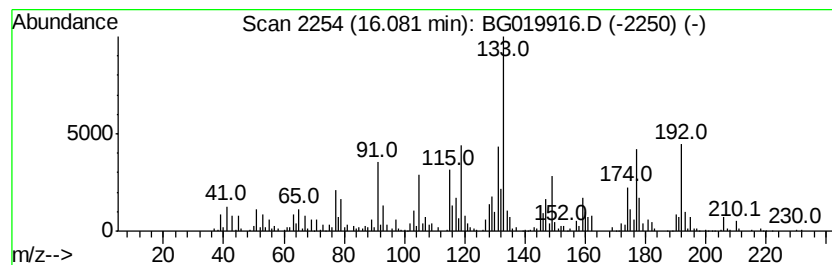
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 3,4-Dimethylbenzamide Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD		R.T.
16.08	25.74 ng	745071	Acenaphthene-d10		14.75
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,4-Dimethylbenzamide	149	C9H11NO	005580-33-6	53
2	3-(2-Isopropyl-5-methylphenyl)-2...	206	C14H22O	022291-56-1	38
3	Benzene, 1-cvclopropylmethyl-4-(...	174	C13H18	1000271-09-9	35
4	2-Butenoic acid, 4-phenoxy-, met...	192	C11H12O3	114524-36-6	30
5	1-(3-Methylbutyl)-2,3,4-trimethy...	190	C14H22	107997-59-1	30



Data Path : Z:\HPCHEM1\BNA G\DATA\BG120415\
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Sample : G4630-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

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ClientSampleId :
MW-37

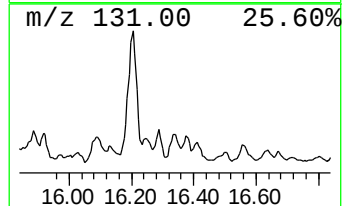
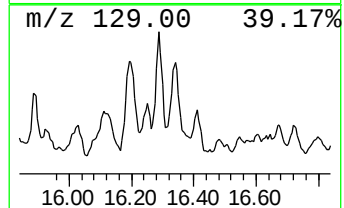
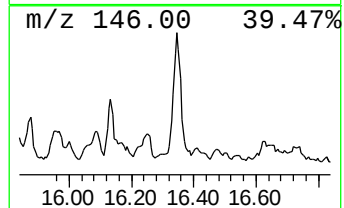
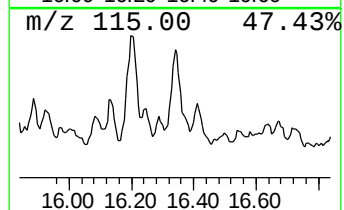
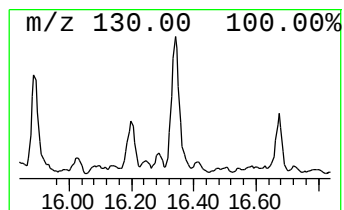
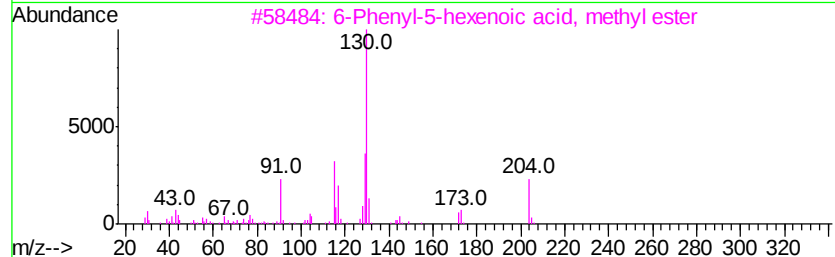
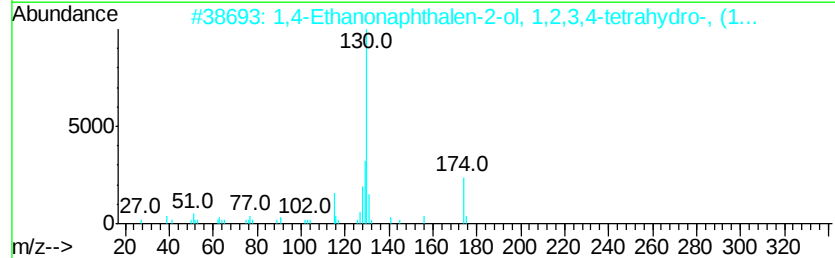
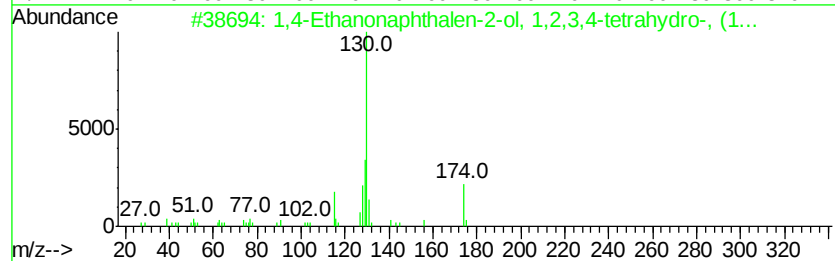
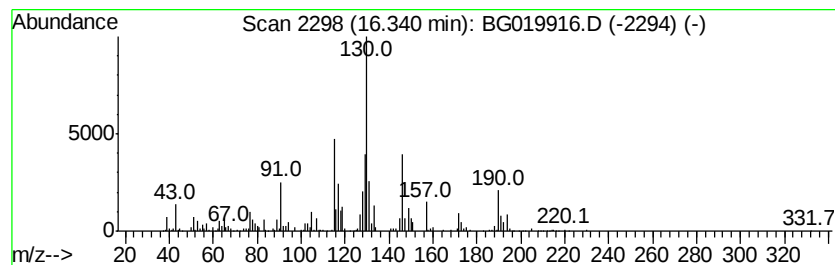
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 1,4-Ethanonaphthalen-2-ol, ... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.34	45.60 ng	862309	Phenanthrene-d10	17.50

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,4-Ethanonaphthalen-2-ol, 1,2,3...	174	C12H14O	013153-77-0	50
2		1,4-Ethanonaphthalen-2-ol, 1,2,3...	174	C12H14O	013153-78-1	50
3		6-Phenyl-5-hexenoic acid, methvl...	204	C13H16O2	1000281-31-8	50
4		Benzene, 1,3-diethenyl-	130	C10H10	000108-57-6	43
5		1-Naphthalenol, 1,2,3,4-tetrahyd...	190	C12H14O2	021503-12-8	38



Data Path : Z:\HPCHEM1\BNA G\DATA\BG120415\
Data File : BG019916.D
Acq On : 4 Dec 2015 22:22
Operator : UM/NP
Sample : G4630-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW-37

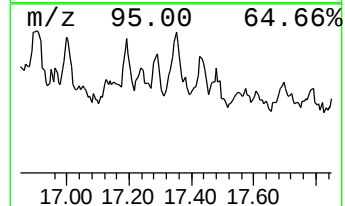
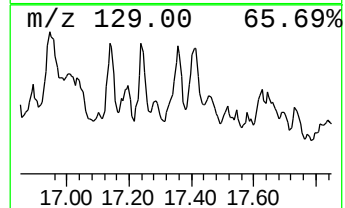
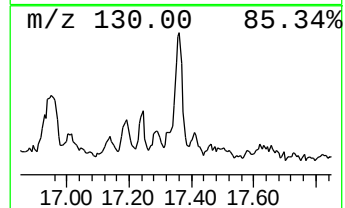
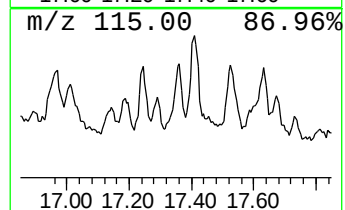
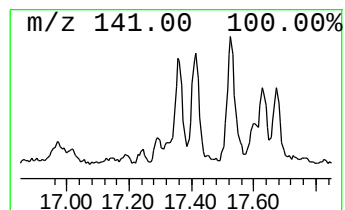
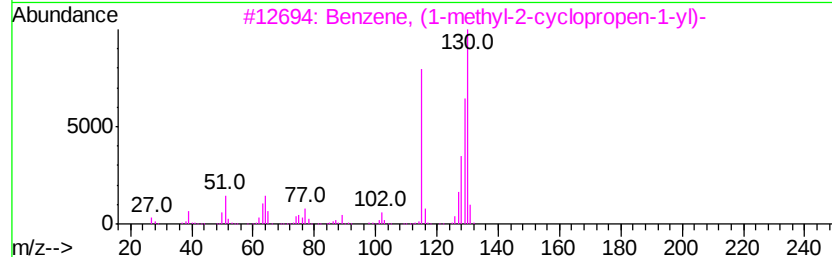
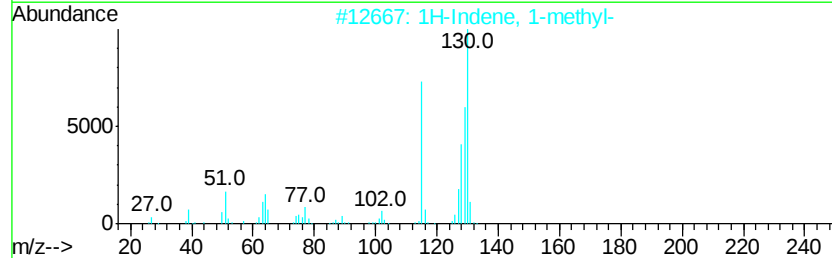
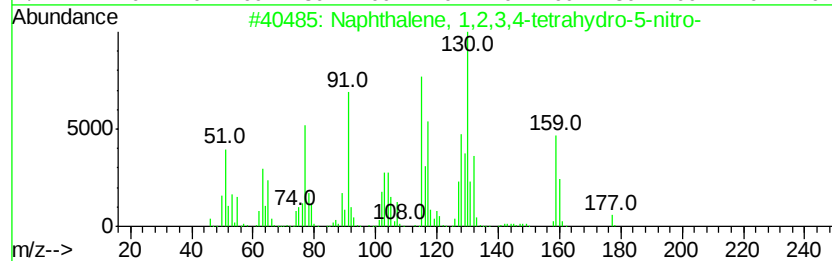
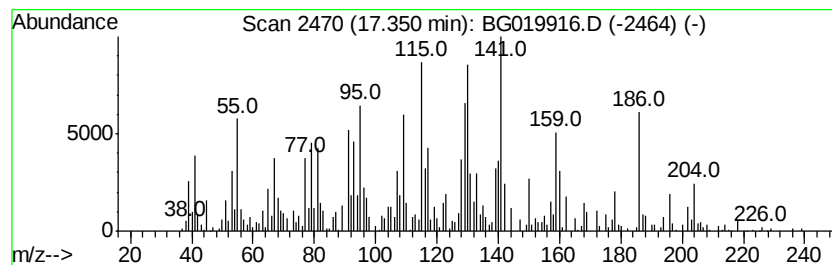
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG120215.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 unknown17.35 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.35	32.60 ng	616427	Phenanthrene-d10	17.50

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,2,3,4-tetrahydro-...	177	C10H11N02	029809-14-1	43
2		1H-Indene, 1-methyl-	130	C10H10	000767-59-9	38
3		Benzene, (1-methyl-2-cyclopropen-...	130	C10H10	065051-83-4	30
4		1,4-Dihydronaphthalene	130	C10H10	000612-17-9	30
5		Benzene, (1-methylene-2-propenyl)-	130	C10H10	002288-18-8	30



Data Path : Z:\HPCHEM1\BNA G\DATA\BG120415\
Data File : BG019916.D
Acq On : 4 Dec 2015 22:22
Operator : UM/NP
Sample : G4630-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW-37

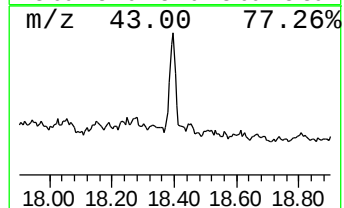
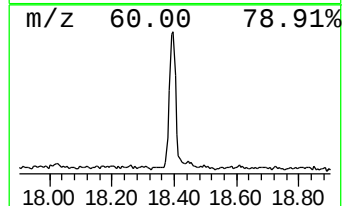
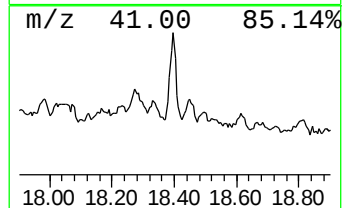
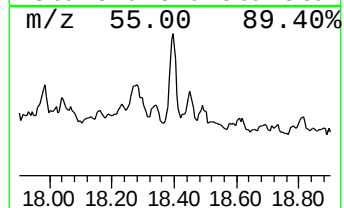
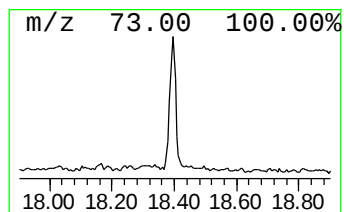
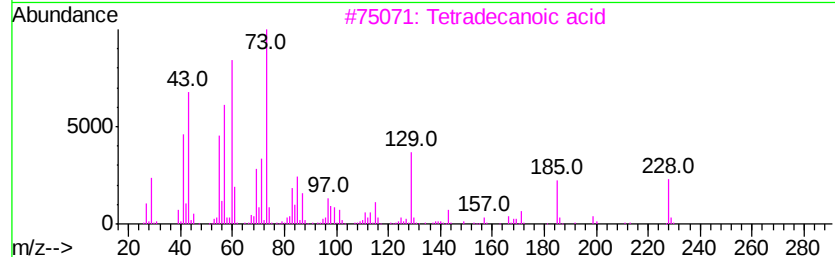
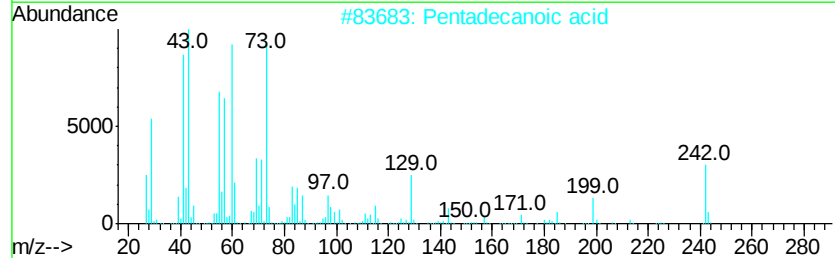
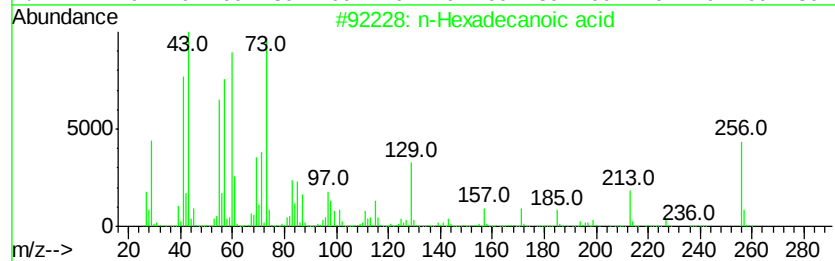
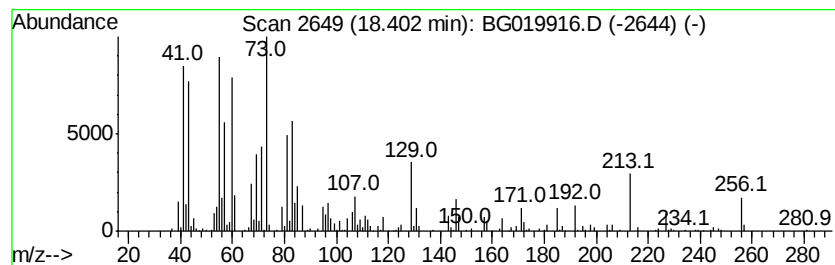
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG120215.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 n-Hexadecanoic acid Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.40	23.14 ng	437616	Phenanthrene-d10	17.50

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	94
2		Pentadecanoic acid	242	C15H30O2	001002-84-2	53
3		Tetradecanoic acid	228	C14H28O2	000544-63-8	52
4		Tridecanoic acid	214	C13H26O2	000638-53-9	50
5		n-Capric acid isopropyl ester	214	C13H26O2	002311-59-3	43



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG120415\
 Data File : BG019916.D
 Acq On : 4 Dec 2015 22:22
 Operator : UM/NP
 Sample : G4630-02
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-37

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
unknown7.64	7.64	46.1 ng		902923	1	8.12	392064	20.0
unknown11.24	11.24	25.1 ng		1936110	2	10.93	1545410	20.0
Benzeneacetic aci...	13.04	44.3 ng		1283640	3	14.75	578984	20.0
Cyclohexene, 1,2-...	13.20	31.9 ng		924570	3	14.75	578984	20.0
unknown13.24	13.24	38.3 ng		1109900	3	14.75	578984	20.0
unknown13.29	13.29	39.0 ng		1129120	3	14.75	578984	20.0
unknown13.71	13.71	56.2 ng		1627090	3	14.75	578984	20.0
unknown14.07	14.07	24.6 ng		710634	3	14.75	578984	20.0
4-Isopropylphenyl...	14.68	59.6 ng		1726160	3	14.75	578984	20.0
Benzoic acid, 2,4...	14.85	52.8 ng		1529390	3	14.75	578984	20.0
unknown15.10	15.10	43.8 ng		1266980	3	14.75	578984	20.0
1-Adamantyl methy...	15.26	48.5 ng		1404290	3	14.75	578984	20.0
unknown15.49	15.49	90.0 ng		2604700	3	14.75	578984	20.0
3,4-Octadiene, 7-...	15.62	36.8 ng		1063810	3	14.75	578984	20.0
1,2,3,4,4a,5,6,8a...	15.88	35.0 ng		1012870	3	14.75	578984	20.0
3,4-Dimethylbenza...	16.08	25.7 ng		745071	3	14.75	578984	20.0
1,4-Ethanonaphtha...	16.34	45.6 ng		862309	4	17.50	378182	20.0
unknown17.35	17.35	32.6 ng		616427	4	17.50	378182	20.0
n-Hexadecanoic acid	18.40	23.1 ng		437616	4	17.50	378182	20.0