

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG012615\
 Data File : BG015960.D
 Acq On : 28 Jan 2015 00:17
 Operator : TP/IZ
 Sample : G1139-06
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 121B4

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-BG012015.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	5.285	433	442	448	rBV	2568263	3842923	18.06%	1.059%
2	6.871	700	712	717	rVV	2765545	5152073	24.21%	1.419%
3	7.224	766	772	782	rVB	2772356	4447180	20.90%	1.225%
4	7.312	782	787	789	rBV	936432	1531326	7.20%	0.422%
5	7.659	841	846	854	rBV2	595764	1398386	6.57%	0.385%
6	8.005	900	905	911	rVV	2149969	3528593	16.58%	0.972%
7	8.228	936	943	947	rVV4	709061	1479538	6.95%	0.408%
8	8.322	954	959	966	rBV3	991846	2156724	10.14%	0.594%
9	8.787	1027	1038	1042	rBV2	1183665	2394119	11.25%	0.660%
10	8.845	1042	1048	1055	rVV2	1859426	3675034	17.27%	1.013%
11	8.910	1055	1059	1068	rVB	1457193	2403156	11.29%	0.662%
12	9.033	1074	1080	1086	rVB5	748892	1651612	7.76%	0.455%
13	9.310	1122	1127	1132	rVV2	592025	1209245	5.68%	0.333%
14	9.368	1132	1137	1146	rVV4	818176	2005230	9.42%	0.552%
15	9.827	1210	1215	1218	rBV2	1088062	1678326	7.89%	0.462%
16	9.874	1218	1223	1226	rBV2	1150170	1934711	9.09%	0.533%
17	9.938	1231	1234	1241	rVB2	759275	1229836	5.78%	0.339%
18	10.009	1241	1246	1249	rBV	682705	1173915	5.52%	0.323%
19	10.173	1269	1274	1278	rBV	612933	1043534	4.90%	0.288%
20	10.379	1304	1309	1314	rVV6	615817	1661753	7.81%	0.458%
21	10.449	1314	1321	1329	rVV6	2335910	6015253	28.27%	1.657%
22	10.520	1329	1333	1341	rVV5	1251529	3260070	15.32%	0.898%
23	10.585	1341	1344	1349	rVV4	1150262	1952699	9.18%	0.538%
24	10.637	1349	1353	1358	rVV	2012889	3102837	14.58%	0.855%
25	10.690	1358	1362	1370	rVV4	789675	1607355	7.55%	0.443%
26	10.884	1391	1395	1400	rVV7	461680	1102563	5.18%	0.304%
27	10.937	1400	1404	1413	rVB3	900211	2255783	10.60%	0.622%
28	11.137	1433	1438	1440	rBV3	856068	1478747	6.95%	0.407%
29	11.172	1440	1444	1452	rVV6	1146300	2829592	13.30%	0.780%
30	11.243	1452	1456	1462	rVB4	719802	1394491	6.55%	0.384%
31	11.313	1462	1468	1474	rBV5	1234691	2348335	11.04%	0.647%
32	11.389	1474	1481	1488	rVB3	1545222	3194120	15.01%	0.880%
33	11.501	1494	1500	1510	rBV3	3188650	6682415	31.41%	1.841%
34	11.577	1510	1513	1519	rVB4	800365	1450053	6.82%	0.400%

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Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG012015.M
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35	11.666	1523	1528	1536	rVB3	1984933	3660028	17.20%	1.008%
36	11.901	1564	1568	1575	rVV4	1452423	2775314	13.04%	0.765%
37	12.030	1588	1590	1595	rVB3	1290671	1822411	8.57%	0.502%
38	12.142	1600	1609	1615	rVB3	3525126	8085870	38.00%	2.228%
39	12.365	1640	1647	1650	rBV3	2465770	5081240	23.88%	1.400%
40	12.400	1650	1653	1658	rVV2	2300165	3447204	16.20%	0.950%
41	12.547	1671	1678	1681	rBV4	1146546	2029066	9.54%	0.559%
42	12.588	1681	1685	1693	rVB4	1240463	2756679	12.96%	0.760%
43	12.659	1693	1697	1699	rBV3	1112314	1613481	7.58%	0.445%
44	12.817	1719	1724	1728	rBV5	1327844	2733682	12.85%	0.753%
45	12.870	1729	1733	1738	rVV2	4943572	7314703	34.38%	2.015%
46	12.952	1742	1747	1752	rVB	4567592	6462014	30.37%	1.780%
47	13.111	1770	1774	1776	rBV	1084024	1345470	6.32%	0.371%
48	13.164	1779	1783	1789	rVB3	2681100	4606679	21.65%	1.269%
49	13.270	1795	1801	1806	rVB3	1767929	3880379	18.24%	1.069%
50	13.328	1807	1811	1814	rBV3	1128118	1664643	7.82%	0.459%
51	13.364	1814	1817	1820	rBV	1004605	1093398	5.14%	0.301%
52	13.499	1833	1840	1855	rBV2	3486453	11070345	52.03%	3.050%
53	13.663	1862	1868	1872	rBV	4615079	7861222	36.95%	2.166%
54	13.710	1872	1876	1880	rVV	3462840	4916720	23.11%	1.355%
55	13.751	1881	1883	1887	rVB2	1667012	1987272	9.34%	0.548%
56	13.822	1887	1895	1899	rBV3	6458778	10909218	51.27%	3.006%
57	13.863	1899	1902	1904	rBV4	1008134	1071521	5.04%	0.295%
58	13.892	1904	1907	1910	rVV2	1106938	1134603	5.33%	0.313%
59	14.063	1932	1936	1940	rVV4	894399	1389067	6.53%	0.383%
60	14.163	1950	1953	1961	rVB5	1548177	3271105	15.37%	0.901%
61	14.245	1961	1967	1971	rBV2	3749050	5764839	27.09%	1.588%
62	14.310	1974	1978	1981	rBV4	2181987	3657207	17.19%	1.008%
63	14.550	2014	2019	2027	rVB2	2790230	7523606	35.36%	2.073%
64	14.744	2047	2052	2058	rVB	4859447	7247707	34.06%	1.997%
65	14.815	2059	2064	2068	rVV	3162133	4609442	21.66%	1.270%
66	14.868	2068	2073	2081	rVB5	2294237	4720492	22.19%	1.301%
67	14.962	2085	2089	2092	rVV	2778132	4033073	18.96%	1.111%
68	15.009	2095	2097	2101	rVB	2409485	3001251	14.11%	0.827%
69	15.126	2112	2117	2120	rBV4	1278286	2240355	10.53%	0.617%
70	15.161	2120	2123	2126	rVV2	1130706	1508720	7.09%	0.416%
71	15.197	2126	2129	2133	rVB	2707506	3095456	14.55%	0.853%

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72	15.291	2142	2145	2155	rVB7	1629092	3700889	17.39%	1.020%
73	15.379	2155	2160	2164	rBV3	2295207	3840605	18.05%	1.058%
74	15.432	2165	2169	2173	rBV4	1572007	2540965	11.94%	0.700%
75	15.555	2186	2190	2193	rBV5	1428362	2226625	10.47%	0.613%
76	15.602	2193	2198	2205	rVB	7444018	10692908	50.26%	2.946%
77	15.761	2220	2225	2229	rBV5	1285798	2676574	12.58%	0.737%
78	15.837	2229	2238	2245	rVB7	5196103	10810018	50.81%	2.978%
79	15.902	2245	2249	2252	rBV3	1390641	1960951	9.22%	0.540%
80	15.984	2260	2263	2265	rBV4	906253	1091297	5.13%	0.301%
81	16.084	2272	2280	2285	rBV2	11019218	21276875	100.00%	5.862%
82	16.448	2339	2342	2347	rVB4	2266485	3288218	15.45%	0.906%
83	16.595	2364	2367	2370	rBV3	796160	1317112	6.19%	0.363%
84	16.848	2407	2410	2414	rVV	1792680	2056772	9.67%	0.567%
85	16.901	2414	2419	2429	rVB	7292175	13431204	63.13%	3.701%
86	17.089	2447	2451	2454	rBV	1983596	2702247	12.70%	0.745%
87	17.130	2455	2458	2464	rVV	1679508	2265663	10.65%	0.624%
88	17.441	2509	2511	2515	rVB2	1024891	1234652	5.80%	0.340%
89	17.500	2517	2521	2526	rBV3	2234199	4026556	18.92%	1.109%
90	17.582	2532	2535	2541	rVB3	1946923	2468049	11.60%	0.680%
91	17.964	2596	2600	2604	rBV	2025809	3104984	14.59%	0.855%
92	18.011	2605	2608	2615	rVB	2784389	4080201	19.18%	1.124%
93	18.146	2629	2631	2634	rVB	1173794	1236530	5.81%	0.341%
94	18.275	2650	2653	2660	rBV4	1141534	2072211	9.74%	0.571%
95	18.887	2753	2757	2760	rBV	2072908	2908010	13.67%	0.801%
96	19.080	2787	2790	2796	rVB5	824600	1363891	6.41%	0.376%
97	19.592	2873	2877	2881	rVB	1271187	1769666	8.32%	0.488%
98	19.715	2894	2898	2903	rVB	9636286	12435177	58.44%	3.426%
99	21.266	3157	3162	3167	rBV	1873321	2448385	11.51%	0.675%
100	23.522	3539	3546	3553	rBV2	1168263	2269626	10.67%	0.625%

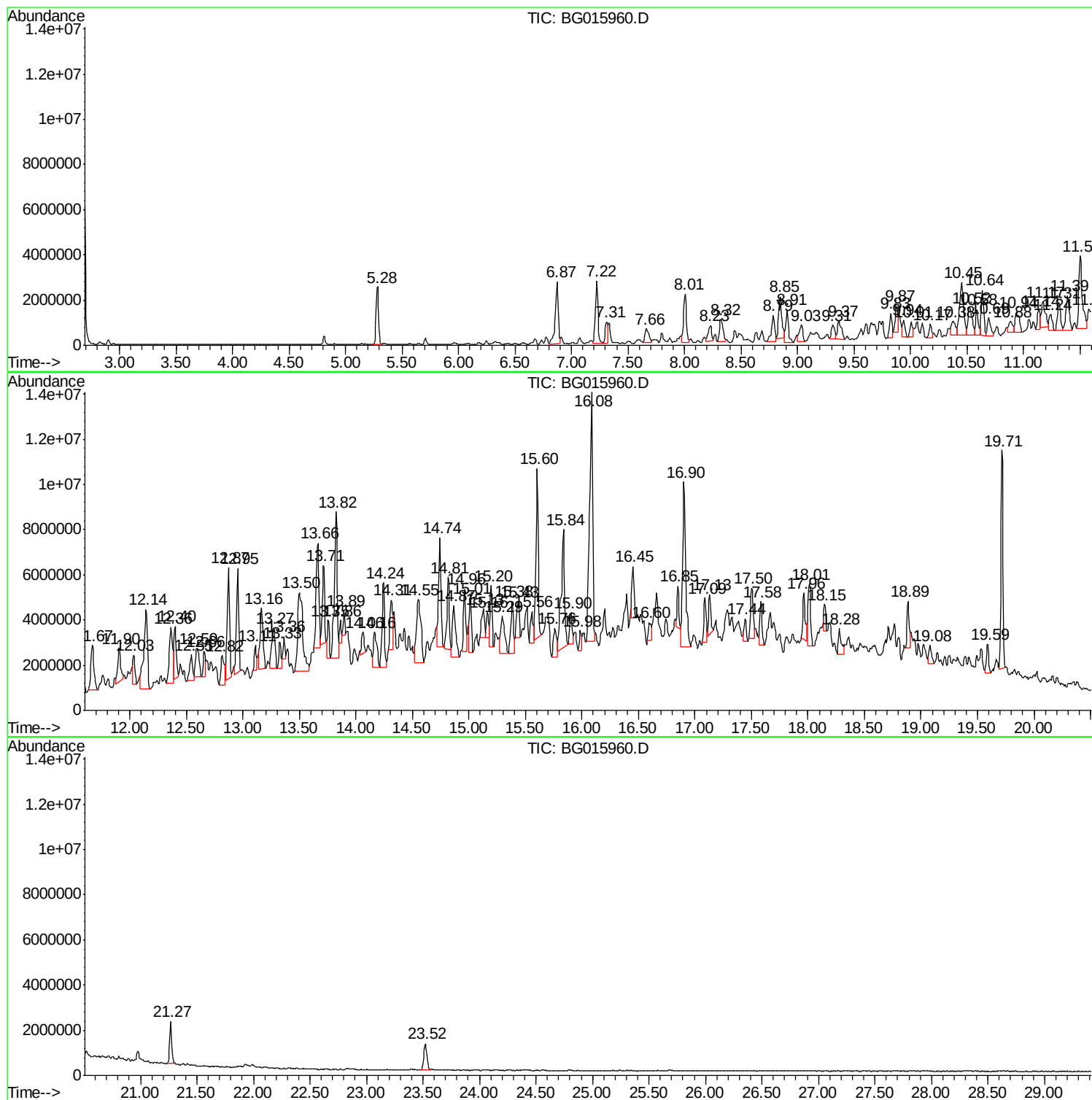
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Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampled :
121B4

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG012015.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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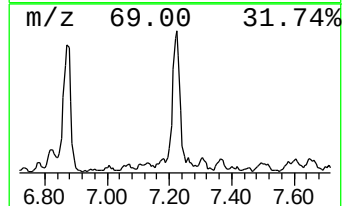
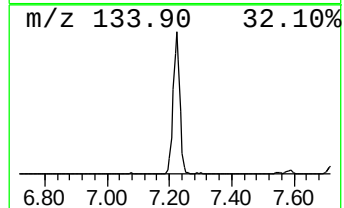
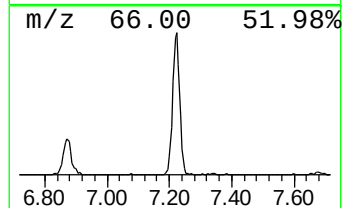
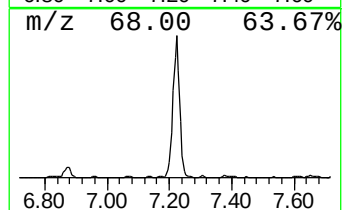
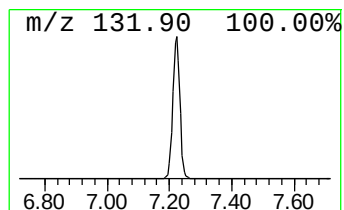
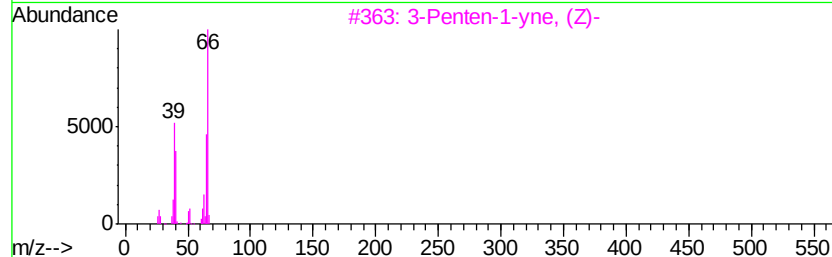
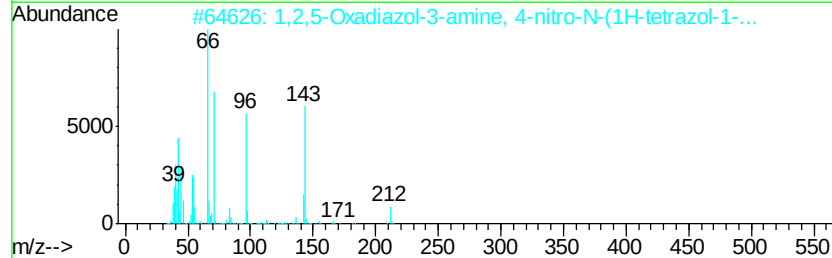
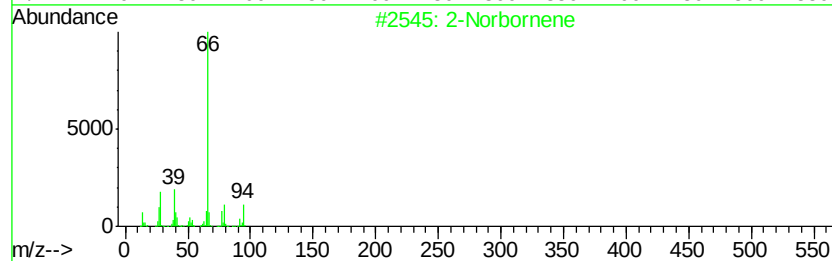
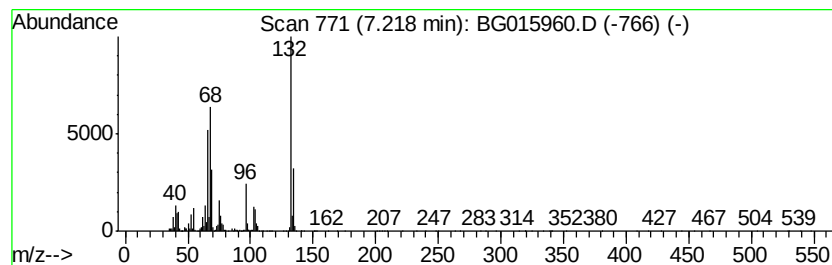
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG012015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown7.22 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.22	63.60 ng	4447180	1,4-Dichlorobenzene-d4	7.69

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Norbornene	94	C7H10	000498-66-8	35
2		1,2,5-Oxadiazol-3-amine, 4-nitro...	212	C4H4N8O3	1000277-41-1	32
3		3-Penten-1-yne, (Z)-	66	C5H6	001574-40-9	25
4		1,3-Cyclopentadiene	66	C5H6	000542-92-7	25
5		1-Penten-3-yne	66	C5H6	000646-05-9	25



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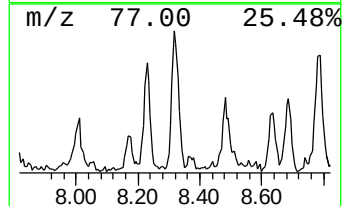
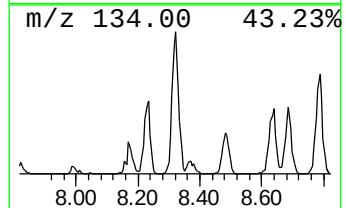
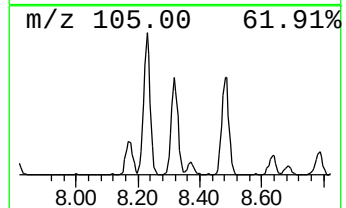
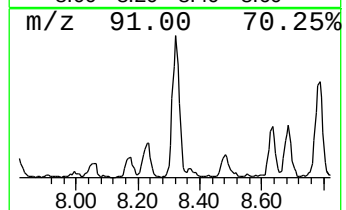
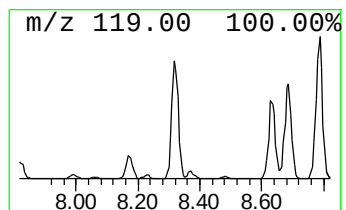
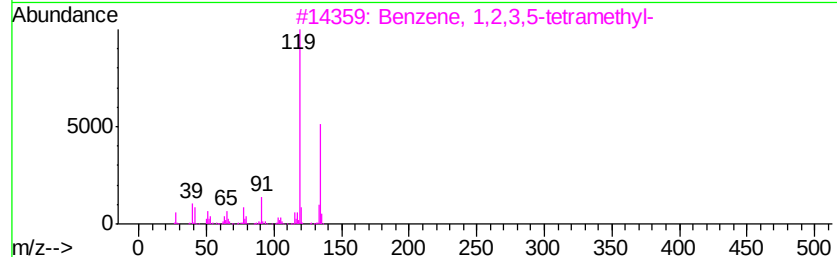
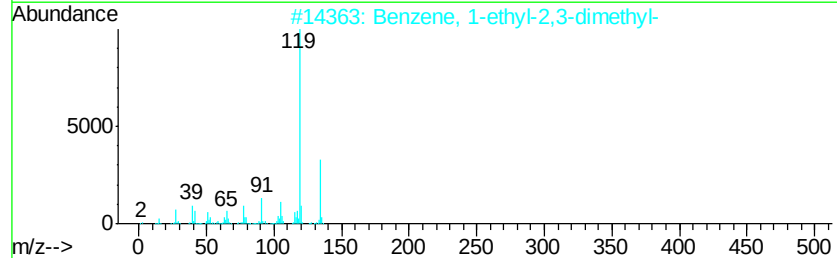
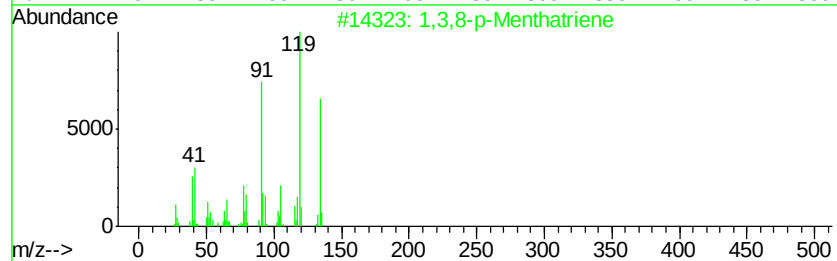
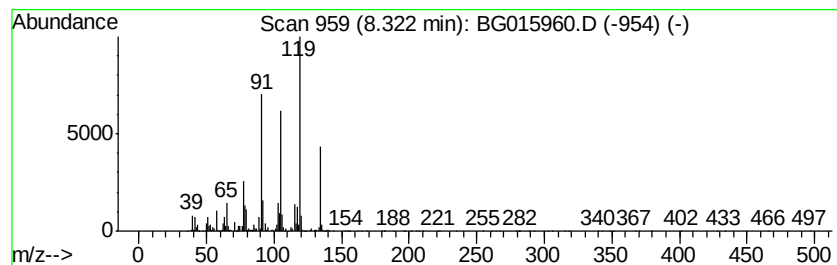
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 1,3,8-p-Menthatriene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.32	30.85 ng	2156720	1,4-Dichlorobenzene-d4	7.69

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,3,8-p-Menthatriene	134	C10H14	021195-59-5	90
2		Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	90
3		Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	87
4		Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	87
5		Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	87



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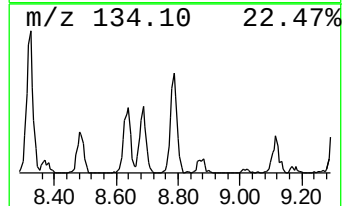
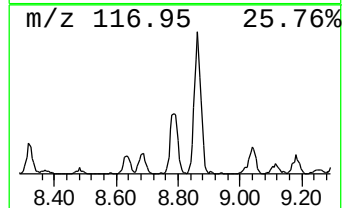
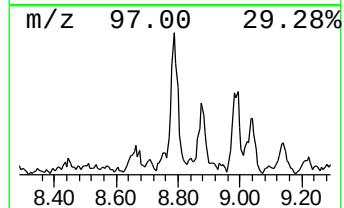
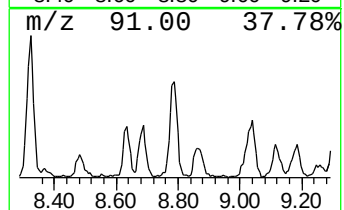
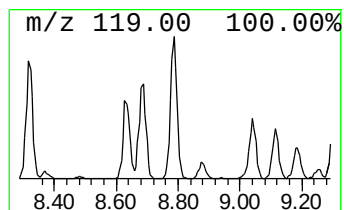
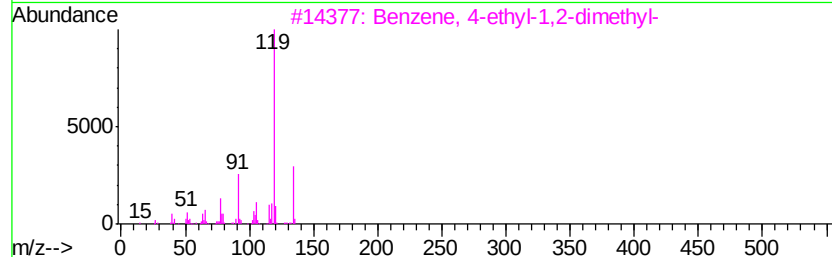
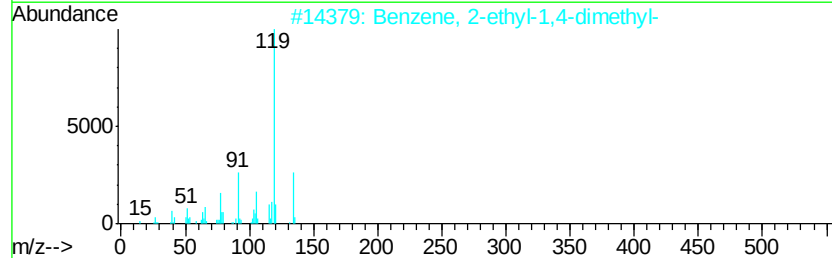
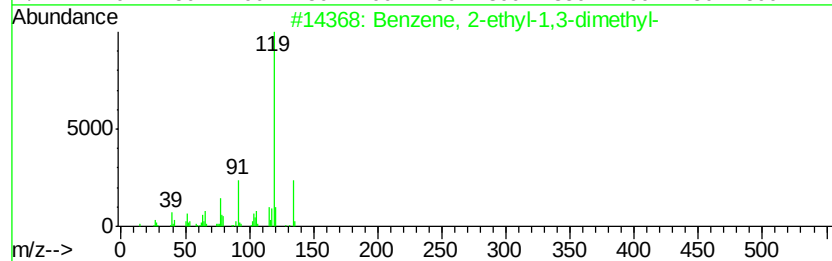
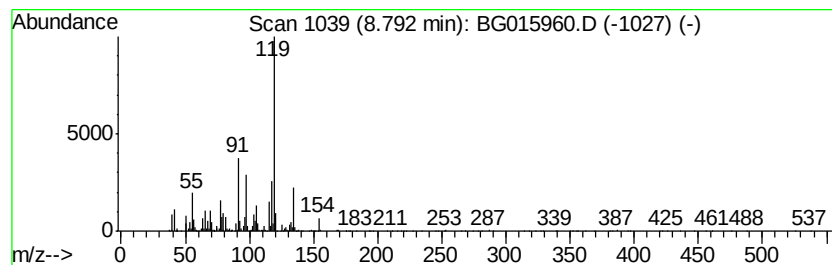
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG012015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Benzene, 2-ethyl-1,3-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.79	34.24 ng	2394120	1,4-Dichlorobenzene-d4	7.69

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	92
2		Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	76
3		Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	70
4		Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	70
5		Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	70



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Data File : BG015960.D
Acq On : 28 Jan 2015 00:17
Operator : TP/IZ
Sample : G1139-06
Misc :
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Instrument :
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ClientSampleId :
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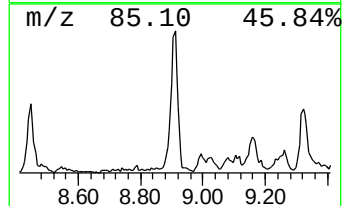
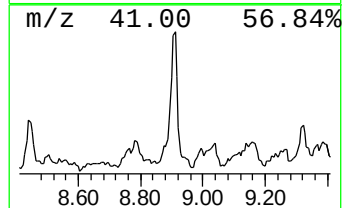
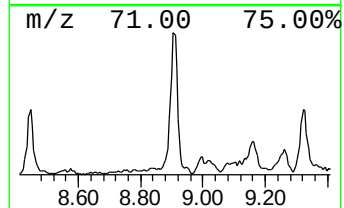
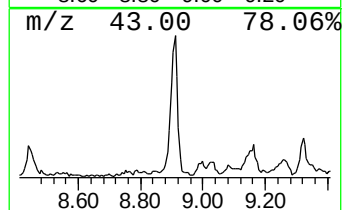
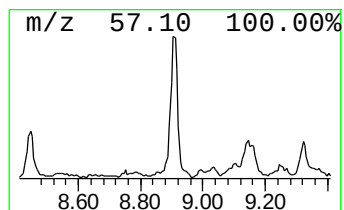
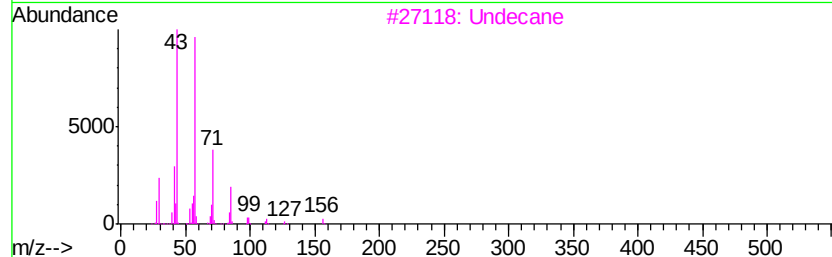
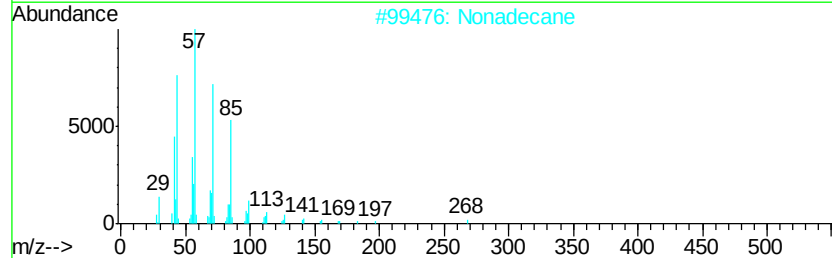
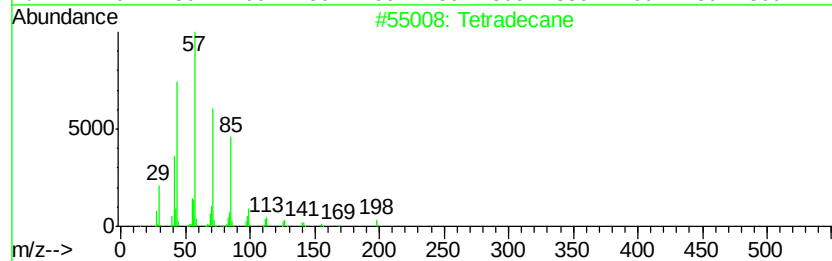
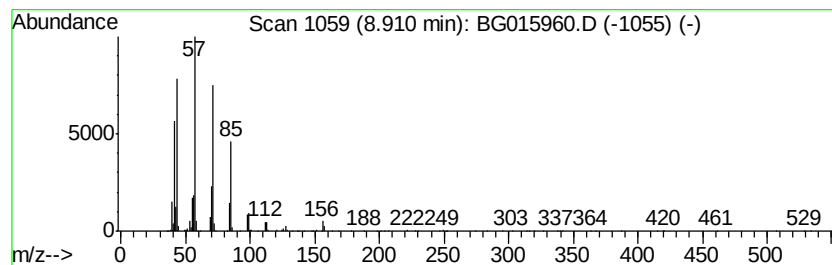
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Tetradecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.91	34.37 ng	2403160	1,4-Dichlorobenzene-d4	7.69

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tetradecane	198	C14H30	000629-59-4	86
2		Nonadecane	268	C19H40	000629-92-5	86
3		Undecane	156	C11H24	001120-21-4	80
4		Octadecane, 1-chloro-	288	C18H37Cl	003386-33-2	72
5		Decane, 2,3,8-trimethyl-	184	C13H28	062238-14-6	72



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Acq On : 28 Jan 2015 00:17
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Misc :
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ClientSampleId :
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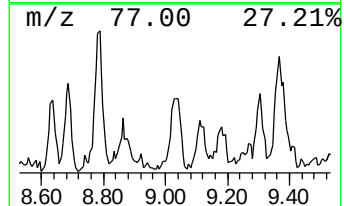
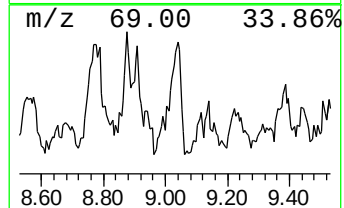
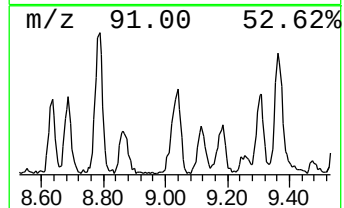
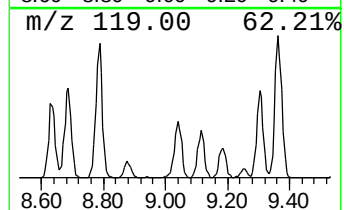
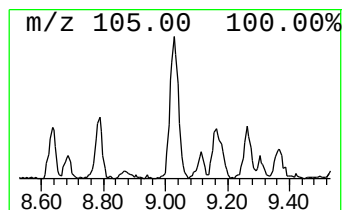
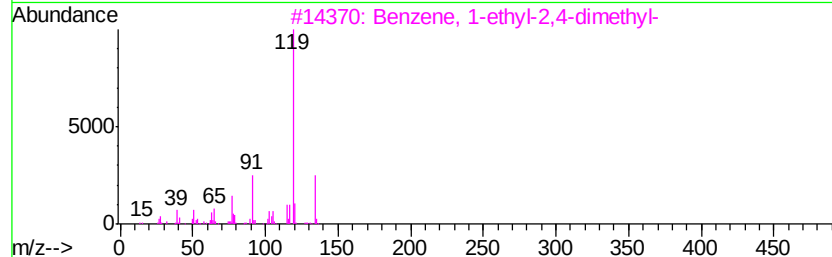
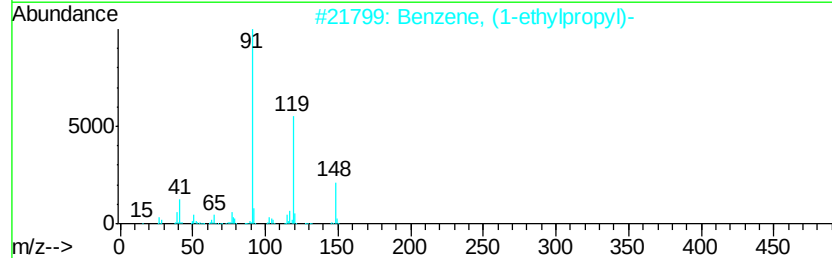
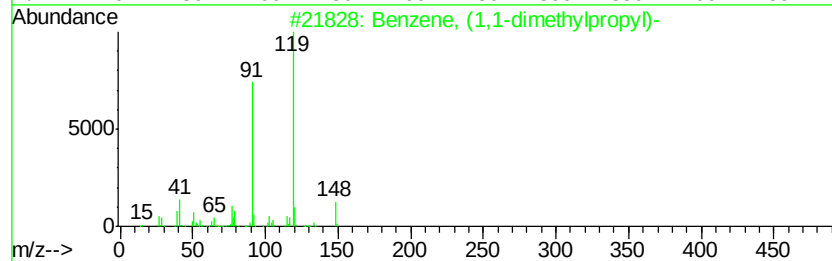
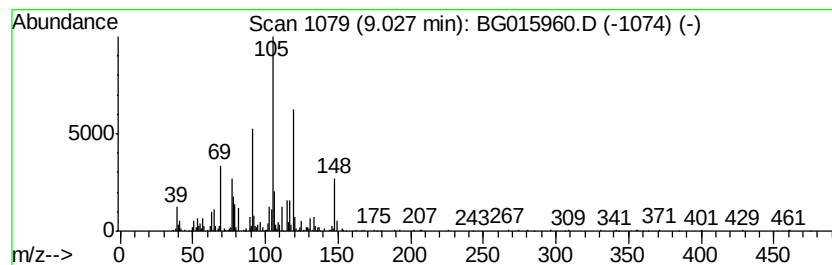
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 unknown9.03 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.03	23.62 ng	1651610	1,4-Dichlorobenzene-d4	7.69

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	49
2		Benzene, (1-ethylpropyl)-	148	C11H16	001196-58-3	47
3		Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	47
4		7-Methoxymethyl-2,7-dimethylcycl...	164	C11H16O	073992-48-0	47
5		Pyridine, 5-ethenyl-2-methyl-	119	C8H9N	000140-76-1	43



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG012615\
Data File : BG015960.D
Acq On : 28 Jan 2015 00:17
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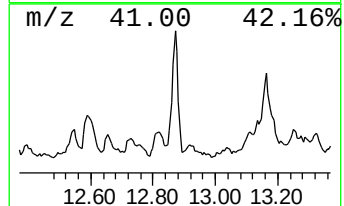
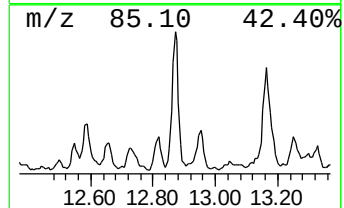
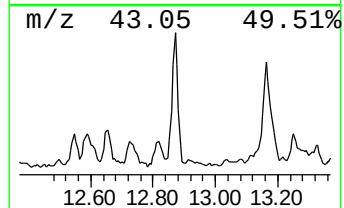
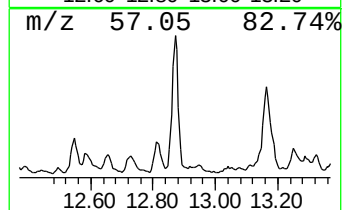
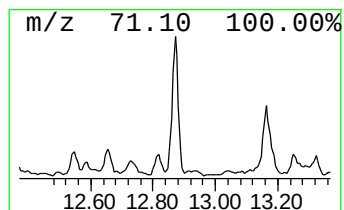
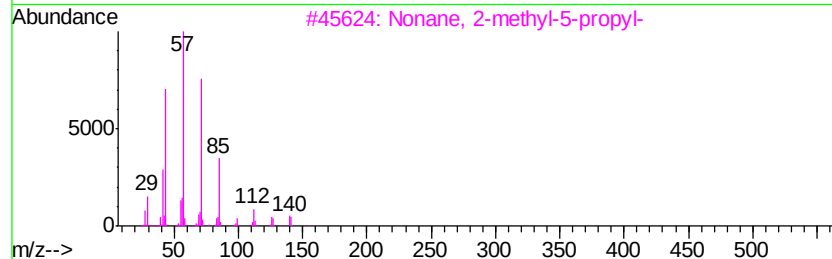
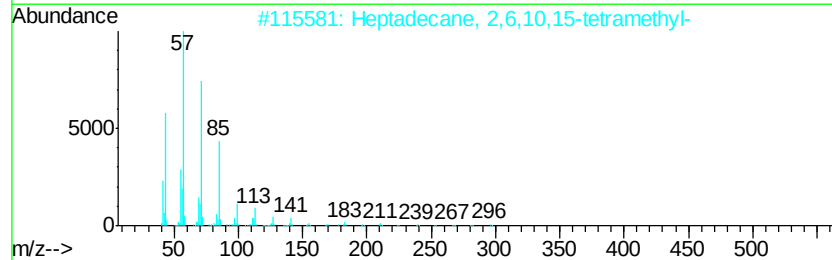
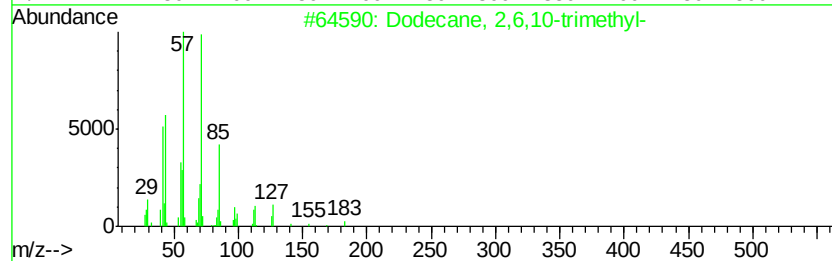
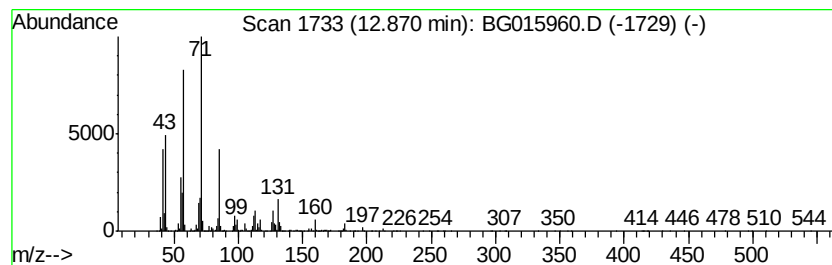
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Dodecane, 2,6,10-trimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.87	40.00 ng	7314700	Acenaphthene-d10	14.34

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	90
2		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	64
3		Nonane, 2-methyl-5-propyl-	184	C13H28	031081-17-1	59
4		Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	58
5		Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	53



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG012615\
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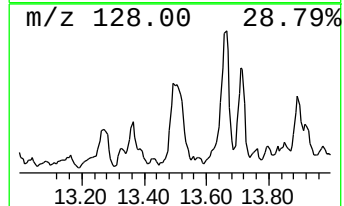
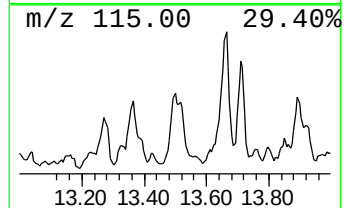
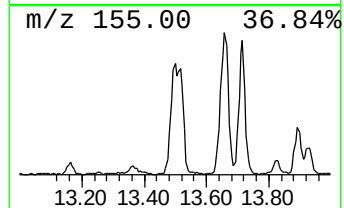
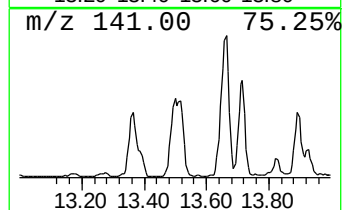
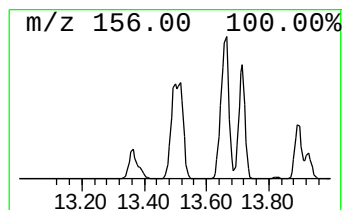
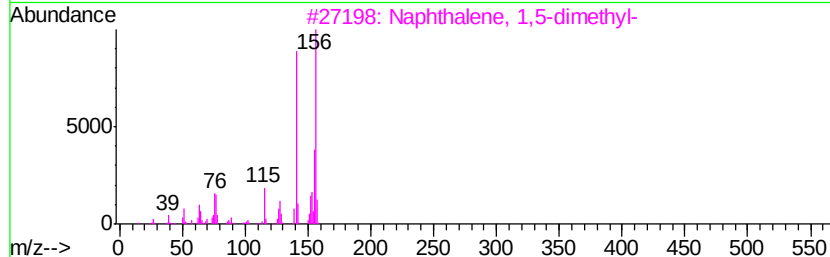
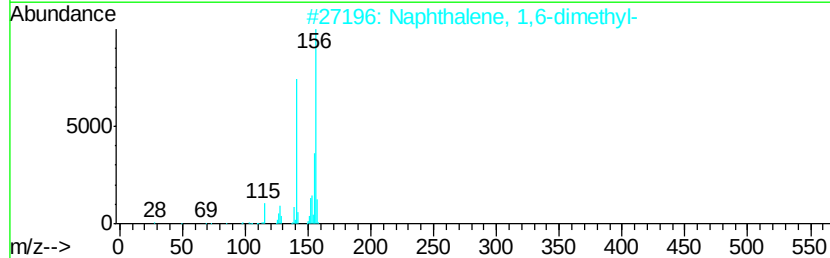
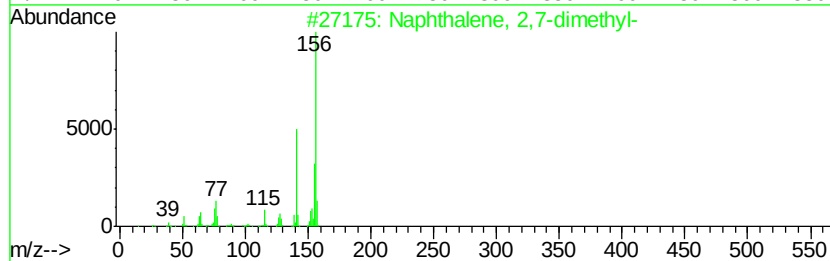
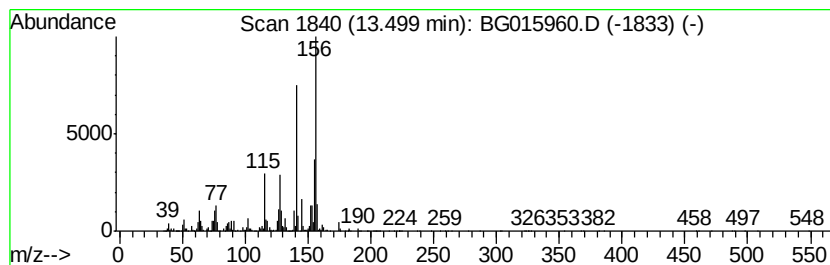
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Naphthalene, 2,7-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.50	60.54 ng	11070300	Acenaphthene-d10	14.34
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, 2,7-dimethyl-	156 C12H12	000582-16-1 95
2		Naphthalene, 1,6-dimethyl-	156 C12H12	000575-43-9 95
3		Naphthalene, 1,5-dimethyl-	156 C12H12	000571-61-9 95
4		Naphthalene, 2,6-dimethyl-	156 C12H12	000581-42-0 95
5		Naphthalene, 1,7-dimethyl-	156 C12H12	000575-37-1 95



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG012615\
Data File : BG015960.D
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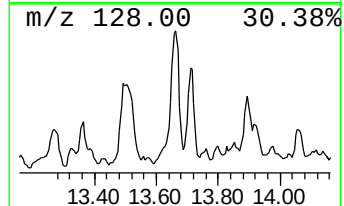
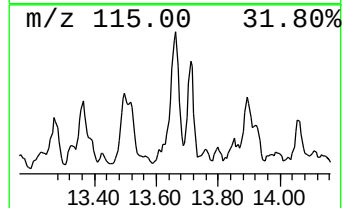
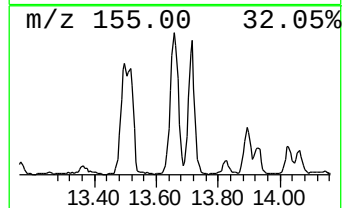
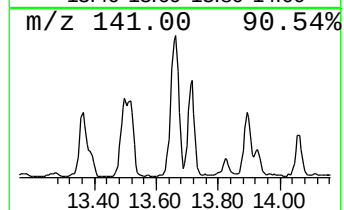
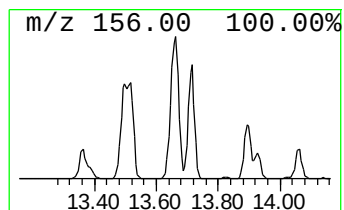
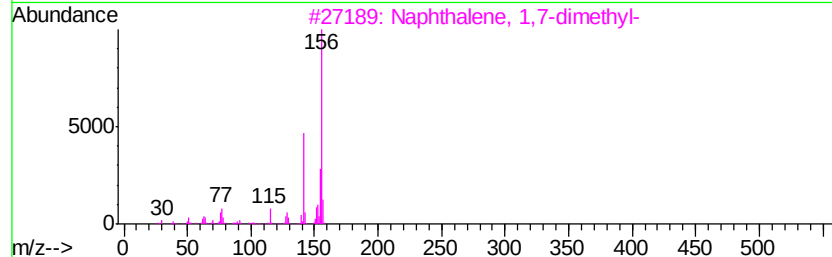
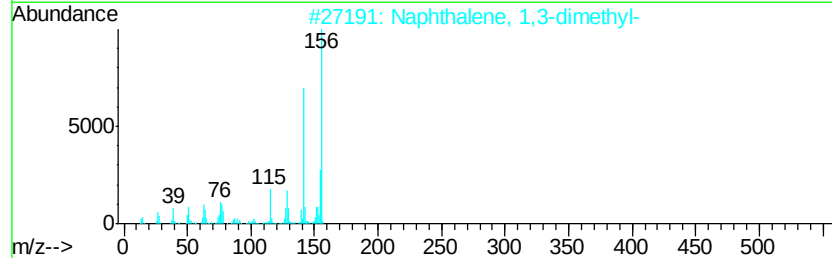
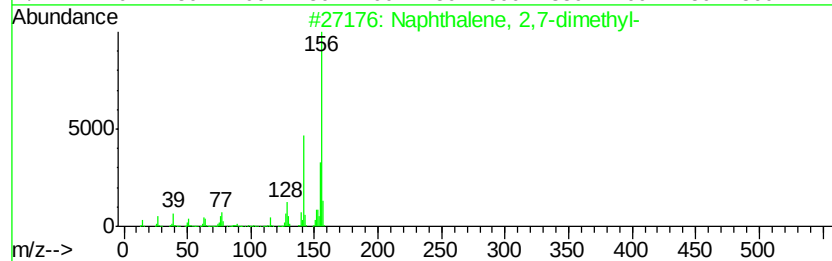
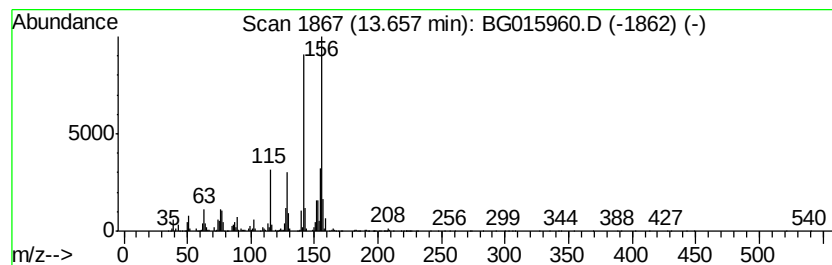
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Naphthalene, 1,3-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.66	42.99 ng	7861220	Acenaphthene-d10	14.34

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
2		Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	95
3		Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	95
4		Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	95
5		Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	95



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG012615\
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Acq On : 28 Jan 2015 00:17
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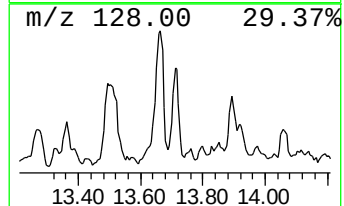
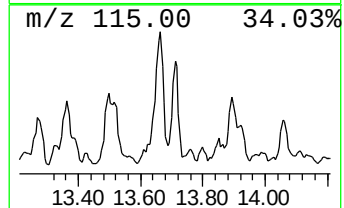
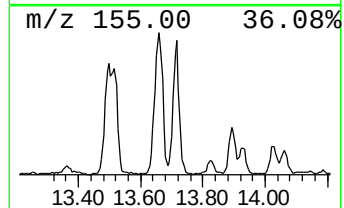
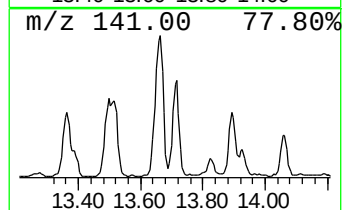
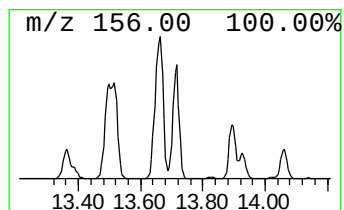
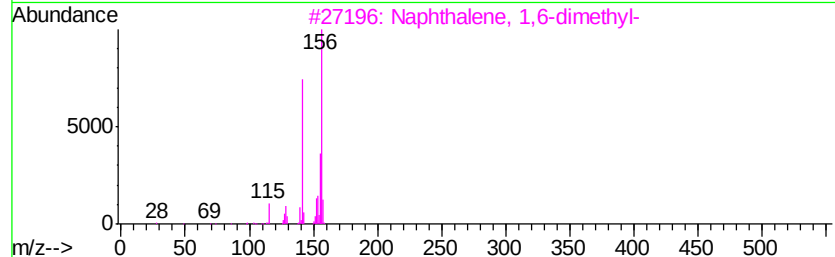
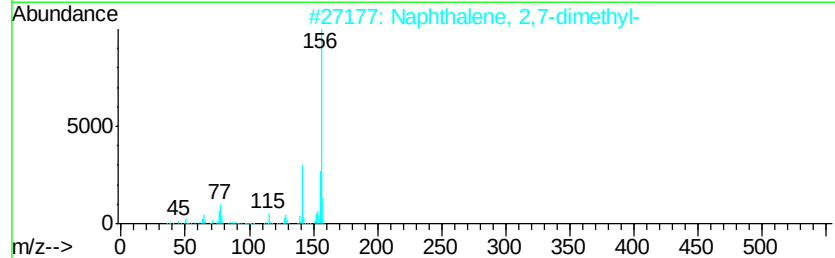
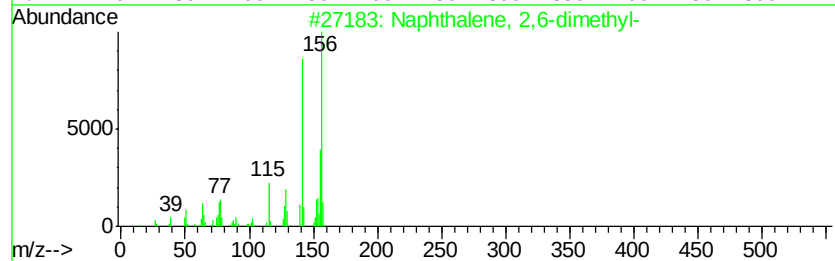
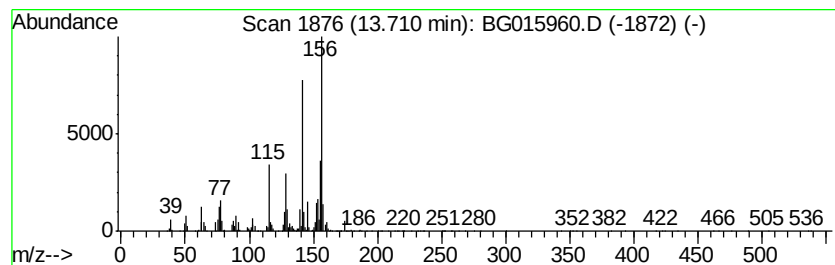
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 Naphthalene, 2,6-dimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.71	26.89 ng	4916720	Acenaphthene-d10	14.34

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96
2		Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	95
3		Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	95
4		Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	94
5		Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	94



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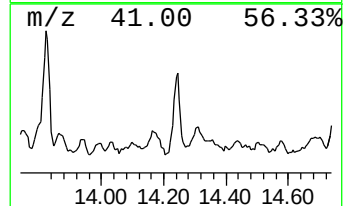
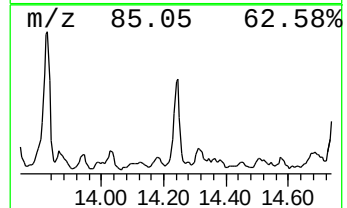
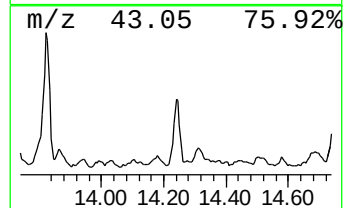
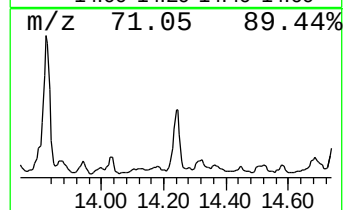
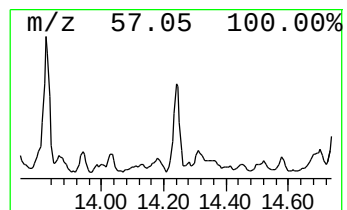
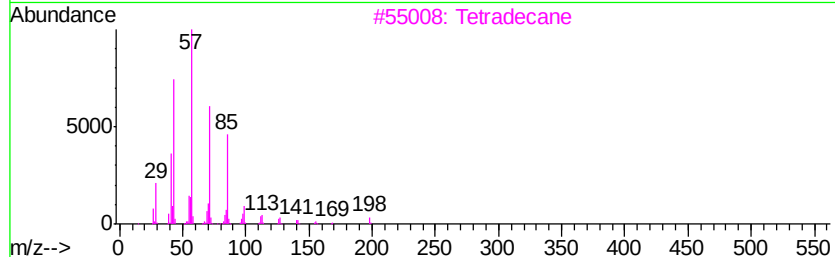
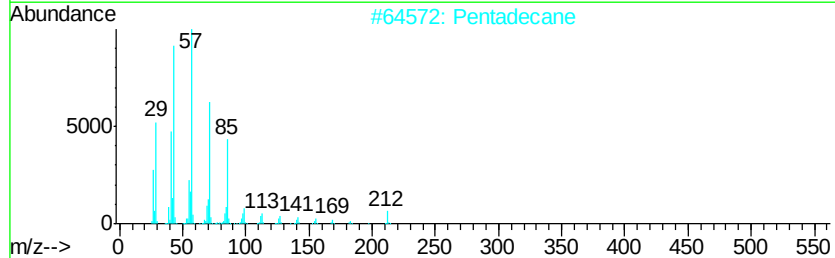
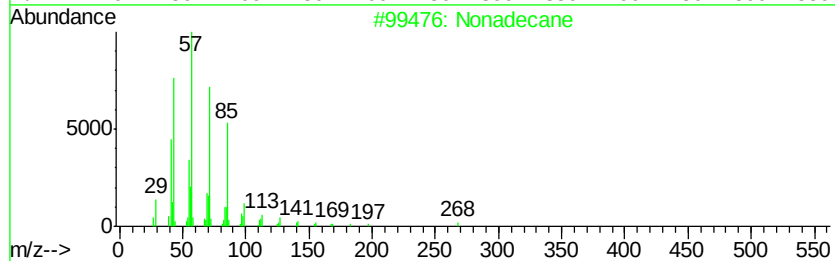
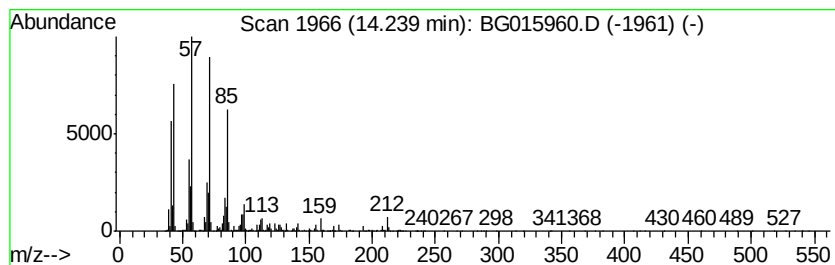
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG012015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Nonadecane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.24	31.53 ng	5764840	Acenaphthene-d10	14.34
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Nonadecane		268 C19H40	000629-92-5 87
2	Pentadecane		212 C15H32	000629-62-9 81
3	Tetradecane		198 C14H30	000629-59-4 64
4	Decane, 2,3,5,8-tetramethyl-		198 C14H30	192823-15-7 58
5	1-Iodo-2-methylundecane		296 C12H25I	073105-67-6 52



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG012615\
Data File : BG015960.D
Acq On : 28 Jan 2015 00:17
Operator : TP/IZ
Sample : G1139-06
Misc :
ALS Vial : 42 Sample Multiplier: 1

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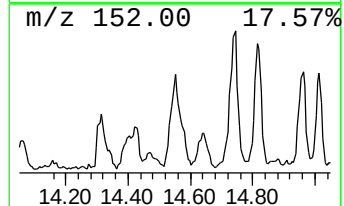
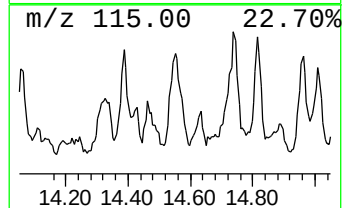
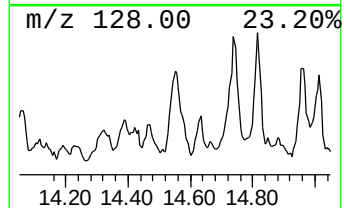
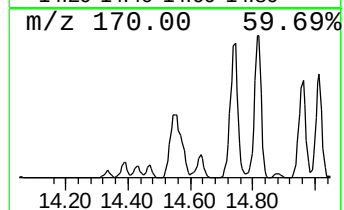
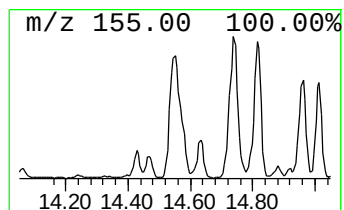
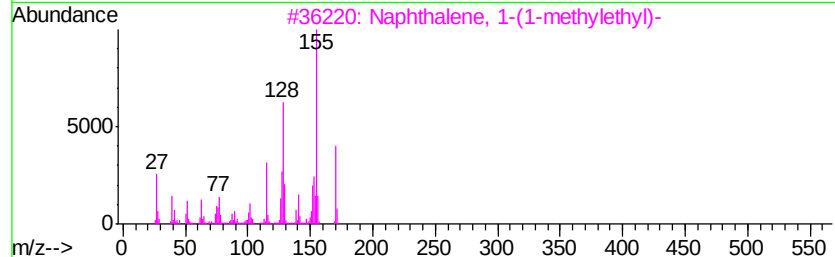
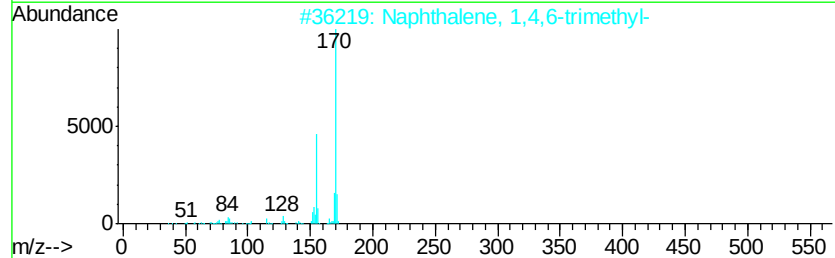
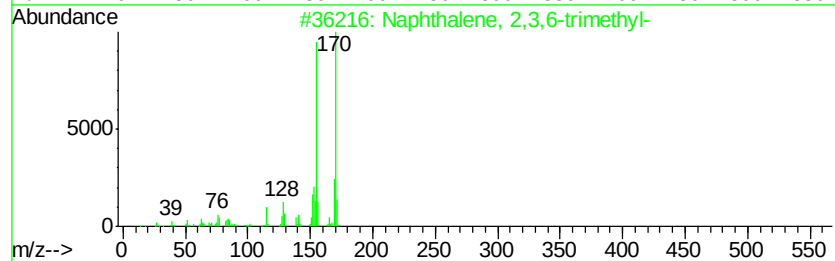
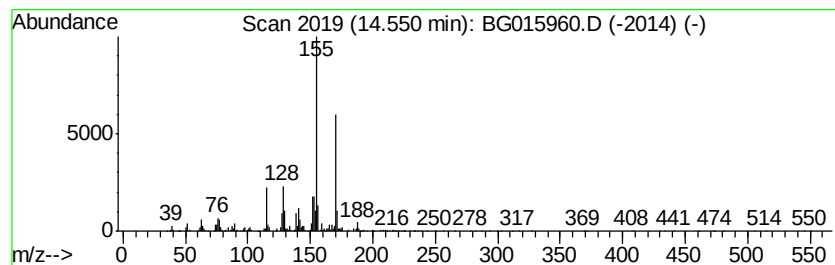
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Naphthalene, 2,3,6-trimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.55	41.14 ng	7523610	Acenaphthene-d10	14.34

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	95
2		Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	94
3		Naphthalene, 1-(1-methylethyl)-	170	C13H14	006158-45-8	94
4		Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	94
5		Azulene, 4,6,8-trimethyl-	170	C13H14	000941-81-1	83



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG012615\
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Instrument :
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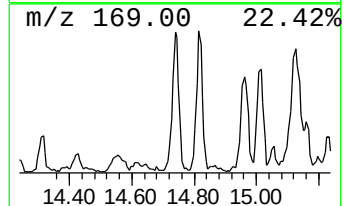
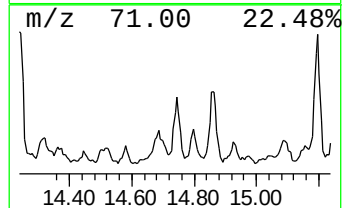
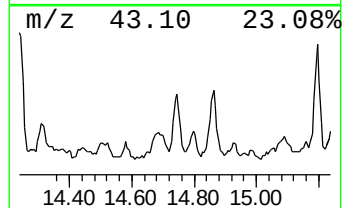
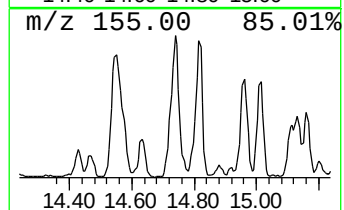
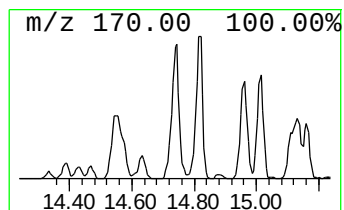
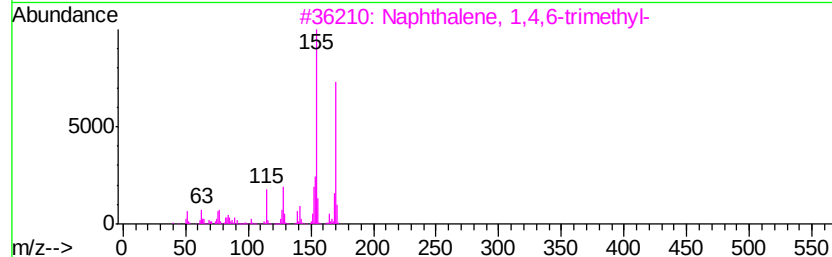
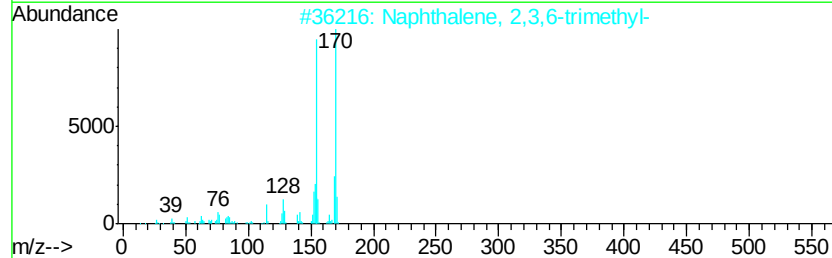
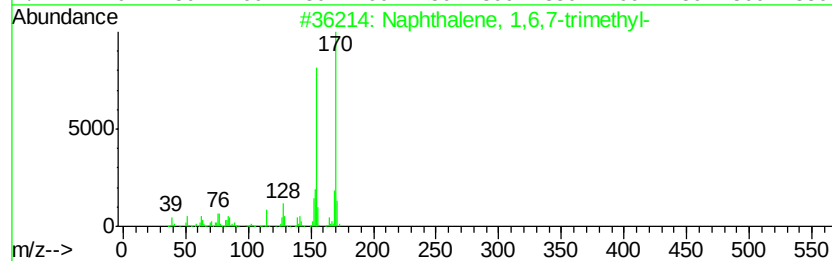
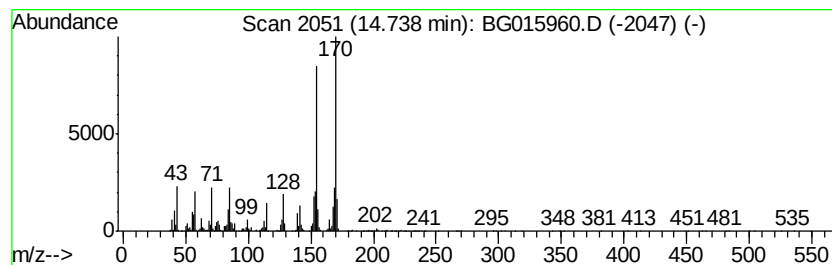
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Naphthalene, 1,6,7-trimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.74	39.64 ng	7247710	Acenaphthene-d10	14.34

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	96
2		Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	95
3		Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	91
4		3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	91
5		Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	90



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG012615\
Data File : BG015960.D
Acq On : 28 Jan 2015 00:17
Operator : TP/IZ
Sample : G1139-06
Misc :
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Instrument :
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ClientSampleId :
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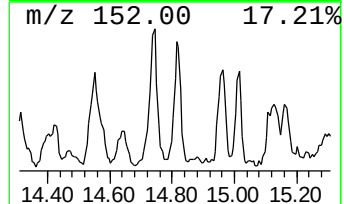
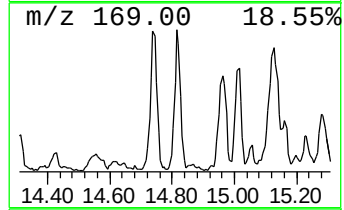
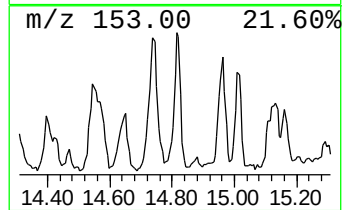
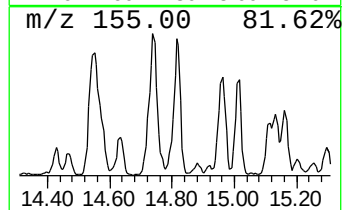
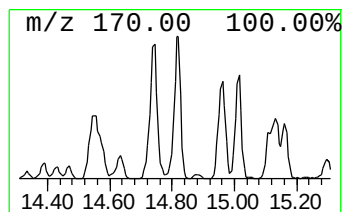
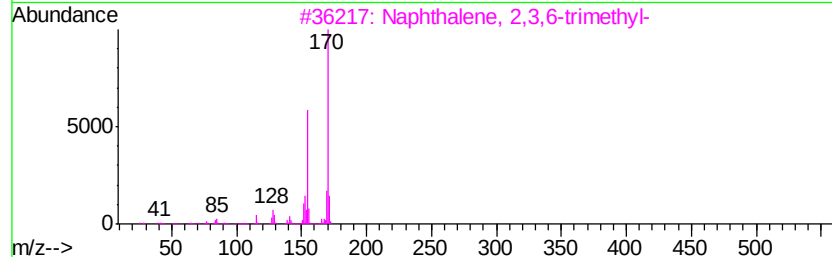
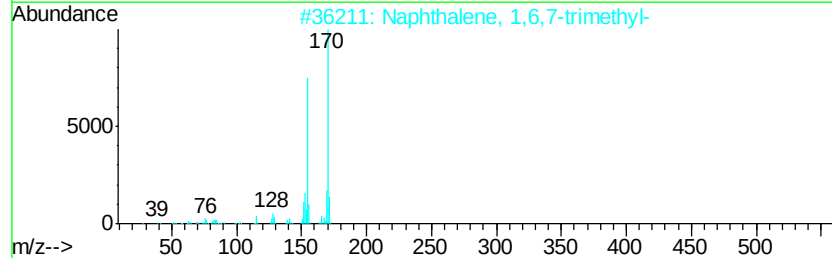
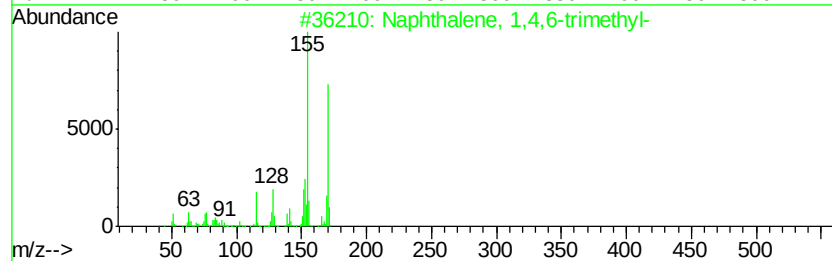
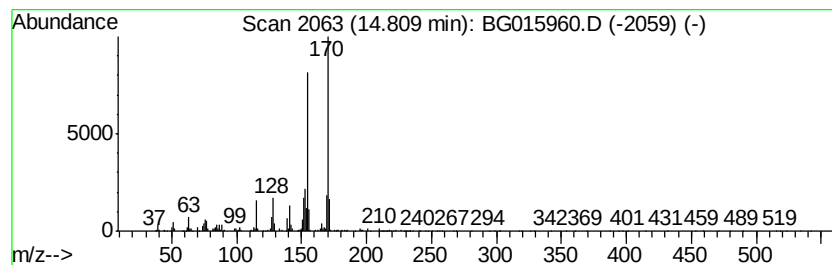
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Naphthalene, 1,4,6-trimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.81	25.21 ng	4609440	Acenaphthene-d10	14.34

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	97
2		Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	95
3		Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	95
4		Azulene, 4,6,8-trimethyl-	170	C13H14	000941-81-1	91
5		3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	90



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG012615\
Data File : BG015960.D
Acq On : 28 Jan 2015 00:17
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Sample : G1139-06
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ALS Vial : 42 Sample Multiplier: 1

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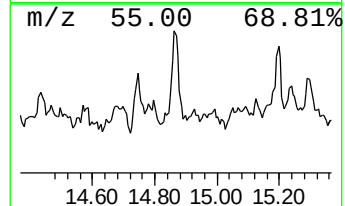
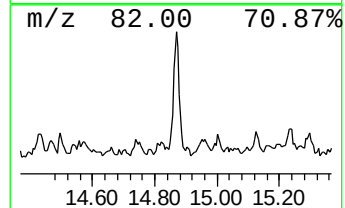
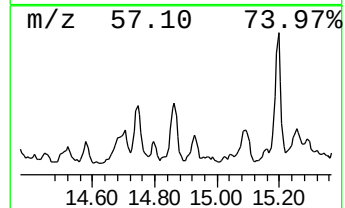
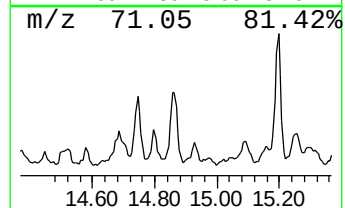
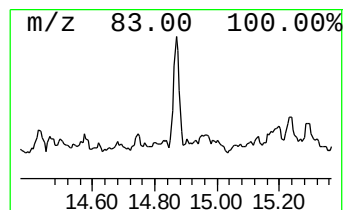
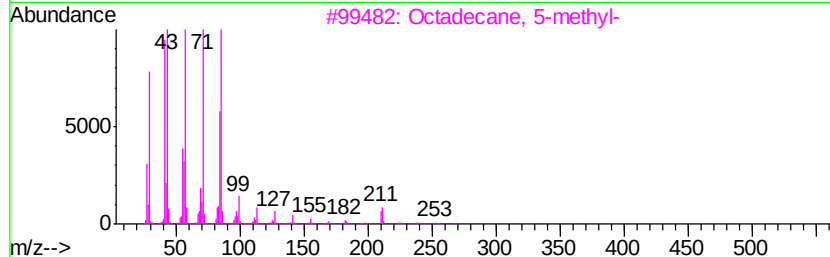
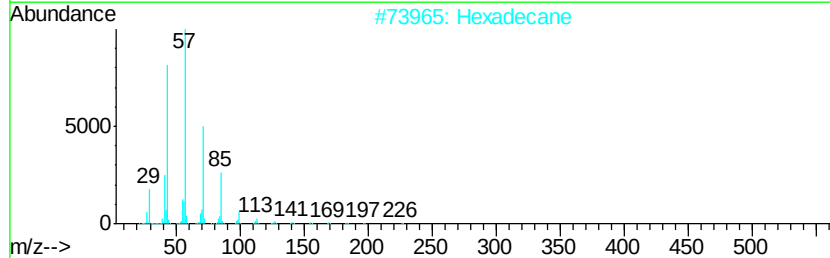
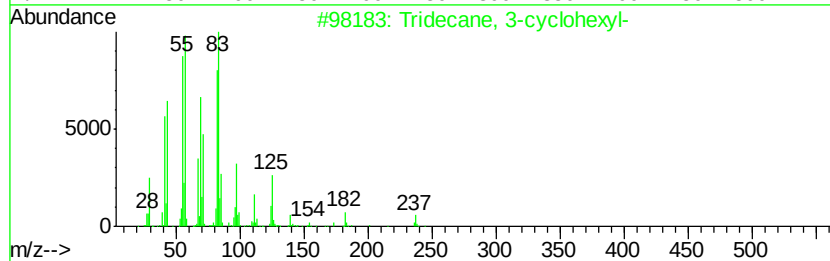
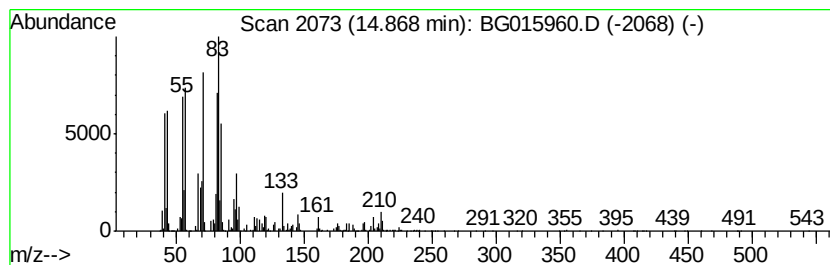
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 unknown14.87 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.87	25.81 ng	4720490	Acenaphthene-d10	14.34

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecane, 3-cyclohexyl-	266	C19H38	013151-88-7	43
2		Hexadecane	226	C16H34	000544-76-3	42
3		Octadecane, 5-methyl-	268	C19H40	025117-35-5	38
4		Tetradecane, 4-methyl-	212	C15H32	025117-24-2	38
5		n-Nonylcyclohexane	210	C15H30	002883-02-5	35



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG012615\
Data File : BG015960.D
Acq On : 28 Jan 2015 00:17
Operator : TP/IZ
Sample : G1139-06
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Instrument :
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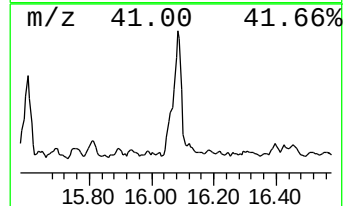
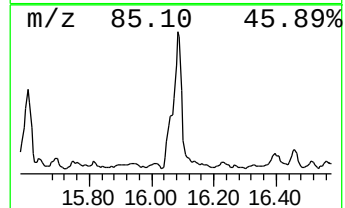
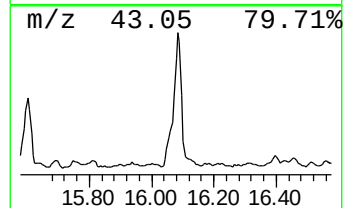
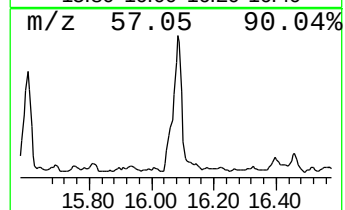
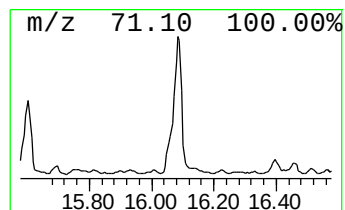
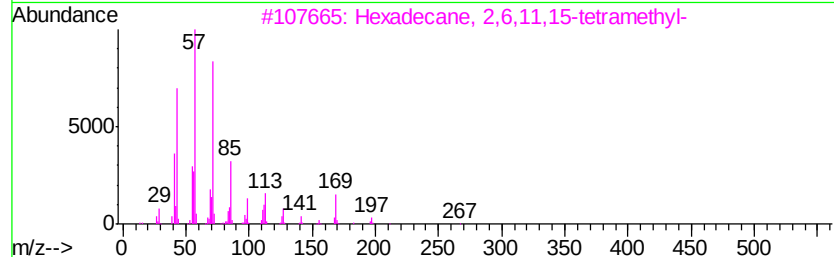
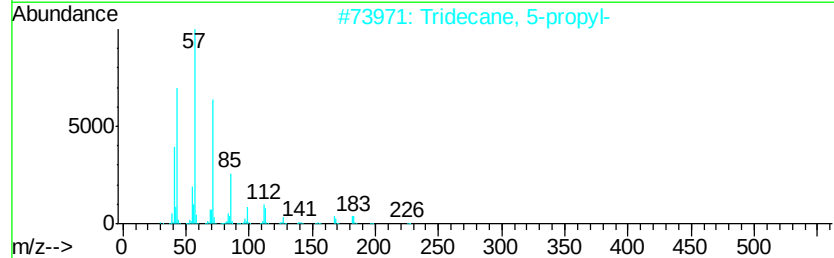
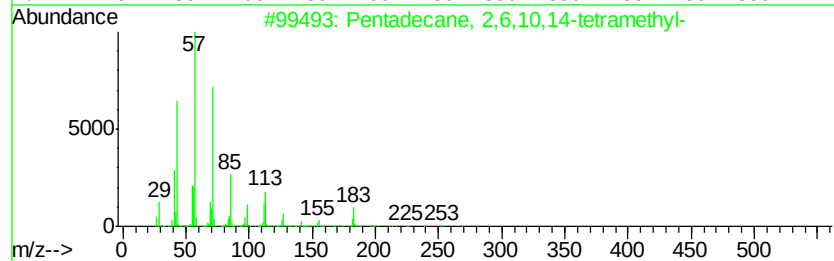
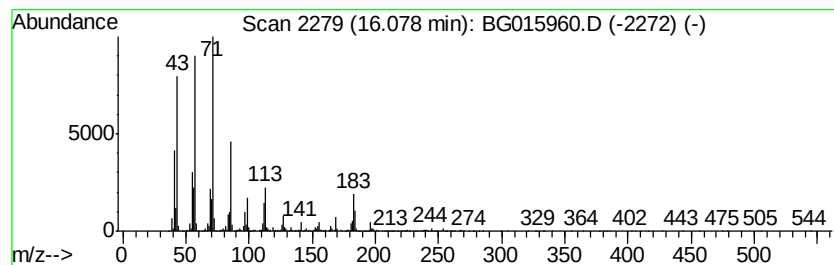
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Pentadecane, 2,6,10,14-tetr... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.08	157.48 ng	21276900	Phenanthrene-d10	17.09

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	93
2		Tridecane, 5-propyl-	226	C16H34	055045-11-9	93
3		Hexadecane, 2,6,11,15-tetramethyl-	282	C20H42	000504-44-9	86
4		Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	81
5		Dodecane, 2-methyl-8-propyl-	226	C16H34	055045-07-3	81



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG012615\
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Acq On : 28 Jan 2015 00:17
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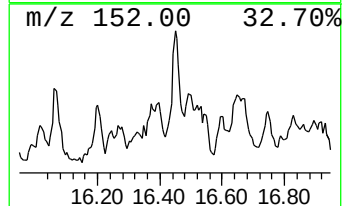
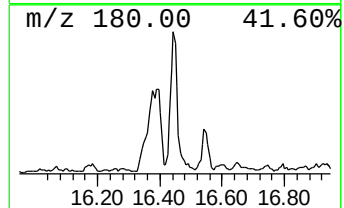
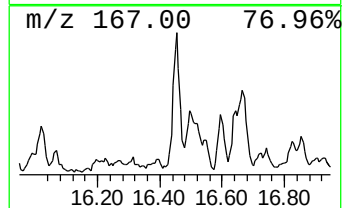
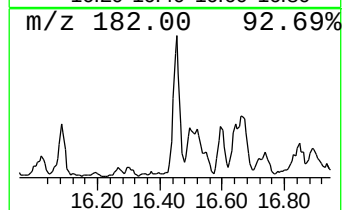
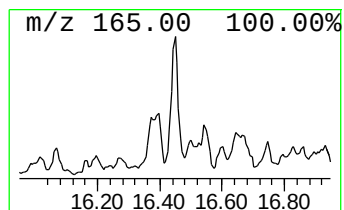
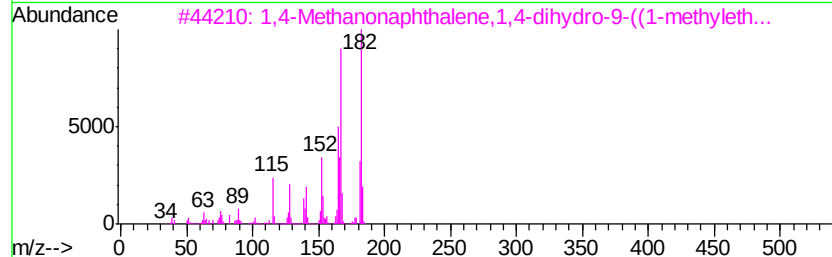
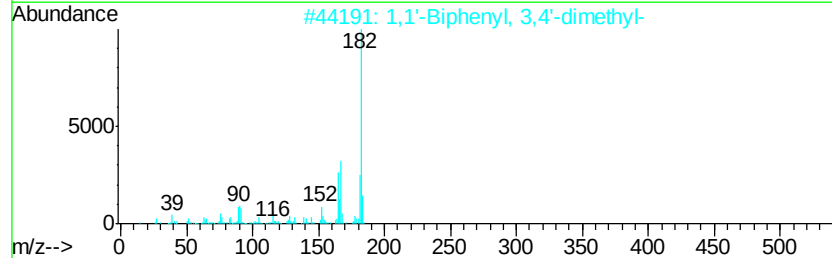
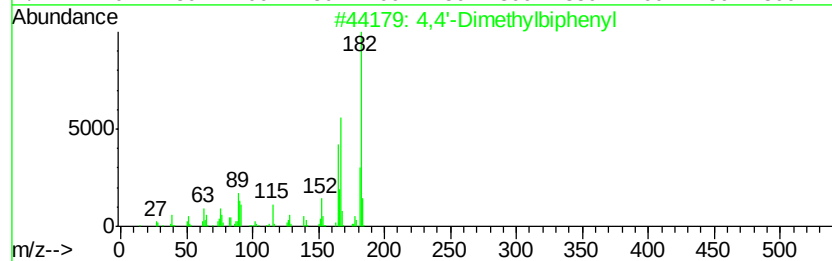
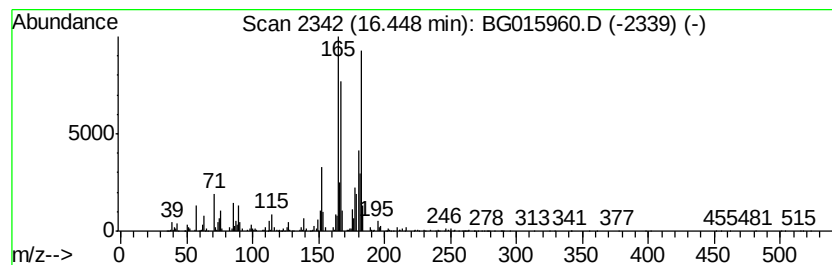
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 4,4'-Dimethylbiphenyl Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.45	24.34 ng	3288220	Phenanthrene-d10	17.09

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4,4'-Dimethylbiphenyl	182	C14H14	000613-33-2	86
2		1,1'-Biphenyl, 3,4'-dimethyl-	182	C14H14	007383-90-6	70
3		1,4-Methanonaphthalene,1,4-dihyd...	182	C14H14	007350-72-3	64
4		1,1'-Biphenyl, 2,4'-dimethyl-	182	C14H14	000611-61-0	58
5		2,2'-Dimethylbiphenyl	182	C14H14	000605-39-0	49



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG012615\
Data File : BG015960.D
Acq On : 28 Jan 2015 00:17
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Sample : G1139-06
Misc :
ALS Vial : 42 Sample Multiplier: 1

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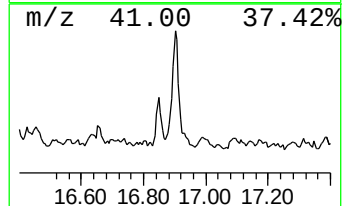
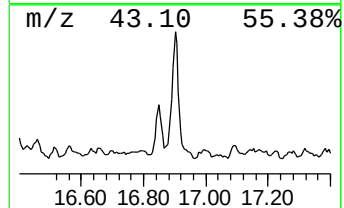
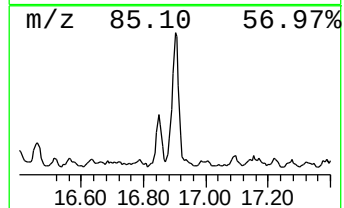
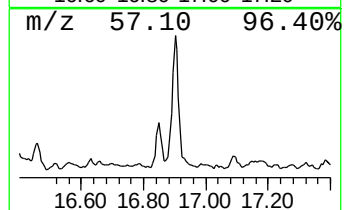
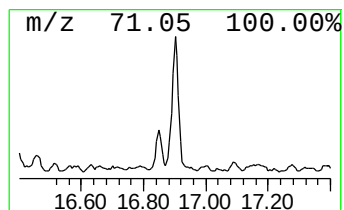
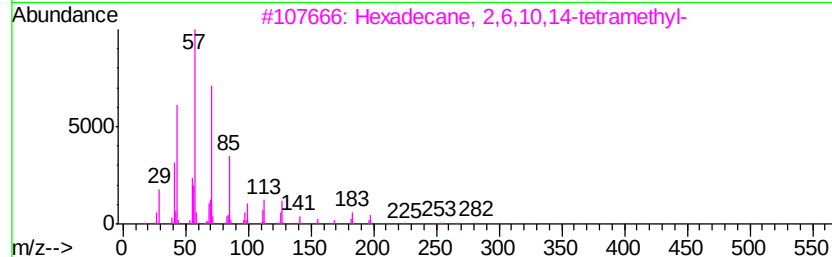
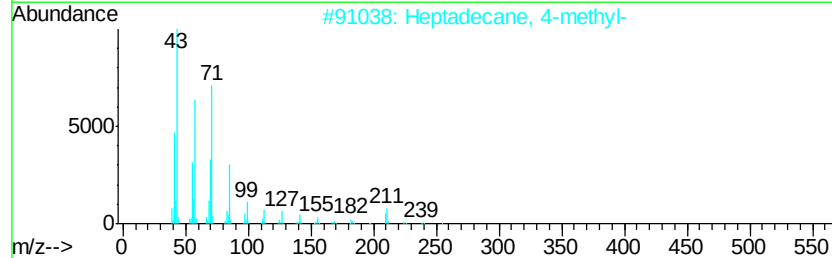
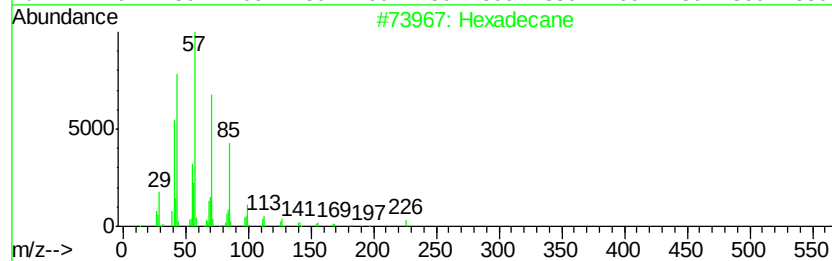
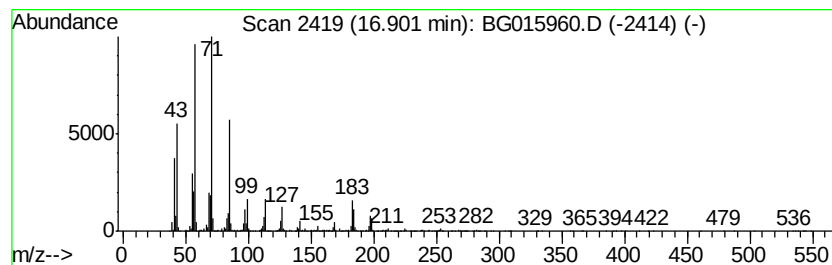
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Hexadecane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.90	99.41 ng	13431200	Phenanthrene-d10	17.09

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane	226	C16H34	000544-76-3	91
2		Heptadecane, 4-methyl-	254	C18H38	026429-11-8	90
3		Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	87
4		Tridecane	184	C13H28	000629-50-5	87
5		Tridecane, 6-propyl-	226	C16H34	055045-10-8	81



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG012615\
Data File : BG015960.D
Acq On : 28 Jan 2015 00:17
Operator : TP/IZ
Sample : G1139-06
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
121B4

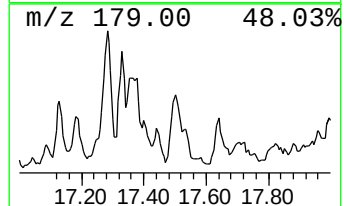
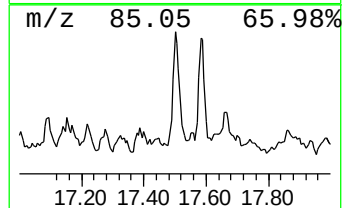
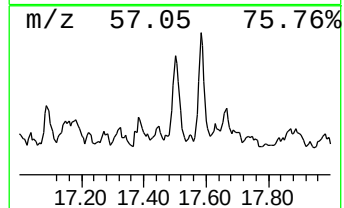
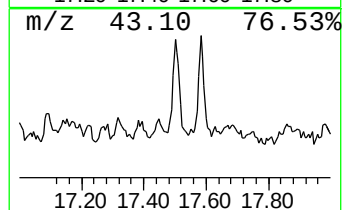
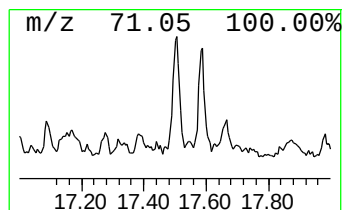
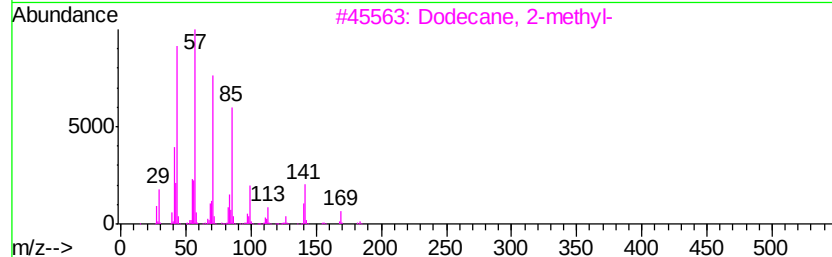
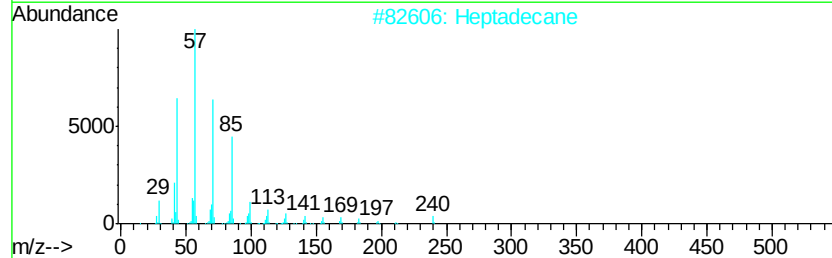
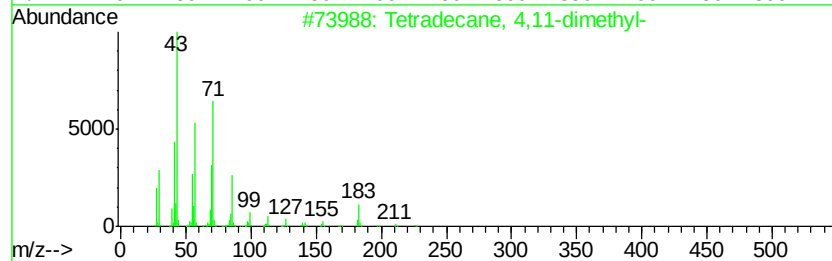
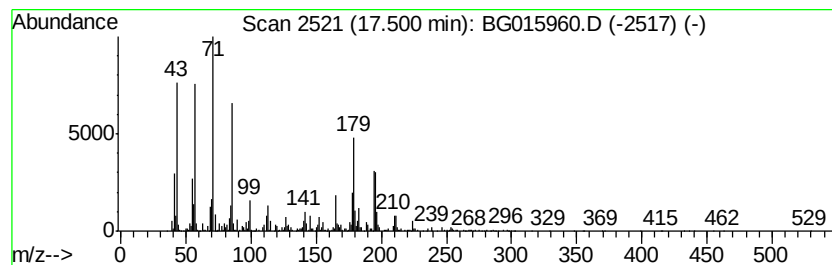
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 unknown17.50 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.50	29.80 ng	4026560	Phenanthrene-d10	17.09

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetradecane, 4,11-dimethyl-	226	C16H34	055045-12-0	42
2		Heptadecane	240	C17H36	000629-78-7	38
3		Dodecane, 2-methyl-	184	C13H28	001560-97-0	38
4		Octadecane	254	C18H38	000593-45-3	38
5		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	38



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG012615\
Data File : BG015960.D
Acq On : 28 Jan 2015 00:17
Operator : TP/IZ
Sample : G1139-06
Misc :
ALS Vial : 42 Sample Multiplier: 1

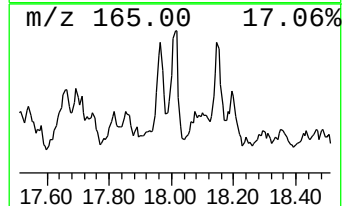
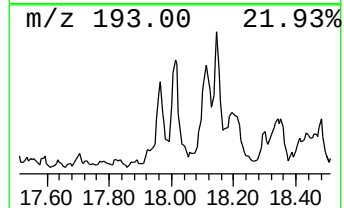
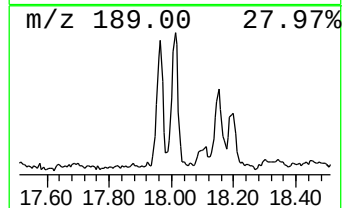
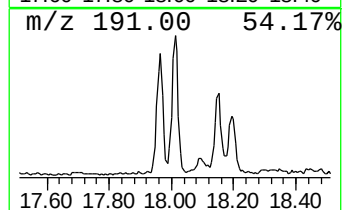
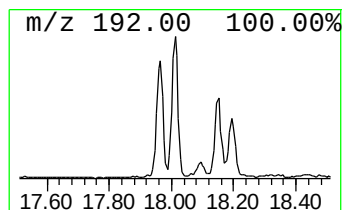
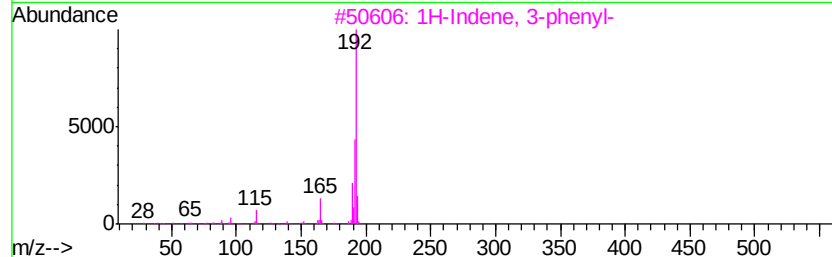
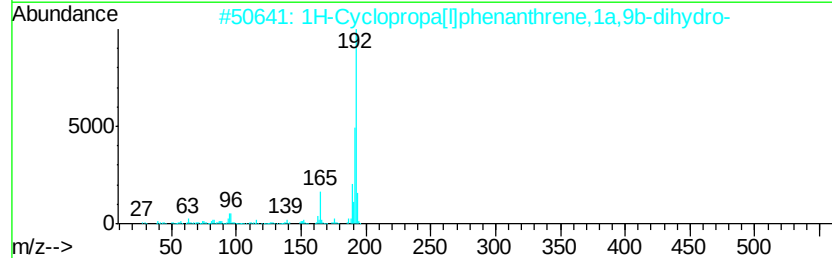
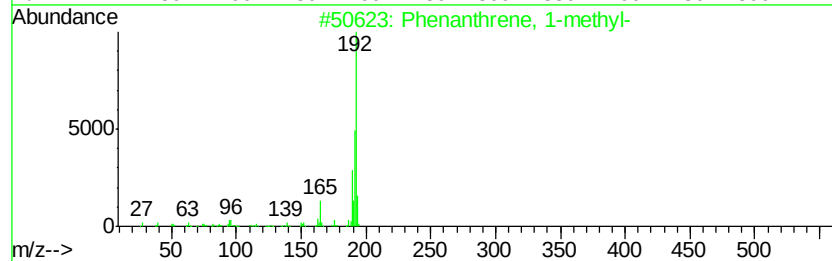
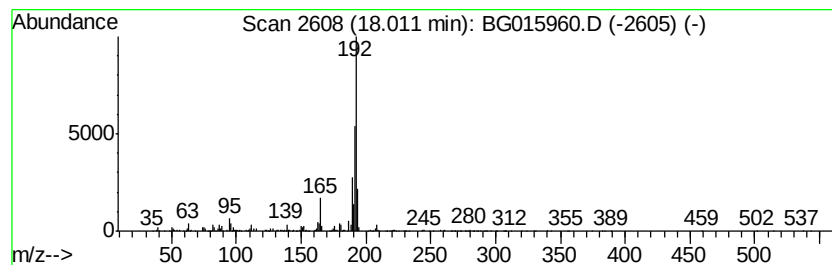
Instrument :
BNA_G
ClientSampleId :
121B4

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG012015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Phenanthrene, 1-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.	
18.01	30.20 ng	4080200	Phenanthrene-d10	17.09	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
2	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	93
3	1H-Indene, 3-phenyl-	192	C15H12	001961-97-3	93
4	1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	93
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	93



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG012615\
 Data File : BG015960.D
 Acq On : 28 Jan 2015 00:17
 Operator : TP/IZ
 Sample : G1139-06
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 121B4

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG012015.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
unknown7.22	7.22	63.6	ng	4447180	1	7.69	1398390	20.0
1,3,8-p-Menthatriene	8.32	30.9	ng	2156720	1	7.69	1398390	20.0
Benzene, 2-ethyl-...	8.79	34.2	ng	2394120	1	7.69	1398390	20.0
Tetradecane	8.91	34.4	ng	2403160	1	7.69	1398390	20.0
unknown9.03	9.03	23.6	ng	1651610	1	7.69	1398390	20.0
Dodecane, 2,6,10-...	12.87	40.0	ng	7314700	3	14.34	3657210	20.0
Naphthalene, 2,7-...	13.50	60.5	ng	11070300	3	14.34	3657210	20.0
Naphthalene, 1,3-...	13.66	43.0	ng	7861220	3	14.34	3657210	20.0
Naphthalene, 2,6-...	13.71	26.9	ng	4916720	3	14.34	3657210	20.0
Nonadecane	14.24	31.5	ng	5764840	3	14.34	3657210	20.0
Naphthalene, 2,3,...	14.55	41.1	ng	7523610	3	14.34	3657210	20.0
Naphthalene, 1,6,...	14.74	39.6	ng	7247710	3	14.34	3657210	20.0
Naphthalene, 1,4,...	14.81	25.2	ng	4609440	3	14.34	3657210	20.0
unknown14.87	14.87	25.8	ng	4720490	3	14.34	3657210	20.0
Pentadecane, 2,6,...	16.08	157.5	ng	21276900	4	17.09	2702250	20.0
4,4'-Dimethylbiph...	16.45	24.3	ng	3288220	4	17.09	2702250	20.0
Hexadecane	16.90	99.4	ng	13431200	4	17.09	2702250	20.0
unknown17.50	17.50	29.8	ng	4026560	4	17.09	2702250	20.0
Phenanthrene, 1-m...	18.01	30.2	ng	4080200	4	17.09	2702250	20.0