

Data Path : Z:\HPCHEM1\BNA G\DATA\BG120815\
 Data File : BG020019.D
 Acq On : 8 Dec 2015 15:43
 Operator : UM/SJ
 Sample : G4684-07
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SP1-COMP1

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	2.988	20	25	46	rVB	1093408	1574672	60.31%	3.023%
2	5.655	473	479	487	rBV	327172	519099	19.88%	0.997%
3	7.259	745	752	759	rVV	395231	692147	26.51%	1.329%
4	7.641	810	817	826	rVB	339513	579921	22.21%	1.113%
5	7.723	826	831	834	rVV	180908	279723	10.71%	0.537%
6	7.753	834	836	843	rVB	112119	152670	5.85%	0.293%
7	8.434	947	952	958	rVB	213044	368322	14.11%	0.707%
8	8.757	1001	1007	1013	rBV4	158868	331118	12.68%	0.636%
9	8.875	1020	1027	1031	rBV	89242	156726	6.00%	0.301%
10	9.222	1076	1086	1091	rBV	154515	322052	12.34%	0.618%
11	9.280	1091	1096	1100	rVV	214561	421983	16.16%	0.810%
12	9.339	1101	1106	1112	rVB	479902	762368	29.20%	1.464%
13	9.474	1117	1129	1136	rBV8	94049	274762	10.52%	0.527%
14	9.750	1171	1176	1181	rBV2	93636	156042	5.98%	0.300%
15	9.809	1181	1186	1189	rBV	91485	147815	5.66%	0.284%
16	10.003	1209	1219	1223	rBV4	63576	157471	6.03%	0.302%
17	10.050	1223	1227	1231	rVV2	100570	159959	6.13%	0.307%
18	10.115	1231	1238	1243	rVV4	109729	242851	9.30%	0.466%
19	10.173	1243	1248	1258	rVB3	133221	346370	13.27%	0.665%
20	10.267	1258	1264	1268	rBV3	132484	244265	9.36%	0.469%
21	10.332	1268	1275	1281	rVV3	201427	472577	18.10%	0.907%
22	10.385	1281	1284	1289	rVB2	93687	144819	5.55%	0.278%
23	10.444	1289	1294	1298	rBV	110130	178163	6.82%	0.342%
24	10.561	1309	1314	1320	rVB	128296	223001	8.54%	0.428%
25	10.626	1320	1325	1333	rBV3	72604	154488	5.92%	0.297%
26	10.708	1333	1339	1348	rBV5	63558	147099	5.63%	0.282%
27	10.896	1364	1371	1381	rBV3	743744	1425317	54.59%	2.736%
28	11.078	1398	1402	1408	rVB	223554	383372	14.68%	0.736%
29	11.143	1408	1413	1420	rBV3	102313	224410	8.60%	0.431%
30	11.401	1452	1457	1465	rVB3	139516	330005	12.64%	0.634%
31	11.589	1484	1489	1491	rVV2	90629	145471	5.57%	0.279%
32	11.630	1491	1496	1502	rVV5	174903	445712	17.07%	0.856%
33	11.683	1502	1505	1512	rVB3	83245	180252	6.90%	0.346%
34	11.760	1512	1518	1525	rBV4	183293	347140	13.30%	0.666%

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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 >

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Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG120215.M
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35	11.836	1525	1531	1538	rBV4	257559	491849	18.84%	0.944%
36	11.936	1544	1548	1552	rVV	250099	410135	15.71%	0.787%
37	12.030	1560	1564	1570	rVB	101963	176192	6.75%	0.338%
38	12.118	1573	1579	1585	rBV2	302667	558210	21.38%	1.072%
39	12.336	1607	1616	1622	rBV	1015691	1679038	64.31%	3.223%
40	12.471	1635	1639	1643	rVB2	161078	230670	8.84%	0.443%
41	12.829	1688	1700	1705	rBV2	295693	679130	26.01%	1.304%
42	12.958	1717	1722	1726	rBV3	171827	263424	10.09%	0.506%
43	12.999	1726	1729	1736	rVV5	95544	234654	8.99%	0.450%
44	13.064	1736	1740	1744	rVV2	126659	244231	9.35%	0.469%
45	13.135	1748	1752	1757	rVB2	262031	361219	13.84%	0.693%
46	13.223	1763	1767	1772	rBV2	148080	268606	10.29%	0.516%
47	13.276	1772	1776	1783	rVV2	323537	599510	22.96%	1.151%
48	13.370	1787	1792	1801	rVV	496951	833774	31.94%	1.601%
49	13.452	1802	1806	1811	rVB5	104463	160833	6.16%	0.309%
50	13.563	1819	1825	1832	rVB	1283113	1926105	73.77%	3.698%
51	13.652	1837	1840	1842	rVV3	98510	149843	5.74%	0.288%
52	13.687	1843	1846	1850	rVV	234525	370062	14.17%	0.710%
53	13.904	1879	1883	1887	rBV3	109742	149028	5.71%	0.286%
54	14.022	1899	1903	1907	rBV5	131235	272197	10.43%	0.523%
55	14.075	1909	1912	1916	rVV5	215247	428075	16.40%	0.822%
56	14.122	1917	1920	1924	rVV3	264840	393786	15.08%	0.756%
57	14.192	1925	1932	1933	rVV3	372149	634066	24.29%	1.217%
58	14.216	1933	1936	1939	rVV	480245	681856	26.12%	1.309%
59	14.257	1939	1943	1948	rVV2	391617	650169	24.90%	1.248%
60	14.327	1951	1955	1960	rVB4	284419	471221	18.05%	0.905%
61	14.633	2002	2007	2014	rVB	1634286	2195661	84.10%	4.215%
62	14.703	2015	2019	2023	rBV6	196786	394073	15.09%	0.757%
63	14.744	2023	2026	2032	rVB2	240693	347736	13.32%	0.668%
64	15.068	2077	2081	2083	rBV3	167629	251067	9.62%	0.482%
65	15.126	2088	2091	2096	rVV2	228595	367785	14.09%	0.706%
66	15.244	2104	2111	2118	rBV5	306297	599435	22.96%	1.151%
67	15.314	2120	2123	2126	rVB	155866	185117	7.09%	0.355%
68	15.361	2126	2131	2133	rBV4	154964	264257	10.12%	0.507%
69	15.538	2157	2161	2163	rBV5	77107	137546	5.27%	0.264%
70	15.579	2163	2168	2173	rVV	1673900	2410986	92.35%	4.628%
71	15.632	2173	2177	2181	rVV3	125675	240243	9.20%	0.461%

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Sampling : 1 Min Area: 3 % of largest Peak
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Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
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72	15.679	2182	2185	2195	rVB6	132221	311906	11.95%	0.599%
73	15.984	2229	2237	2241	rBV	547968	1075004	41.17%	2.064%
74	16.072	2250	2252	2258	rVB2	186745	225573	8.64%	0.433%
75	16.131	2259	2262	2269	rBV2	164687	302049	11.57%	0.580%
76	16.196	2269	2273	2275	rBV2	263662	345510	13.23%	0.663%
77	16.231	2275	2279	2285	rVB	453200	644464	24.68%	1.237%
78	16.442	2310	2315	2318	rBV	1694296	2610835	100.00%	5.012%
79	16.777	2368	2372	2376	rBV2	155462	268200	10.27%	0.515%
80	16.842	2380	2383	2388	rVV3	246178	331907	12.71%	0.637%
81	16.895	2389	2392	2395	rVV	140280	164517	6.30%	0.316%
82	16.942	2397	2400	2404	rVB2	193063	234155	8.97%	0.450%
83	17.230	2445	2449	2453	rBV	1447148	1829468	70.07%	3.512%
84	17.283	2454	2458	2462	rVB	580379	776430	29.74%	1.491%
85	17.482	2488	2492	2497	rBV2	228016	417065	15.97%	0.801%
86	17.700	2526	2529	2536	rVB2	164093	240582	9.21%	0.462%
87	17.764	2537	2540	2546	rVB3	162464	262719	10.06%	0.504%
88	17.888	2557	2561	2565	rBV	187147	291174	11.15%	0.559%
89	17.970	2570	2575	2581	rVB	1398824	1682691	64.45%	3.230%
90	18.364	2638	2642	2646	rBV	247144	331075	12.68%	0.636%
91	18.411	2647	2650	2655	rVB	142201	184582	7.07%	0.354%
92	18.658	2687	2692	2697	rBV	1100874	1335331	51.15%	2.563%
93	19.280	2793	2798	2803	rBV	917347	1075565	41.20%	2.065%
94	19.850	2891	2895	2899	rVB	641502	744903	28.53%	1.430%
95	20.085	2930	2935	2939	rVB	937267	1199418	45.94%	2.303%
96	20.379	2981	2985	2989	rVB	450540	511913	19.61%	0.983%
97	20.878	3065	3070	3074	rBV	252751	297650	11.40%	0.571%
98	21.384	3152	3156	3161	rVB	129985	183619	7.03%	0.352%
99	21.754	3212	3219	3225	rBV	253882	422015	16.16%	0.810%
100	25.032	3766	3777	3789	rBV2	136581	386765	14.81%	0.742%

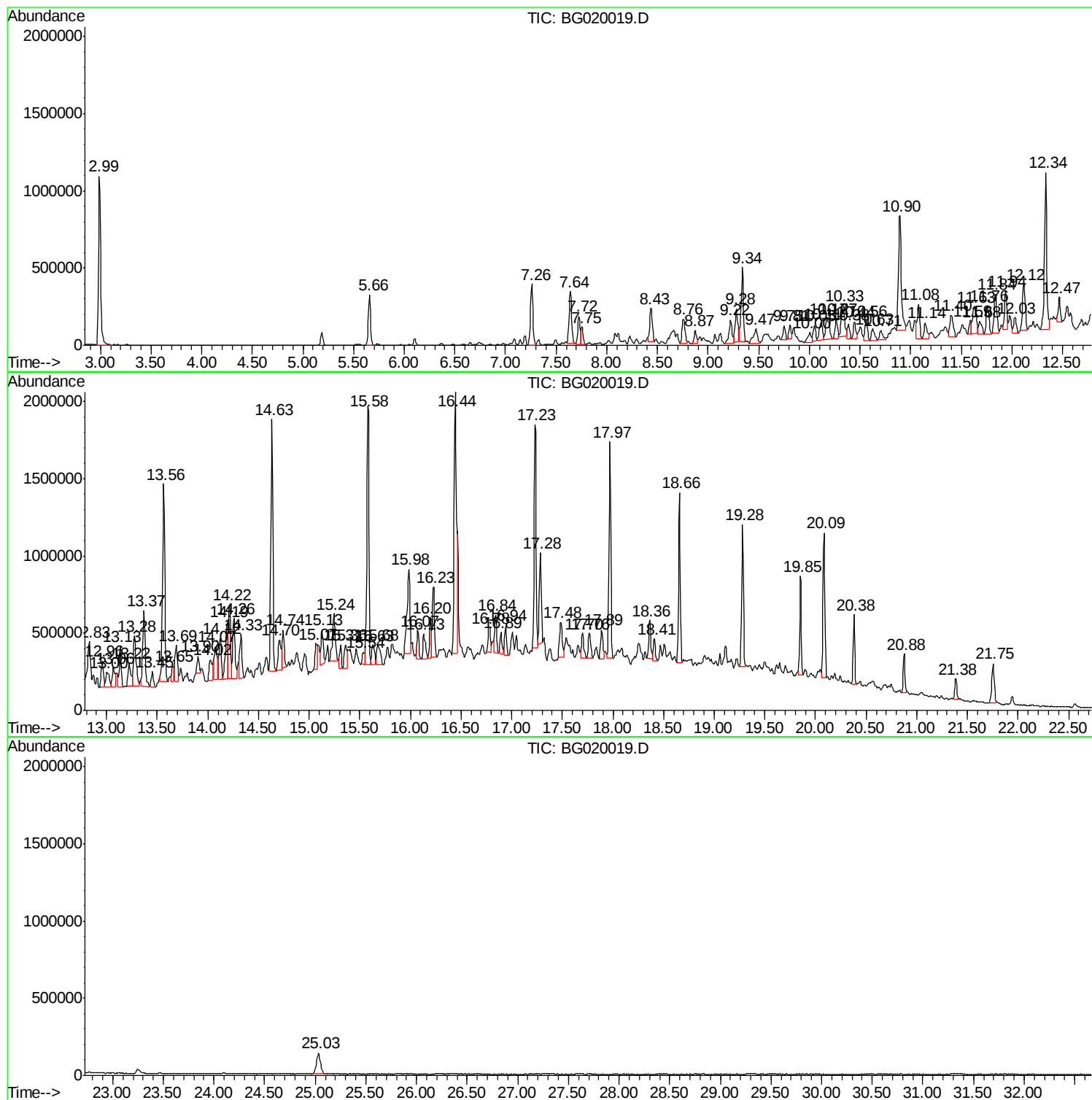
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Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG120215.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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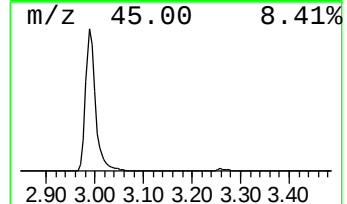
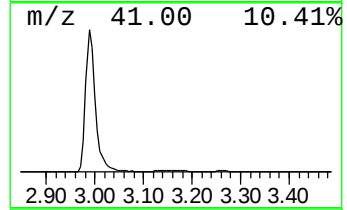
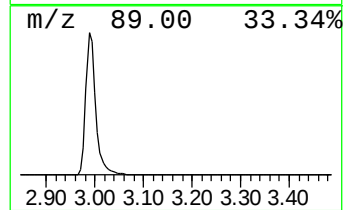
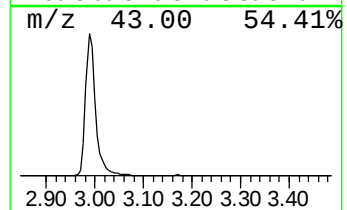
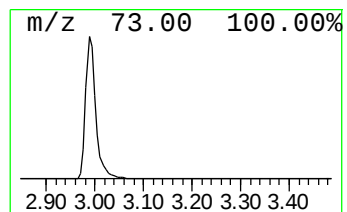
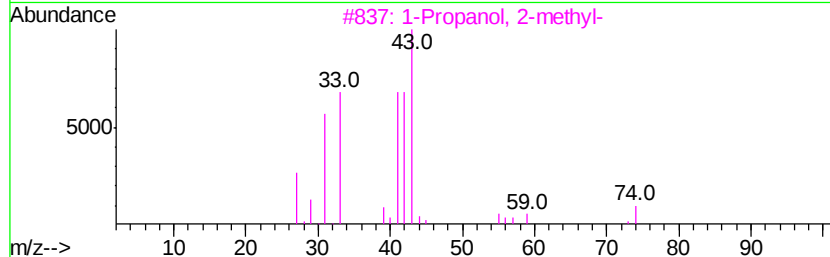
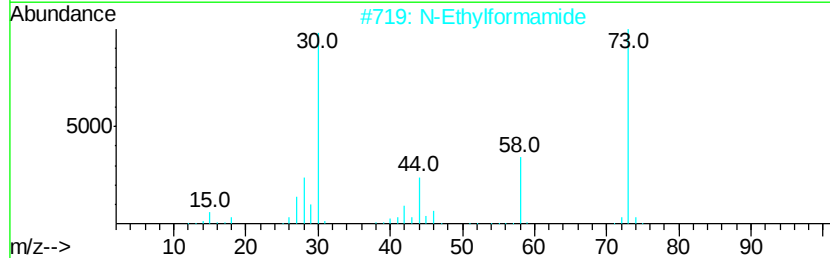
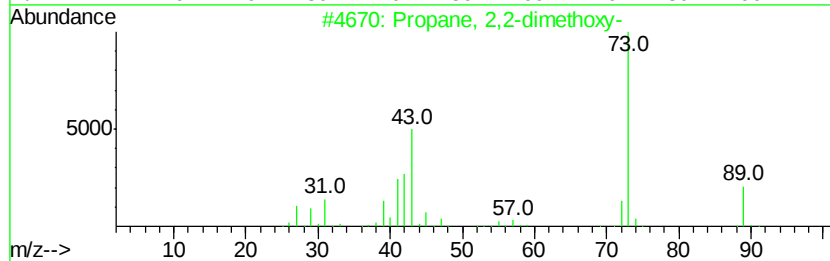
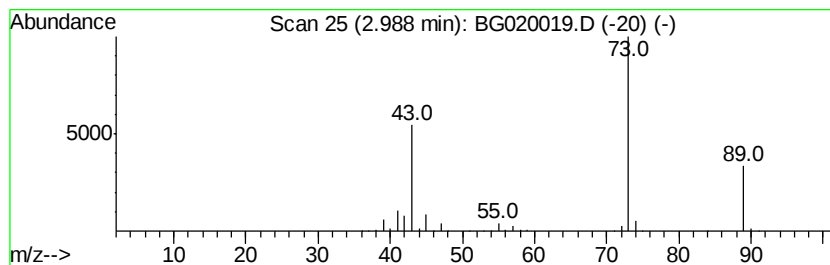
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG120215.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Propane, 2,2-dimethoxy- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.99	85.51 ng	1574670	1,4-Dichlorobenzene-d4	8.11

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Propane, 2,2-dimethoxy-	104	C5H12O2	000077-76-9	56
2		N-Ethylformamide	73	C3H7NO	000627-45-2	9
3		1-Propanol, 2-methyl-	74	C4H10O	000078-83-1	9
4		1,3-Diaminoquanidine	89	CH7N5	004364-78-7	9
5		1-Hexen-4-ol, 1-chloro-3,5-dimet...	162	C8H15ClO	100244-09-5	9



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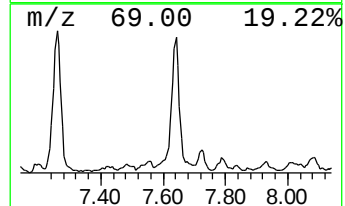
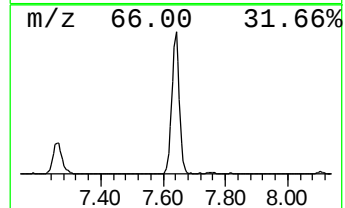
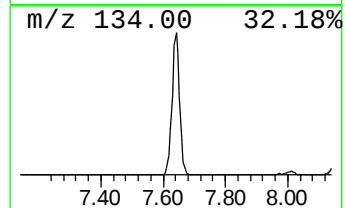
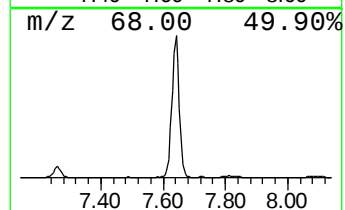
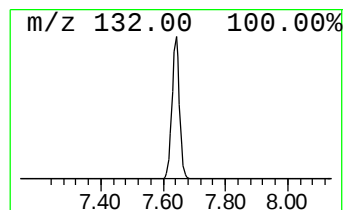
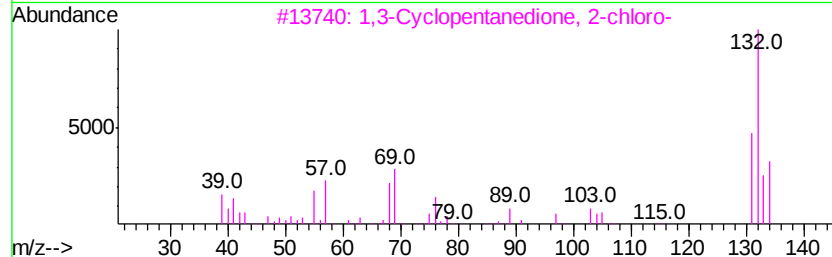
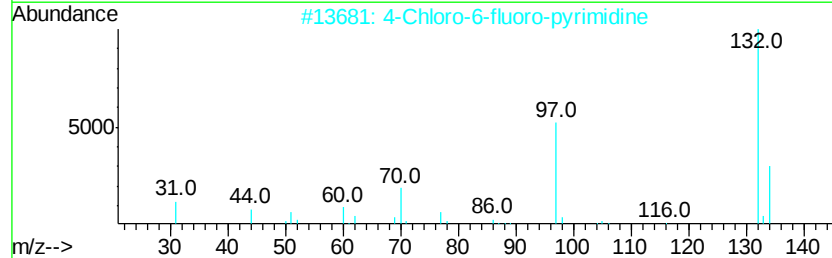
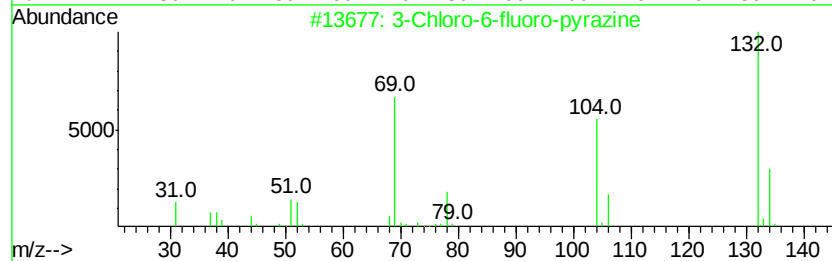
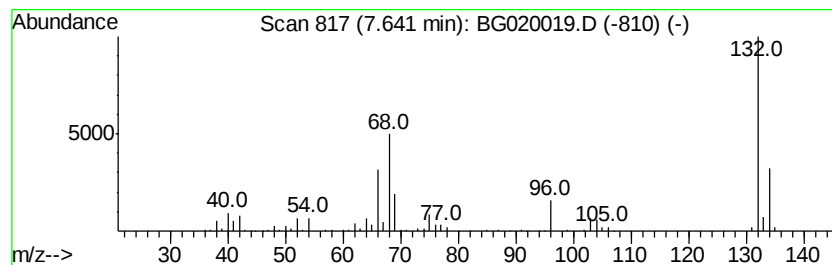
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 unknown7.64 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.64	31.49 ng	579921	1,4-Dichlorobenzene-d4	8.11

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
3		1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	25
4		1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
5		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12



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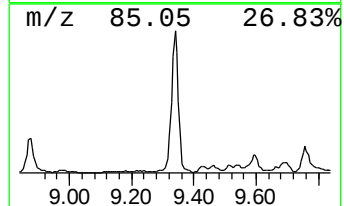
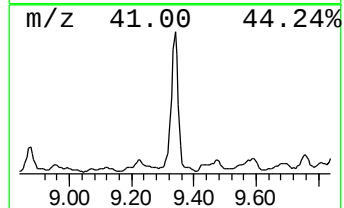
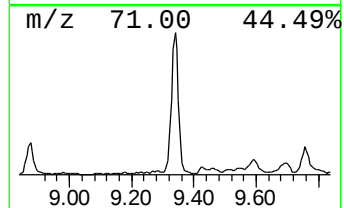
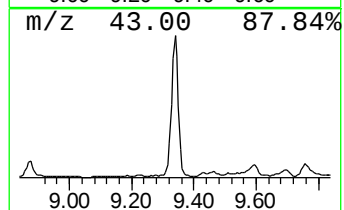
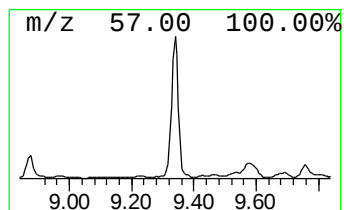
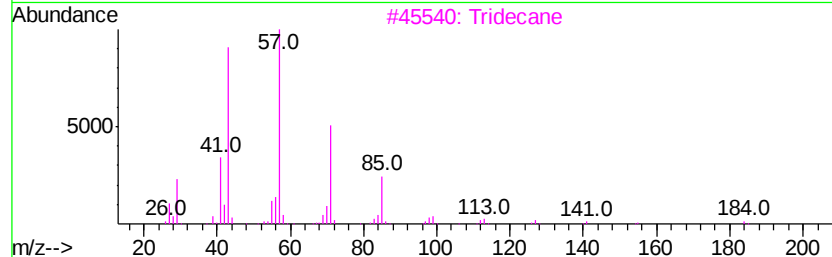
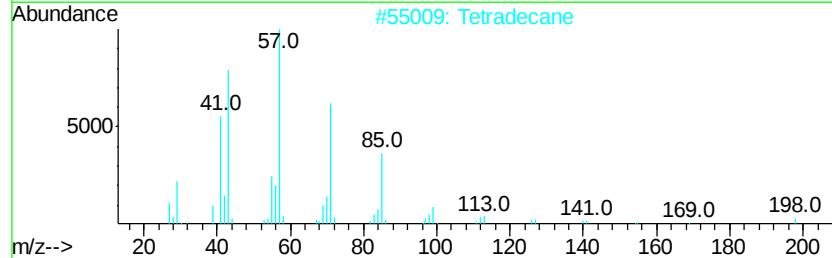
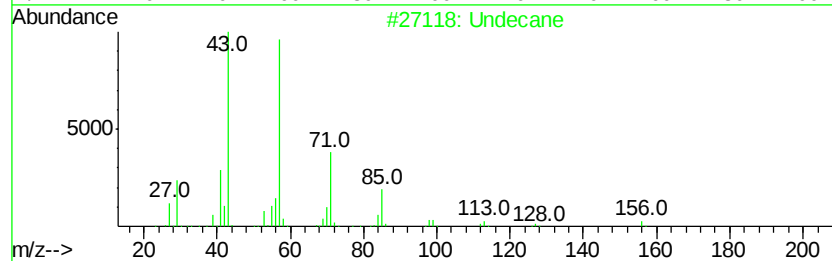
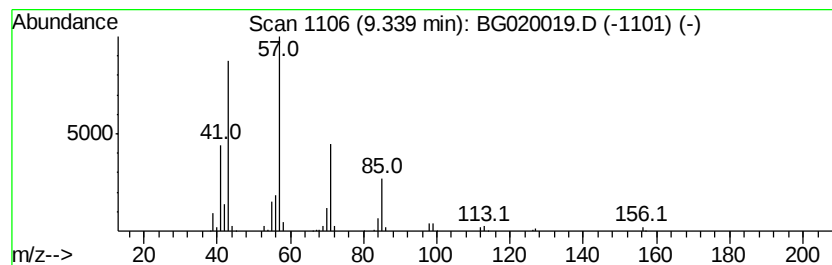
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG120215.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 Undecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.34	41.40 ng	762368	1,4-Dichlorobenzene-d4	8.11

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane		156	C11H24	001120-21-4	91
2	Tetradecane		198	C14H30	000629-59-4	90
3	Tridecane		184	C13H28	000629-50-5	86
4	Eicosane		282	C20H42	000112-95-8	83
5	Decane, 2,3,6-trimethyl-		184	C13H28	062238-12-4	83



Data Path : Z:\HPCHEM1\BNA G\DATA\BG120815\
Data File : BG020019.D
Acq On : 8 Dec 2015 15:43
Operator : UM/SJ
Sample : G4684-07
Misc :
ALS Vial : 41 Sample Multiplier: 1

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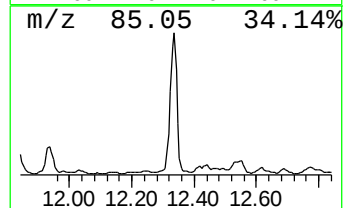
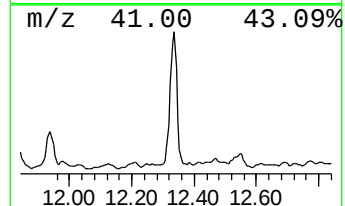
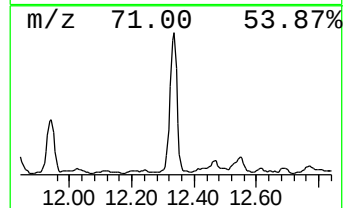
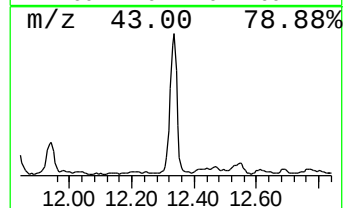
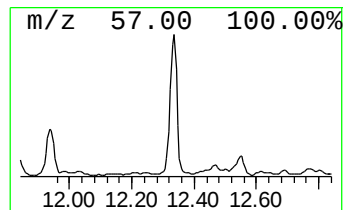
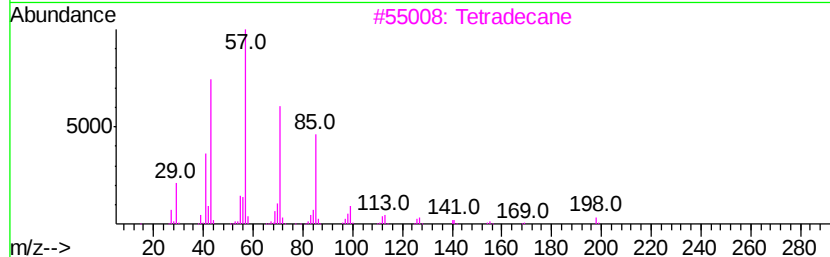
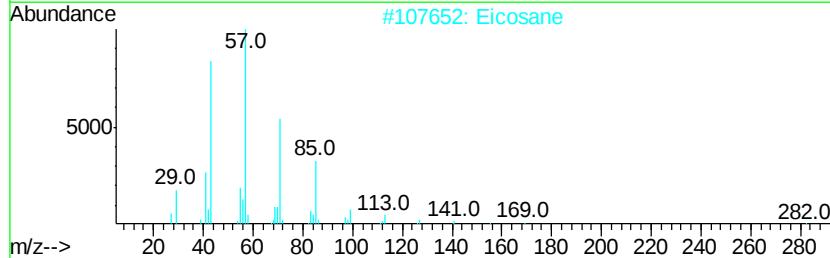
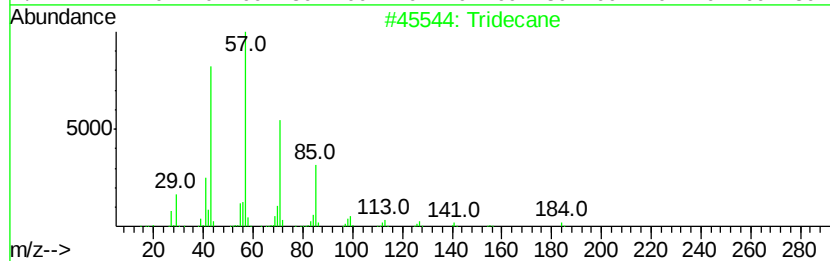
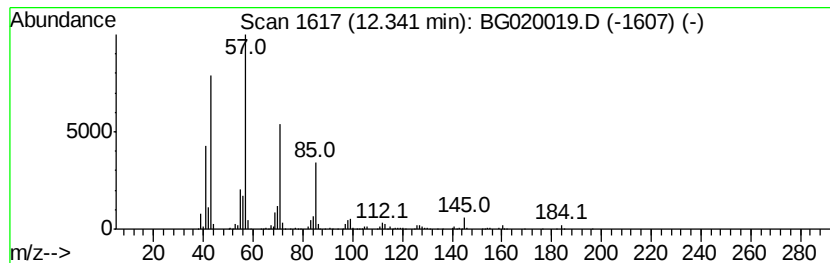
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Tridecane Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.34	23.56 ng	1679040	Naphthalene-d8	10.93

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecane	184	C13H28	000629-50-5	94
2		Eicosane	282	C20H42	000112-95-8	87
3		Tetradecane	198	C14H30	000629-59-4	86
4		Hexadecane	226	C16H34	000544-76-3	86
5		Pentadecane	212	C15H32	000629-62-9	72



Data Path : Z:\HPCHEM1\BNA G\DATA\BG120815\
Data File : BG020019.D
Acq On : 8 Dec 2015 15:43
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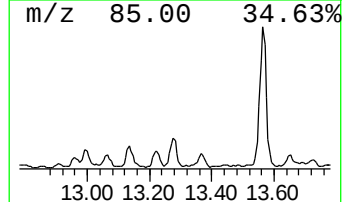
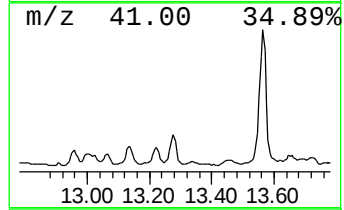
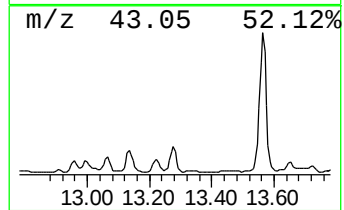
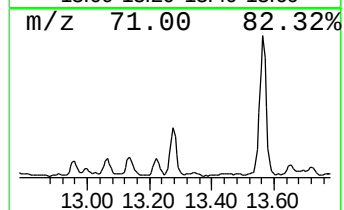
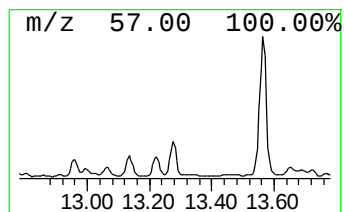
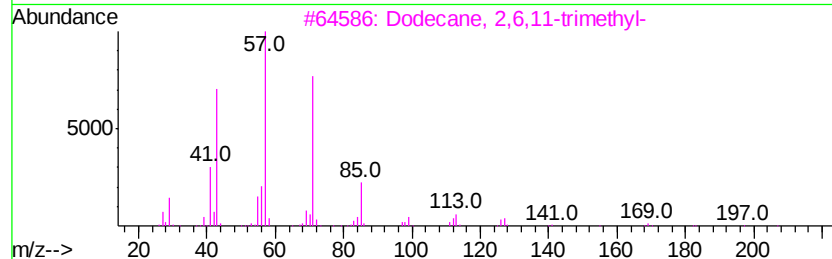
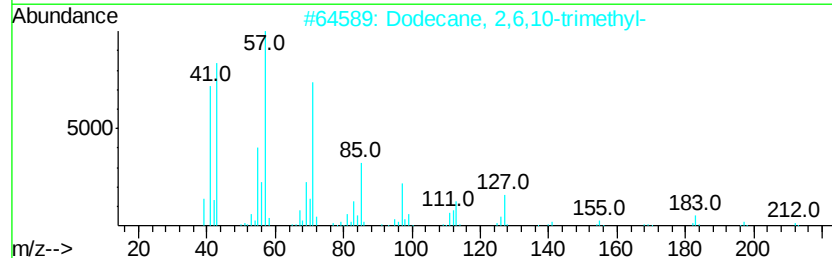
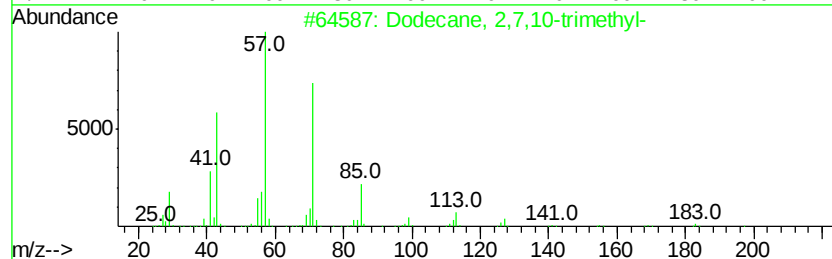
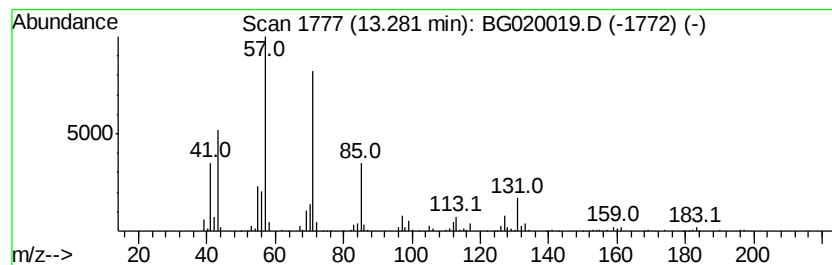
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Dodecane, 2,7,10-trimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.28	34.48 ng	599510	Acenaphthene-d10	14.74

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	91
2		Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	90
3		Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	90
4		Octane, 2-methyl-	128	C9H20	003221-61-2	83
5		Octane, 6-ethyl-2-methyl-	156	C11H24	062016-19-7	50



Data Path : Z:\HPCHEM1\BNA G\DATA\BG120815\
Data File : BG020019.D
Acq On : 8 Dec 2015 15:43
Operator : UM/SJ
Sample : G4684-07
Misc :
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ClientSampleId :
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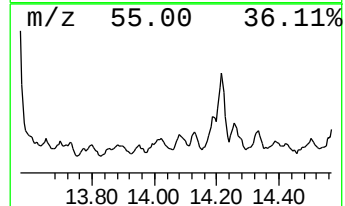
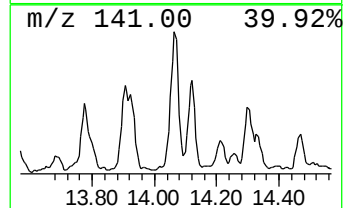
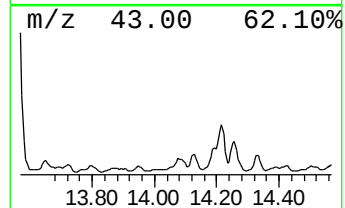
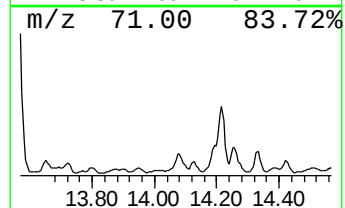
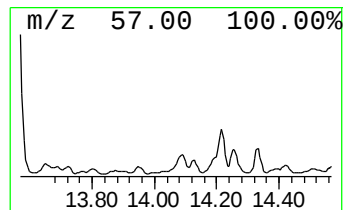
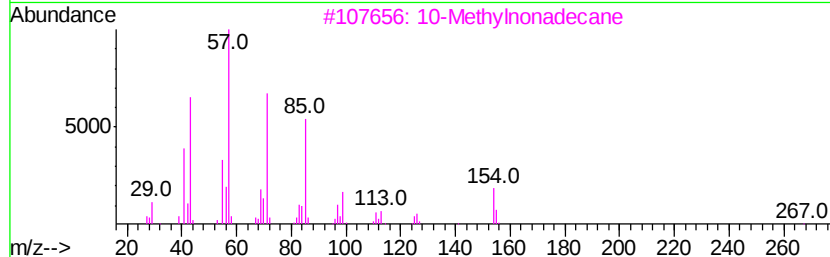
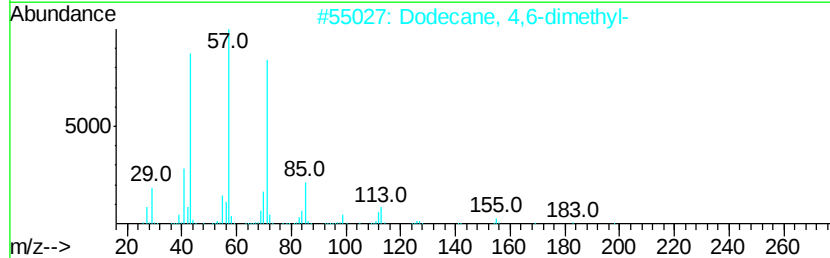
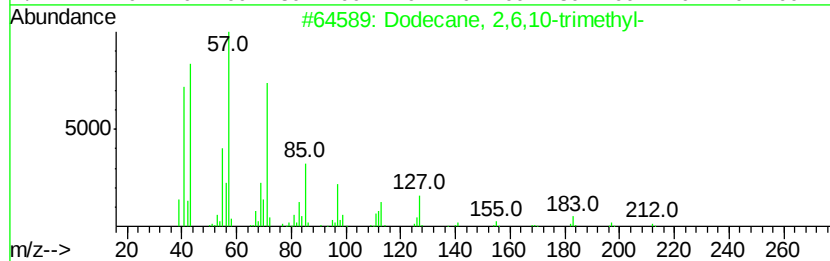
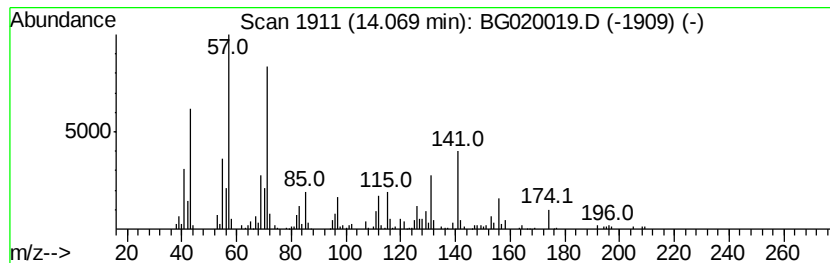
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Dodecane, 2,6,10-trimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.07	24.62 ng	428075	Acenaphthene-d10	14.74

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	64
2		Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	50
3		10-Methylnonadecane	282	C20H42	056862-62-5	50
4		Nonane, 5-propyl-	170	C12H26	000998-35-6	50
5		Octane, 2,3,6-trimethyl-	156	C11H24	062016-33-5	50



Data Path : Z:\HPCHEM1\BNA G\DATA\BG120815\
Data File : BG020019.D
Acq On : 8 Dec 2015 15:43
Operator : UM/SJ
Sample : G4684-07
Misc :
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ClientSampleId :
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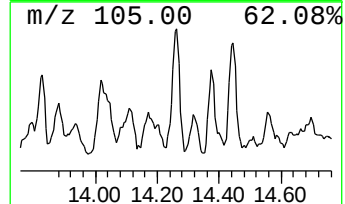
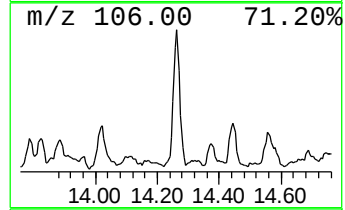
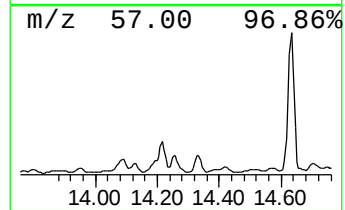
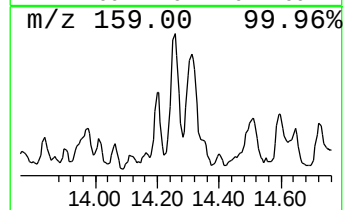
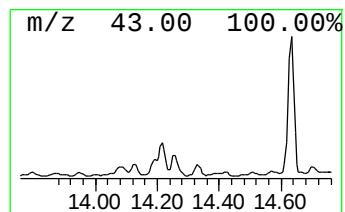
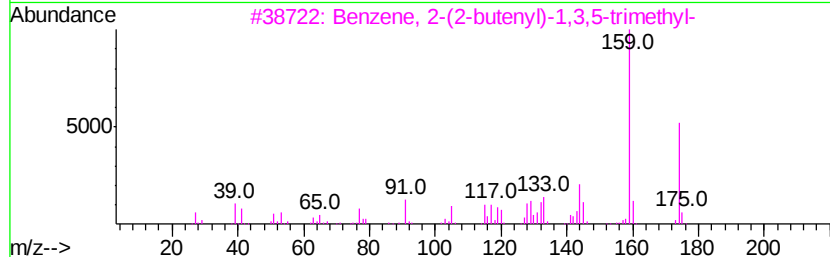
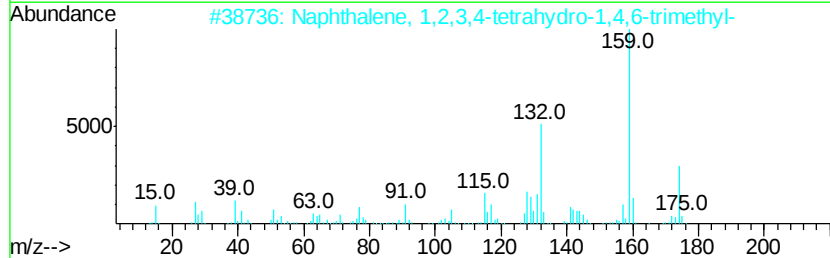
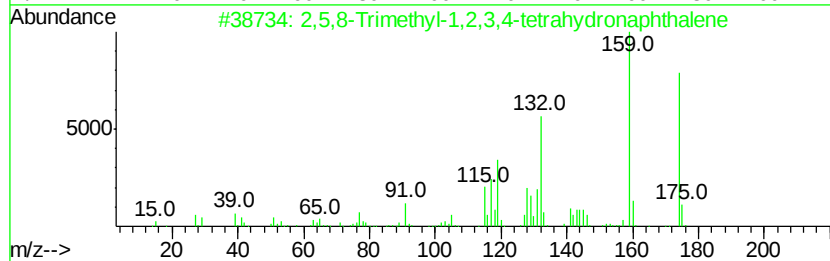
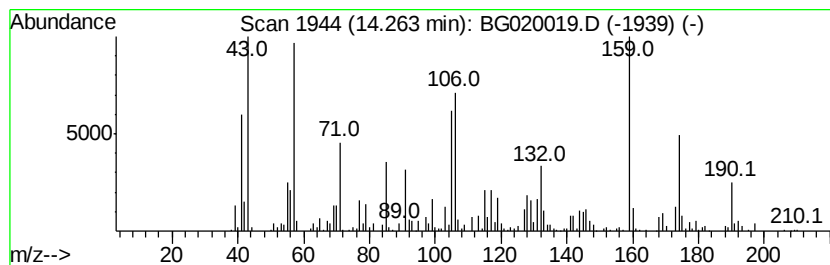
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 2,5,8-Trimethyl-1,2,3,4-tet... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.26	37.39 ng	650169	Acenaphthene-d10	14.74

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2,5,8-Trimethyl-1,2,3,4-tetrahd...	174	C13H18	068269-15-8	95
2		Naphthalene, 1,2,3,4-tetrahydro-...	174	C13H18	022824-32-4	70
3		Benzene, 2-(2-butenyl)-1,3,5-tri...	174	C13H18	063435-25-6	64
4		Naphthalene, 1,2,3,4-tetrahydro-...	174	C13H18	030316-36-0	46
5		Ethanone, 1-[4-(1-methyl-2-prope...	174	C12H14O	109586-49-4	46



Data Path : Z:\HPCHEM1\BNA G\DATA\BG120815\
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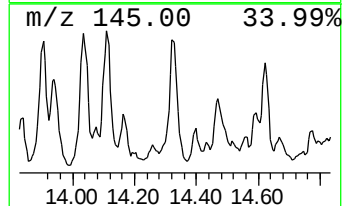
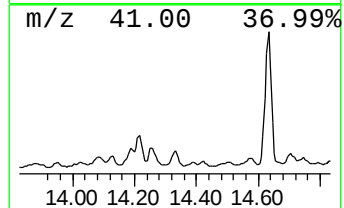
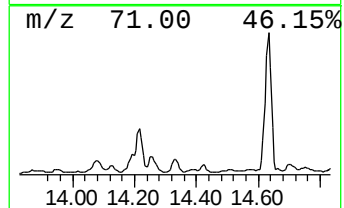
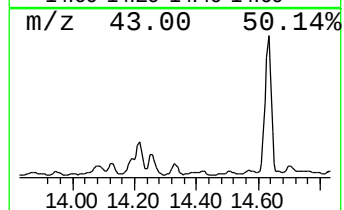
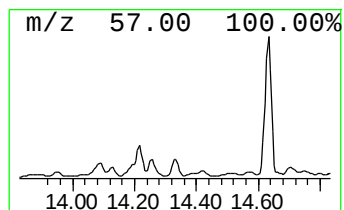
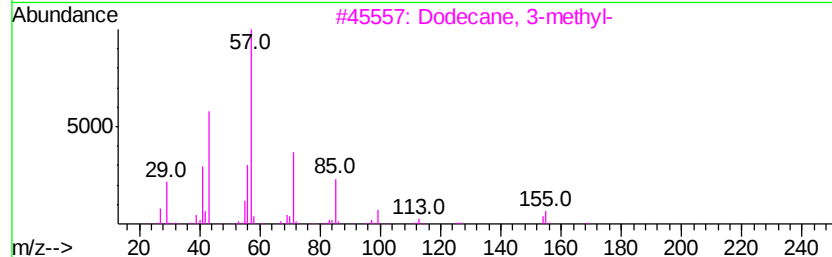
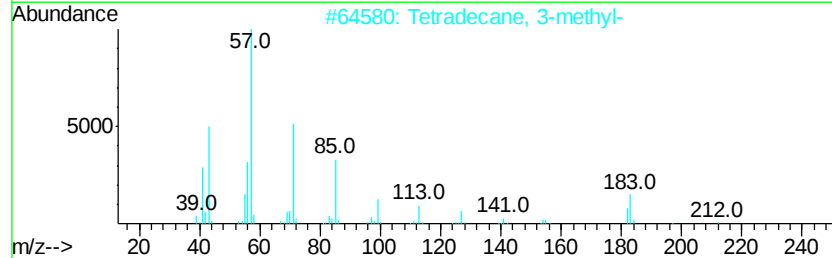
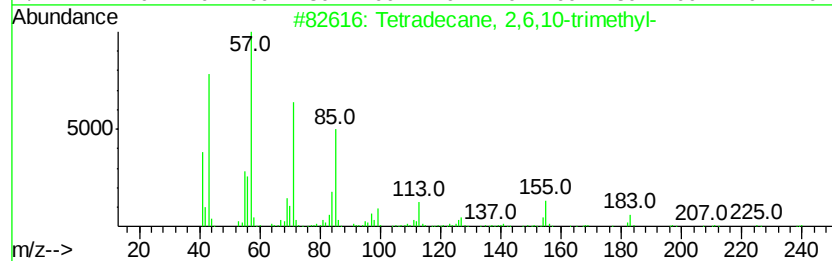
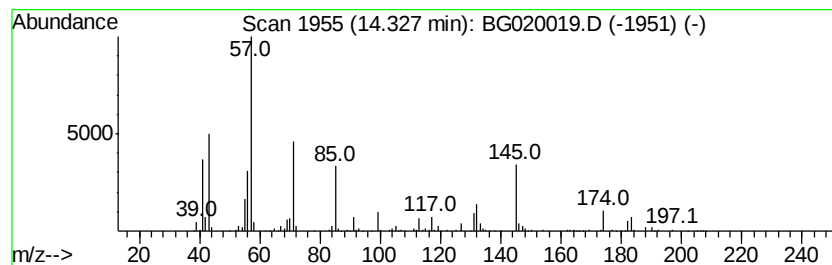
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 Tetradecane, 2,6,10-trimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.33	27.10 ng	471221	Acenaphthene-d10	14.74

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetradecane, 2,6,10-trimethyl-	240	C17H36	014905-56-7	50
2		Tetradecane, 3-methyl-	212	C15H32	018435-22-8	50
3		Dodecane, 3-methyl-	184	C13H28	017312-57-1	50
4		Tridecane, 3-methyl-	198	C14H30	006418-41-3	47
5		Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	46



Data Path : Z:\HPCHEM1\BNA G\DATA\BG120815\
Data File : BG020019.D
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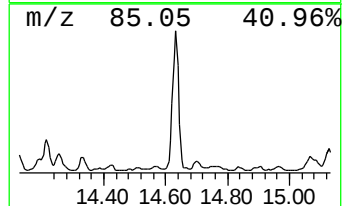
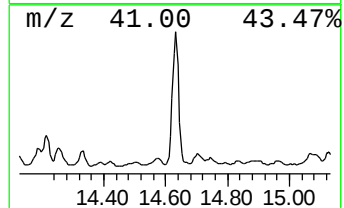
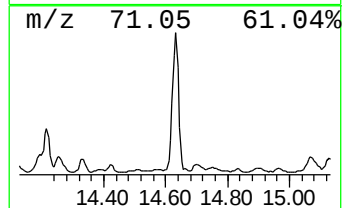
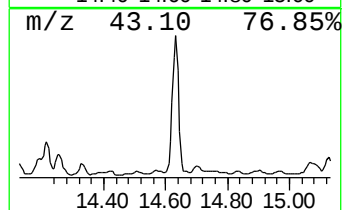
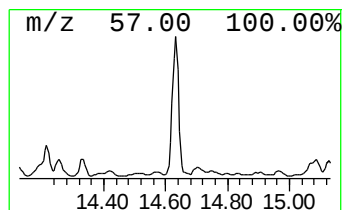
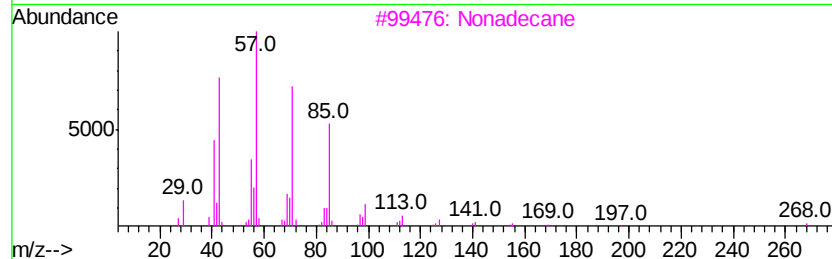
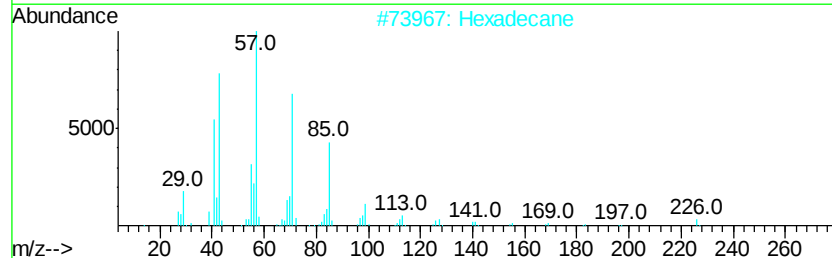
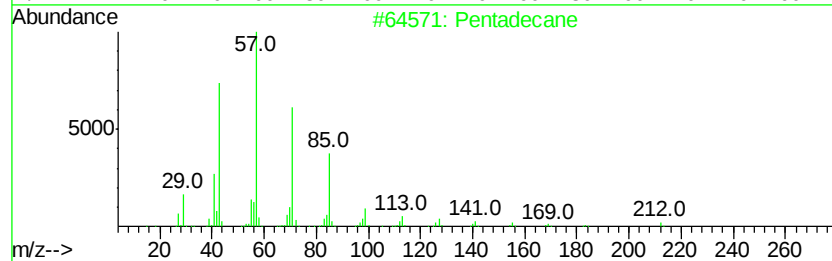
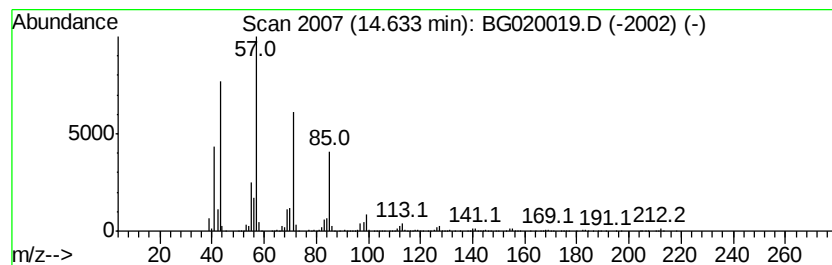
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Pentadecane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.63	126.28 ng	2195660	Acenaphthene-d10	14.74

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane		212	C15H32	000629-62-9	94
2	Hexadecane		226	C16H34	000544-76-3	91
3	Nonadecane		268	C19H40	000629-92-5	91
4	Tetradecane		198	C14H30	000629-59-4	90
5	Decane, 2,4,6-trimethyl-		184	C13H28	062108-27-4	86



Data Path : Z:\HPCHEM1\BNA G\DATA\BG120815\
Data File : BG020019.D
Acq On : 8 Dec 2015 15:43
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ALS Vial : 41 Sample Multiplier: 1

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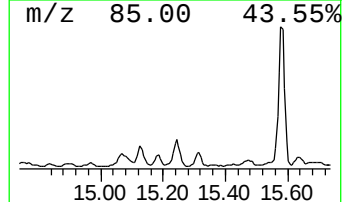
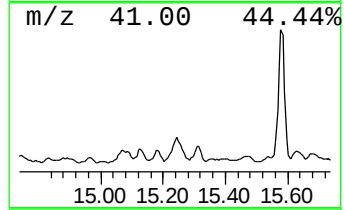
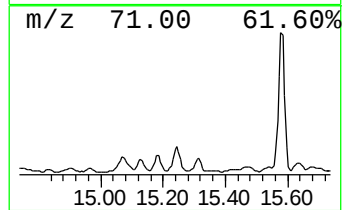
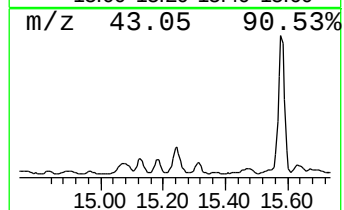
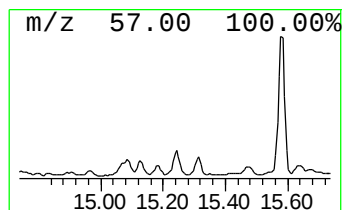
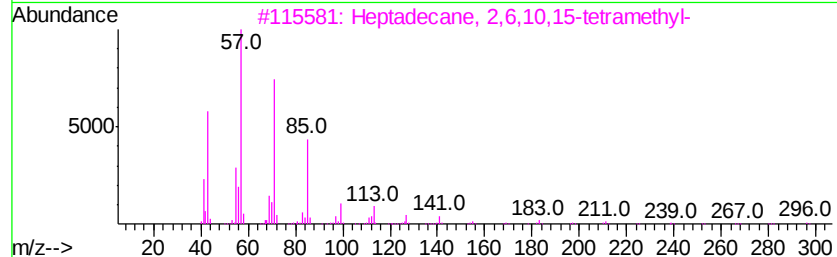
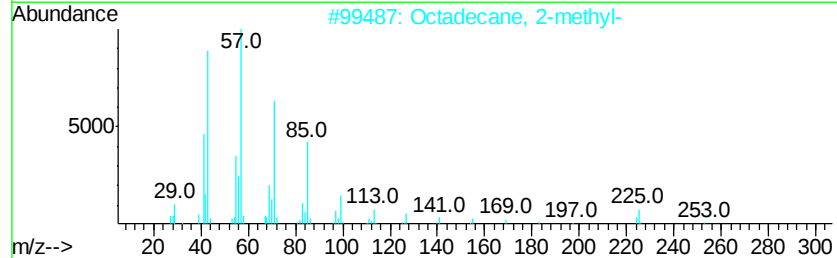
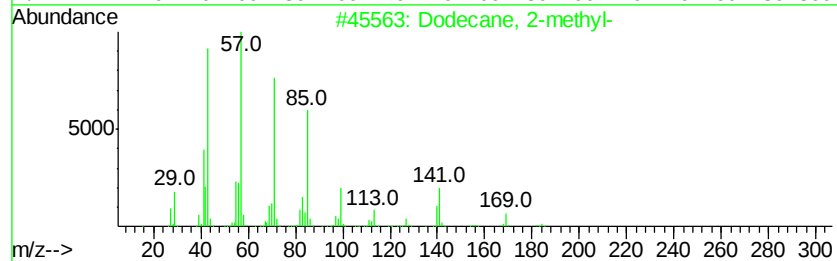
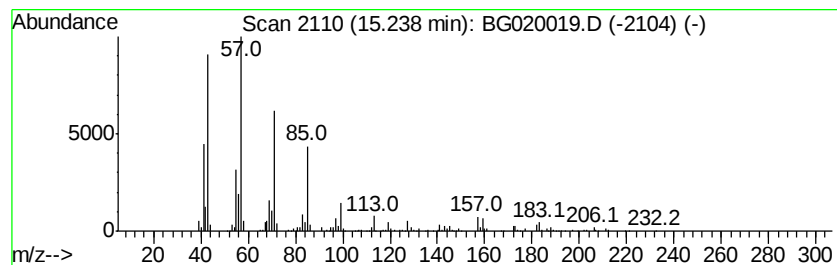
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Dodecane, 2-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.24	34.48 ng	599435	Acenaphthene-d10	14.74

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane, 2-methyl-	184	C13H28	001560-97-0	90
2		Octadecane, 2-methyl-	268	C19H40	001560-88-9	87
3		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	86
4		Pentadecane	212	C15H32	000629-62-9	83
5		Silane, trichlorooctadecyl-	386	C18H37Cl3Si	000112-04-9	80



Data Path : Z:\HPCHEM1\BNA G\DATA\BG120815\
Data File : BG020019.D
Acq On : 8 Dec 2015 15:43
Operator : UM/SJ
Sample : G4684-07
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SP1-COMP1

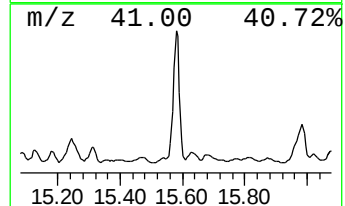
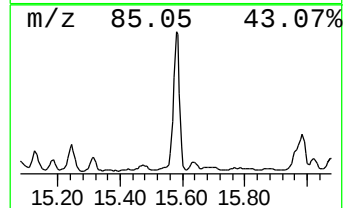
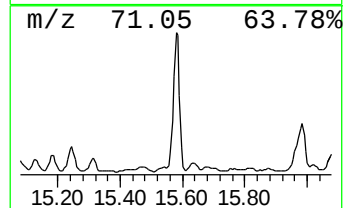
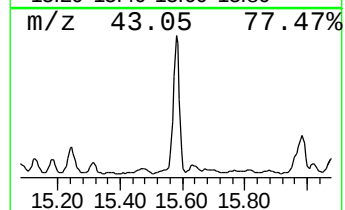
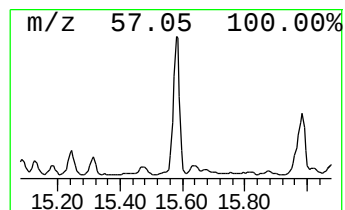
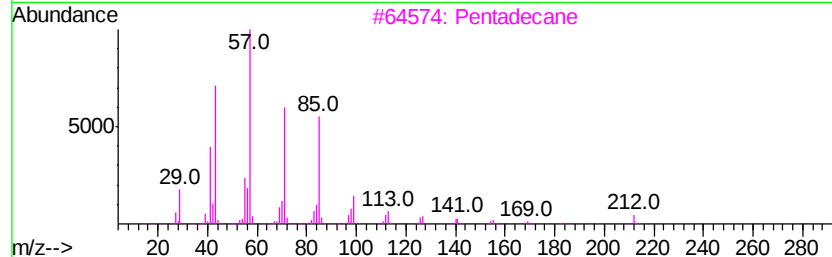
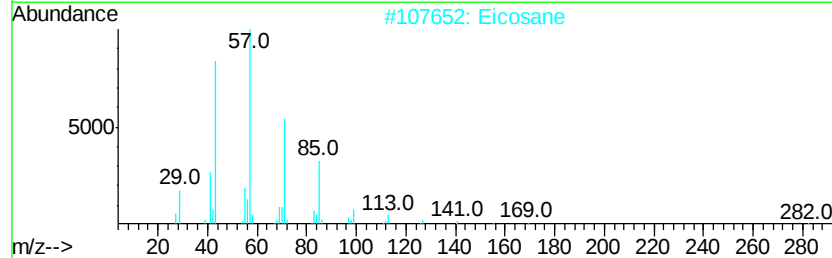
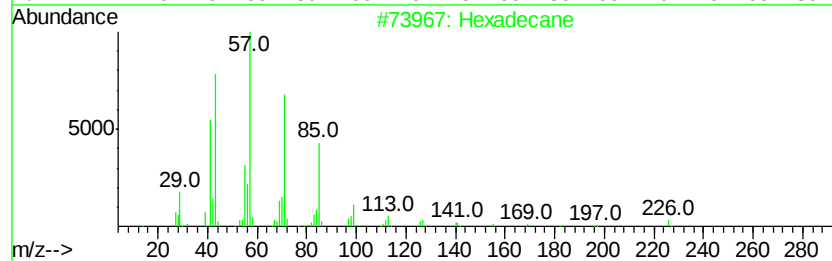
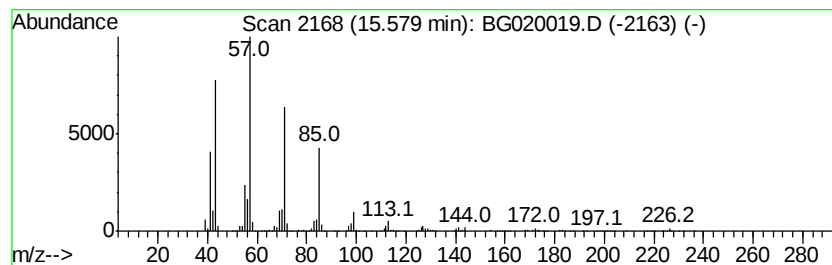
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Hexadecane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.58	138.67 ng	2410990	Acenaphthene-d10	14.74

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane	226	C16H34	000544-76-3	97
2		Eicosane	282	C20H42	000112-95-8	91
3		Pentadecane	212	C15H32	000629-62-9	90
4		Tetradecane	198	C14H30	000629-59-4	90
5		Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	80



Data Path : Z:\HPCHEM1\BNA G\DATA\BG120815\
Data File : BG020019.D
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ClientSampleId :
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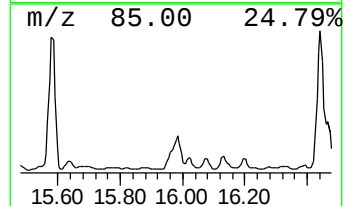
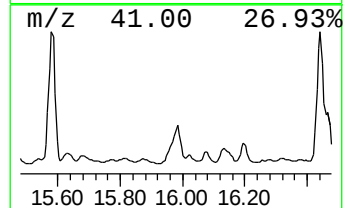
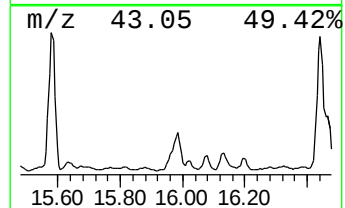
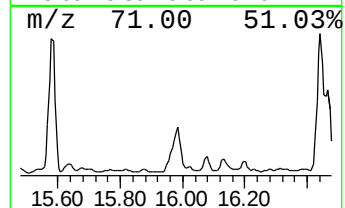
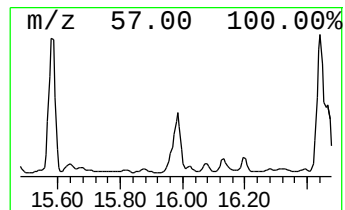
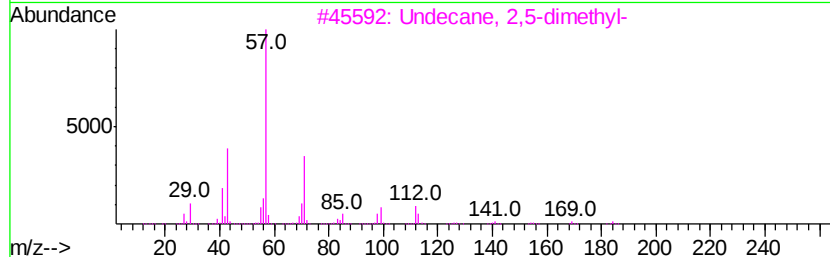
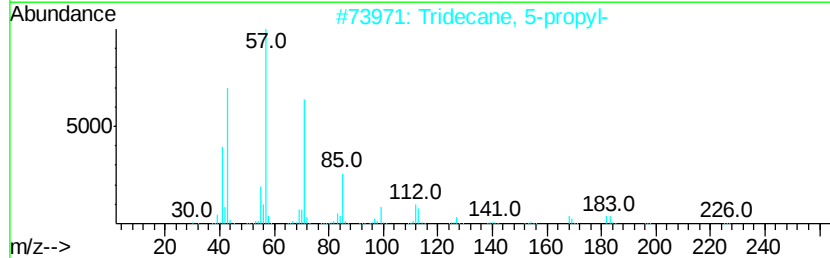
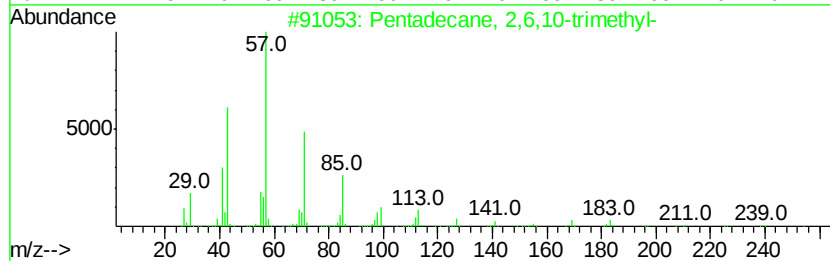
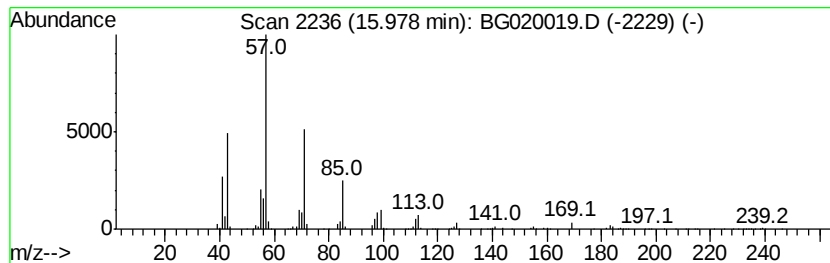
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Pentadecane, 2,6,10-trimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.98	61.83 ng	1075000	Acenaphthene-d10	14.74

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	94
2		Tridecane, 5-propyl-	226	C16H34	055045-11-9	80
3		Undecane, 2,5-dimethyl-	184	C13H28	017301-22-3	76
4		Decane, 2,6,8-trimethyl-	184	C13H28	062108-26-3	76
5		Tetratriacontane	479	C34H70	014167-59-0	64



Data Path : Z:\HPCHEM1\BNA G\DATA\BG120815\
Data File : BG020019.D
Acq On : 8 Dec 2015 15:43
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Sample : G4684-07
Misc :
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ClientSampleId :
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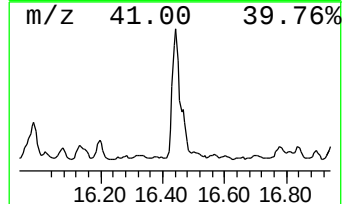
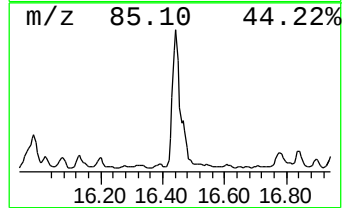
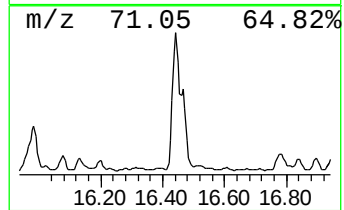
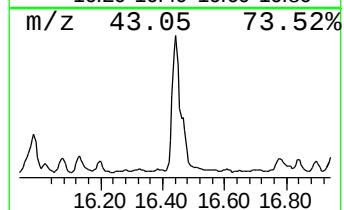
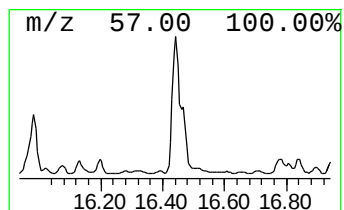
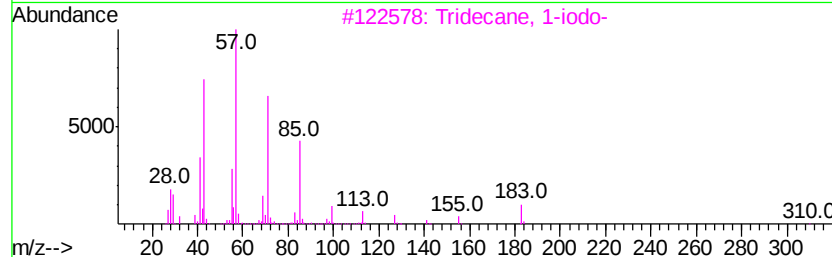
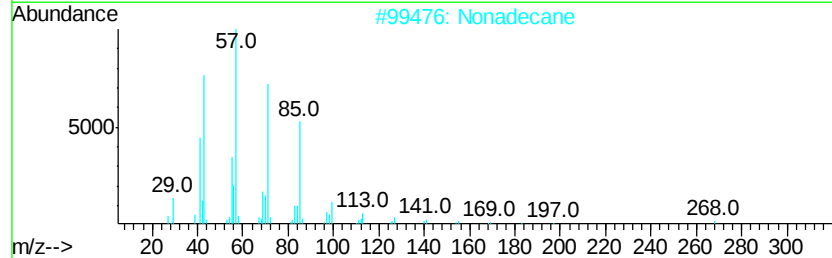
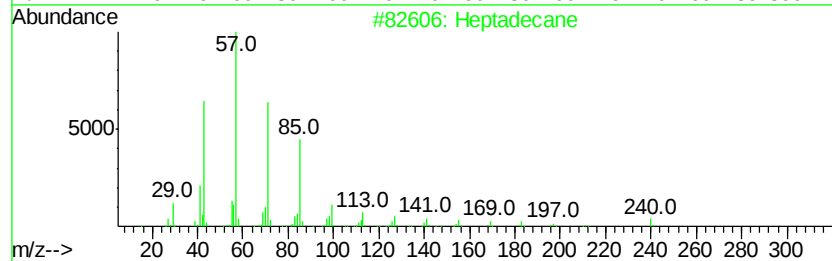
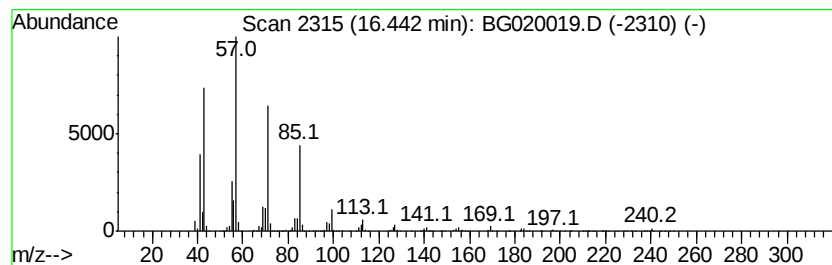
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Heptadecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.44	125.20 ng	2610840	Phenanthrene-d10	17.49

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane		240	C17H36	000629-78-7	97
2	Nonadecane		268	C19H40	000629-92-5	91
3	Tridecane, 1-iodo-		310	C13H27I	035599-77-0	91
4	Tetradecane		198	C14H30	000629-59-4	87
5	Eicosane		282	C20H42	000112-95-8	87



Data Path : Z:\HPCHEM1\BNA G\DATA\BG120815\
Data File : BG020019.D
Acq On : 8 Dec 2015 15:43
Operator : UM/SJ
Sample : G4684-07
Misc :
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Instrument :
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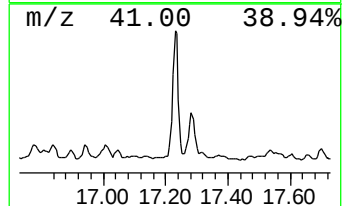
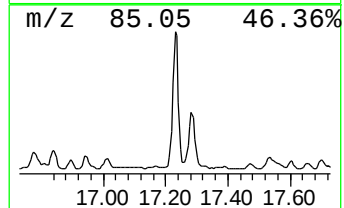
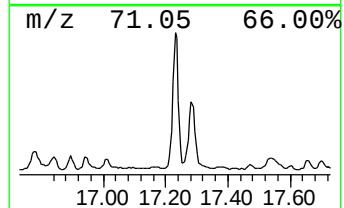
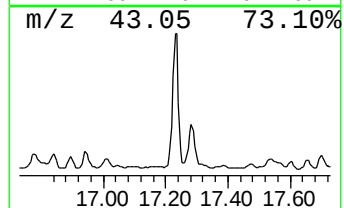
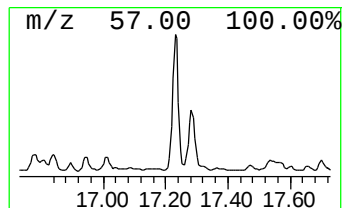
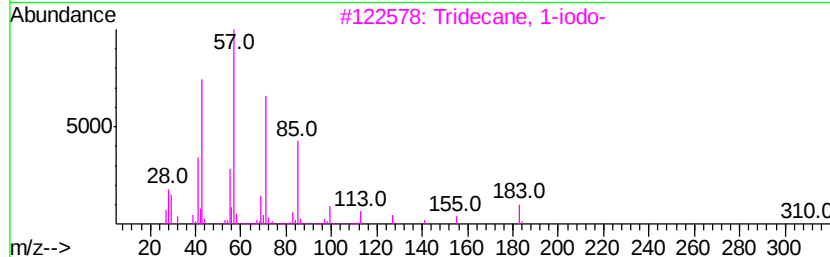
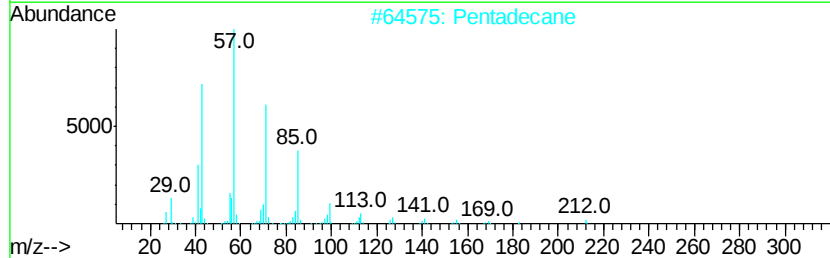
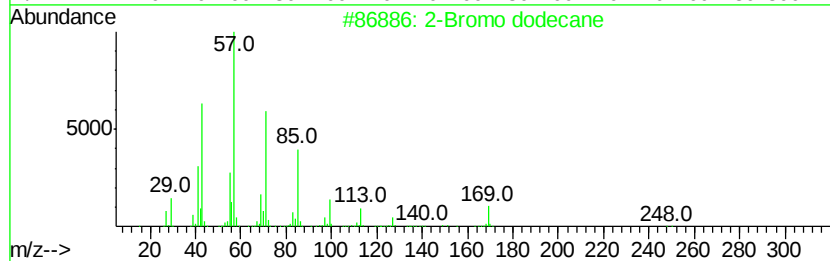
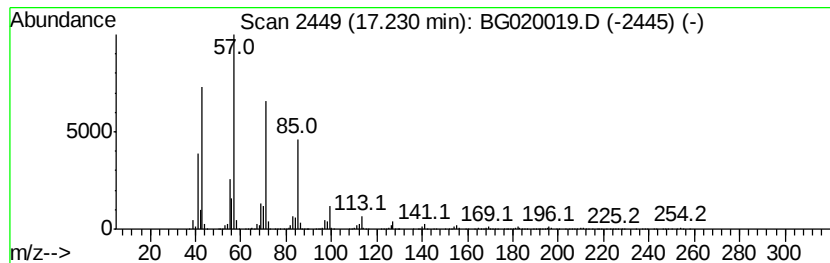
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 2-Bromo dodecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.23	87.73 ng	1829470	Phenanthrene-d10	17.49

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		2-Bromo dodecane	248	C12H25Br	013187-99-0	95
2		Pentadecane	212	C15H32	000629-62-9	94
3		Tridecane, 1-iodo-	310	C13H27I	035599-77-0	91
4		Tridecane, 7-hexyl-	268	C19H40	007225-66-3	91
5		Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	90



Data Path : Z:\HPCHEM1\BNA G\DATA\BG120815\
Data File : BG020019.D
Acq On : 8 Dec 2015 15:43
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Misc :
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Instrument :
BNA_G
ClientSampleId :
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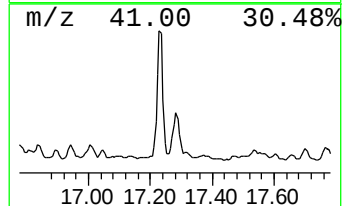
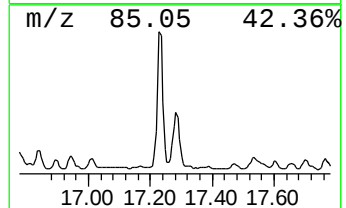
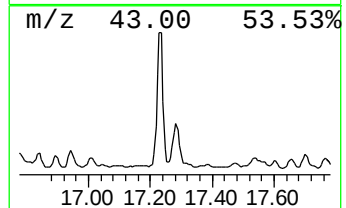
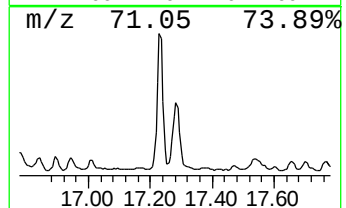
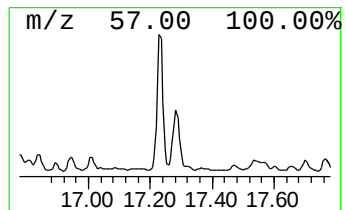
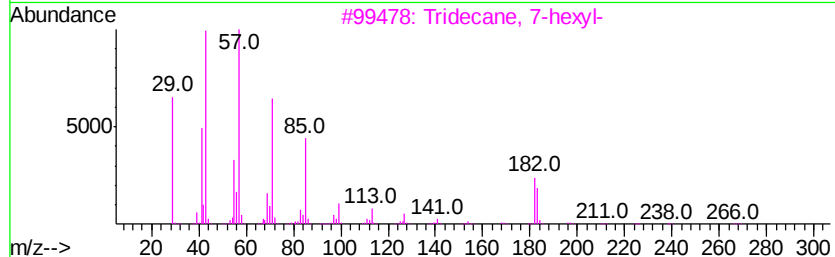
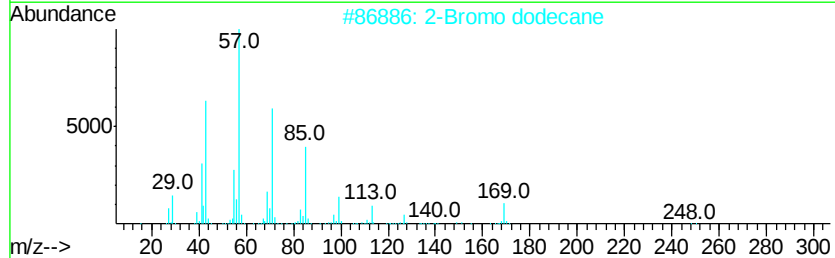
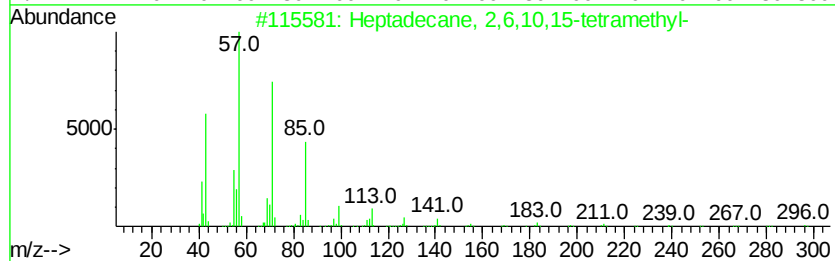
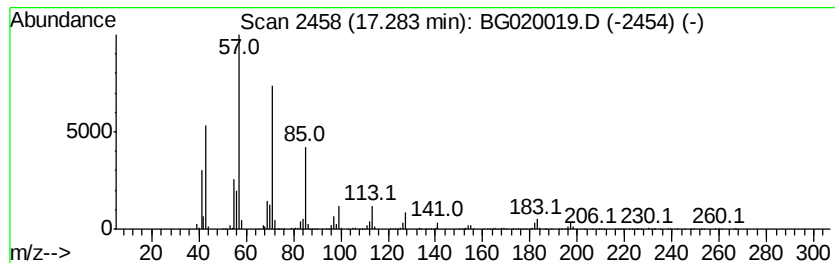
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Heptadecane, 2,6,10,15-tetr... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.28	37.23 ng	776430	Phenanthrene-d10	17.49

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	91
2		2-Bromo dodecane	248	C12H25Br	013187-99-0	90
3		Tridecane, 7-hexyl-	268	C19H40	007225-66-3	90
4		Tritetracontane	605	C43H88	007098-21-7	90
5		Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	86



Data Path : Z:\HPCHEM1\BNA G\DATA\BG120815\
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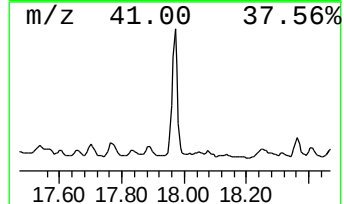
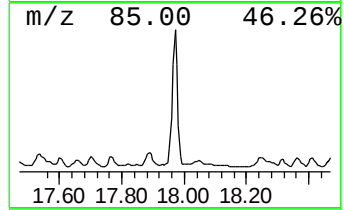
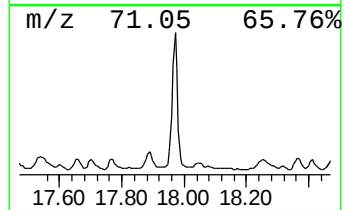
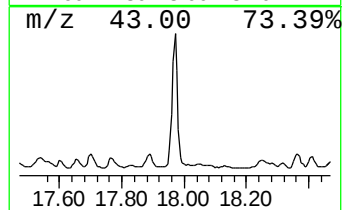
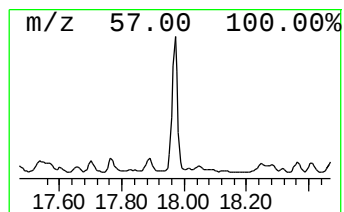
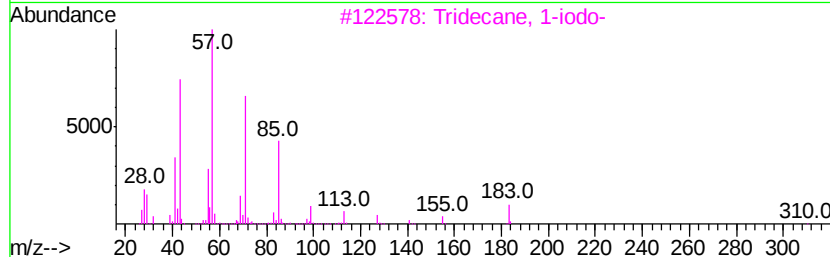
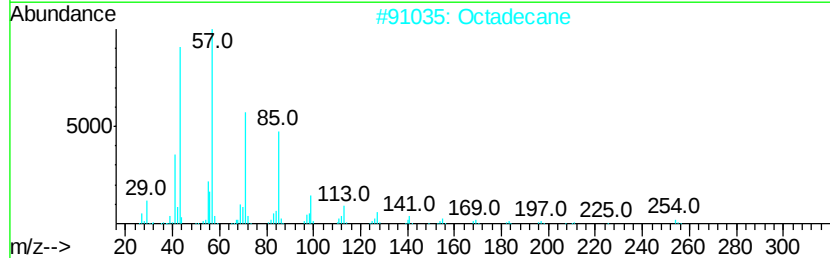
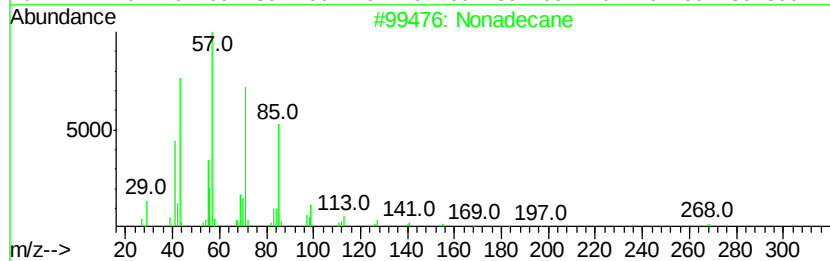
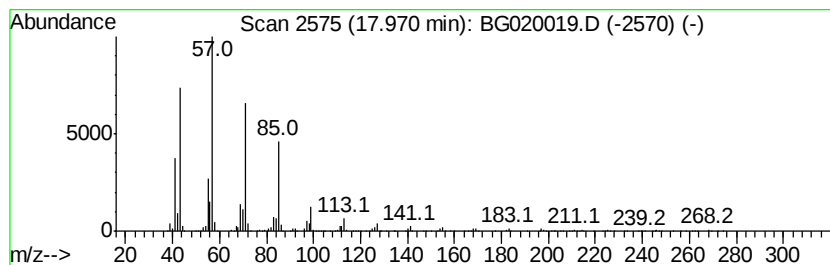
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 16 Nonadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.97	80.69 ng	1682690	Phenanthrene-d10	17.49

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonadecane	268	C19H40	000629-92-5	98
2			Octadecane	254	C18H38	000593-45-3	91
3			Tridecane, 1-iodo-	310	C13H27I	035599-77-0	91
4			Pentadecane	212	C15H32	000629-62-9	91
5			Eicosane	282	C20H42	000112-95-8	87



Data Path : Z:\HPCHEM1\BNA G\DATA\BG120815\
Data File : BG020019.D
Acq On : 8 Dec 2015 15:43
Operator : UM/SJ
Sample : G4684-07
Misc :
ALS Vial : 41 Sample Multiplier: 1

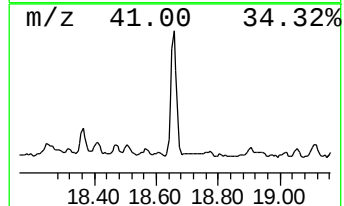
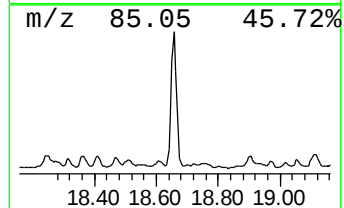
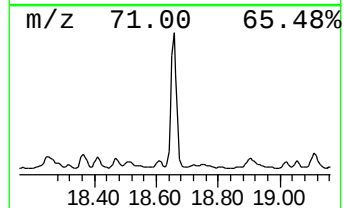
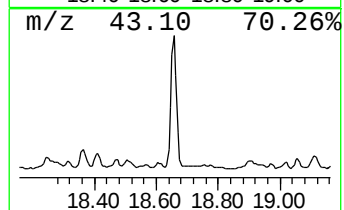
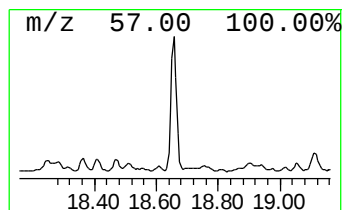
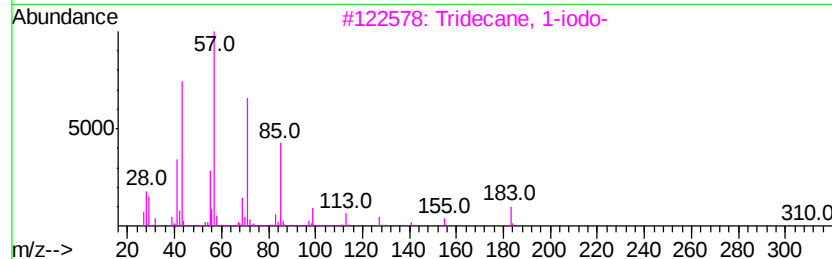
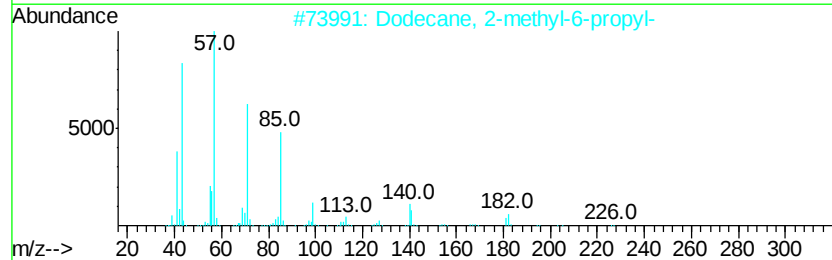
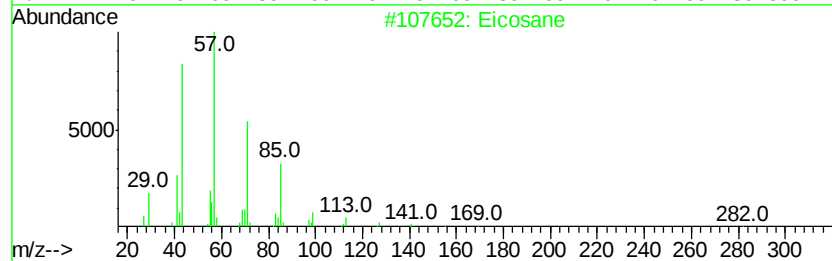
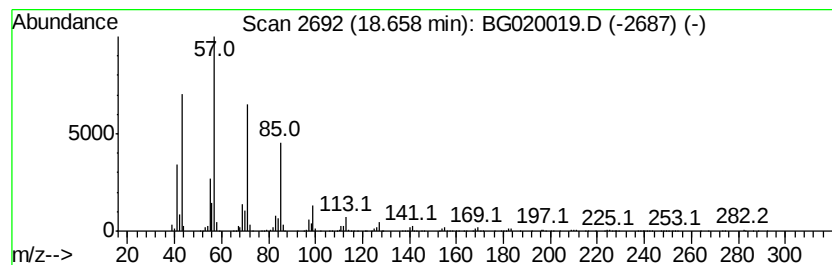
Instrument :
BNA_G
ClientSampleId :
SP1-COMP1

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 17 Eicosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD		R.T.
18.66	64.03 ng	1335330	Phenanthrene-d10		17.49
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	98
2	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	93
3	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	91
4	Octadecane	254	C18H38	000593-45-3	91
5	2-Bromo dodecane	248	C12H25Br	013187-99-0	90



Data Path : Z:\HPCHEM1\BNA G\DATA\BG120815\
Data File : BG020019.D
Acq On : 8 Dec 2015 15:43
Operator : UM/SJ
Sample : G4684-07
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SP1-COMP1

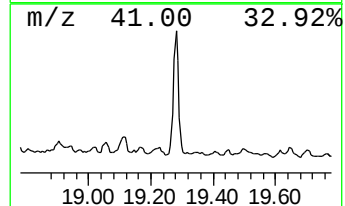
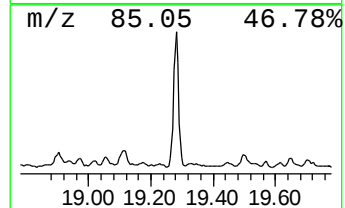
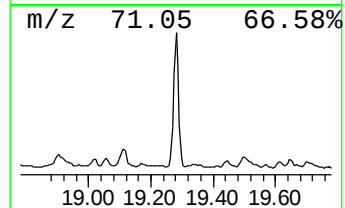
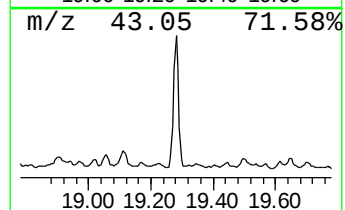
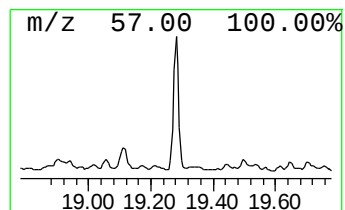
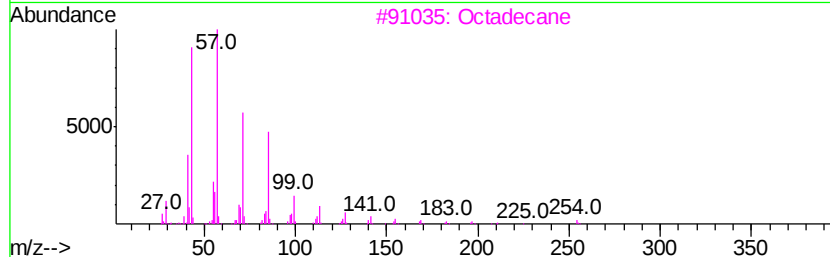
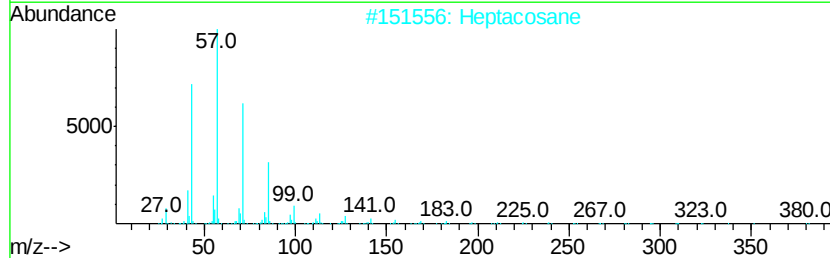
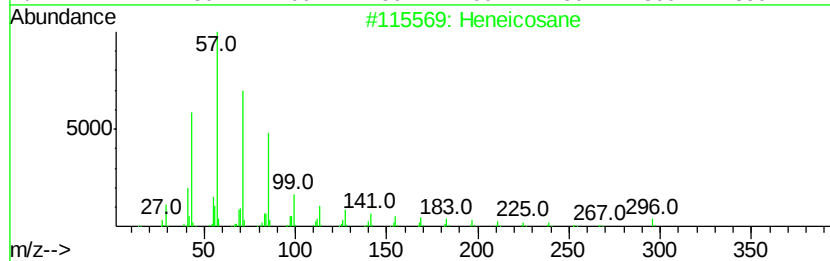
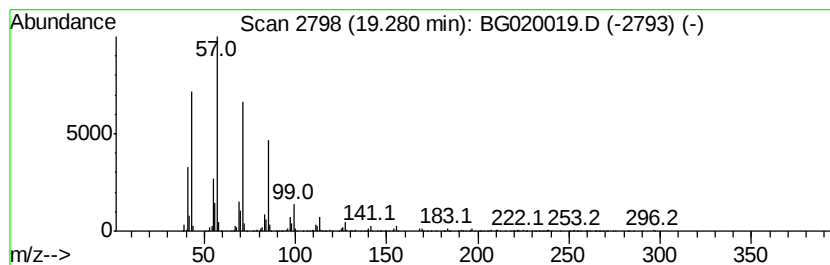
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG120215.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Heneicosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.28	51.58 ng	1075570	Phenanthrene-d10	17.49

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	95
2		Heptacosane	380	C27H56	000593-49-7	91
3		Octadecane	254	C18H38	000593-45-3	91
4		Eicosane	282	C20H42	000112-95-8	91
5		Pentadecane	212	C15H32	000629-62-9	91



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG120815\
 Data File : BG020019.D
 Acq On : 8 Dec 2015 15:43
 Operator : UM/SJ
 Sample : G4684-07
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SP1-COMP1

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
Propane, 2,2-dime...	2.99	85.5	ng	1574670	1	8.11	368322	20.0
unknown7.64	7.64	31.5	ng	579921	1	8.11	368322	20.0
Undecane	9.34	41.4	ng	762368	1	8.11	368322	20.0
Tridecane	12.34	23.6	ng	1679040	2	10.93	1425320	20.0
Dodecane, 2,7,10-...	13.28	34.5	ng	599510	3	14.74	347736	20.0
Dodecane, 2,6,10-...	14.07	24.6	ng	428075	3	14.74	347736	20.0
2,5,8-Trimethyl-1...	14.26	37.4	ng	650169	3	14.74	347736	20.0
Tetradecane, 2,6,...	14.33	27.1	ng	471221	3	14.74	347736	20.0
Pentadecane	14.63	126.3	ng	2195660	3	14.74	347736	20.0
Dodecane, 2-methyl-	15.24	34.5	ng	599435	3	14.74	347736	20.0
Hexadecane	15.58	138.7	ng	2410990	3	14.74	347736	20.0
Pentadecane, 2,6,...	15.98	61.8	ng	1075000	3	14.74	347736	20.0
Heptadecane	16.44	125.2	ng	2610840	4	17.49	417065	20.0
2-Bromo dodecane	17.23	87.7	ng	1829470	4	17.49	417065	20.0
Heptadecane, 2,6,...	17.28	37.2	ng	776430	4	17.49	417065	20.0
Nonadecane	17.97	80.7	ng	1682690	4	17.49	417065	20.0
Eicosane	18.66	64.0	ng	1335330	4	17.49	417065	20.0
Heneicosane	19.28	51.6	ng	1075570	4	17.49	417065	20.0