

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG012615\
 Data File : BG015939.D
 Acq On : 27 Jan 2015 9:44
 Operator : TP/IZ
 Sample : G1139-03
 Misc : S
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 121B2B

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	7.317	782	788	798	rVV2	4539237	10852930	19.88%	0.947%
2	7.664	842	847	854	rVB2	1884472	3215026	5.89%	0.281%
3	8.234	937	944	948	rVB3	2136777	4141302	7.59%	0.361%
4	8.328	955	960	967	rBV3	2992697	6654702	12.19%	0.581%
5	8.792	1028	1039	1043	rBV3	3412362	7134019	13.07%	0.623%
6	8.868	1044	1052	1056	rVV4	1608234	5135878	9.41%	0.448%
7	8.921	1056	1061	1069	rVB	9099018	14388195	26.36%	1.256%
8	9.039	1076	1081	1087	rVB4	2134081	4549399	8.33%	0.397%
9	9.121	1087	1095	1101	rBV4	1188217	3612116	6.62%	0.315%
10	9.315	1124	1128	1133	rVV3	1576039	3150627	5.77%	0.275%
11	9.374	1133	1138	1147	rVB2	2248491	5155156	9.44%	0.450%
12	9.832	1211	1216	1220	rBV2	3029629	4967577	9.10%	0.434%
13	9.879	1220	1224	1227	rBV2	2947450	4959401	9.08%	0.433%
14	10.014	1242	1247	1250	rBV	1911656	3130907	5.74%	0.273%
15	10.108	1260	1263	1269	rVB	1990219	3083690	5.65%	0.269%
16	10.384	1306	1310	1315	rVV5	1698731	4249248	7.78%	0.371%
17	10.466	1315	1324	1330	rVV2	16168676	30433412	55.75%	2.656%
18	10.525	1330	1334	1342	rVV4	3664224	9250650	16.95%	0.807%
19	10.596	1342	1346	1350	rVV	2951784	5070143	9.29%	0.443%
20	10.643	1350	1354	1359	rVV	4954074	7831936	14.35%	0.684%
21	10.701	1359	1364	1371	rVV2	2093362	4086248	7.49%	0.357%
22	11.142	1434	1439	1441	rBV3	2310845	3580198	6.56%	0.312%
23	11.183	1442	1446	1454	rVV5	3175505	7227737	13.24%	0.631%
24	11.248	1454	1457	1464	rVB3	2168377	3668656	6.72%	0.320%
25	11.324	1464	1470	1476	rBV3	3409170	6171720	11.31%	0.539%
26	11.401	1476	1483	1489	rVB4	5207193	9968421	18.26%	0.870%
27	11.518	1496	1503	1511	rBV3	8009857	17269587	31.64%	1.507%
28	11.589	1511	1515	1521	rVB3	2164313	4140507	7.58%	0.361%
29	11.677	1522	1530	1538	rBV3	5775475	11606141	21.26%	1.013%
30	11.771	1538	1546	1550	rBV6	1720923	4042760	7.41%	0.353%
31	11.929	1565	1573	1581	rVV	16048214	27825121	50.97%	2.429%
32	12.041	1587	1592	1597	rVB4	3162894	6674746	12.23%	0.583%
33	12.159	1602	1612	1618	rVB3	9483498	22703112	41.59%	1.982%
34	12.376	1642	1649	1652	rBV2	6497242	13550613	24.82%	1.183%

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35	12.411	1652	1655	1659	rVV2	6121898	9099557	16.67%	0.794%
36	12.552	1673	1679	1683	rBV7	3220353	5612888	10.28%	0.490%
37	12.599	1683	1687	1694	rVV4	3755701	7925347	14.52%	0.692%
38	12.664	1694	1698	1706	rVV6	3732635	8117063	14.87%	0.708%
39	12.740	1706	1711	1721	rVB3	4781598	12320659	22.57%	1.075%
40	12.828	1721	1726	1731	rBV4	4717681	9866052	18.07%	0.861%
41	12.887	1731	1736	1740	rVB2	11142696	16006849	29.32%	1.397%
42	13.122	1772	1776	1778	rBV	2364201	3307534	6.06%	0.289%
43	13.193	1781	1788	1793	rVB3	20676728	37610229	68.90%	3.283%
44	13.287	1798	1804	1809	rVB3	4583300	10099924	18.50%	0.882%
45	13.340	1809	1813	1816	rBV3	3149693	4590089	8.41%	0.401%
46	13.510	1835	1842	1844	rBV3	9215597	17128969	31.38%	1.495%
47	13.680	1864	1871	1875	rBV2	10955876	22077971	40.44%	1.927%
48	13.727	1875	1879	1884	rVB2	9238245	14459017	26.49%	1.262%
49	13.768	1884	1886	1889	rVB3	3645613	3642302	6.67%	0.318%
50	13.839	1889	1898	1901	rBV2	12692742	24891164	45.60%	2.173%
51	13.874	1901	1904	1907	rBV2	5427206	5973271	10.94%	0.521%
52	13.998	1921	1925	1930	rBV7	1870030	3560418	6.52%	0.311%
53	14.074	1935	1938	1943	rVB2	2434550	3708374	6.79%	0.324%
54	14.180	1952	1956	1963	rVB3	3633330	7712729	14.13%	0.673%
55	14.268	1963	1971	1975	rBV	28033409	46945308	86.00%	4.097%
56	14.327	1975	1981	1988	rVV7	6781983	15480340	28.36%	1.351%
57	14.562	2016	2021	2030	rVB	7207139	19306640	35.37%	1.685%
58	14.756	2050	2054	2059	rVB2	13302641	19172578	35.12%	1.673%
59	14.832	2060	2067	2071	rBV2	8482235	15520607	28.43%	1.355%
60	14.873	2071	2074	2082	rVB5	9108172	15218238	27.88%	1.328%
61	14.944	2083	2086	2088	rBV	2417318	3093046	5.67%	0.270%
62	14.973	2088	2091	2095	rVV2	6163364	9235374	16.92%	0.806%
63	15.026	2097	2100	2104	rVB	5733147	7269980	13.32%	0.635%
64	15.143	2114	2120	2123	rBV4	3421719	6310819	11.56%	0.551%
65	15.179	2123	2126	2128	rVV2	3236449	4213320	7.72%	0.368%
66	15.220	2128	2133	2137	rVB	25984282	36809704	67.43%	3.213%
67	15.308	2144	2148	2156	rVB6	4242359	9486249	17.38%	0.828%
68	15.396	2158	2163	2167	rBV3	4978633	7633787	13.98%	0.666%
69	15.443	2167	2171	2176	rBV4	4961229	8784667	16.09%	0.767%
70	15.566	2188	2192	2195	rBV4	3607553	6430944	11.78%	0.561%
71	15.619	2195	2201	2205	rVB	16905238	27937808	51.18%	2.438%

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Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

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72	15.766	2222	2226	2231	rBV4	5120623	9672895	17.72%	0.844%
73	15.825	2231	2236	2246	rVB6	7217707	17217117	31.54%	1.503%
74	15.913	2247	2251	2255	rBV2	3388819	5617840	10.29%	0.490%
75	16.083	2273	2280	2282	rBV	30614488	54589805	100.00%	4.765%
76	16.107	2282	2284	2294	rVB	26694566	30383364	55.66%	2.652%
77	16.407	2332	2335	2338	rVB4	4578078	5223280	9.57%	0.456%
78	16.465	2342	2345	2349	rVB3	7737772	10153482	18.60%	0.886%
79	16.612	2366	2370	2372	rBV3	2571433	4018924	7.36%	0.351%
80	16.871	2408	2414	2417	rVV	23123707	32016932	58.65%	2.794%
81	16.918	2417	2422	2431	rVB2	18208901	31302001	57.34%	2.732%
82	17.100	2449	2453	2456	rBV	3161946	4527730	8.29%	0.395%
83	17.141	2456	2460	2463	rBV	4507659	6891337	12.62%	0.601%
84	17.288	2482	2485	2489	rBV4	2553909	4845154	8.88%	0.423%
85	17.511	2519	2523	2533	rBV5	5552730	11645097	21.33%	1.016%
86	17.599	2533	2538	2543	rVB	21583597	29813302	54.61%	2.602%
87	17.869	2581	2584	2588	rBV5	2164314	3452178	6.32%	0.301%
88	17.975	2598	2602	2606	rBV	5119709	8600863	15.76%	0.751%
89	18.022	2607	2610	2616	rVB2	8122123	12694668	23.25%	1.108%
90	18.157	2631	2633	2639	rVB3	2936950	3360865	6.16%	0.293%
91	18.293	2651	2656	2660	rBV	16678932	21528030	39.44%	1.879%
92	18.921	2754	2763	2767	rBV2	13137060	24898020	45.61%	2.173%
93	19.086	2788	2791	2797	rVB5	1914354	3082852	5.65%	0.269%
94	19.497	2857	2861	2865	rBV2	9298218	10770382	19.73%	0.940%
95	19.538	2865	2868	2873	rVB	2606921	3989965	7.31%	0.348%
96	19.597	2874	2878	2883	rVB	3034921	4452487	8.16%	0.389%
97	19.720	2895	2899	2903	rVB	6180840	7622497	13.96%	0.665%
98	20.026	2948	2951	2956	rVB	5104370	6321280	11.58%	0.552%
99	20.519	3031	3035	3045	rVB	2768644	3771339	6.91%	0.329%
100	21.271	3158	3163	3174	rVB	2114175	3228778	5.91%	0.282%

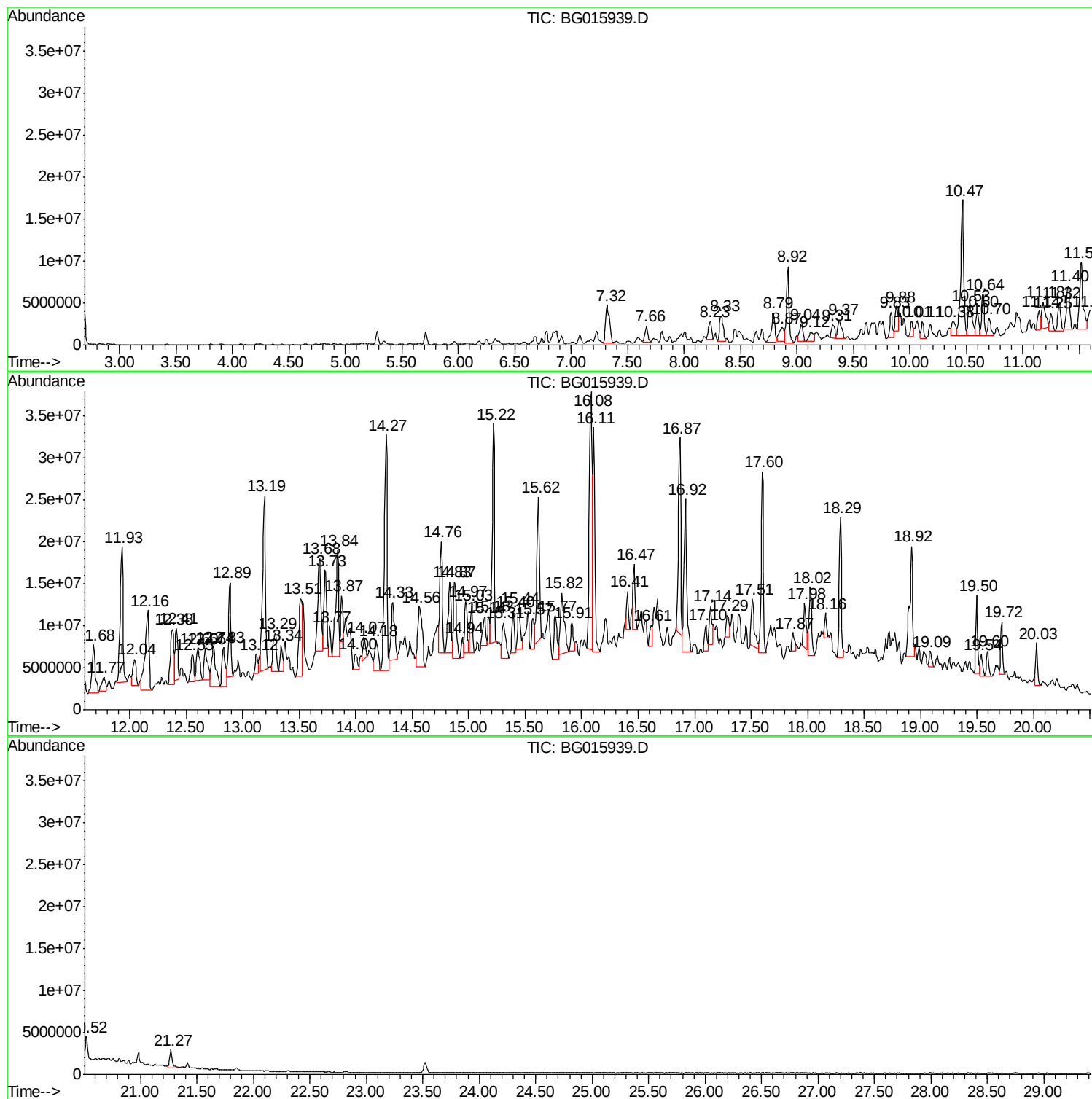
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Misc : S
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampled :
121B2B

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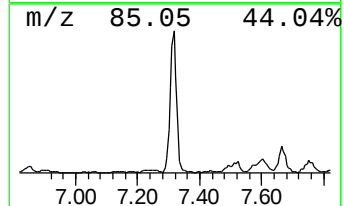
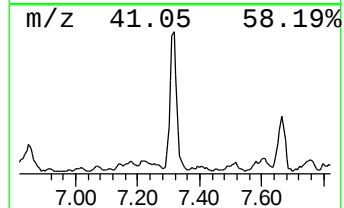
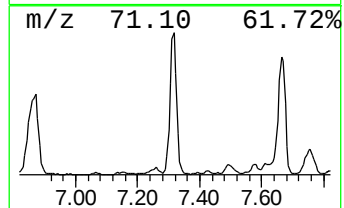
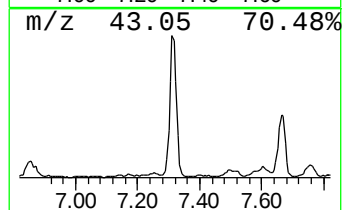
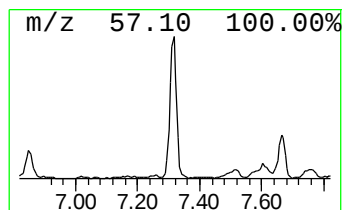
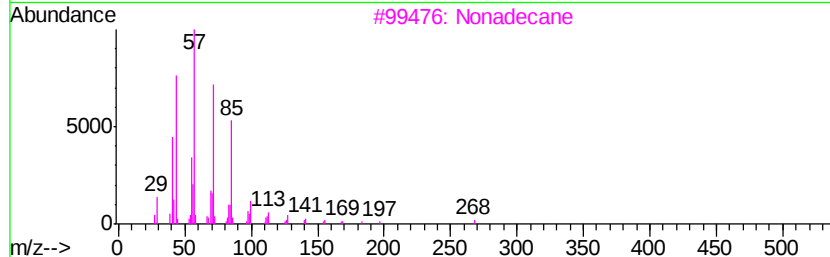
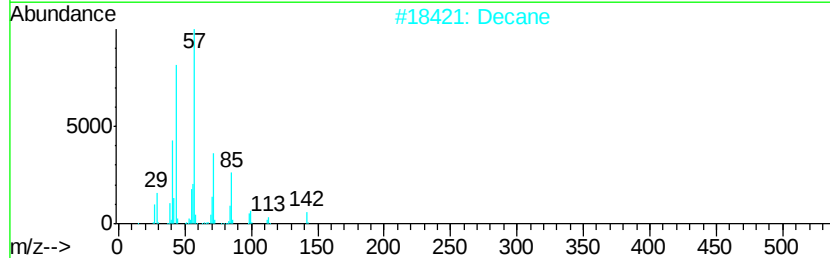
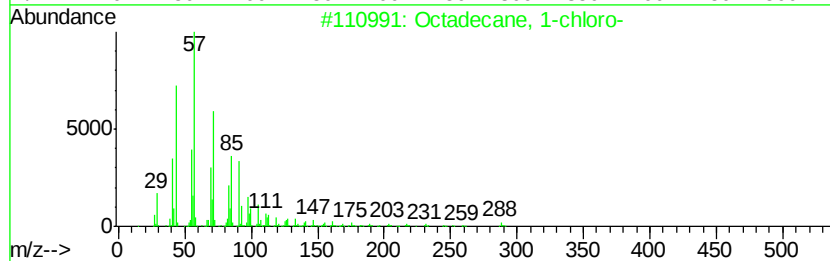
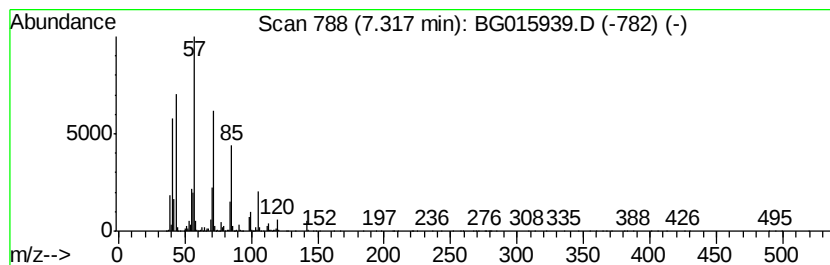
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG012015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Octadecane, 1-chloro- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.32	67.51 ng	10852900	1,4-Dichlorobenzene-d4	7.69

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecane, 1-chloro-	288	C18H37Cl	003386-33-2	64
2		Decane	142	C10H22	000124-18-5	60
3		Nonadecane	268	C19H40	000629-92-5	59
4		Undecane, 2,4-dimethyl-	184	C13H28	017312-80-0	50
5		Pentadecane	212	C15H32	000629-62-9	50



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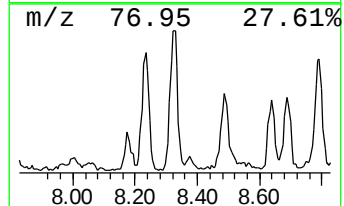
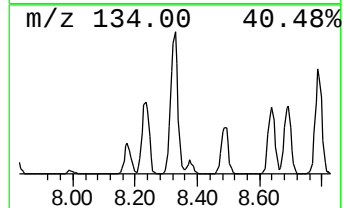
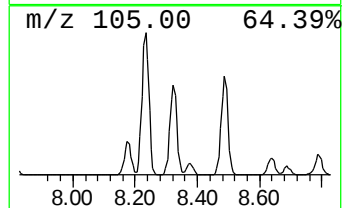
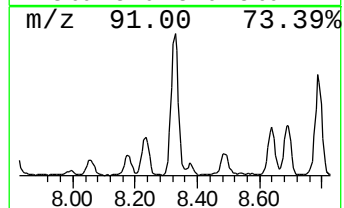
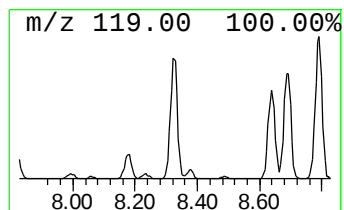
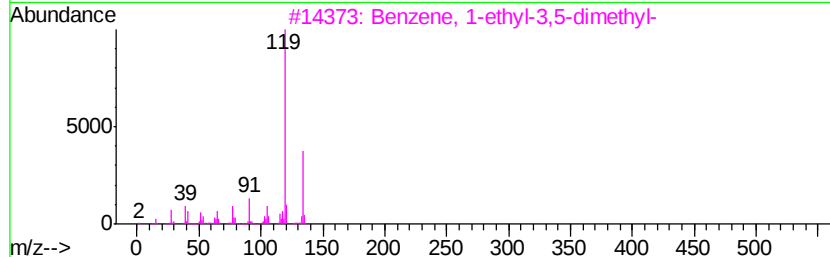
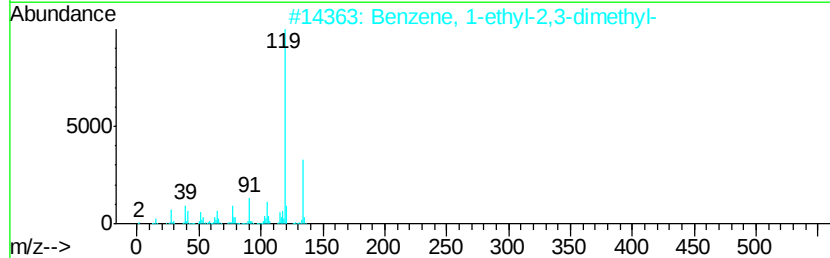
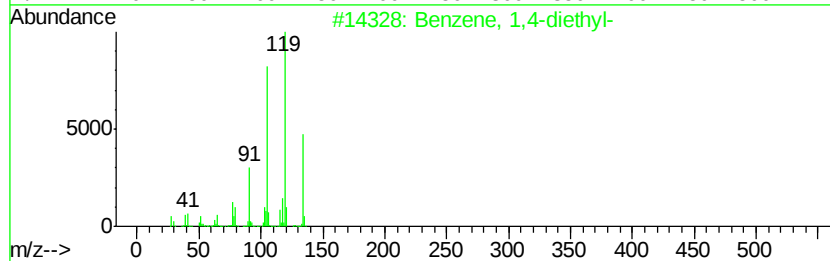
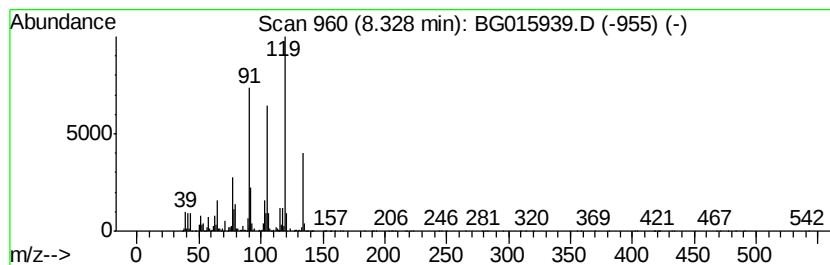
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Benzene, 1,4-diethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.33	41.40 ng	6654700	1,4-Dichlorobenzene-d4	7.69

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	95
2		Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	90
3		Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	90
4		1,3,8-p-Menthatriene	134	C10H14	021195-59-5	87
5		Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	87



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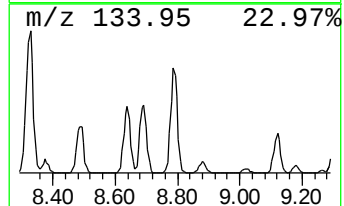
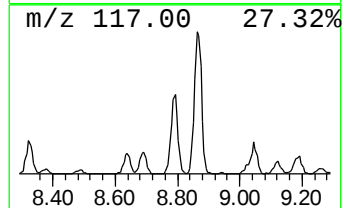
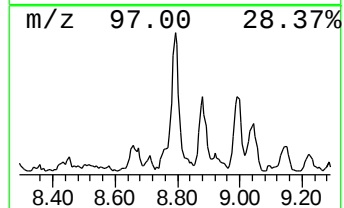
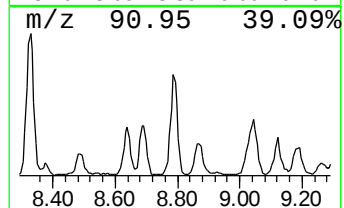
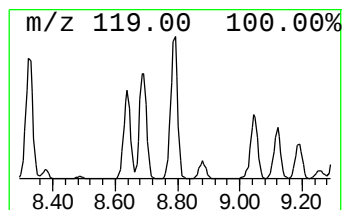
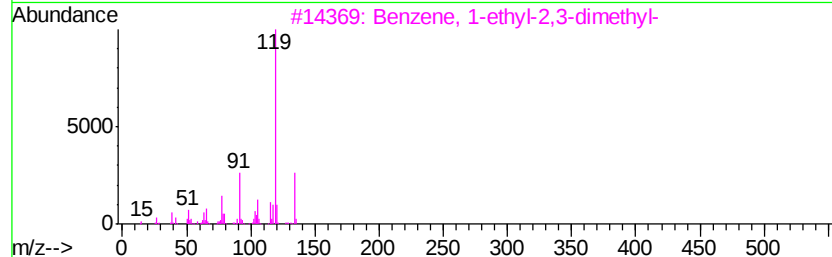
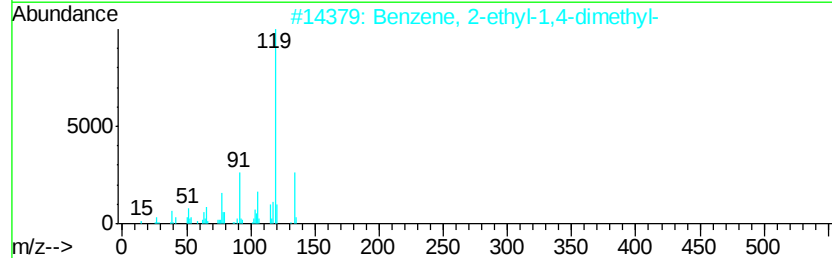
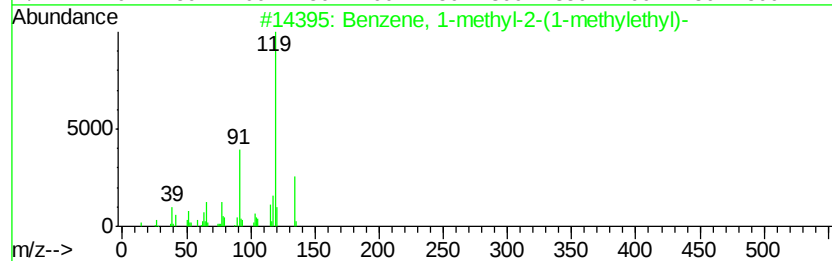
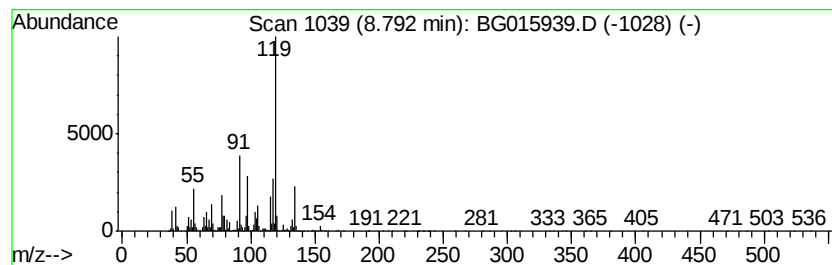
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 Benzene, 1-methyl-2-(1-meth... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.79	44.38 ng	7134020	1,4-Dichlorobenzene-d4	7.69

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	93
2		Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	93
3		Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	93
4		Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	76
5		Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	76



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG012615\
Data File : BG015939.D
Acq On : 27 Jan 2015 9:44
Operator : TP/IZ
Sample : G1139-03
Misc : S
ALS Vial : 23 Sample Multiplier: 1

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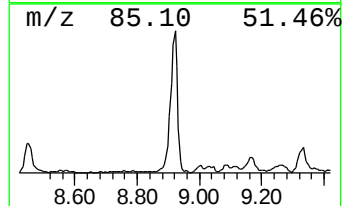
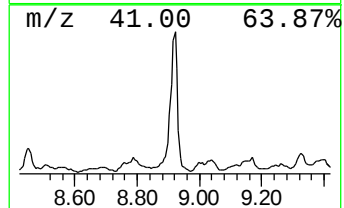
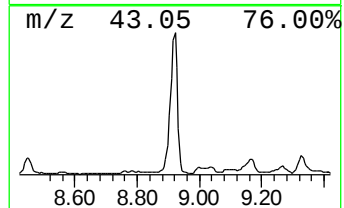
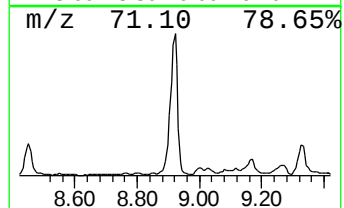
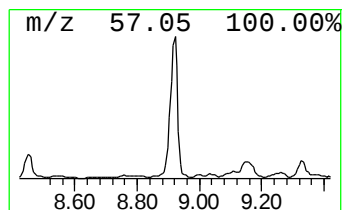
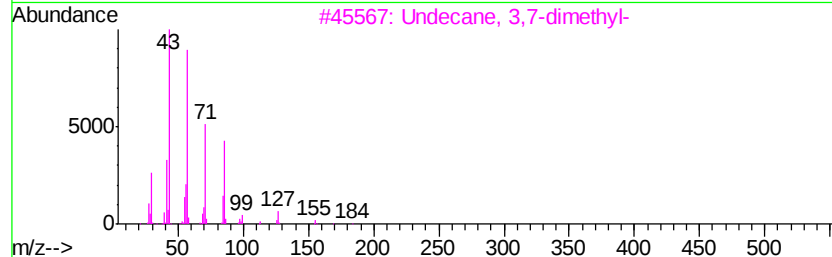
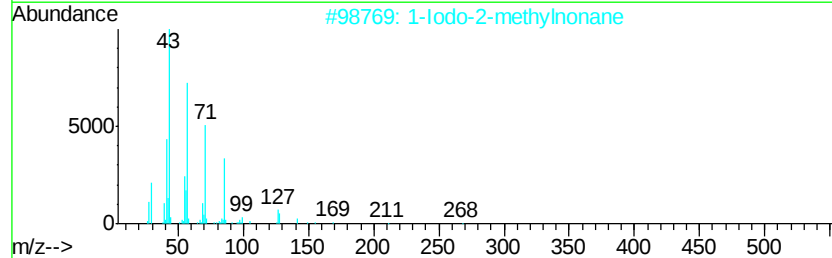
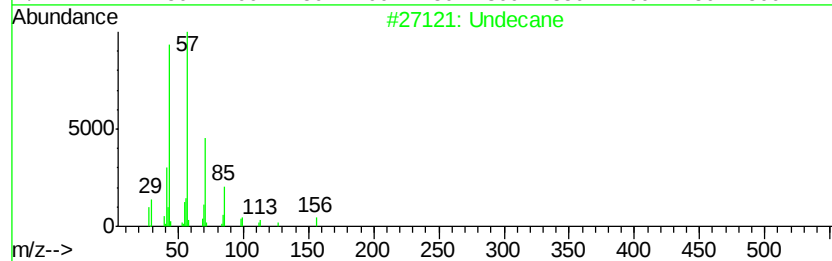
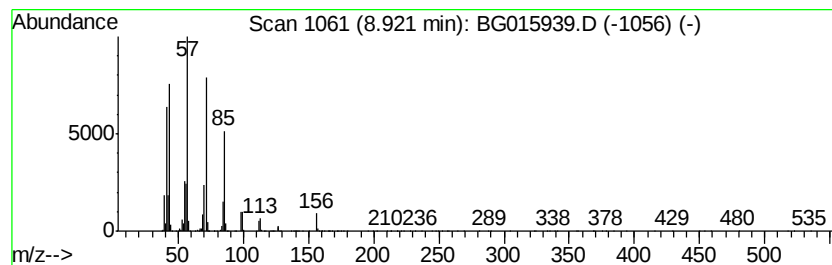
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Undecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.92	89.51 ng	14388200	1,4-Dichlorobenzene-d4	7.69

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane		156	C11H24	001120-21-4	90
2	1-Iodo-2-methylnonane		268	C10H21I	1000101-47-9	59
3	Undecane, 3,7-dimethyl-		184	C13H28	017301-29-0	59
4	Decane		142	C10H22	000124-18-5	59
5	Hexane, 3,3-dimethyl-		114	C8H18	000563-16-6	53



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG012615\
Data File : BG015939.D
Acq On : 27 Jan 2015 9:44
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Misc : S
ALS Vial : 23 Sample Multiplier: 1

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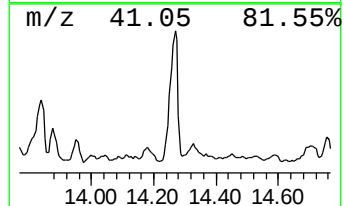
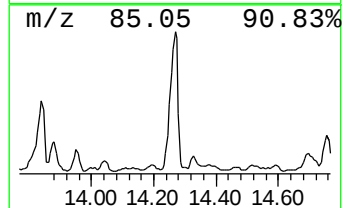
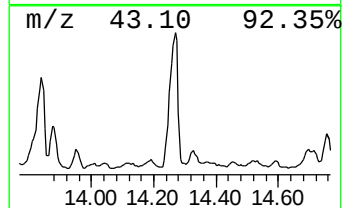
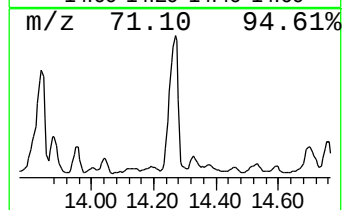
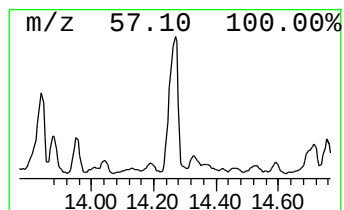
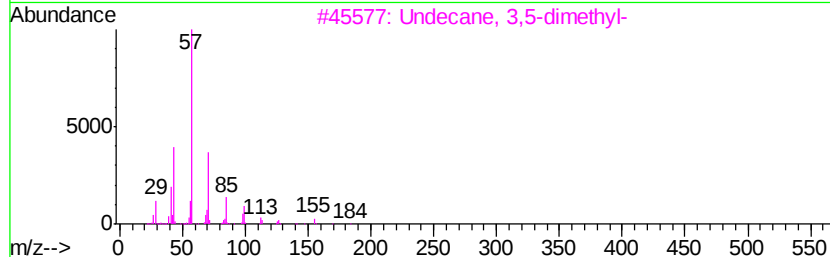
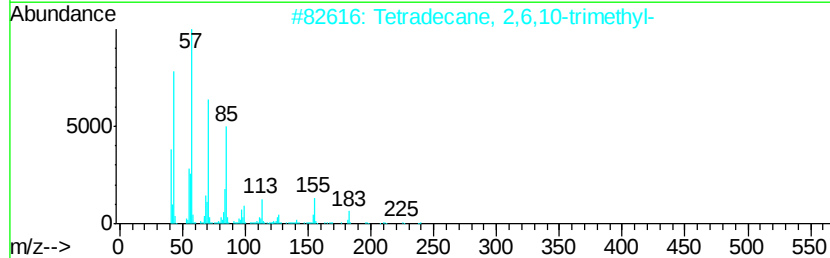
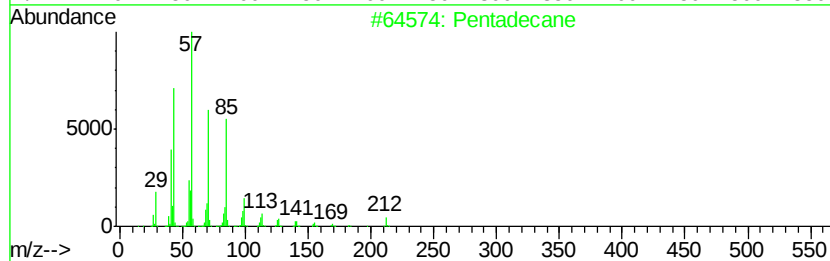
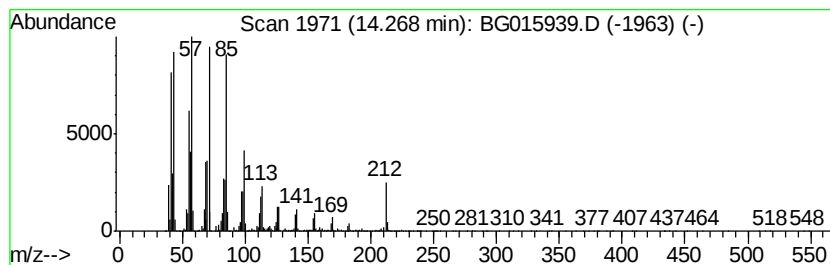
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Pentadecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.27	60.65 ng	46945300	Acenaphthene-d10	14.34

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane		212	C15H32	000629-62-9	93
2	Tetradecane, 2,6,10-trimethyl-		240	C17H36	014905-56-7	62
3	Undecane, 3,5-dimethyl-		184	C13H28	017312-81-1	55
4	Hexadecane, 2,6,10,14-tetramethyl-		282	C20H42	000638-36-8	43
5	Octyl thioglycolate		204	C10H20O2S	007664-80-4	38



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG012615\
Data File : BG015939.D
Acq On : 27 Jan 2015 9:44
Operator : TP/IZ
Sample : G1139-03
Misc : S
ALS Vial : 23 Sample Multiplier: 1

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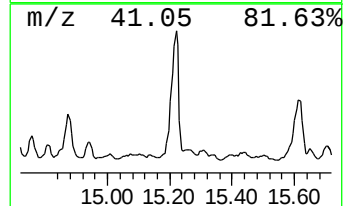
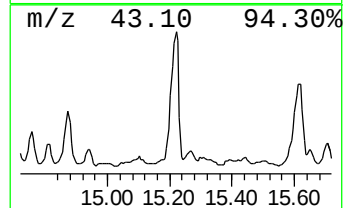
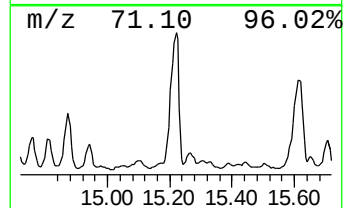
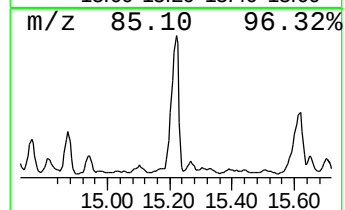
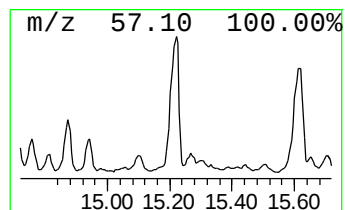
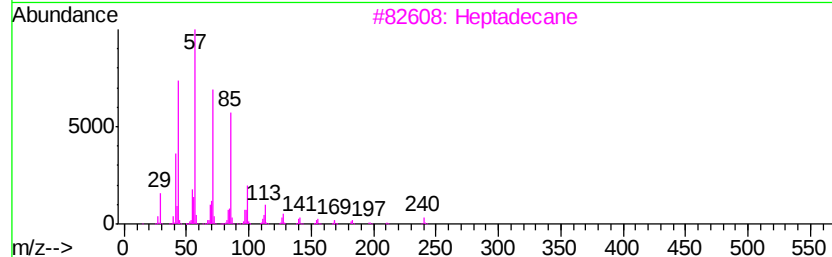
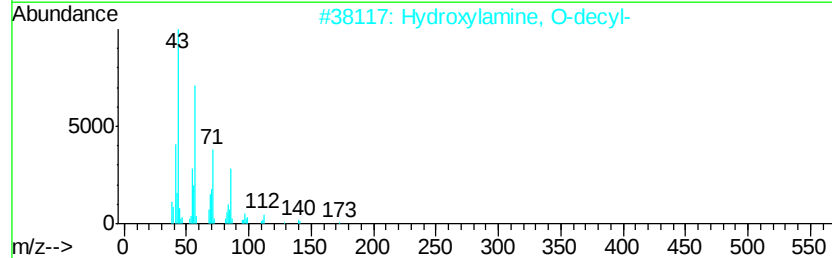
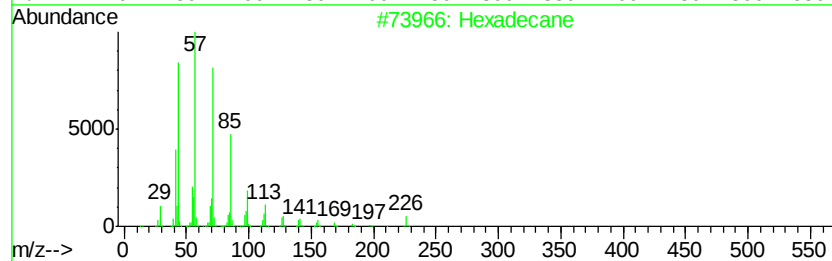
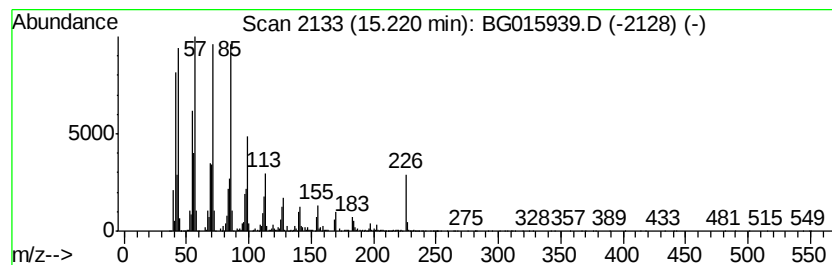
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Hexadecane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.22	47.56 ng	36809700	Acenaphthene-d10	14.34

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane	226	C16H34	000544-76-3	94
2		Hydroxylamine, O-decyl-	173	C10H23NO	029812-79-1	43
3		Heptadecane	240	C17H36	000629-78-7	41
4		Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	38
5		2,4-Dimethyldodecane	198	C14H30	006117-99-3	38



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG012615\
Data File : BG015939.D
Acq On : 27 Jan 2015 9:44
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Sample : G1139-03
Misc : S
ALS Vial : 23 Sample Multiplier: 1

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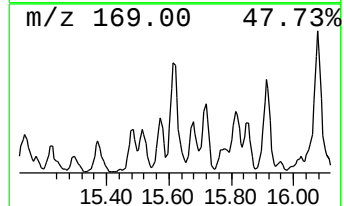
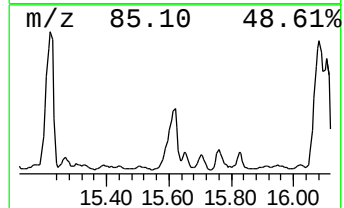
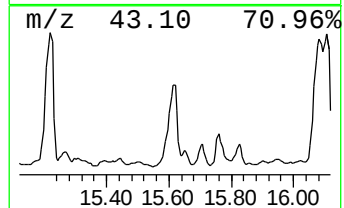
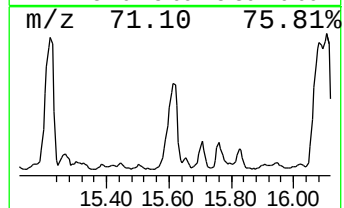
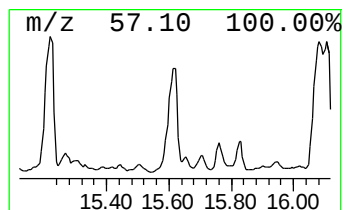
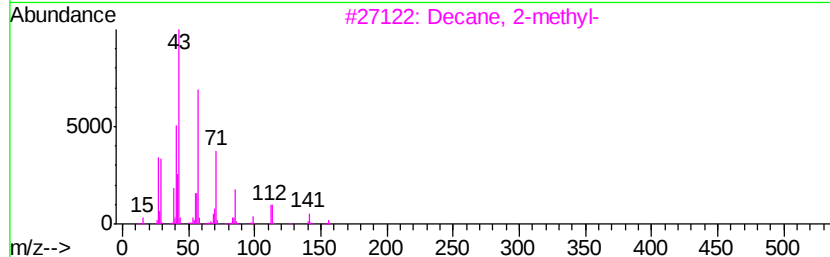
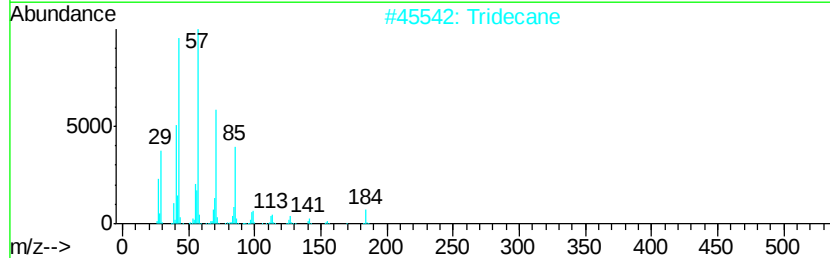
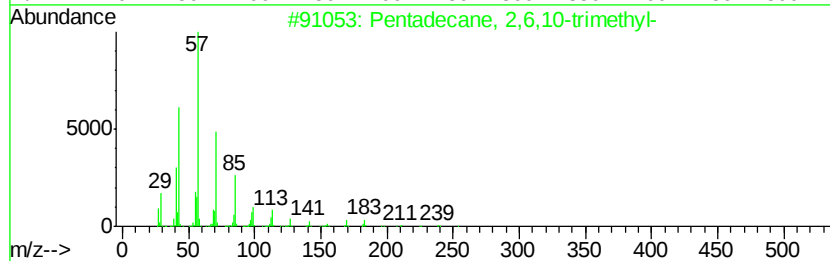
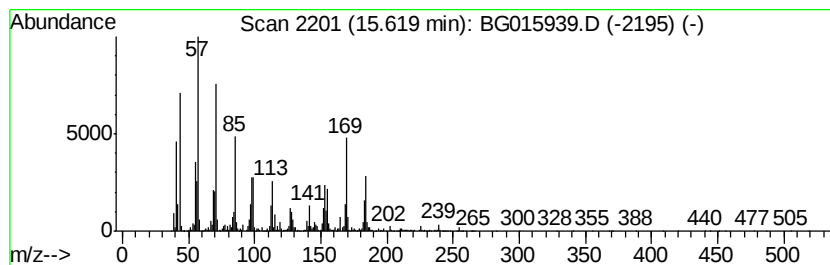
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Pentadecane, 2,6,10-trimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.62	36.09 ng	27937800	Acenaphthene-d10	14.34

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	60
2		Tridecane	184	C13H28	000629-50-5	55
3		Decane, 2-methyl-	156	C11H24	006975-98-0	50
4		Decane, 3,6-dimethyl-	170	C12H26	017312-53-7	50
5		Tridecane, 7-propyl-	226	C16H34	055045-09-5	45



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG012615\
Data File : BG015939.D
Acq On : 27 Jan 2015 9:44
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Instrument :
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ClientSampleId :
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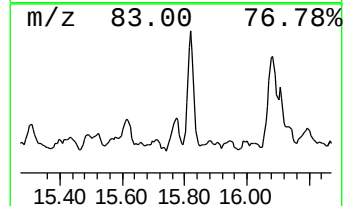
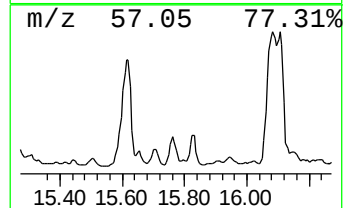
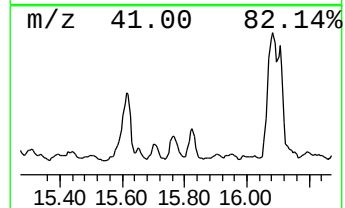
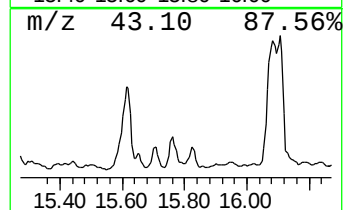
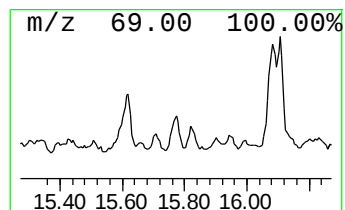
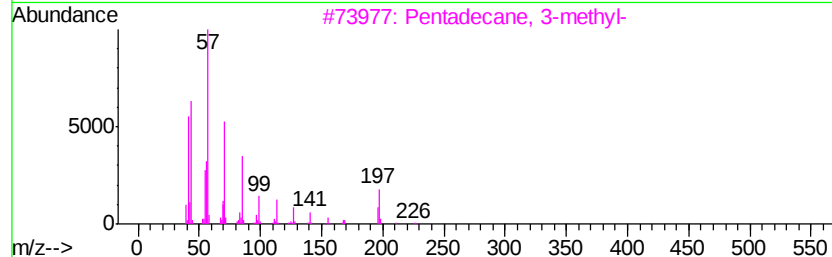
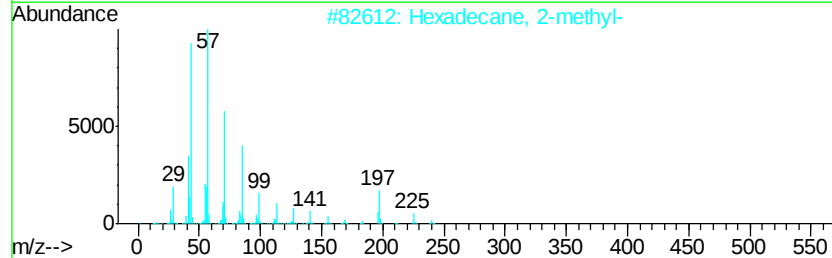
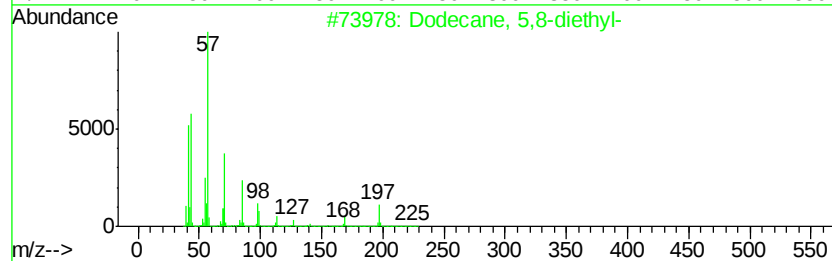
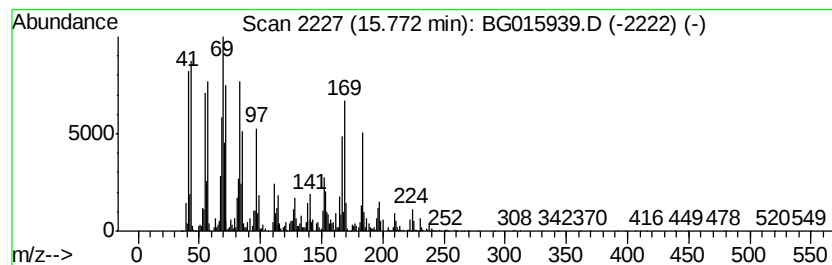
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Dodecane, 5,8-diethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.77	42.73 ng	9672900	Phenanthrene-d10	17.09

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane, 5,8-diethyl-	226	C16H34	024251-86-3	60
2		Hexadecane, 2-methyl-	240	C17H36	001560-92-5	60
3		Pentadecane, 3-methyl-	226	C16H34	002882-96-4	49
4		Tridecane	184	C13H28	000629-50-5	49
5		Tetradecane	198	C14H30	000629-59-4	46



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG012615\
Data File : BG015939.D
Acq On : 27 Jan 2015 9:44
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ALS Vial : 23 Sample Multiplier: 1

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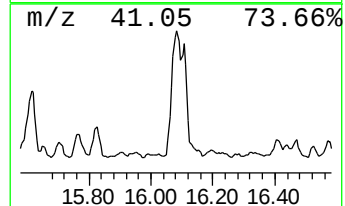
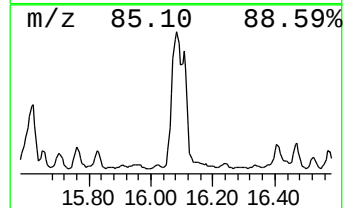
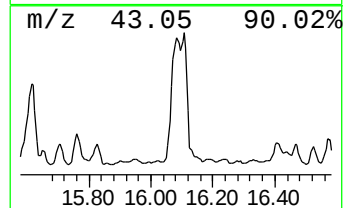
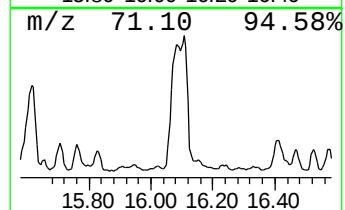
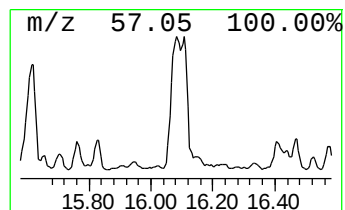
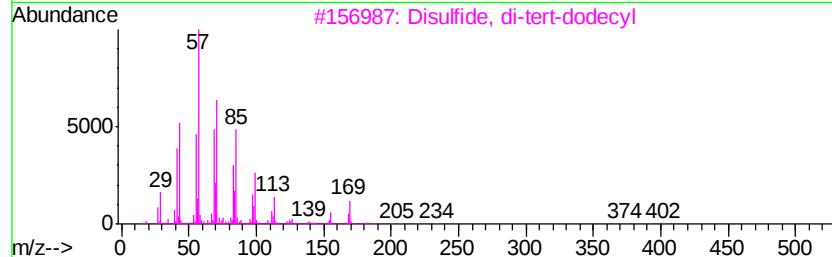
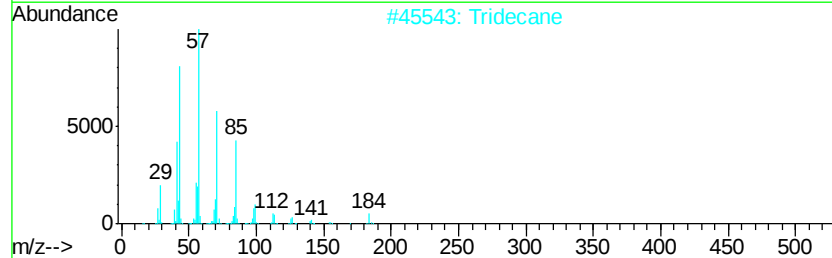
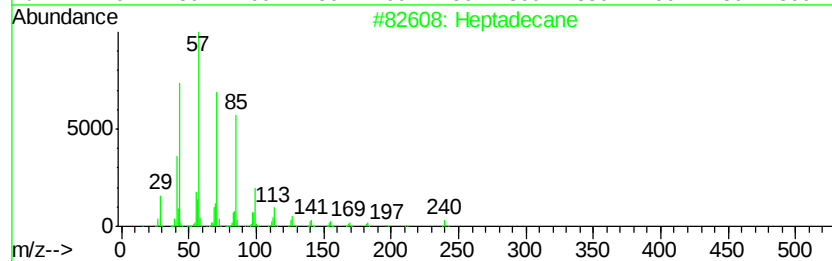
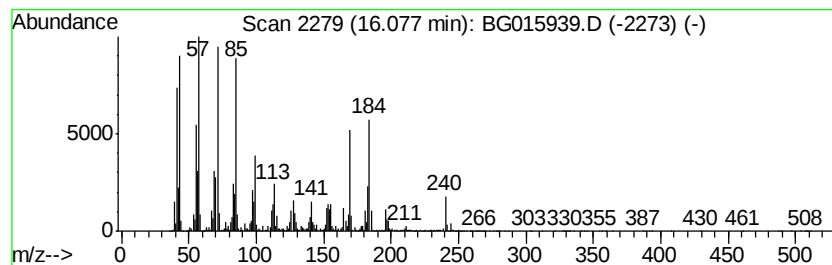
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Heptadecane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.08	241.14 ng	54589800	Phenanthrene-d10	17.09

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane		240	C17H36	000629-78-7	93
2	Tridecane		184	C13H28	000629-50-5	60
3	Disulfide, di-tert-dodecyl		402	C24H50S2	027458-90-8	52
4	Tridecanol, 2-ethyl-2-methyl-		242	C16H34O	1000115-66-1	52
5	10-Methylnonadecane		282	C20H42	056862-62-5	46



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG012615\
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Acq On : 27 Jan 2015 9:44
Operator : TP/IZ
Sample : G1139-03
Misc : S
ALS Vial : 23 Sample Multiplier: 1

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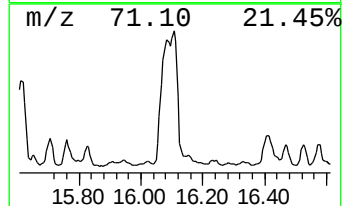
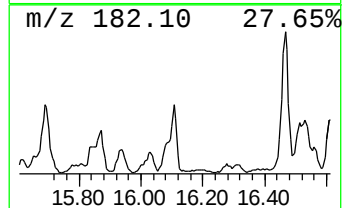
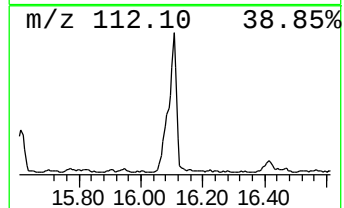
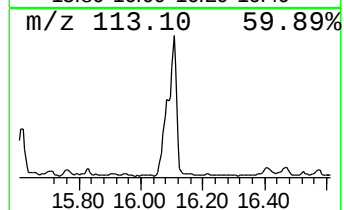
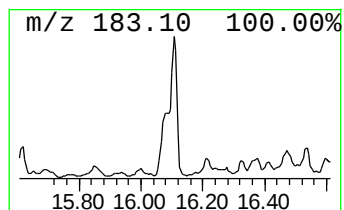
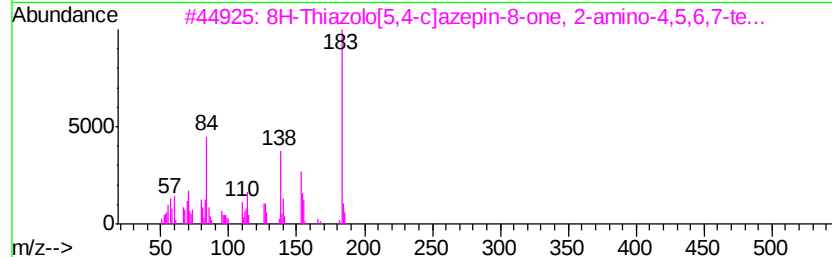
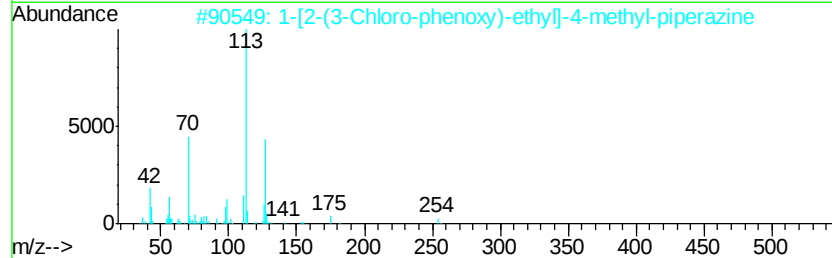
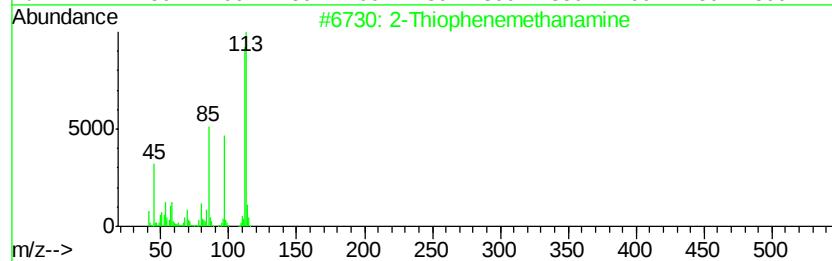
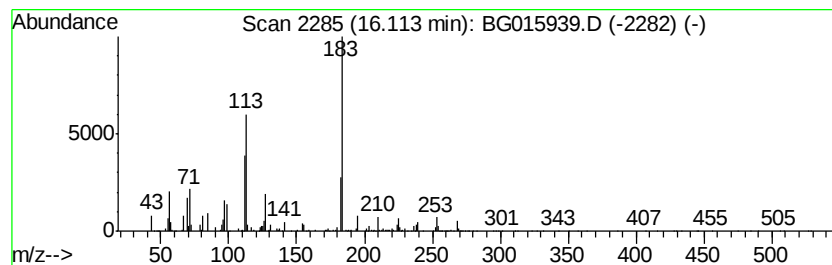
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 unknown16.11 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.11	134.21 ng	30383400	Phenanthrene-d10	17.09

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Thiophenemethanamine	113	C5H7NS	027757-85-3	35
2		1-[2-(3-Chloro-phenoxy)-ethyl]-4...	254	C13H19ClN2O	337312-00-2	30
3		8H-Thiazolo[5,4-c]azepin-8-one, ...	183	C7H9N3OS	155778-36-2	14
4		Pyrrolidine, 1-(1-oxopentyl)-	155	C9H17NO	004419-57-2	14
5		2-Furancarboxylic acid, decyl ester	252	C15H24O3	039251-90-6	14



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG012615\
Data File : BG015939.D
Acq On : 27 Jan 2015 9:44
Operator : TP/IZ
Sample : G1139-03
Misc : S
ALS Vial : 23 Sample Multiplier: 1

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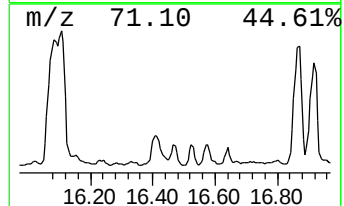
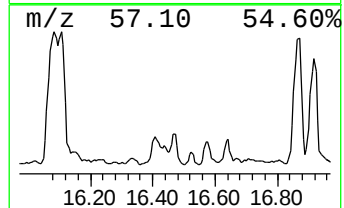
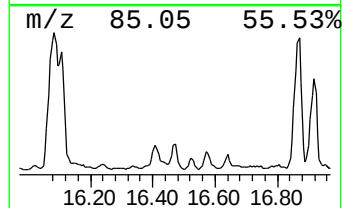
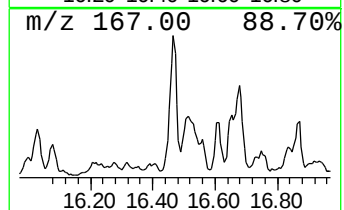
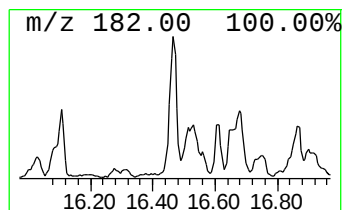
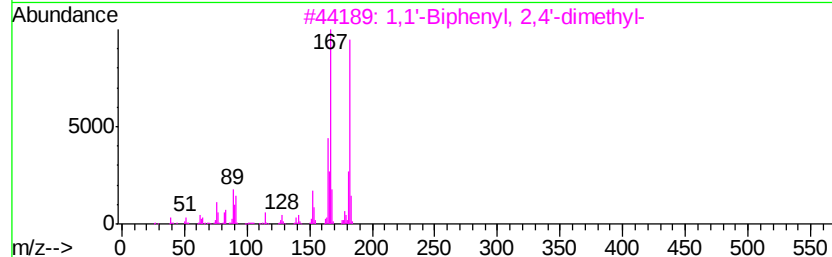
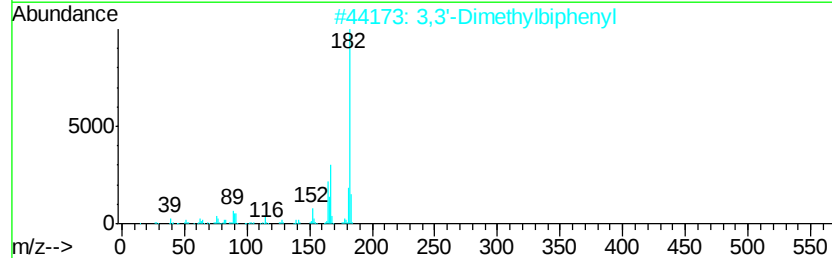
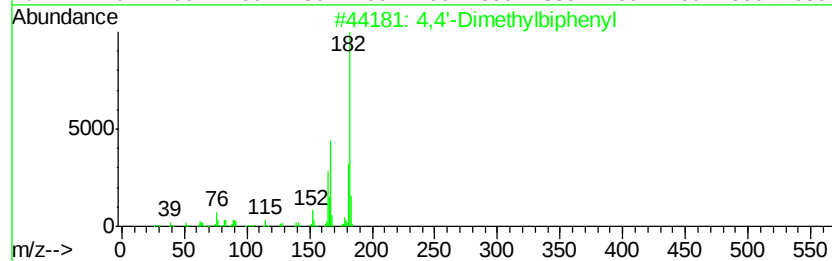
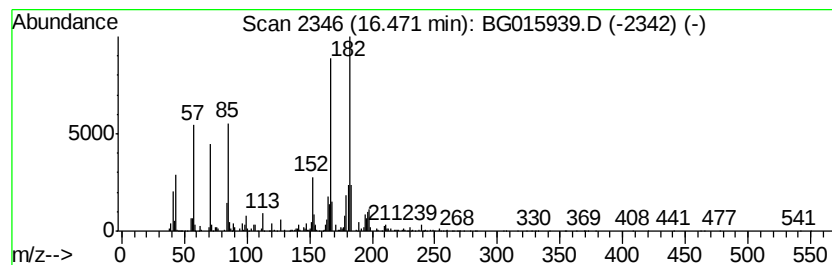
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 4,4'-Dimethylbiphenyl Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.47	44.85 ng	10153500	Phenanthrene-d10	17.09

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4,4'-Dimethylbiphenyl	182	C14H14	000613-33-2	70
2		3,3'-Dimethylbiphenyl	182	C14H14	000612-75-9	70
3		1,1'-Biphenyl, 2,4'-dimethyl-	182	C14H14	000611-61-0	64
4		1,1'-Biphenyl, 2,3'-dimethyl-	182	C14H14	000611-43-8	64
5		1,1'-Biphenyl, 3,4'-dimethyl-	182	C14H14	007383-90-6	62



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG012615\
Data File : BG015939.D
Acq On : 27 Jan 2015 9:44
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Misc : S
ALS Vial : 23 Sample Multiplier: 1

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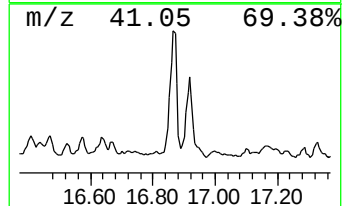
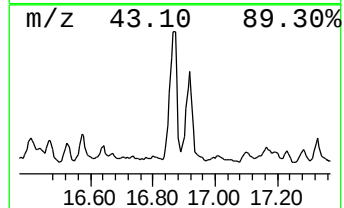
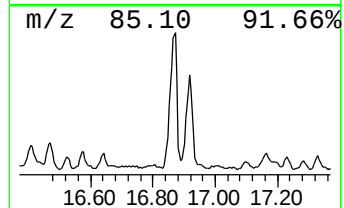
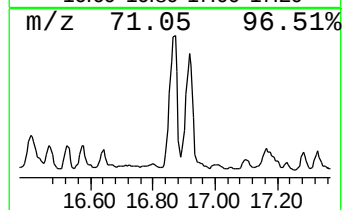
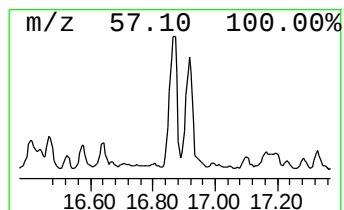
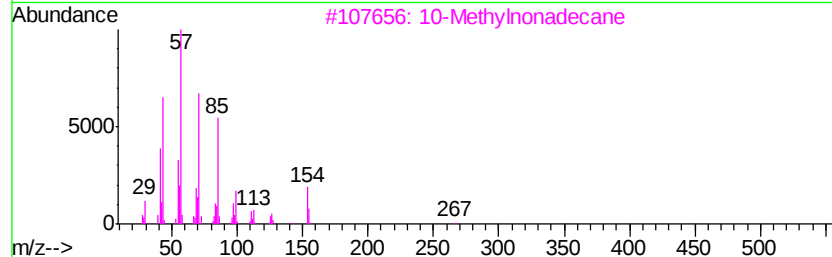
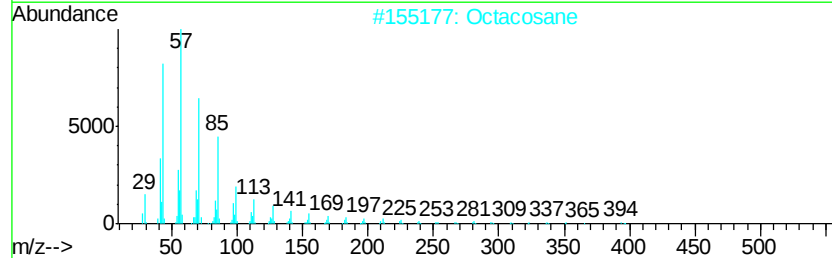
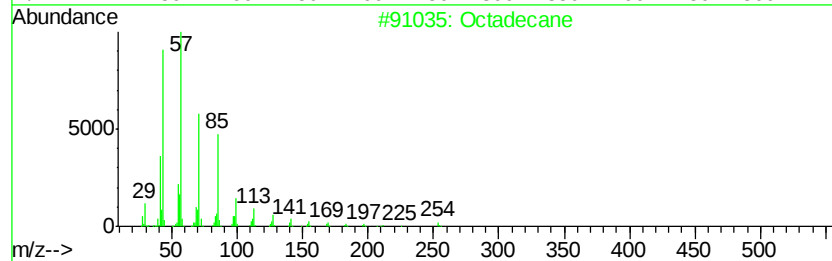
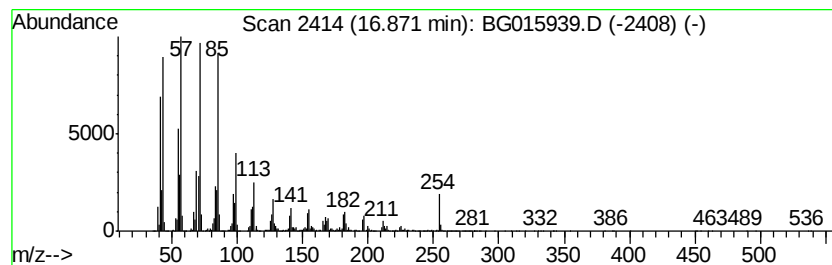
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Octadecane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.87	141.43 ng	32016900	Phenanthrene-d10	17.09

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecane	254	C18H38	000593-45-3	91
2		Octacosane	394	C28H58	000630-02-4	83
3		10-Methylnonadecane	282	C20H42	056862-62-5	64
4		Tetratriacontane	479	C34H70	014167-59-0	64
5		Tetracosane	338	C24H50	000646-31-1	58



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG012615\
Data File : BG015939.D
Acq On : 27 Jan 2015 9:44
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Sample : G1139-03
Misc : S
ALS Vial : 23 Sample Multiplier: 1

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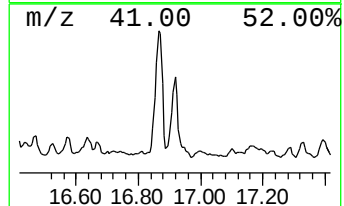
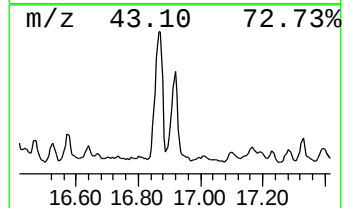
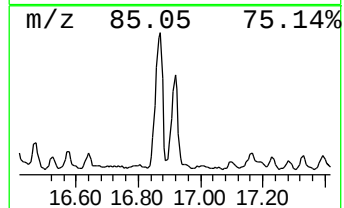
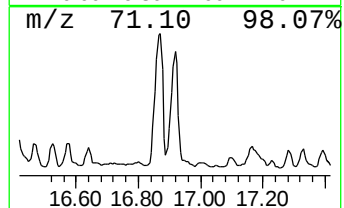
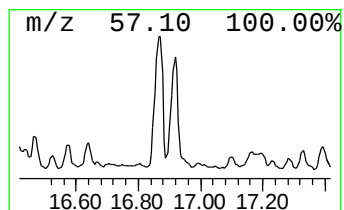
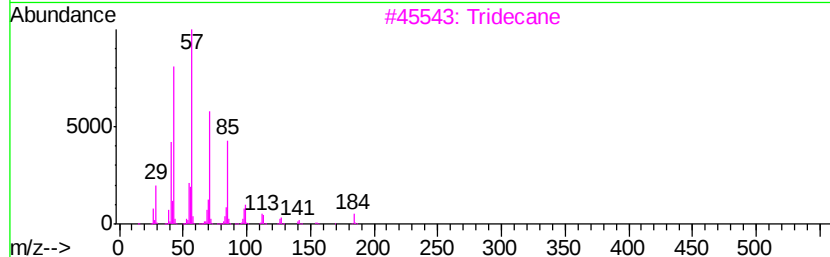
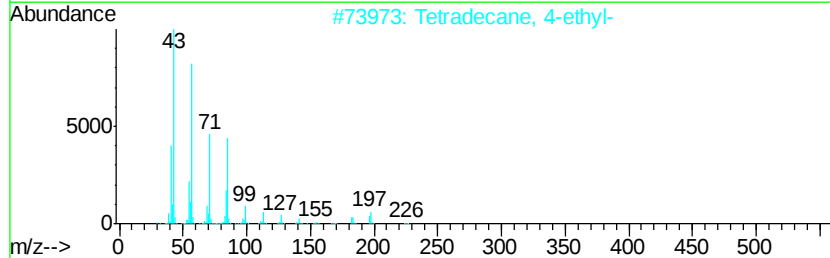
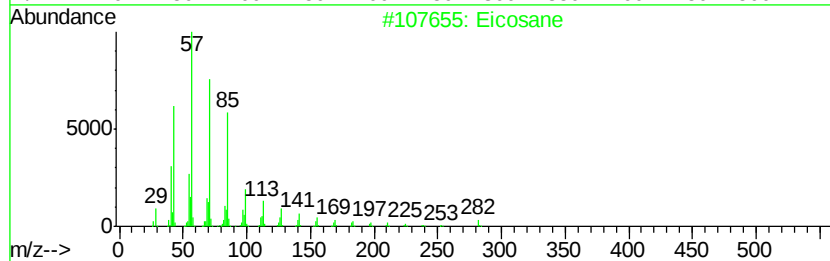
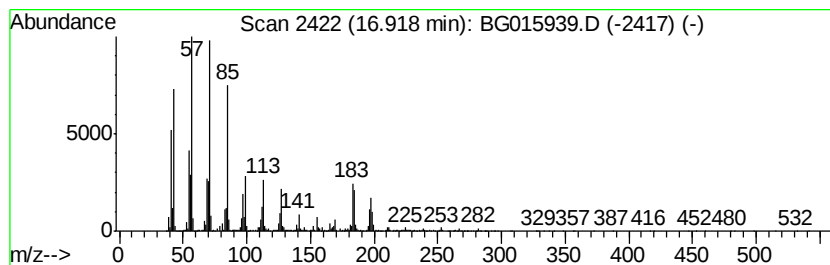
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Eicosane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.92	138.27 ng	31302000	Phenanthrene-d10	17.09

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	86
2		Tetradecane, 4-ethyl-	226	C16H34	055045-14-2	68
3		Tridecane	184	C13H28	000629-50-5	68
4		Tetradecane	198	C14H30	000629-59-4	64
5		Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	64



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG012615\
Data File : BG015939.D
Acq On : 27 Jan 2015 9:44
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Misc : S
ALS Vial : 23 Sample Multiplier: 1

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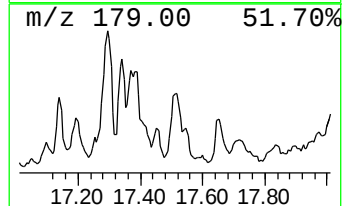
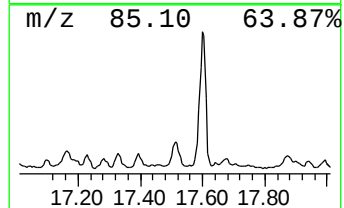
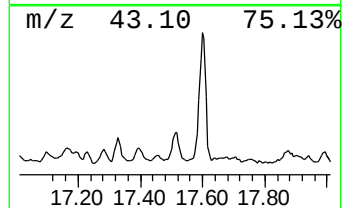
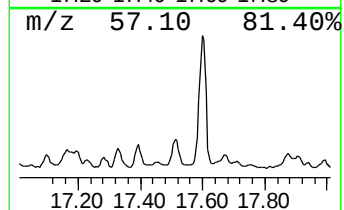
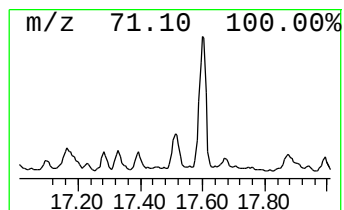
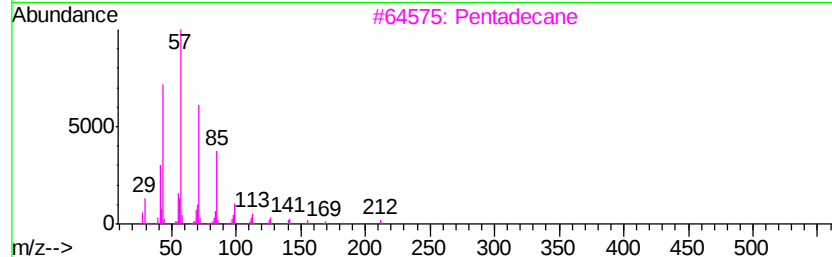
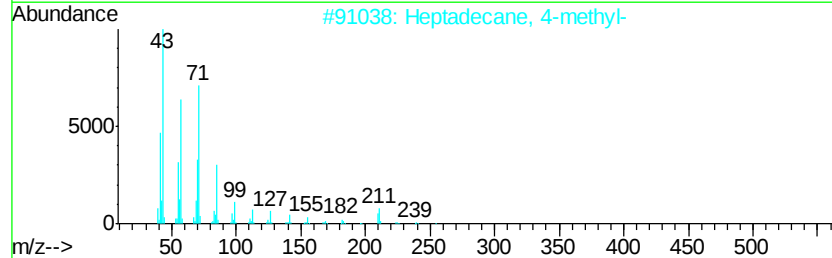
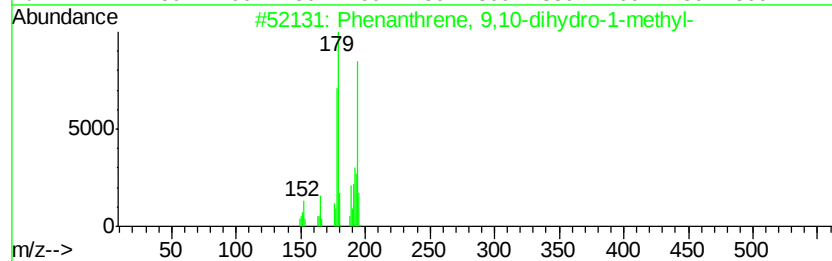
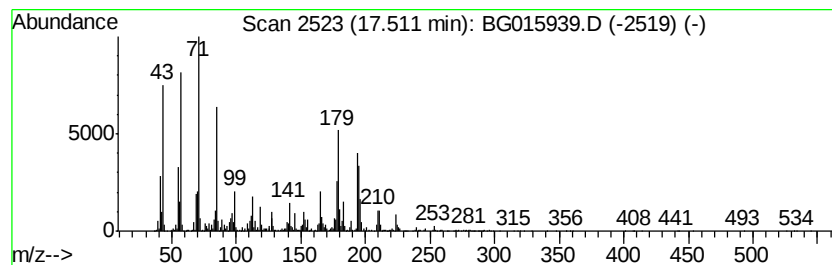
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Phenanthrene, 9,10-dihydro-... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.51	51.44 ng	11645100	Phenanthrene-d10	17.09

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Phenanthrene, 9,10-dihydro-1-met...	194	C15H14	095676-48-5	64
2		Heptadecane, 4-methyl-	254	C18H38	026429-11-8	64
3		Pentadecane	212	C15H32	000629-62-9	60
4		Hexadecane	226	C16H34	000544-76-3	56
5		Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	46



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG012615\
Data File : BG015939.D
Acq On : 27 Jan 2015 9:44
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Misc : S
ALS Vial : 23 Sample Multiplier: 1

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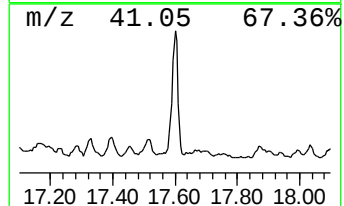
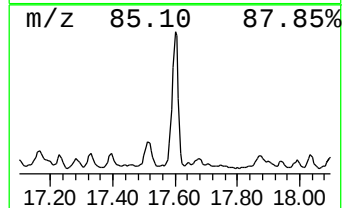
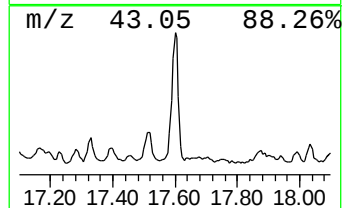
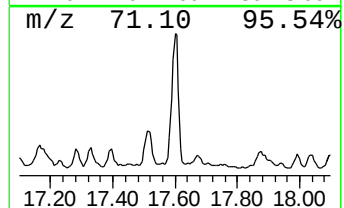
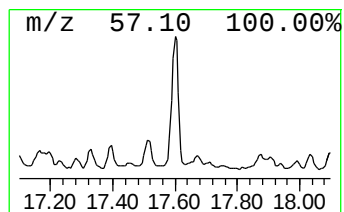
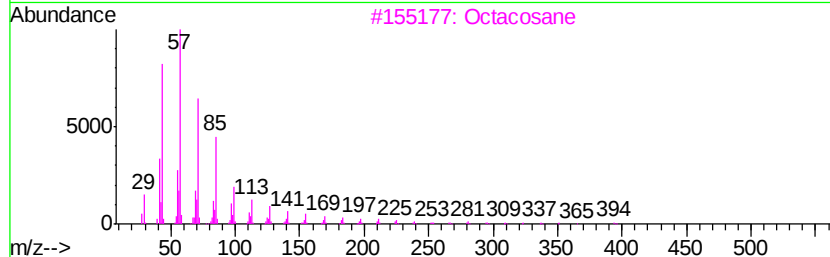
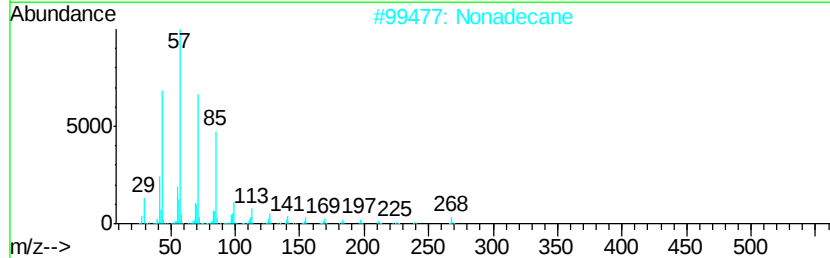
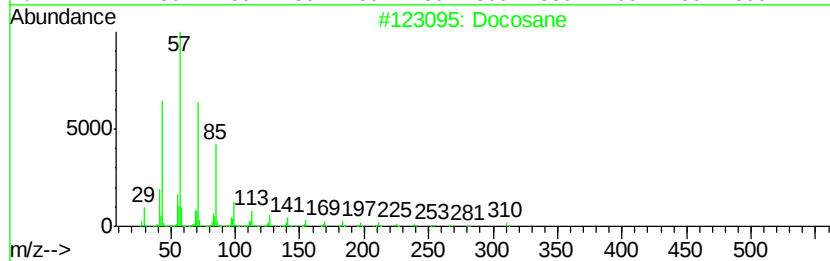
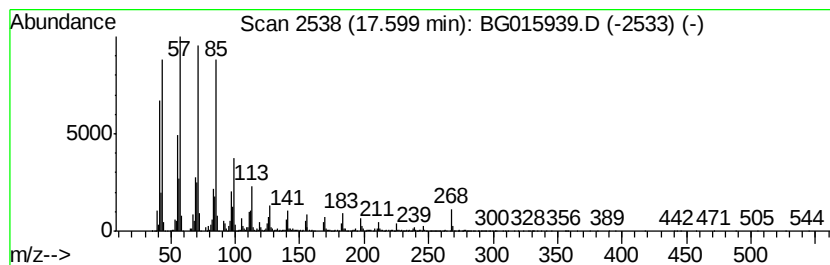
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Docosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.60	131.69 ng	29813300	Phenanthrene-d10	17.09

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Docosane		310	C22H46	000629-97-0	96
2	Nonadecane		268	C19H40	000629-92-5	94
3	Octacosane		394	C28H58	000630-02-4	91
4	Hentriacontane		437	C31H64	000630-04-6	87
5	Octadecane		254	C18H38	000593-45-3	74



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG012615\
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Acq On : 27 Jan 2015 9:44
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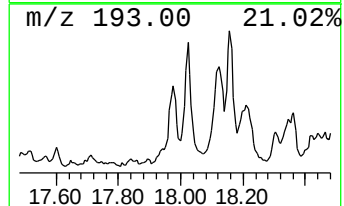
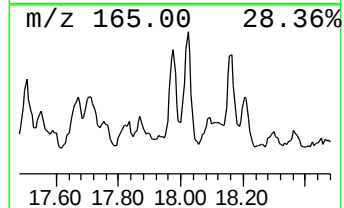
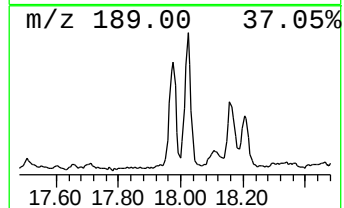
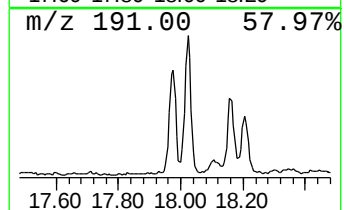
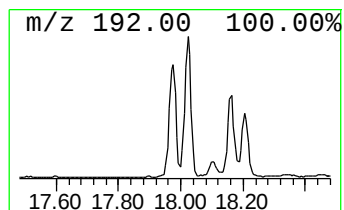
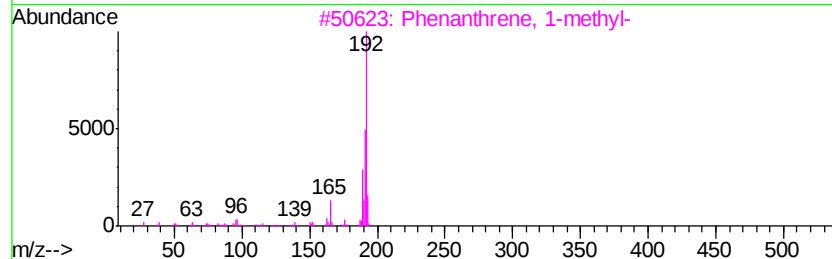
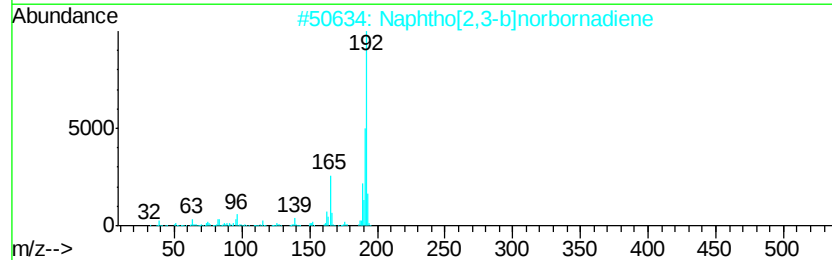
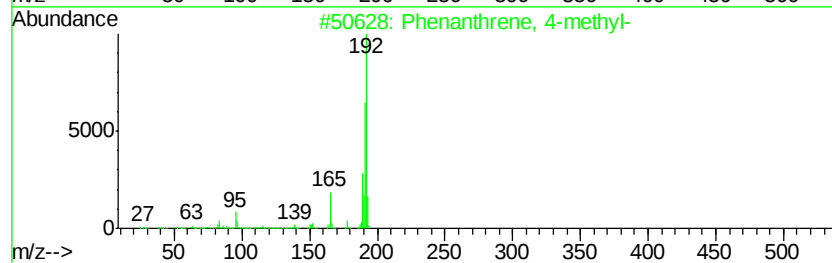
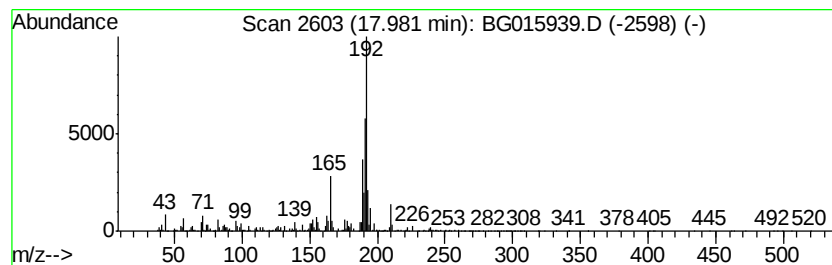
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Phenanthrene, 4-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.98	37.99 ng	8600860	Phenanthrene-d10	17.09

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	92
2		Naphtho[2,3-b]norbornadiene	192	C15H12	107426-38-0	90
3		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	90
4		1H-Cyclopropa[1]phenanthrene, 1a, ...	192	C15H12	000949-41-7	90
5		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	90



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Operator : TP/IZ
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Misc : S
ALS Vial : 23 Sample Multiplier: 1

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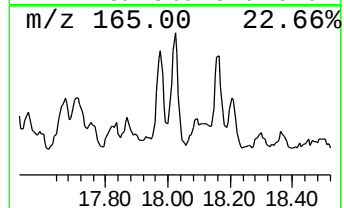
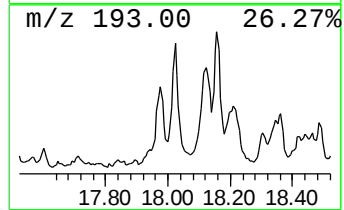
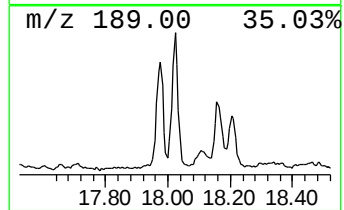
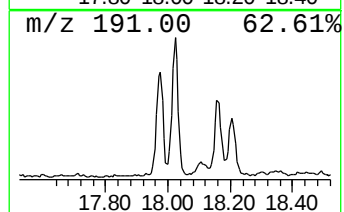
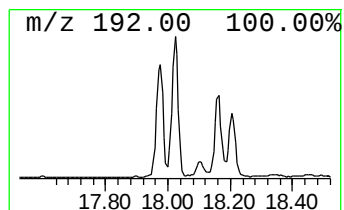
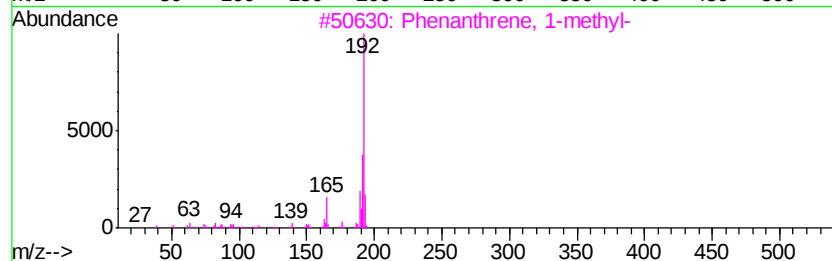
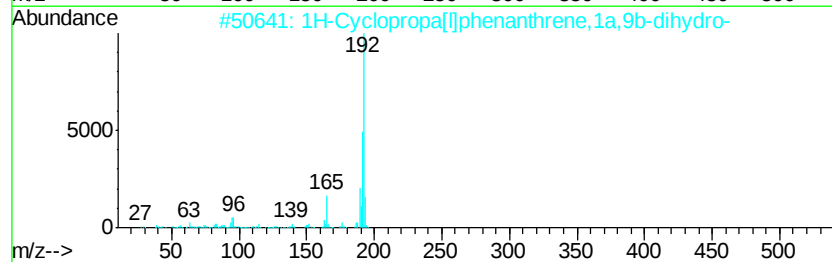
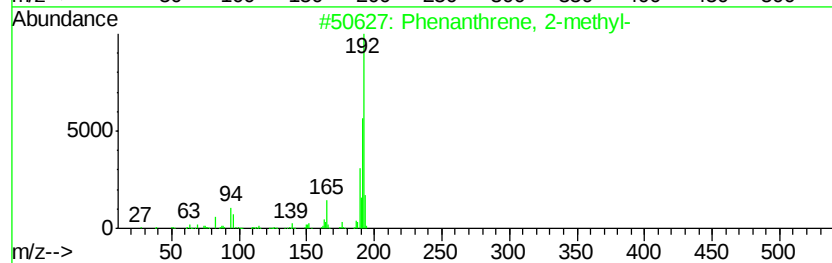
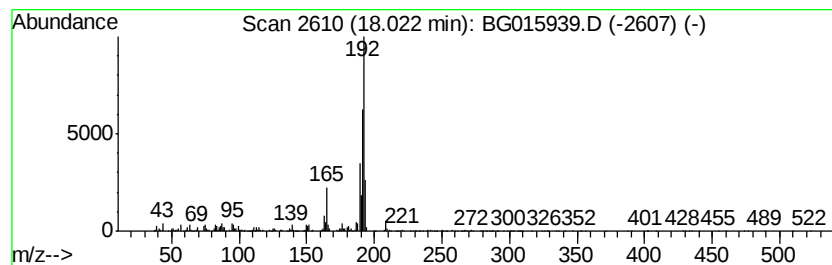
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Phenanthrene, 2-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.02	56.08 ng	12694700	Phenanthrene-d10	17.09

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	94
2		1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	94
3		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	92
4		Anthracene, 1-methyl-	192	C15H12	000610-48-0	90
5		Anthracene, 2-methyl-	192	C15H12	000613-12-7	86



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG012615\
Data File : BG015939.D
Acq On : 27 Jan 2015 9:44
Operator : TP/IZ
Sample : G1139-03
Misc : S
ALS Vial : 23 Sample Multiplier: 1

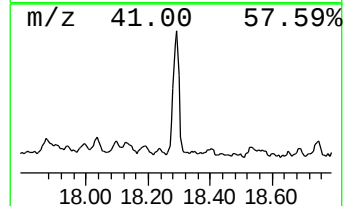
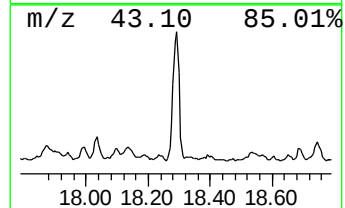
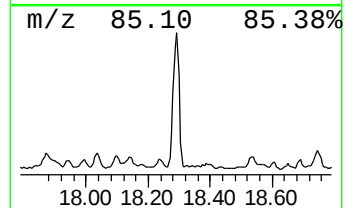
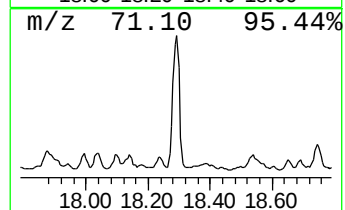
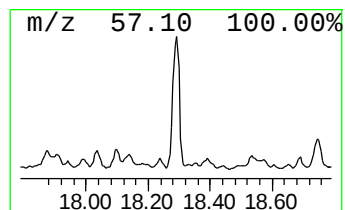
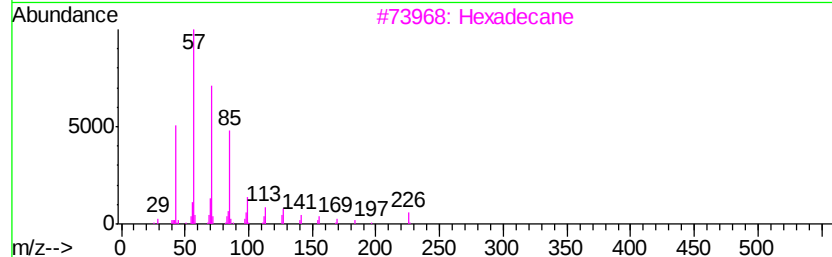
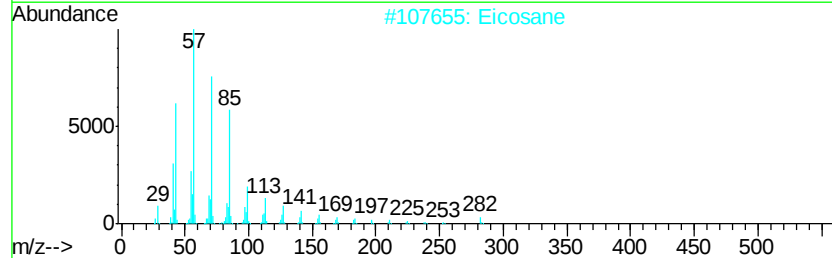
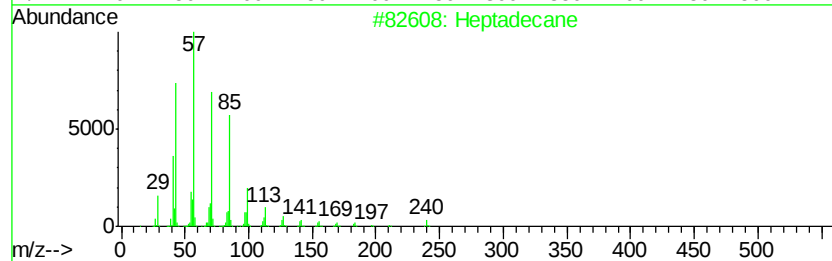
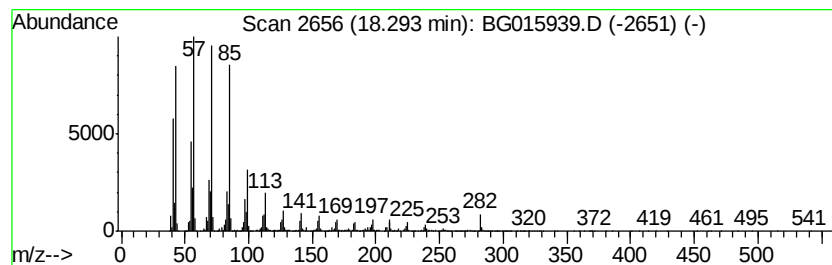
Instrument :
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG012015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Heptadecane, 9-hexyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD		R.T.	
18.29	95.09 ng	21528000	Phenanthrene-d10		17.09	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane		240	C17H36	000629-78-7	95
2	Eicosane		282	C20H42	000112-95-8	95
3	Hexadecane		226	C16H34	000544-76-3	93
4	Heptadecane, 9-hexyl-		324	C23H48	055124-79-3	93
5	Heptacosane		380	C27H56	000593-49-7	91



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG012615\
Data File : BG015939.D
Acq On : 27 Jan 2015 9:44
Operator : TP/IZ
Sample : G1139-03
Misc : S
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
121B2B

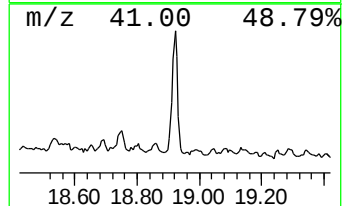
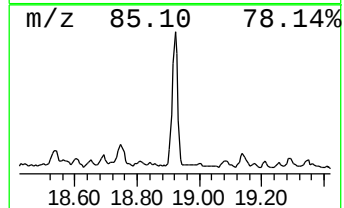
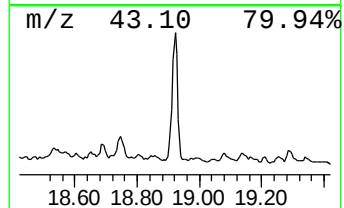
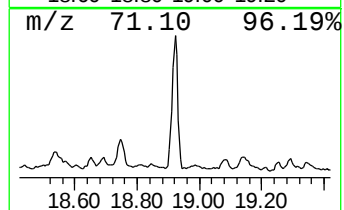
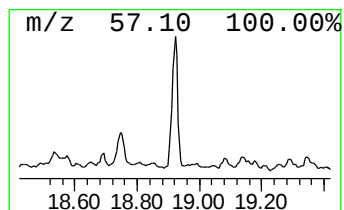
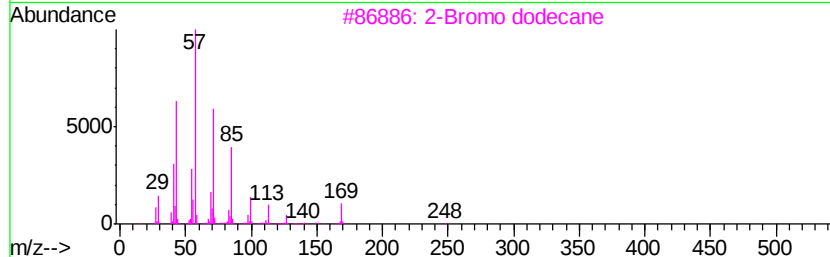
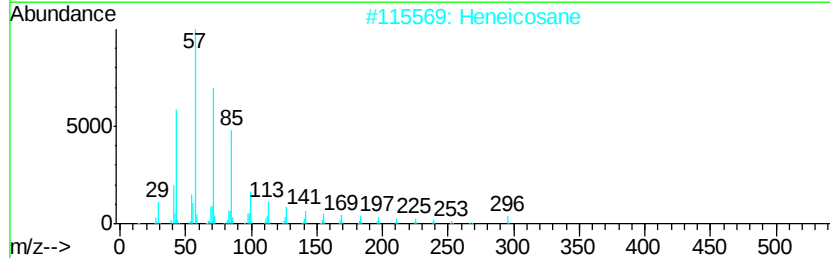
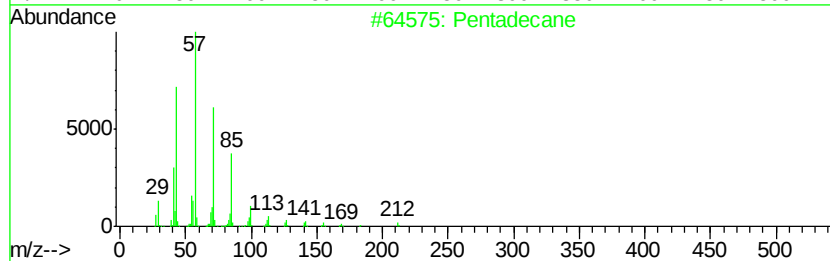
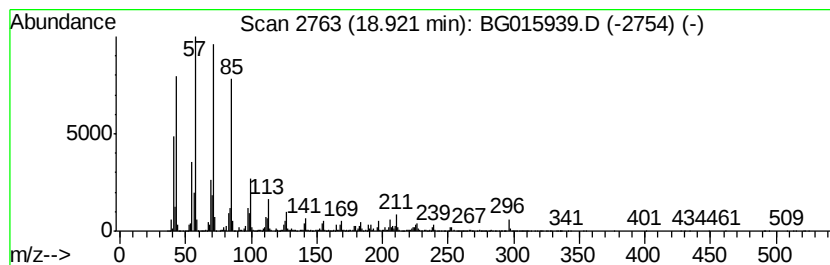
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Heneicosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.92	109.98 ng	24898000	Phenanthrene-d10	17.09

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentadecane	212	C15H32	000629-62-9	97
2		Heneicosane	296	C21H44	000629-94-7	95
3		2-Bromo dodecane	248	C12H25Br	013187-99-0	93
4		Hexadecane	226	C16H34	000544-76-3	93
5		Octadecane, 2-methyl-	268	C19H40	001560-88-9	93



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG012615\
Data File : BG015939.D
Acq On : 27 Jan 2015 9:44
Operator : TP/IZ
Sample : G1139-03
Misc : S
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
121B2B

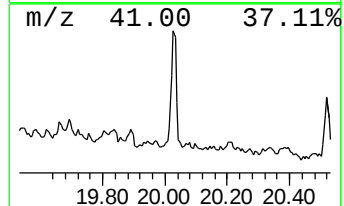
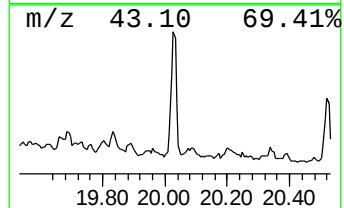
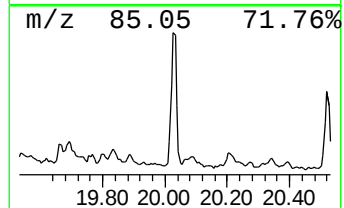
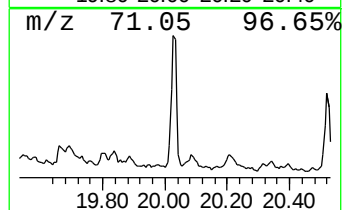
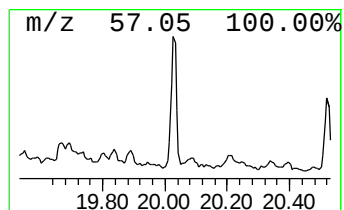
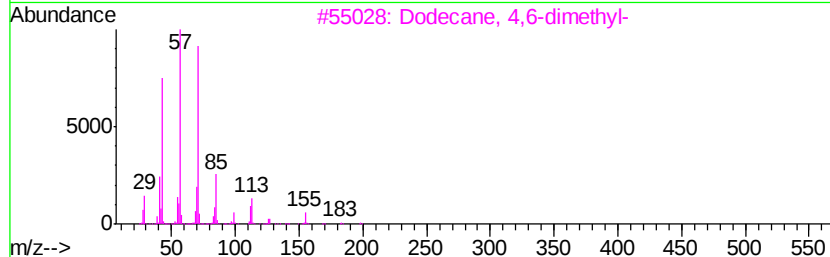
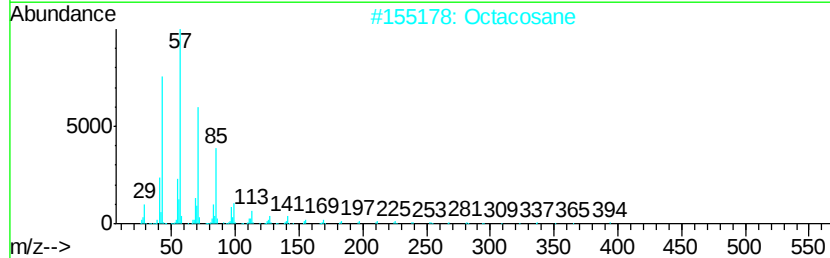
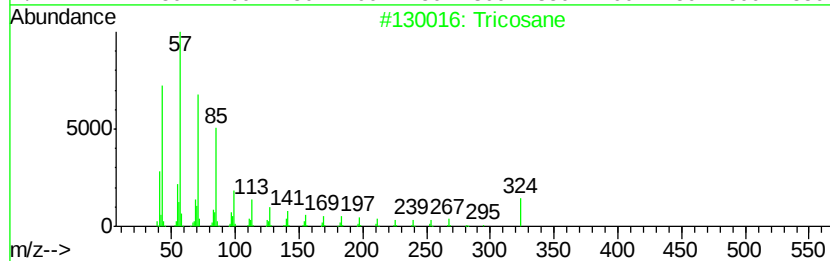
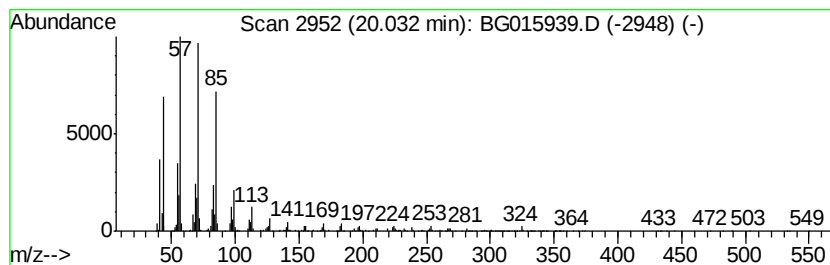
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Tricosane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.03	39.16 ng	6321280	Chrysene-d12	21.27

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tricosane	324	C23H48	000638-67-5	83
2		Octacosane	394	C28H58	000630-02-4	80
3		Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	76
4		Heptadecane	240	C17H36	000629-78-7	72
5		Nonadecane	268	C19H40	000629-92-5	72



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG012615\
 Data File : BG015939.D
 Acq On : 27 Jan 2015 9:44
 Operator : TP/IZ
 Sample : G1139-03
 Misc : S
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Octadecane, 1-chl...	7.32	67.5	ng	10852900	1	7.69	3215030	20.0
Benzene, 1,4-diet...	8.33	41.4	ng	6654700	1	7.69	3215030	20.0
Benzene, 1-methyl...	8.79	44.4	ng	7134020	1	7.69	3215030	20.0
Undecane	8.92	89.5	ng	14388200	1	7.69	3215030	20.0
Pentadecane	14.27	60.6	ng	46945300	3	14.34	15480300	20.0
Hexadecane	15.22	47.6	ng	36809700	3	14.34	15480300	20.0
Pentadecane, 2,6,...	15.62	36.1	ng	27937800	3	14.34	15480300	20.0
Dodecane, 5,8-die...	15.77	42.7	ng	9672900	4	17.09	4527730	20.0
Heptadecane	16.08	241.1	ng	54589800	4	17.09	4527730	20.0
unknown16.11	16.11	134.2	ng	30383400	4	17.09	4527730	20.0
4,4'-Dimethylbiph...	16.47	44.9	ng	10153500	4	17.09	4527730	20.0
Octadecane	16.87	141.4	ng	32016900	4	17.09	4527730	20.0
Eicosane	16.92	138.3	ng	31302000	4	17.09	4527730	20.0
Phenanthrene, 9,1...	17.51	51.4	ng	11645100	4	17.09	4527730	20.0
Docosane	17.60	131.7	ng	29813300	4	17.09	4527730	20.0
Phenanthrene, 4-m...	17.98	38.0	ng	8600860	4	17.09	4527730	20.0
Phenanthrene, 2-m...	18.02	56.1	ng	12694700	4	17.09	4527730	20.0
Heptadecane, 9-he...	18.29	95.1	ng	21528000	4	17.09	4527730	20.0
Heneicosane	18.92	110.0	ng	24898000	4	17.09	4527730	20.0
Tricosane	20.03	39.2	ng	6321280	5	21.27	3228780	20.0