

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091415\
 Data File : BF081623.D
 Acq On : 15 Sep 2015 2:45
 Operator : UM/IZ
 Sample : G3597-15 5X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GP-15(0-5)

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_F\METHODS\8270-BF090115.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	1.463	9	11	16	rBV	12412	30664	1.33%	0.237%
2	1.543	16	18	58	rVB	678627	2304405	100.00%	17.818%
3	4.480	272	275	289	rBB	47115	106818	4.64%	0.826%
4	5.383	351	354	363	rBV	79862	176260	7.65%	1.363%
5	7.646	550	552	558	rBV	85496	189378	8.22%	1.464%
6	7.749	558	561	571	rVB	115480	219304	9.52%	1.696%
7	8.229	600	603	610	rBB	194305	298121	12.94%	2.305%
8	8.549	628	631	638	rBB	89728	148197	6.43%	1.146%
9	9.521	713	716	726	rBB	73762	127048	5.51%	0.982%
10	11.132	853	857	860	rBV	251043	392866	17.05%	3.038%
11	11.372	875	878	884	rVB	23092	37450	1.63%	0.290%
12	12.424	964	970	976	rBV	14777	32830	1.42%	0.254%
13	12.824	1001	1005	1010	rVB2	45334	82773	3.59%	0.640%
14	13.772	1085	1088	1092	rVV	143242	229933	9.98%	1.778%
15	13.852	1092	1095	1097	rVV	19957	36454	1.58%	0.282%
16	14.184	1120	1124	1129	rVB	63871	104886	4.55%	0.811%
17	14.584	1155	1159	1168	rVB2	9315	31241	1.36%	0.242%
18	14.835	1171	1181	1186	rBV4	23674	66603	2.89%	0.515%
19	14.950	1189	1191	1194	rVV2	31235	55814	2.42%	0.432%
20	15.075	1199	1202	1206	rBV2	11201	24143	1.05%	0.187%
21	15.270	1215	1219	1222	rBV	217598	370164	16.06%	2.862%
22	15.338	1222	1225	1229	rVB	28120	41732	1.81%	0.323%
23	15.464	1232	1236	1239	rVV	68916	111798	4.85%	0.864%
24	16.573	1330	1333	1338	rVB	23185	40683	1.77%	0.315%
25	16.664	1338	1341	1344	rBV	69127	108493	4.71%	0.839%
26	17.167	1382	1385	1391	rBV3	54084	144262	6.26%	1.115%
27	17.807	1438	1441	1443	rBV	68952	147865	6.42%	1.143%
28	18.516	1501	1503	1506	rVB2	15922	26213	1.14%	0.203%
29	18.779	1522	1526	1528	rBV	189069	332290	14.42%	2.569%
30	18.824	1528	1530	1533	rVV	246291	426063	18.49%	3.294%
31	18.893	1533	1536	1538	rVV	56126	91140	3.96%	0.705%
32	18.950	1538	1541	1549	rVB2	65619	122461	5.31%	0.947%
33	19.933	1623	1627	1630	rBV	44913	82328	3.57%	0.637%
34	20.002	1630	1633	1636	rVV	33229	51957	2.25%	0.402%

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35	20.059	1636	1638	1643	rVB	36504	67414	2.93%	0.521%
36	20.219	1650	1652	1656	rVV2	26687	69842	3.03%	0.540%
37	20.299	1656	1659	1663	rVB	18385	36614	1.59%	0.283%
38	20.745	1695	1698	1702	rBV2	23016	62811	2.73%	0.486%
39	20.870	1706	1709	1712	rBV	50911	71552	3.11%	0.553%
40	21.213	1736	1739	1741	rBV2	19788	37620	1.63%	0.291%
41	21.259	1741	1743	1746	rVV2	10857	25207	1.09%	0.195%
42	21.316	1746	1748	1750	rVV3	14515	23601	1.02%	0.182%
43	21.362	1750	1752	1756	rVV2	8654	24602	1.07%	0.190%
44	21.442	1756	1759	1762	rVV	347753	430489	18.68%	3.329%
45	21.567	1766	1770	1772	rVV2	42975	69729	3.03%	0.539%
46	21.796	1786	1790	1793	rVB	325683	500715	21.73%	3.872%
47	22.036	1807	1811	1813	rBV3	50130	76010	3.30%	0.588%
48	22.116	1816	1818	1820	rBV	193055	207864	9.02%	1.607%
49	22.162	1820	1822	1824	rVB2	23628	38715	1.68%	0.299%
50	22.310	1829	1835	1838	rBV	44884	99203	4.30%	0.767%
51	22.402	1841	1843	1845	rBV	30540	38883	1.69%	0.301%
52	22.436	1845	1846	1848	rBV	29107	34133	1.48%	0.264%
53	22.585	1858	1859	1861	rVB2	67672	71082	3.08%	0.550%
54	22.813	1877	1879	1881	rBV	138574	145507	6.31%	1.125%
55	22.950	1888	1891	1892	rBV	36554	54759	2.38%	0.423%
56	22.996	1894	1895	1897	rVB	45879	55585	2.41%	0.430%
57	23.088	1901	1903	1905	rBV2	27555	43683	1.90%	0.338%
58	23.133	1905	1907	1910	rVB2	36035	64230	2.79%	0.497%
59	23.179	1910	1911	1913	rBV2	22960	27466	1.19%	0.212%
60	23.225	1913	1915	1918	rBV	34669	46656	2.02%	0.361%
61	23.396	1923	1930	1931	rBV3	332551	650823	28.24%	5.032%
62	23.419	1931	1932	1934	rVB	196217	208565	9.05%	1.613%
63	23.453	1934	1935	1937	rBV2	18159	24188	1.05%	0.187%
64	23.499	1937	1939	1942	rBV	68731	85179	3.70%	0.659%
65	23.682	1952	1955	1957	rVB3	49773	91376	3.97%	0.707%
66	23.728	1957	1959	1962	rBV3	69708	100551	4.36%	0.777%
67	23.808	1963	1966	1967	rBV2	26807	49929	2.17%	0.386%
68	23.842	1967	1969	1971	rVV	39334	70846	3.07%	0.548%
69	23.876	1971	1972	1976	rVB2	50868	79972	3.47%	0.618%
70	24.048	1985	1987	1991	rVB2	60786	72567	3.15%	0.561%
71	24.356	2012	2014	2016	rBV2	58874	60974	2.65%	0.471%

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72	24.493	2023	2026	2030	rBV	204374	382005	16.58%	2.954%
73	24.585	2032	2034	2037	rVV2	57832	138809	6.02%	1.073%
74	24.653	2037	2040	2043	rVV2	87345	274608	11.92%	2.123%
75	24.733	2045	2047	2050	rVV	184222	351564	15.26%	2.718%
76	24.779	2050	2051	2053	rVV	163099	232671	10.10%	1.799%
77	24.836	2053	2056	2059	rVV2	198003	434313	18.85%	3.358%
78	24.928	2062	2064	2067	rVB	55541	96969	4.21%	0.750%
79	25.236	2089	2091	2096	rVB	45382	72596	3.15%	0.561%
80	25.328	2097	2099	2102	rVB3	29604	48891	2.12%	0.378%
81	25.591	2119	2122	2124	rVB2	28760	49952	2.17%	0.386%
82	25.888	2146	2148	2151	rVB	48006	78785	3.42%	0.609%
83	26.196	2172	2175	2179	rBV	30189	60280	2.62%	0.466%

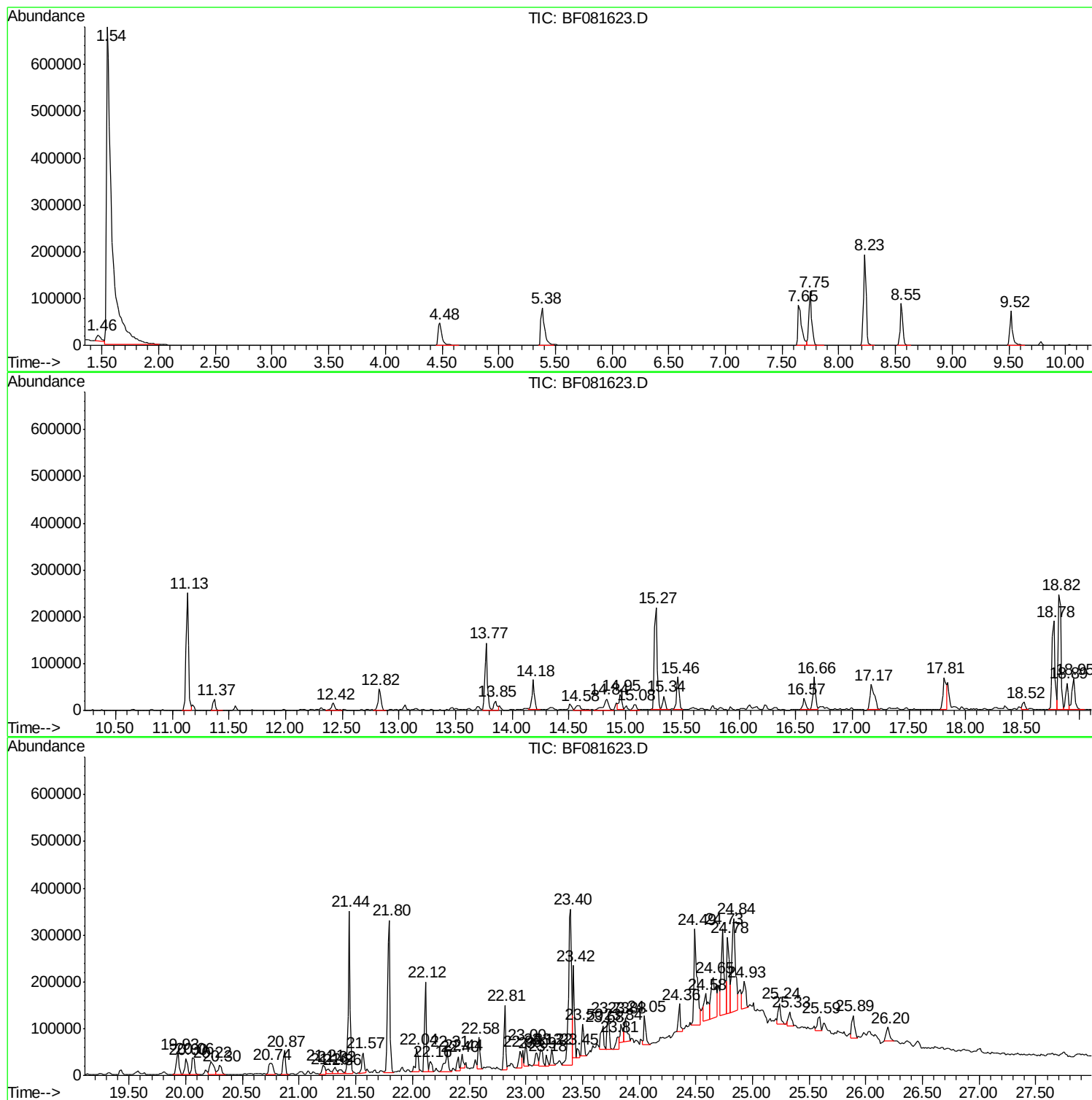
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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Sample : G3597-15 5X
Misc :
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Instrument :
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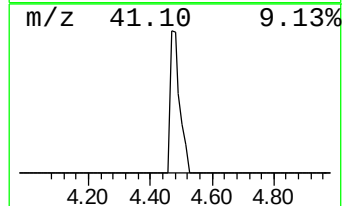
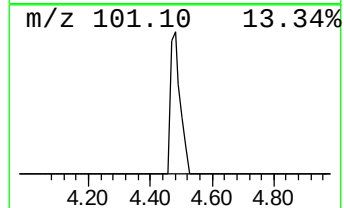
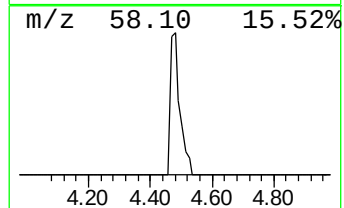
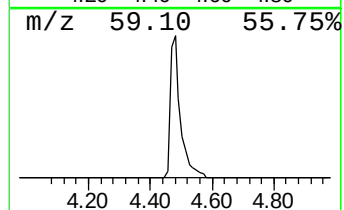
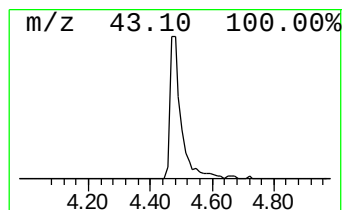
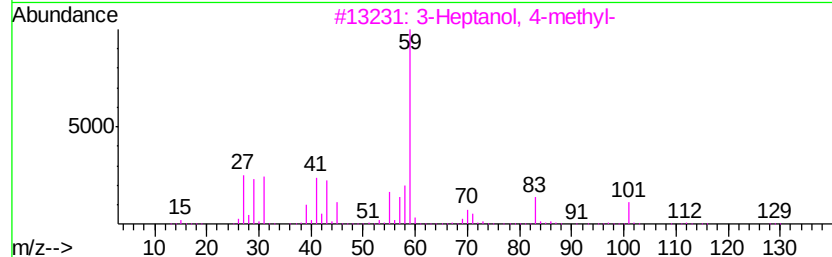
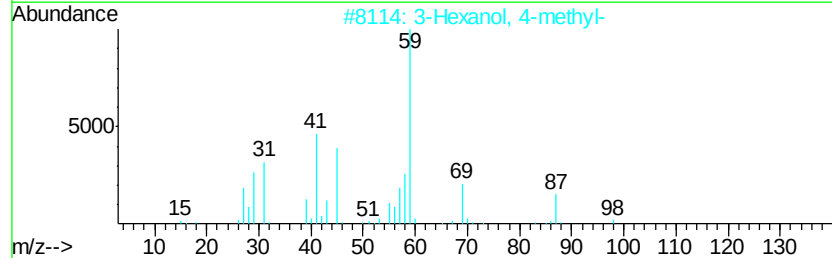
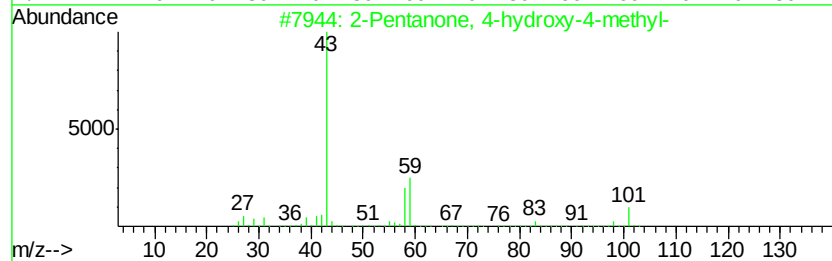
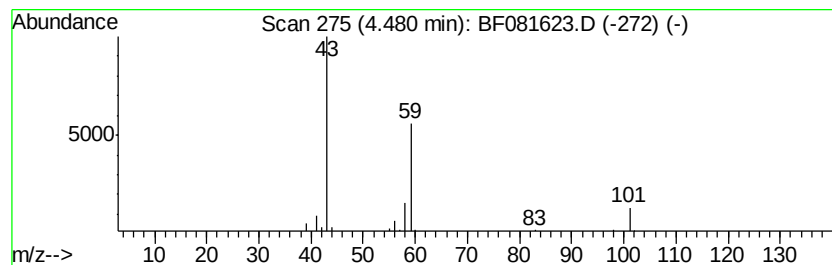
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.48	7.17 ng	106818	1,4-Dichlorobenzene-d4	8.23

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2			3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
3			3-Heptanol, 4-methyl-	130	C8H18O	014979-39-6	33
4			3-Hexanol	102	C6H14O	000623-37-0	33
5			Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9



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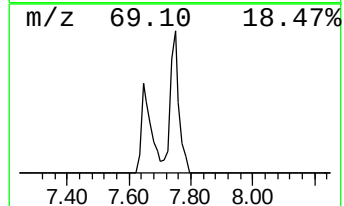
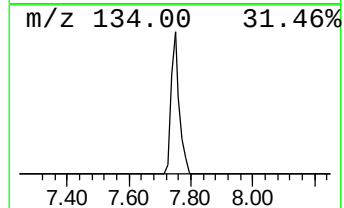
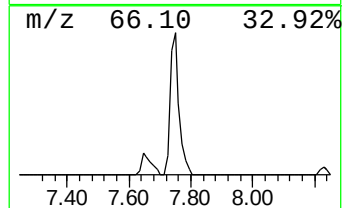
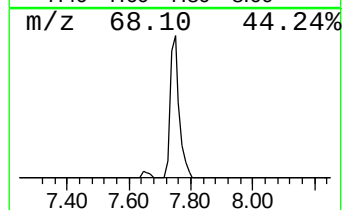
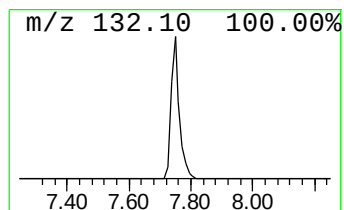
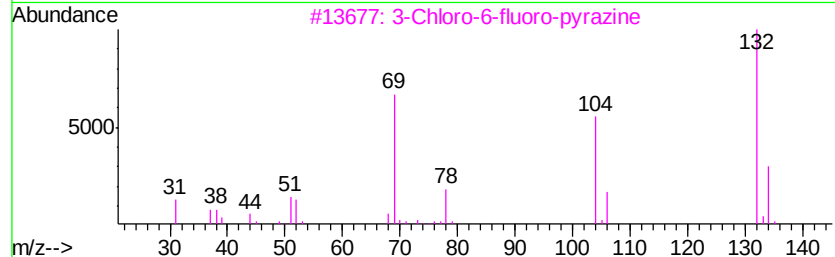
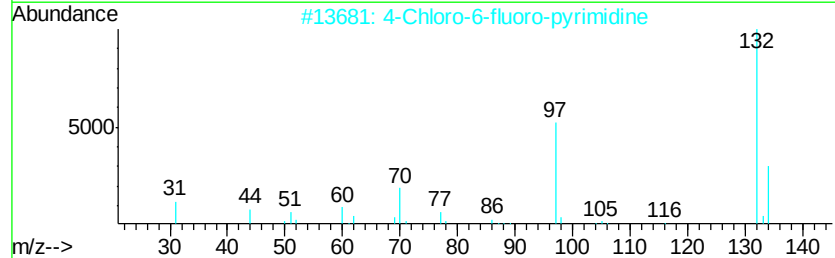
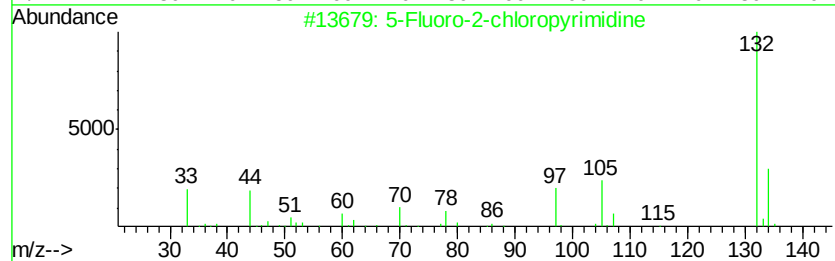
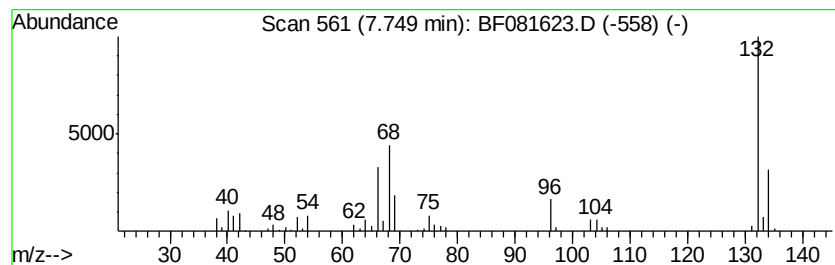
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 unknown7.75 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.75	14.71 ng	219304	1,4-Dichlorobenzene-d4	8.23

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	27
2		4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
3		3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	25
4		1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
5		Pyrazolo(2,3-a)pyridine, 7-methyl-	132	C8H8N2	034760-58-2	10



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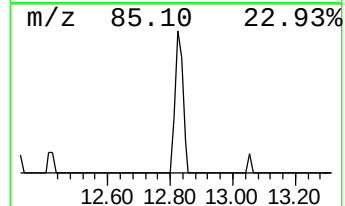
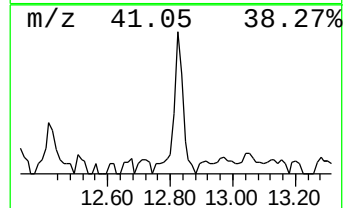
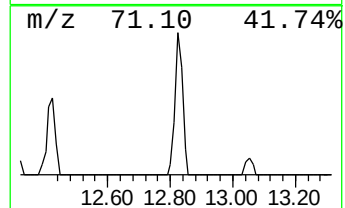
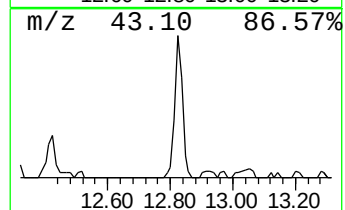
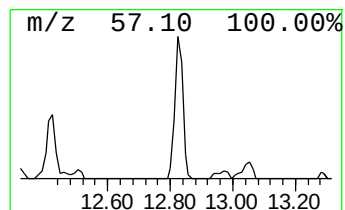
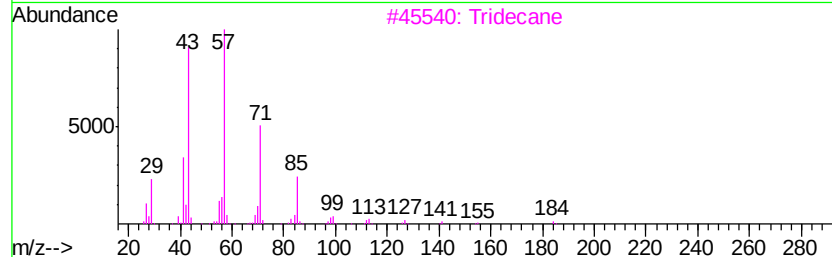
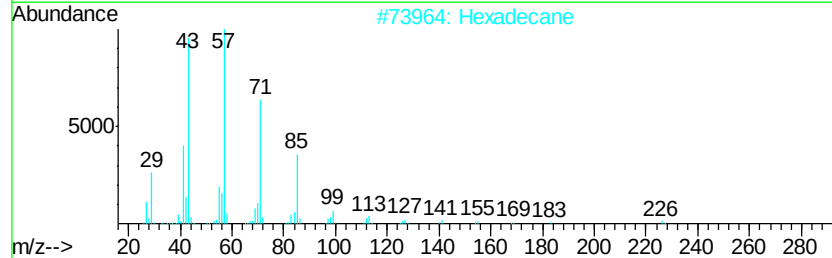
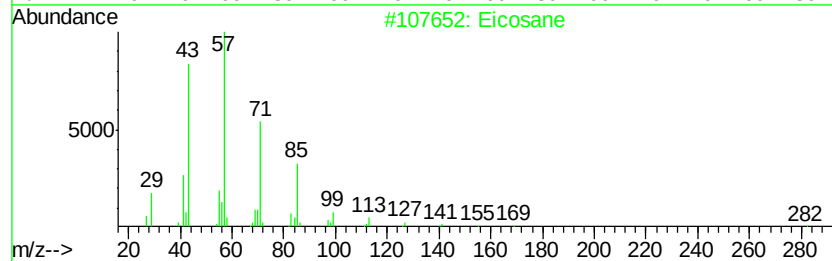
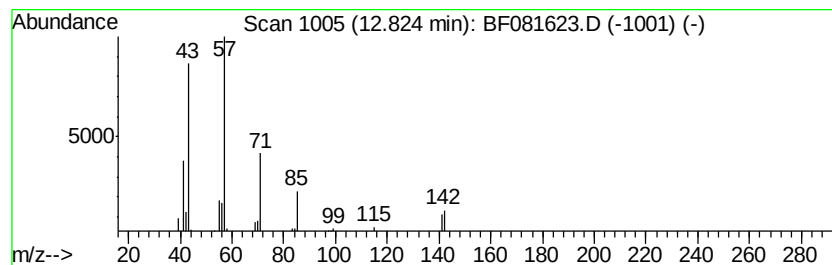
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Eicosane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.82	4.21 ng	82773	Naphthalene-d8	11.13
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Eicosane	282 C20H42	000112-95-8	80
2	Hexadecane	226 C16H34	000544-76-3	72
3	Tridecane	184 C13H28	000629-50-5	72
4	Silane, trichlorooctadecyl-	386 C18H37Cl3Si	000112-04-9	72
5	Tetradecane	198 C14H30	000629-59-4	72



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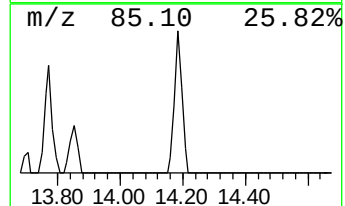
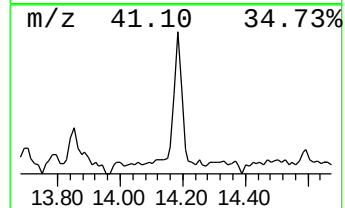
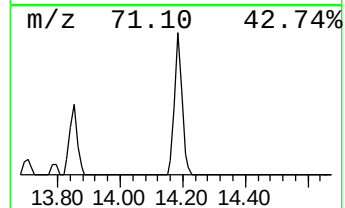
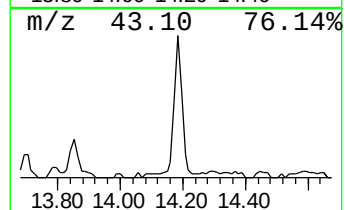
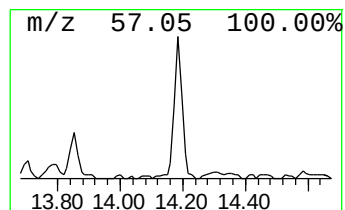
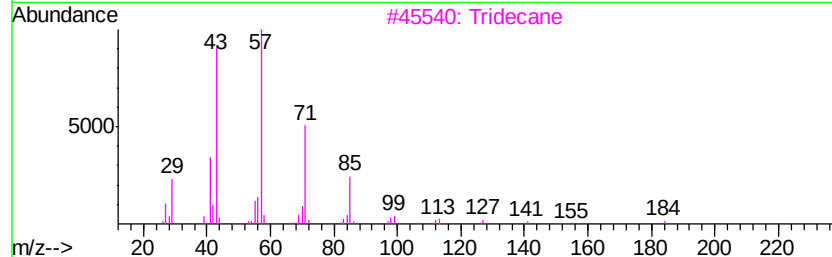
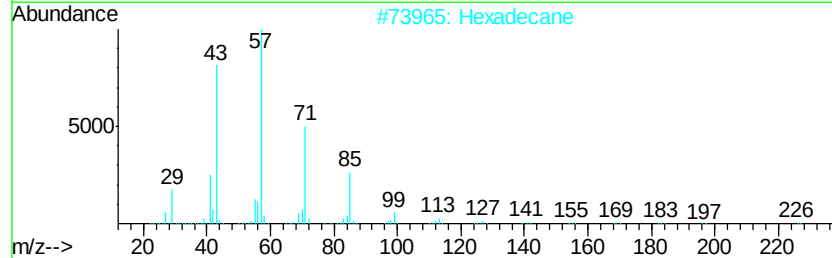
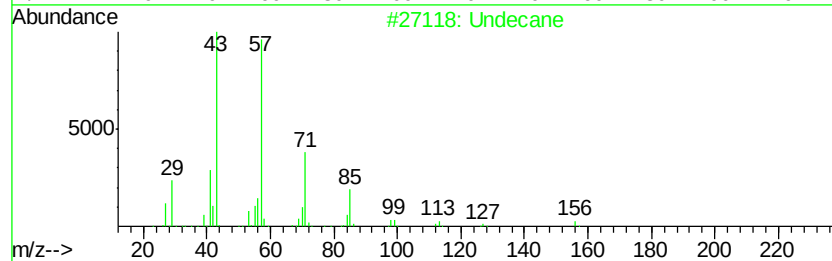
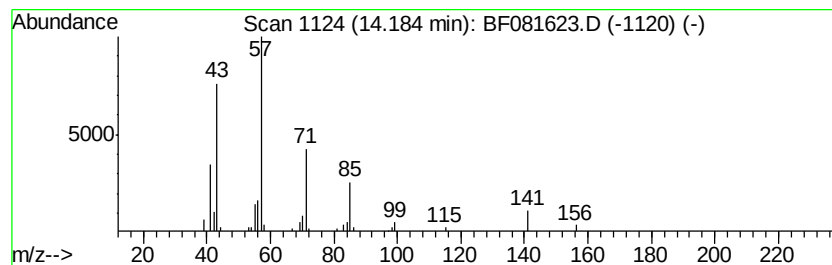
Instrument :
BNA_F
ClientSampleId :
GP-15(0-5)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Undecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD		R.T.
14.18	5.67 ng	104886	Acenaphthene-d10		15.27
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane	156	C11H24	001120-21-4	87
2	Hexadecane	226	C16H34	000544-76-3	86
3	Tridecane	184	C13H28	000629-50-5	78
4	Decane, 2,9-dimethyl-	170	C12H26	001002-17-1	72
5	Heptadecane, 2,6,10,14-tetramethyl-	296	C21H44	018344-37-1	72



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091415\
Data File : BF081623.D
Acq On : 15 Sep 2015 2:45
Operator : UM/IZ
Sample : G3597-15 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
GP-15(0-5)

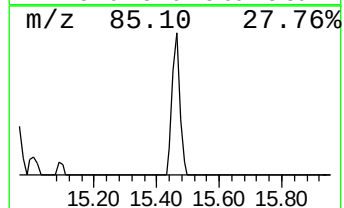
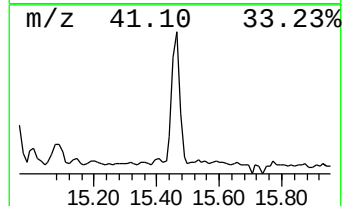
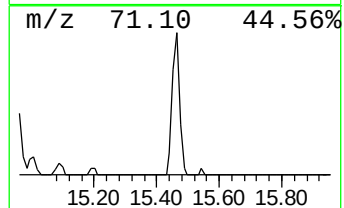
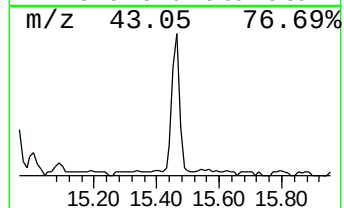
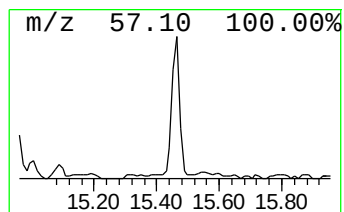
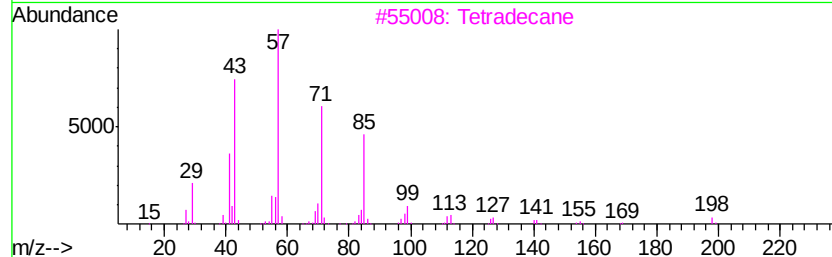
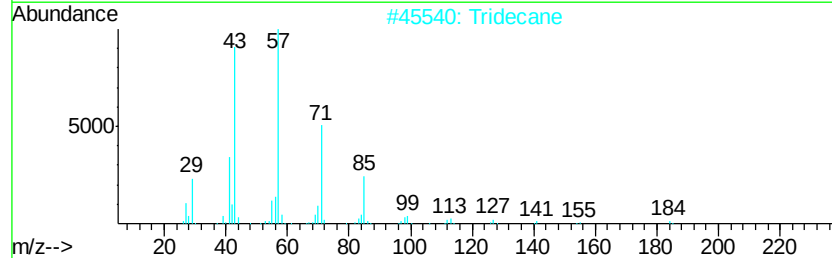
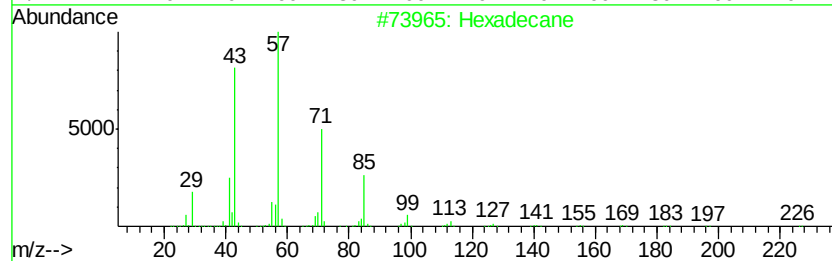
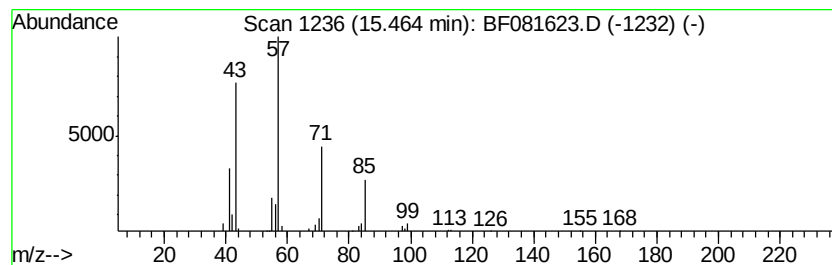
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Hexadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.46	6.04 ng	111798	Acenaphthene-d10	15.27

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane	226	C16H34	000544-76-3	83
2		Tridecane	184	C13H28	000629-50-5	83
3		Tetradecane	198	C14H30	000629-59-4	83
4		Octacosane	394	C28H58	000630-02-4	78
5		Undecane	156	C11H24	001120-21-4	72



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091415\
Data File : BF081623.D
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Operator : UM/IZ
Sample : G3597-15 5X
Misc :
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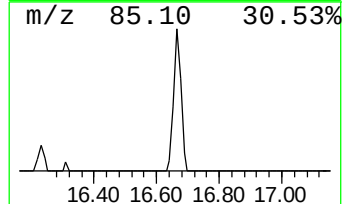
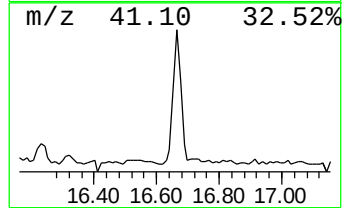
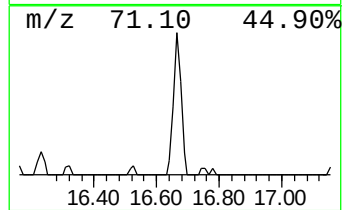
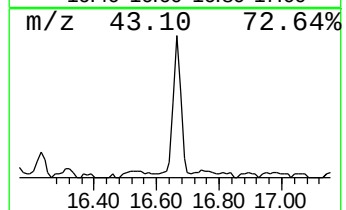
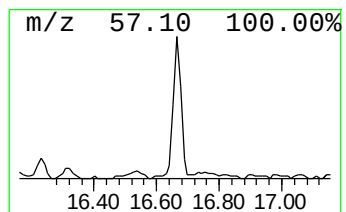
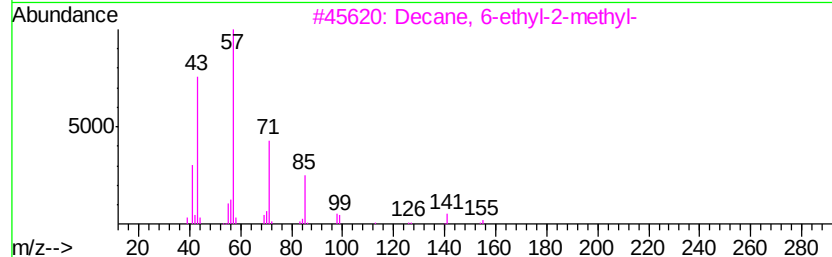
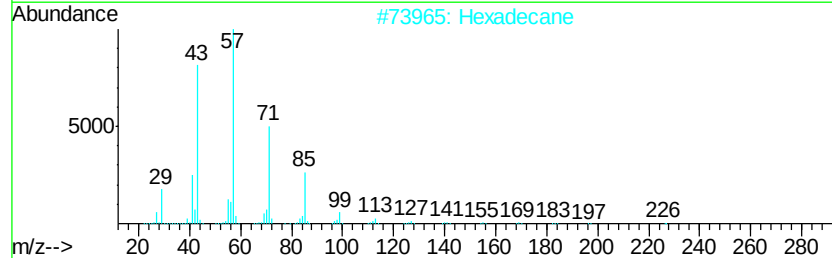
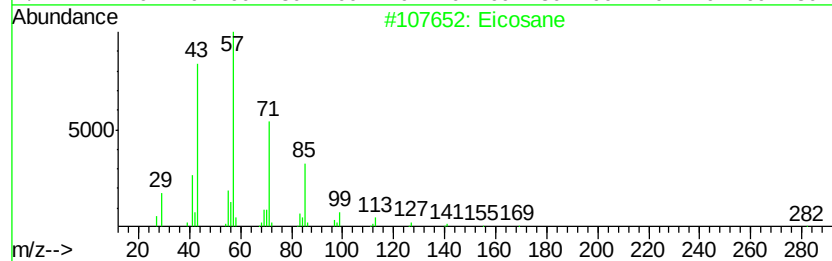
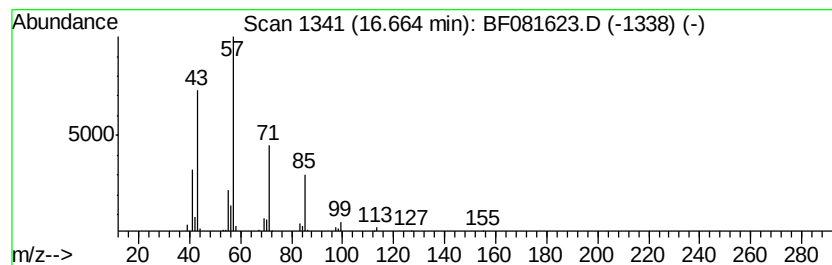
Instrument :
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ClientSampleId :
GP-15(0-5)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Decane, 6-ethyl-2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD		R.T.
16.66	5.86 ng	108493	Acenaphthene-d10		15.27
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	91
2	Hexadecane	226	C16H34	000544-76-3	91
3	Decane, 6-ethyl-2-methyl-	184	C13H28	062108-21-8	86
4	Tridecane	184	C13H28	000629-50-5	86
5	Nonadecane	268	C19H40	000629-92-5	80



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091415\
Data File : BF081623.D
Acq On : 15 Sep 2015 2:45
Operator : UM/IZ
Sample : G3597-15 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
GP-15(0-5)

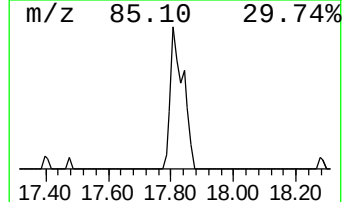
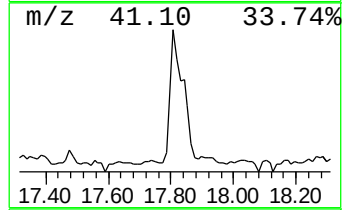
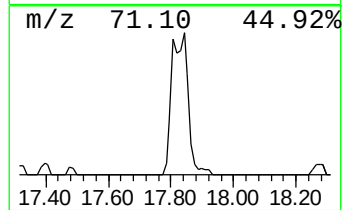
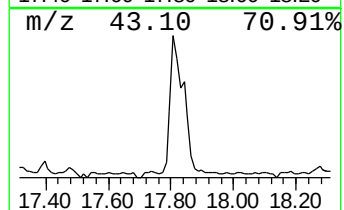
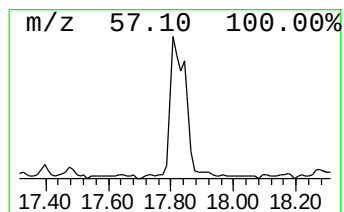
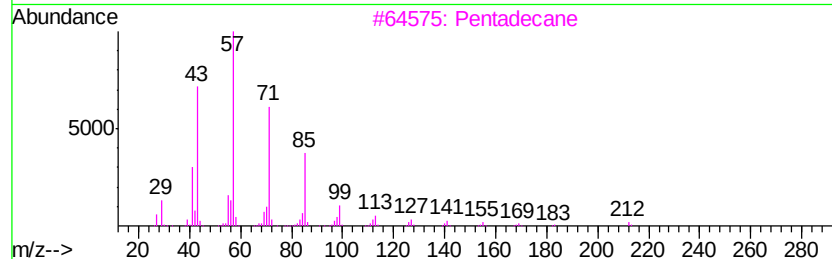
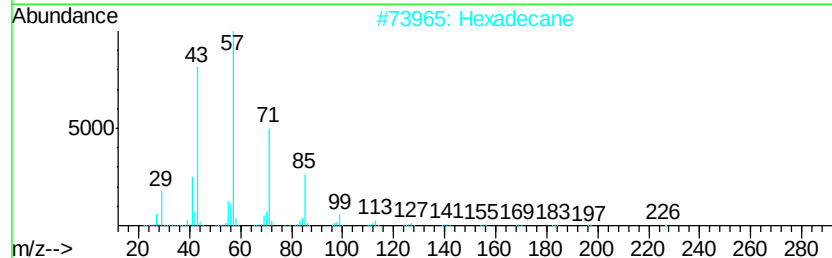
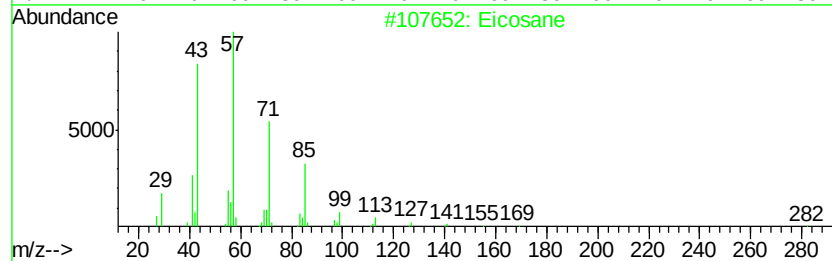
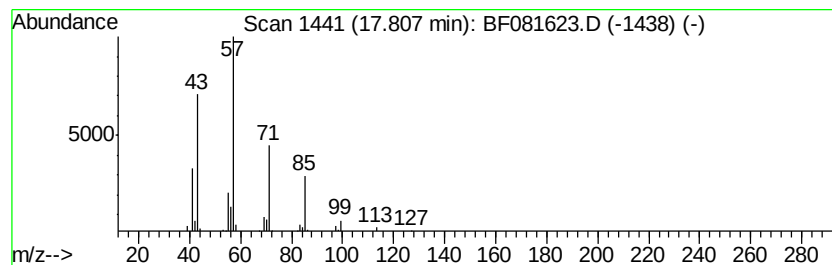
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Pentadecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.81	8.90 ng	147865	Phenanthrene-d10	18.78

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane		282	C20H42	000112-95-8	91
2	Hexadecane		226	C16H34	000544-76-3	90
3	Pentadecane		212	C15H32	000629-62-9	83
4	Tridecane		184	C13H28	000629-50-5	72
5	Decane, 2,4-dimethyl-		170	C12H26	002801-84-5	72



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091415\
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Operator : UM/IZ
Sample : G3597-15 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

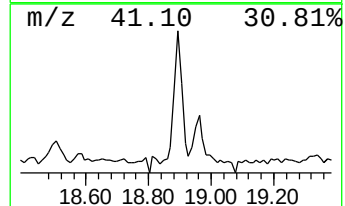
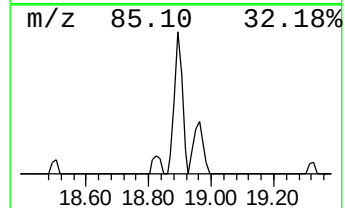
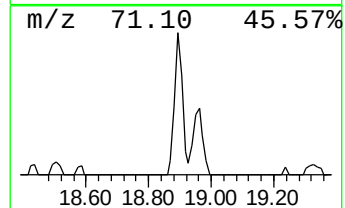
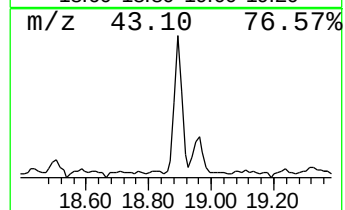
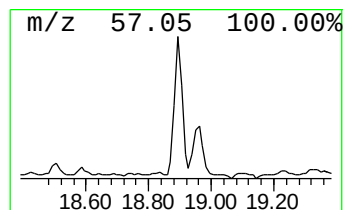
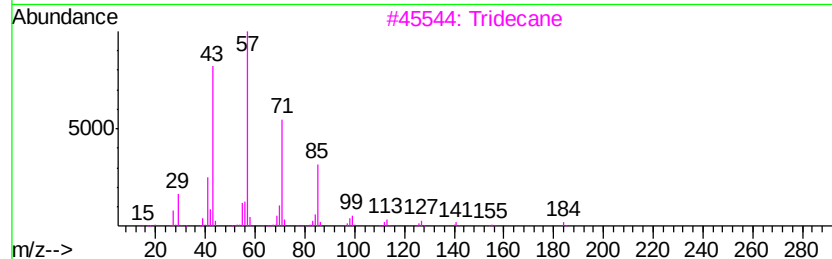
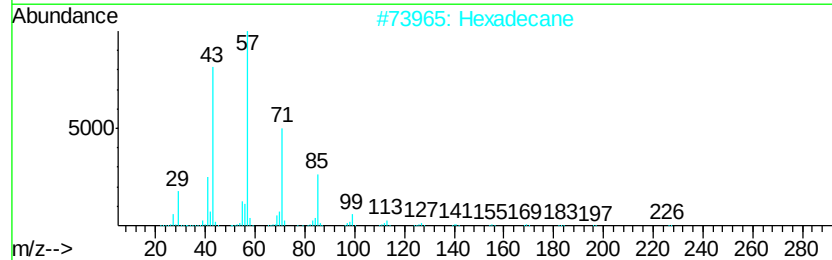
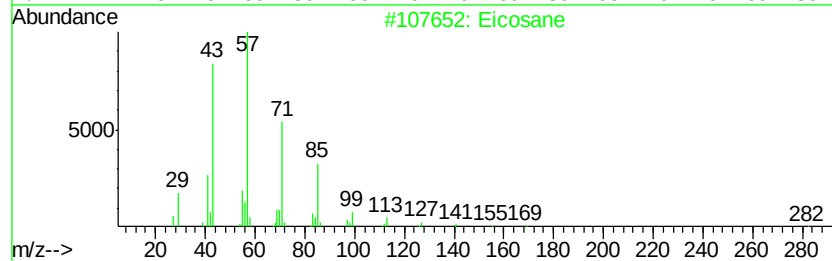
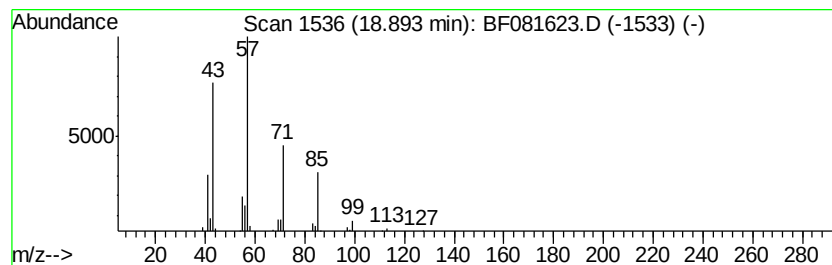
Instrument :
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Tridecane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD		R.T.
18.89	5.49 ng	91140	Phenanthrene-d10		18.78
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	91
2	Hexadecane	226	C16H34	000544-76-3	90
3	Tridecane	184	C13H28	000629-50-5	83
4	Nonadecane	268	C19H40	000629-92-5	72
5	Pentadecane	212	C15H32	000629-62-9	64



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091415\
Data File : BF081623.D
Acq On : 15 Sep 2015 2:45
Operator : UM/IZ
Sample : G3597-15 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
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ClientSampleId :
GP-15(0-5)

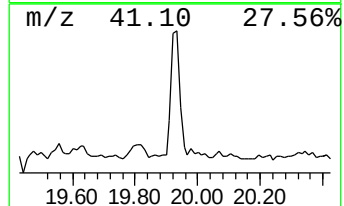
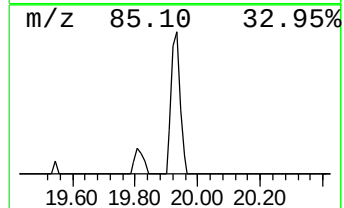
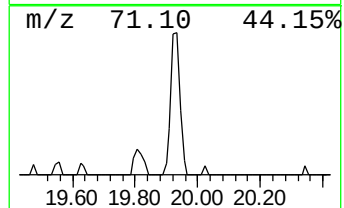
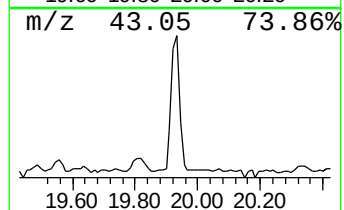
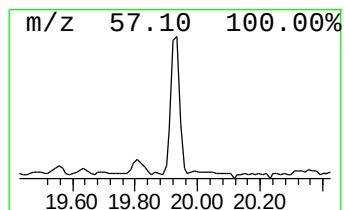
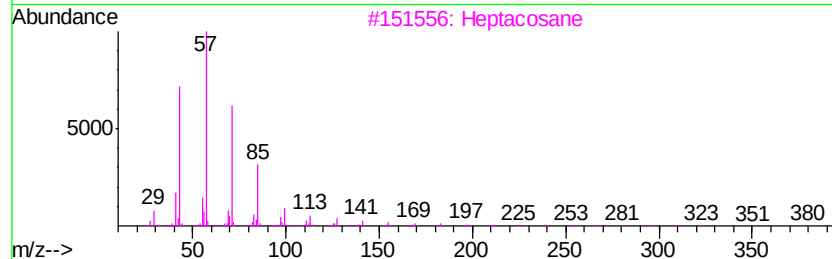
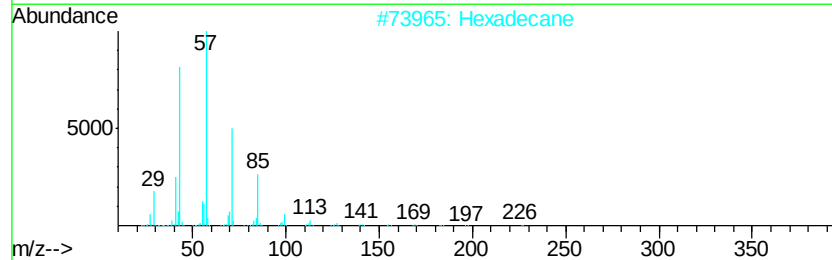
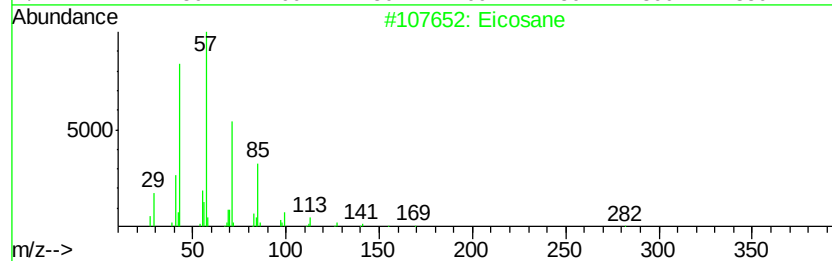
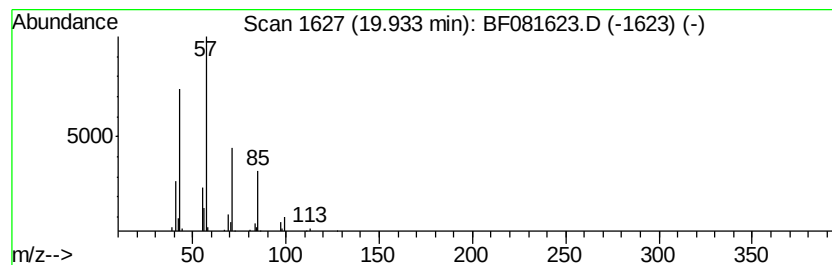
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Heptacosane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.93	4.96 ng	82328	Phenanthrene-d10	18.78

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane			282	C20H42	000112-95-8	91
2	Hexadecane			226	C16H34	000544-76-3	86
3	Heptacosane			380	C27H56	000593-49-7	86
4	Tetradecane			198	C14H30	000629-59-4	80
5	Pentadecane			212	C15H32	000629-62-9	80



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091415\
Data File : BF081623.D
Acq On : 15 Sep 2015 2:45
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Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
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ClientSampleId :
GP-15(0-5)

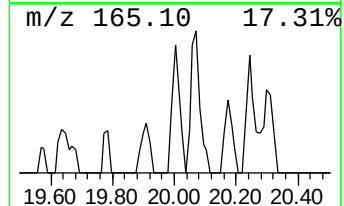
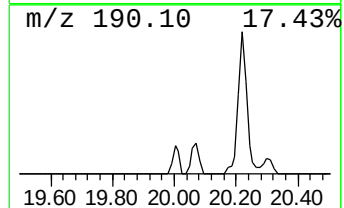
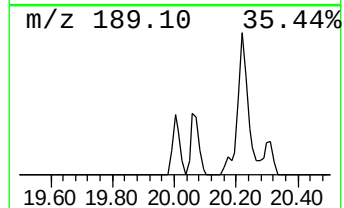
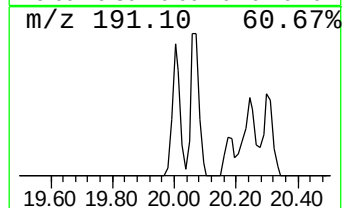
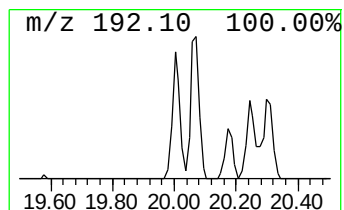
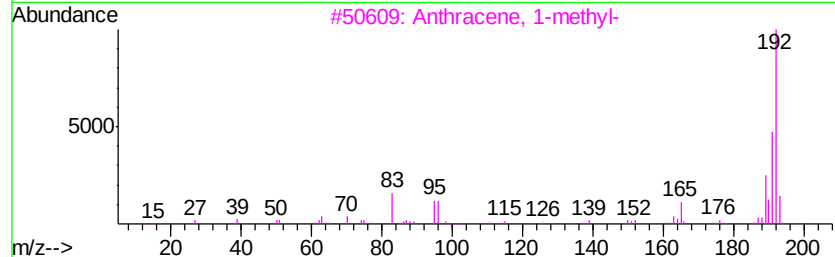
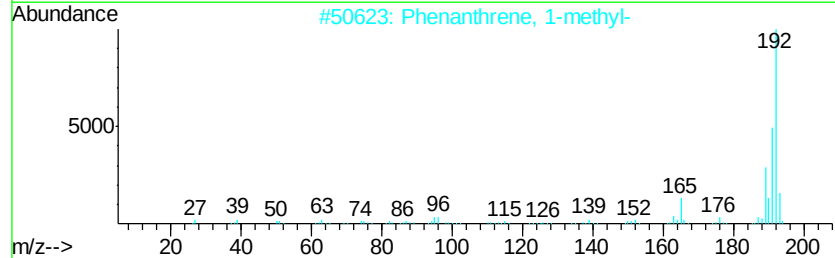
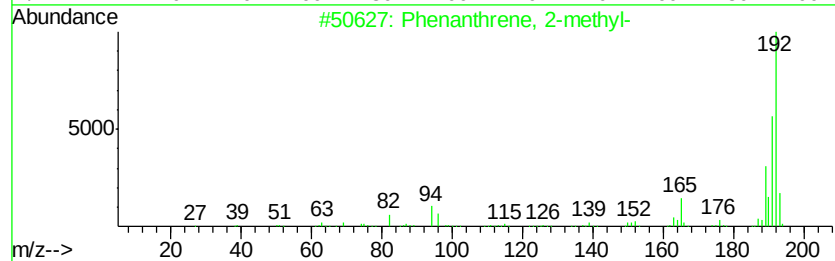
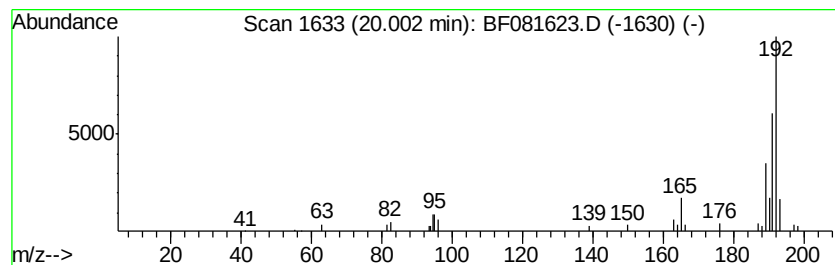
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Phenanthrene, 2-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.00	3.13 ng	51957	Phenanthrene-d10	18.78

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
2		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
3		Anthracene, 1-methyl-	192	C15H12	000610-48-0	93
4		1H-Cyclopropa[l]phenanthrene, 1a, ...	192	C15H12	000949-41-7	93
5		Anthracene, 9-methyl-	192	C15H12	000779-02-2	91



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091415\
Data File : BF081623.D
Acq On : 15 Sep 2015 2:45
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Sample : G3597-15 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
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ClientSampleId :
GP-15(0-5)

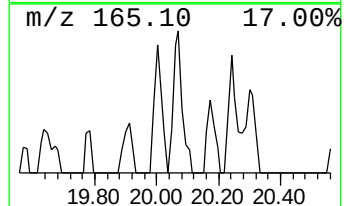
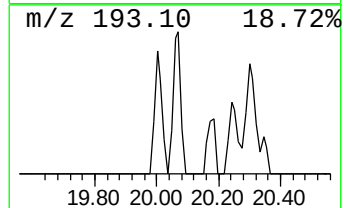
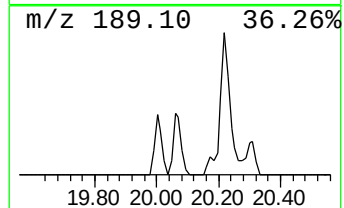
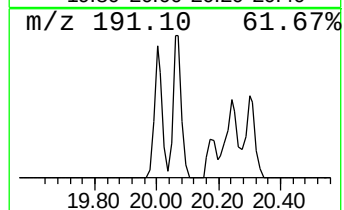
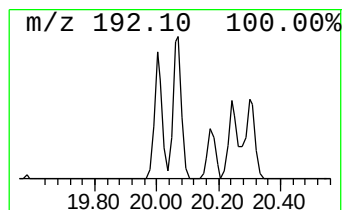
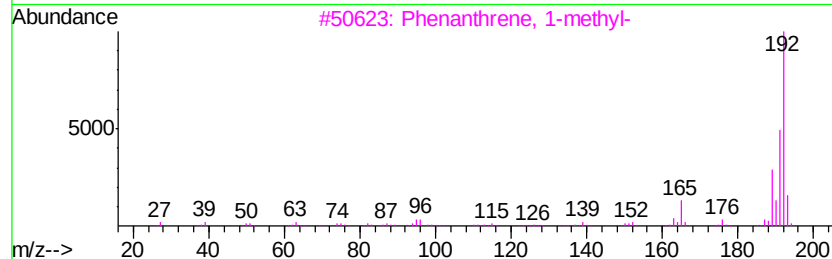
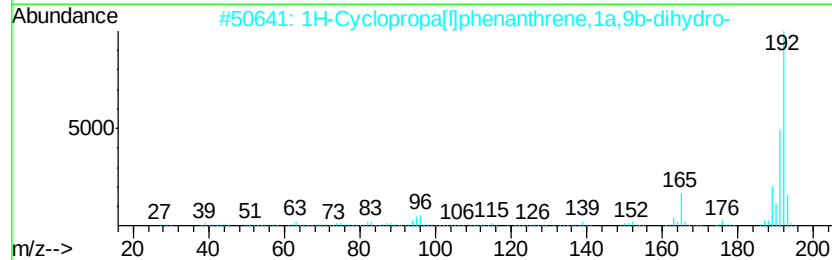
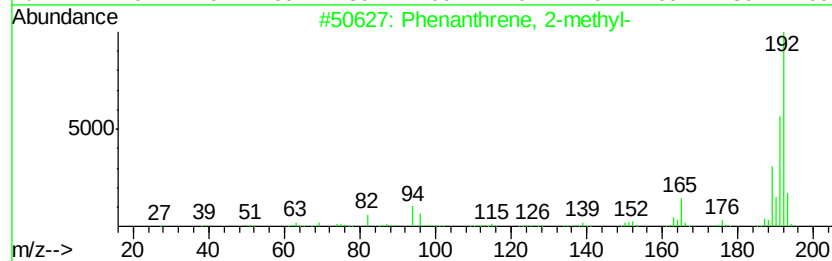
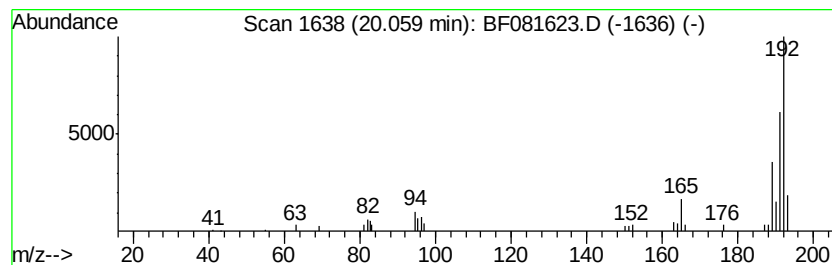
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 1H-Cyclopropa[l]phenanthren... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.06	4.06 ng	67414	Phenanthrene-d10	18.78

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2			1H-Cyclopropa[l]phenanthrene, 1a, ...	192	C15H12	000949-41-7	96
3			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
4			Anthracene, 1-methyl-	192	C15H12	000610-48-0	95
5			Anthracene, 2-methyl-	192	C15H12	000613-12-7	93



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091415\
Data File : BF081623.D
Acq On : 15 Sep 2015 2:45
Operator : UM/IZ
Sample : G3597-15 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
GP-15(0-5)

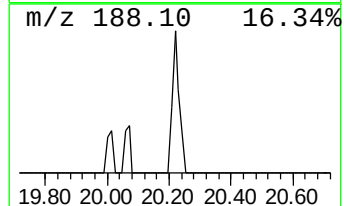
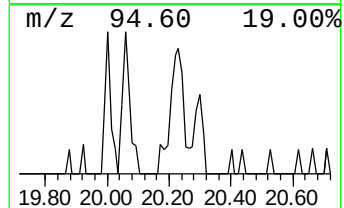
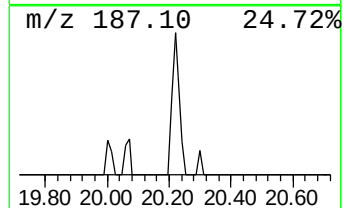
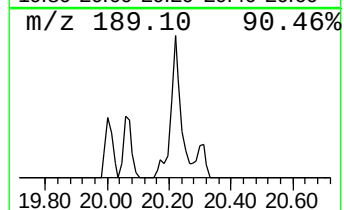
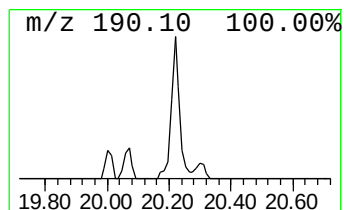
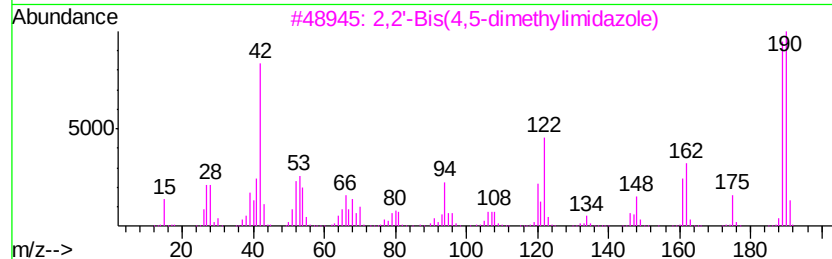
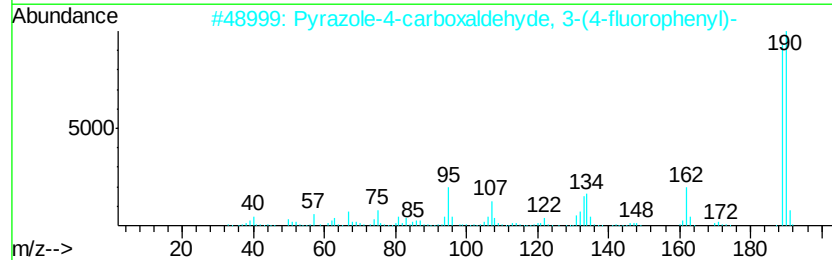
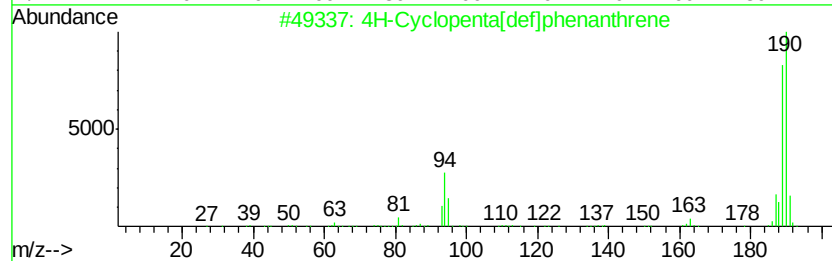
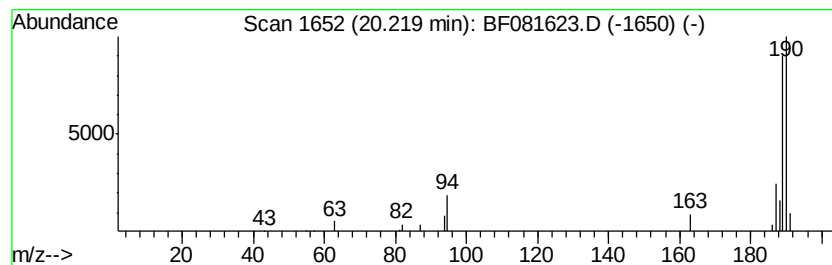
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 4H-Cyclopenta[def]phenanthrene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.22	4.20 ng	69842	Phenanthrene-d10	18.78

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	72
2	Pyrazole-4-carboxaldehyde, 3-(4-...	190	C10H7FN2O	306936-57-2	42
3	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	38
4	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	36
5	3-p-Nitrophenylisoxazole	190	C9H6N2O3	004264-05-5	9



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091415\
Data File : BF081623.D
Acq On : 15 Sep 2015 2:45
Operator : UM/IZ
Sample : G3597-15 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
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ClientSampleId :
GP-15(0-5)

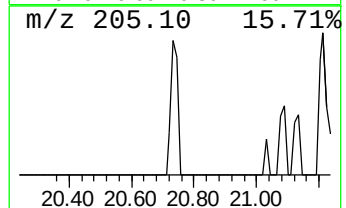
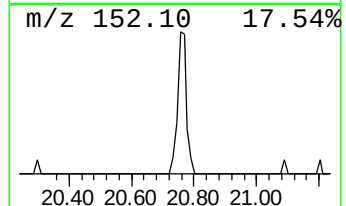
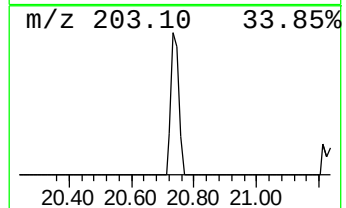
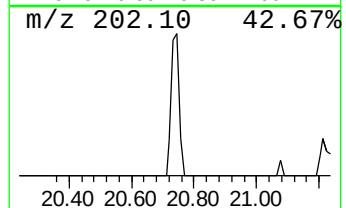
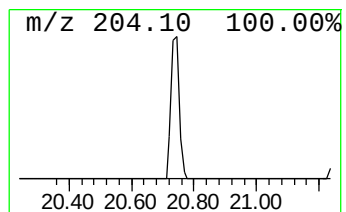
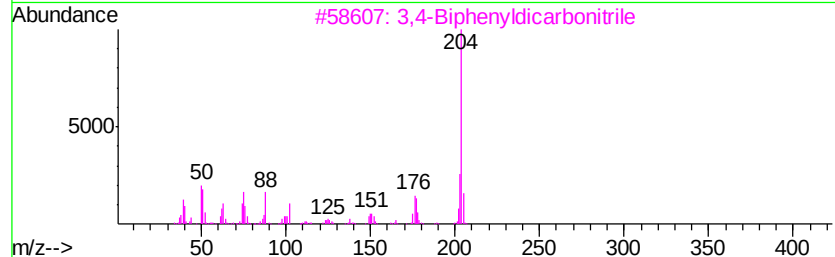
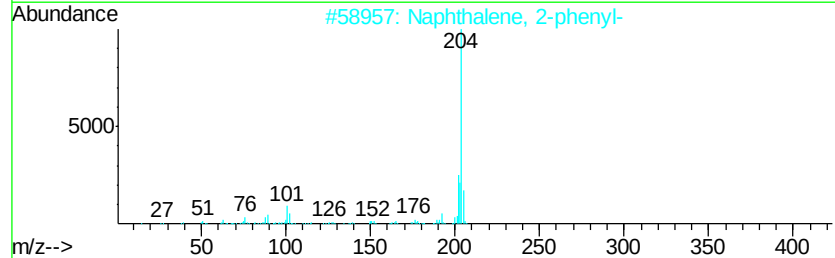
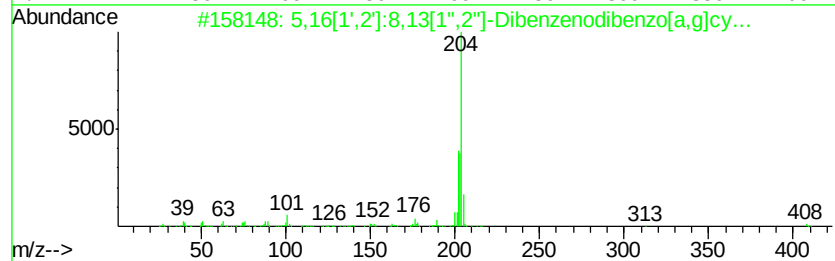
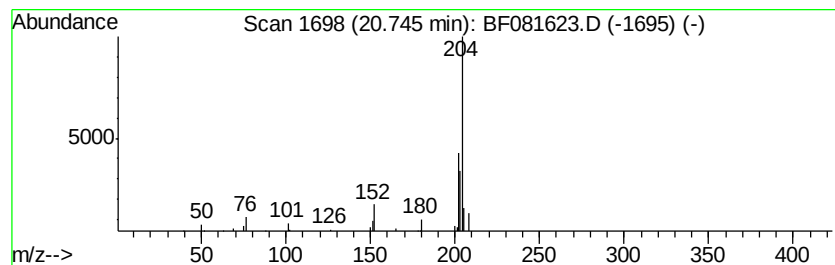
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 5,16[1',2']:8,13[1'',2'']-D... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.74	3.78 ng	62811	Phenanthrene-d10	18.78

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual		
1	5,16	[1',2']	:8,13	[1'',2'']	-Dibenz...	408	C32H24	005672-97-9	59
2	Naphthalene,	2-phenyl-		204	C16H12	000612-94-2	53		
3	3,4-Biphenyl	dicarbonitrile		204	C14H8N2	004128-63-6	50		
4	2-Phenyl	naphthalene		204	C16H12	035465-71-5	49		
5	[1,1'-Biphenyl]	-4,4'-dicarbonitrile		204	C14H8N2	001591-30-6	49		



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091415\
Data File : BF081623.D
Acq On : 15 Sep 2015 2:45
Operator : UM/IZ
Sample : G3597-15 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

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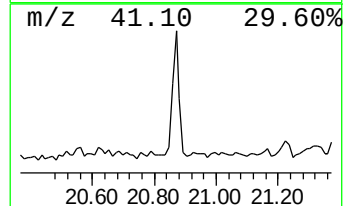
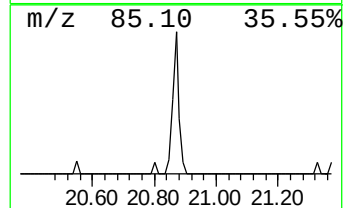
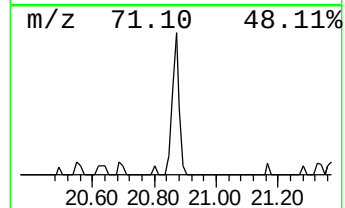
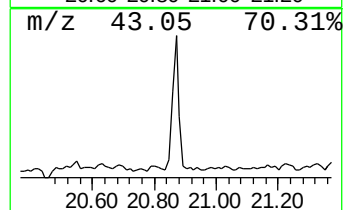
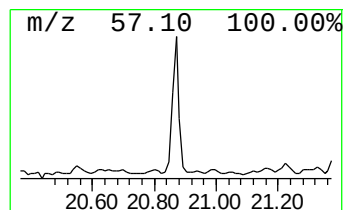
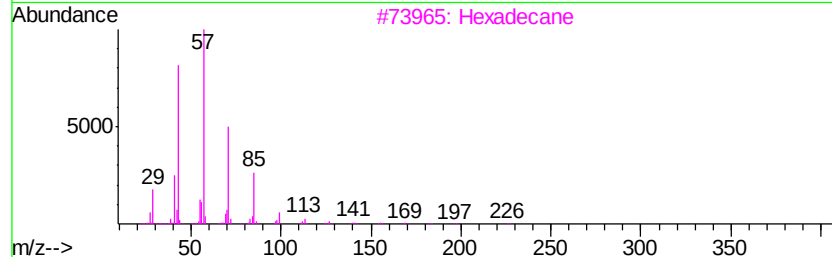
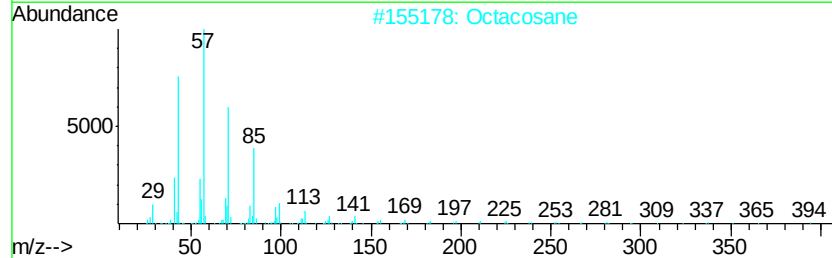
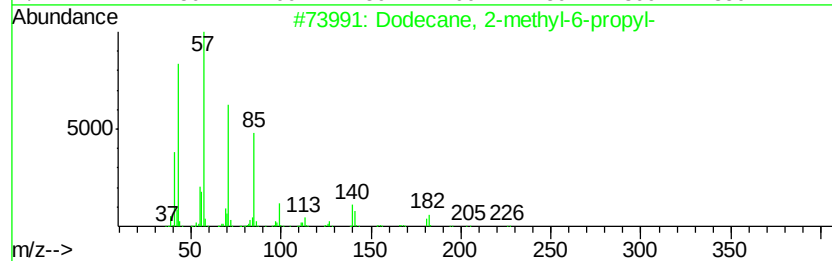
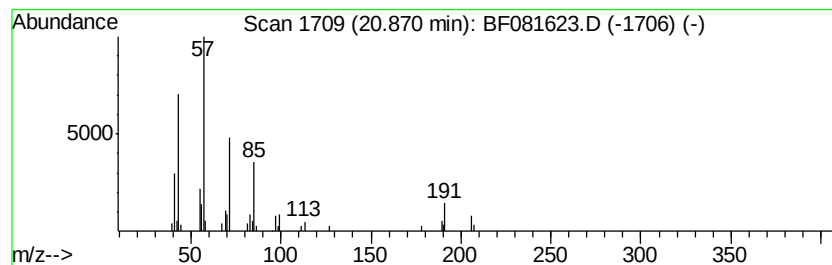
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Dodecane, 2-methyl-6-propyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.87	4.31 ng	71552	Phenanthrene-d10	18.78

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	72
2			Octacosane	394	C28H58	000630-02-4	72
3			Hexadecane	226	C16H34	000544-76-3	72
4			Tetracosane	338	C24H50	000646-31-1	72
5			Eicosane	282	C20H42	000112-95-8	72



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091415\
Data File : BF081623.D
Acq On : 15 Sep 2015 2:45
Operator : UM/IZ
Sample : G3597-15 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
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ClientSampleId :
GP-15(0-5)

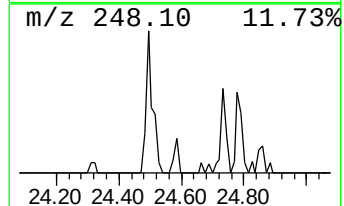
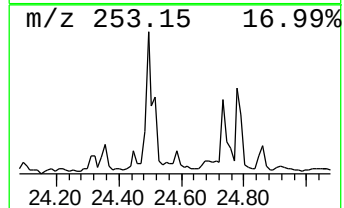
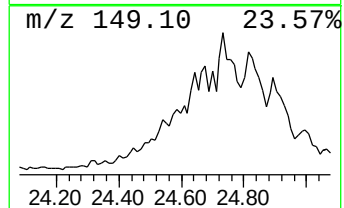
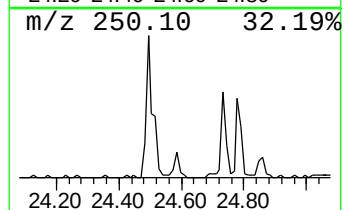
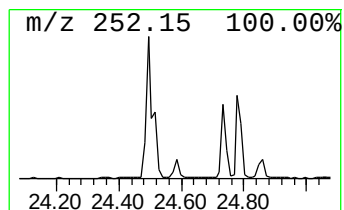
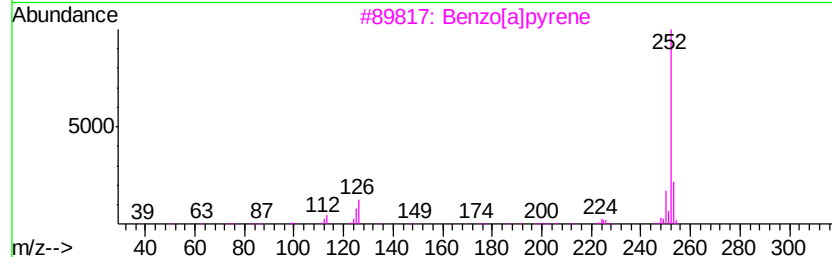
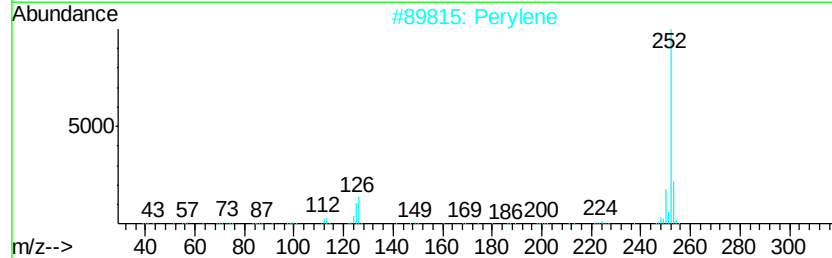
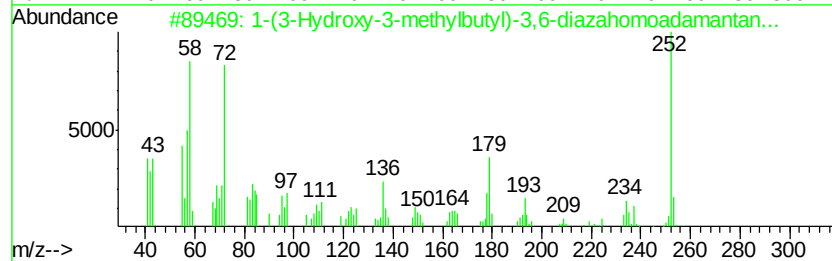
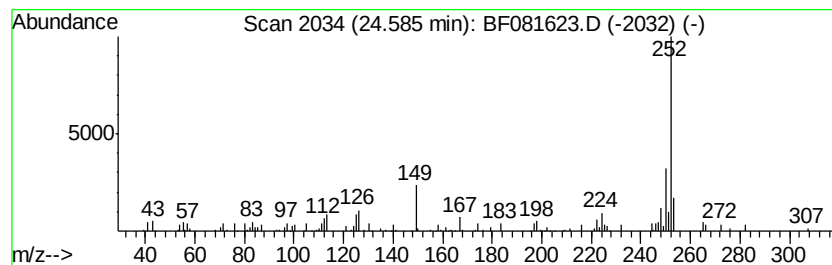
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 1-(3-Hydroxy-3-methylbutyl)... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.58	6.39 ng	138809	Perylene-d12	24.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-(3-Hydroxy-3-methylbutyl)-3,6-...	252	C14H24N2O2	1000216-02-0	50
2		Perylene	252	C20H12	000198-55-0	49
3		Benzo[a]pyrene	252	C20H12	000050-32-8	49
4		(1-Cyclopentenyl)ferrocene	252	C15H16Fe	012260-67-2	47
5		Phenol, 2,4-dibromo-	250	C6H4Br2O	000615-58-7	47



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091415\
Data File : BF081623.D
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Operator : UM/IZ
Sample : G3597-15 5X
Misc :
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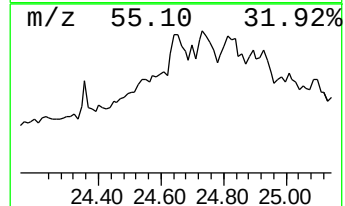
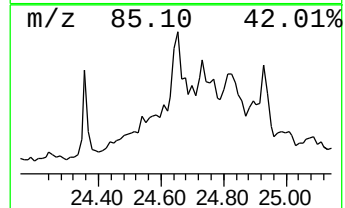
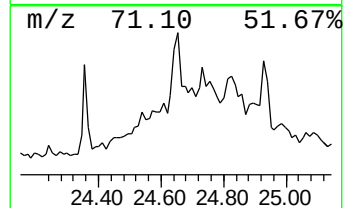
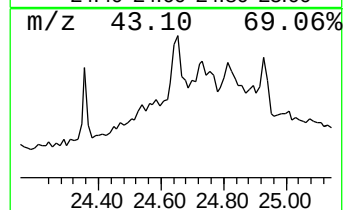
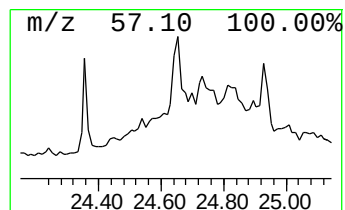
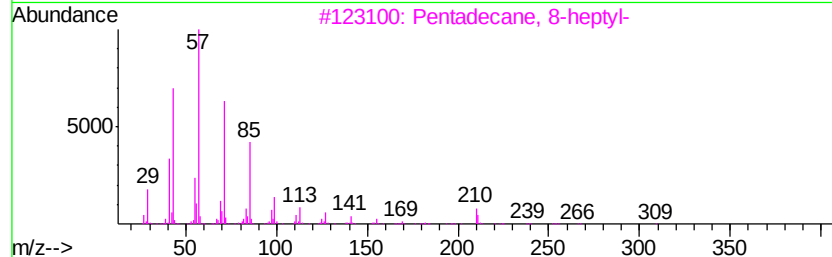
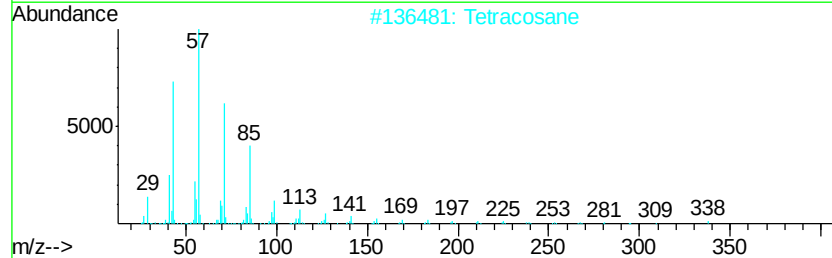
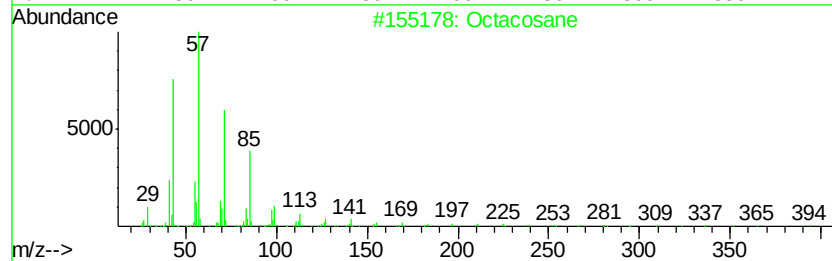
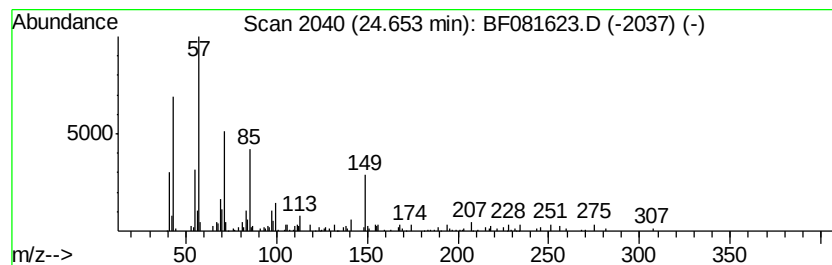
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Octacosane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.65	12.65 ng	274608	Perylene-d12	24.84
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Octacosane	394 C28H58	000630-02-4	68
2	Tetracosane	338 C24H50	000646-31-1	64
3	Pentadecane, 8-heptyl-	310 C22H46	071005-15-7	64
4	Heptadecane, 9-octyl-	352 C25H52	007225-64-1	64
5	Eicosane, 10-methyl-	296 C21H44	054833-23-7	64



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091415\
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Acq On : 15 Sep 2015 2:45
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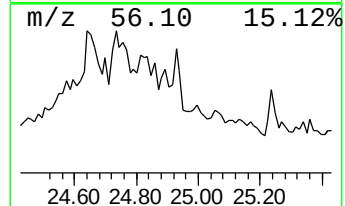
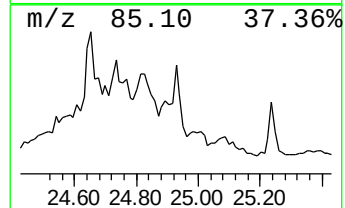
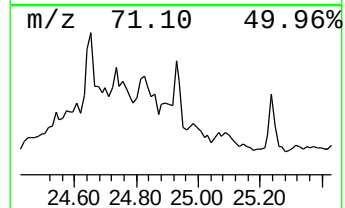
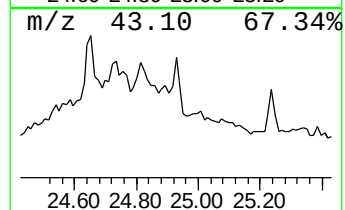
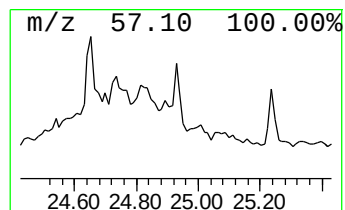
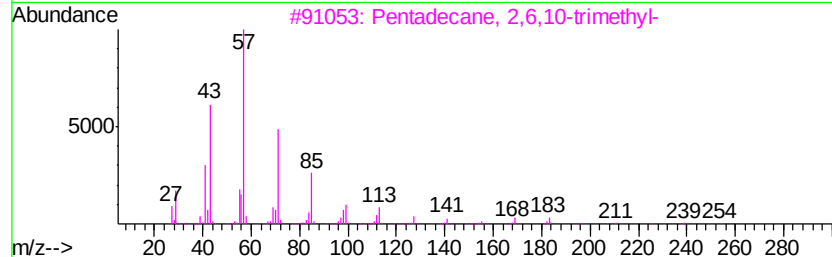
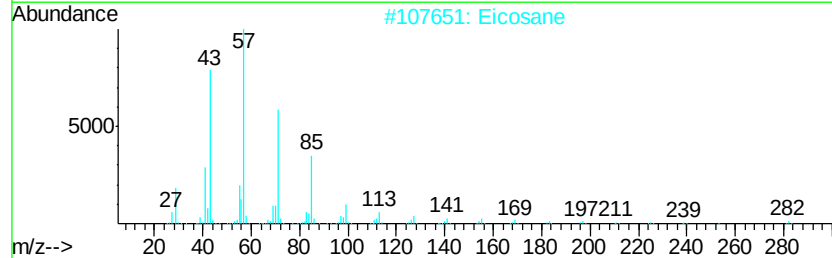
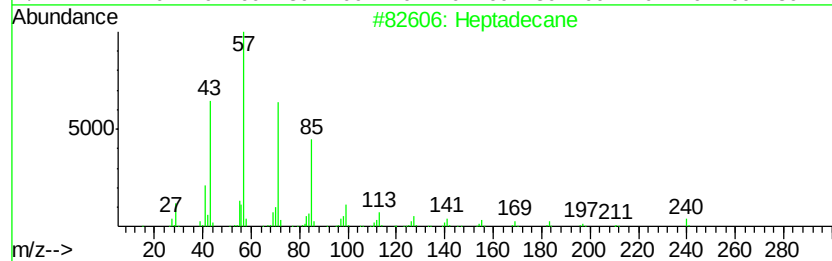
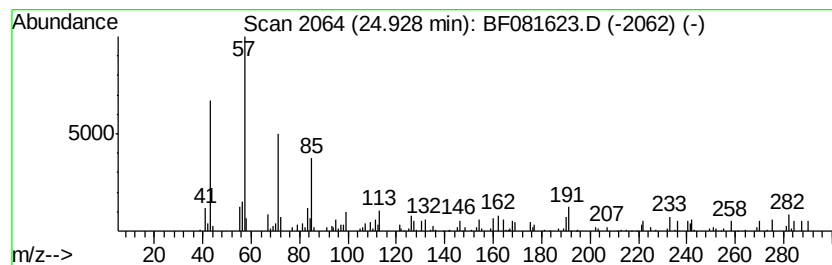
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Pentadecane, 2,6,10-trimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.93	4.47 ng	96969	Perylene-d12	24.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane	240	C17H36	000629-78-7	83
2		Eicosane	282	C20H42	000112-95-8	64
3		Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	60
4		Tetratetracontane	619	C44H90	007098-22-8	49
5		Eicosane, 7-hexyl-	366	C26H54	055333-99-8	47



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091415\
Data File : BF081623.D
Acq On : 15 Sep 2015 2:45
Operator : UM/IZ
Sample : G3597-15 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
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ClientSampleId :
GP-15(0-5)

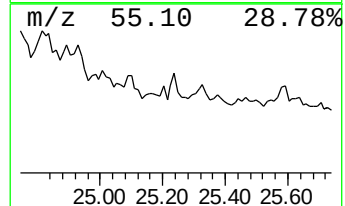
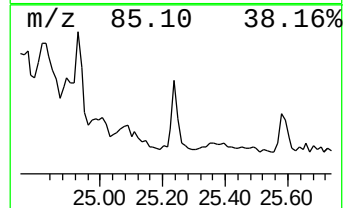
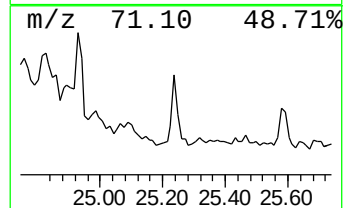
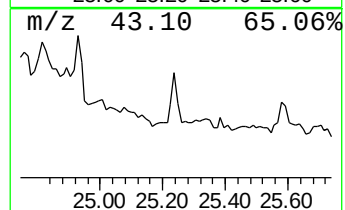
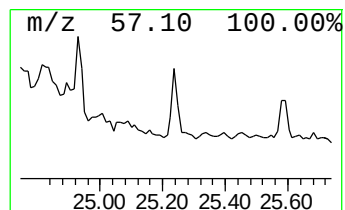
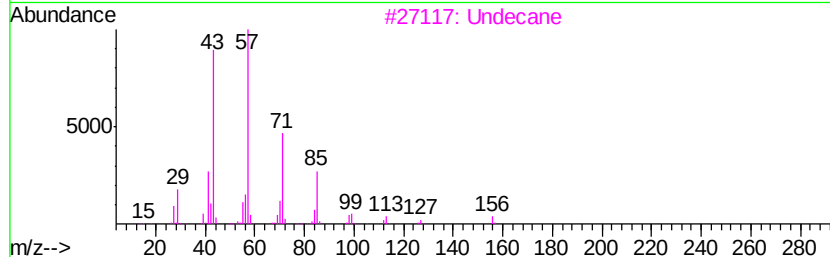
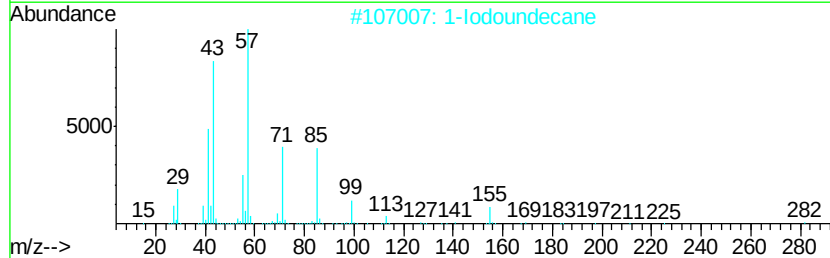
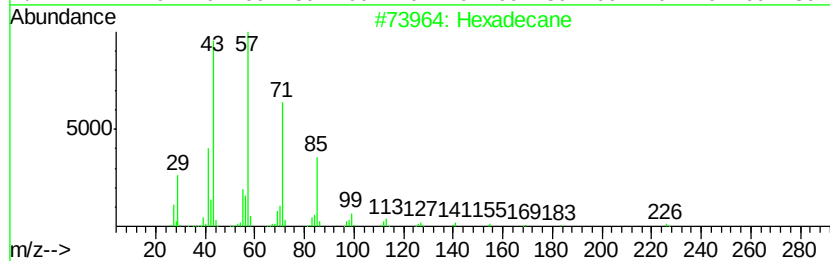
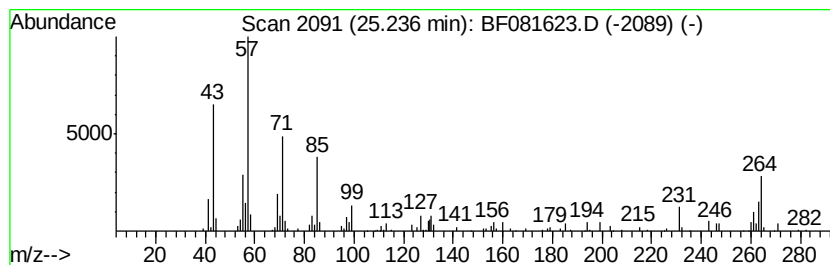
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 unknown25.24 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.24	3.34 ng	72596	Perylene-d12	24.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane	226	C16H34	000544-76-3	50
2		1-Iodoundecane	282	C11H23I	004282-44-4	43
3		Undecane	156	C11H24	001120-21-4	43
4		Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	38
5		Dodecane, 2-methyl-	184	C13H28	001560-97-0	38



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091415\
 Data File : BF081623.D
 Acq On : 15 Sep 2015 2:45
 Operator : UM/IZ
 Sample : G3597-15 5X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GP-15(0-5)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.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
2-Pentanone, 4-hy...	4.48	7.2	ng	106818	1	8.23	298121	20.0
unknown7.75	7.75	14.7	ng	219304	1	8.23	298121	20.0
Eicosane	12.82	4.2	ng	82773	2	11.13	392866	20.0
Undecane	14.18	5.7	ng	104886	3	15.27	370164	20.0
Hexadecane	15.46	6.0	ng	111798	3	15.27	370164	20.0
Decane, 6-ethyl-2...	16.66	5.9	ng	108493	3	15.27	370164	20.0
Pentadecane	17.81	8.9	ng	147865	4	18.78	332290	20.0
Tridecane	18.89	5.5	ng	91140	4	18.78	332290	20.0
Heptacosane	19.93	5.0	ng	82328	4	18.78	332290	20.0
Phenanthrene, 2-m...	20.00	3.1	ng	51957	4	18.78	332290	20.0
1H-Cyclopropa[l]p...	20.06	4.1	ng	67414	4	18.78	332290	20.0
4H-Cyclopenta[def...	20.22	4.2	ng	69842	4	18.78	332290	20.0
5,16[1',2']:8,13[...	20.74	3.8	ng	62811	4	18.78	332290	20.0
Dodecane, 2-methy...	20.87	4.3	ng	71552	4	18.78	332290	20.0
1-(3-Hydroxy-3-me...	24.58	6.4	ng	138809	6	24.84	434313	20.0
Octacosane	24.65	12.7	ng	274608	6	24.84	434313	20.0
Pentadecane, 2,6,...	24.93	4.5	ng	96969	6	24.84	434313	20.0
unknown25.24	25.24	3.3	ng	72596	6	24.84	434313	20.0