

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011215\
 Data File : BF076830.D
 Acq On : 13 Jan 2015 5:19
 Operator : IZ / TP
 Sample : G1030-08 5X
 Misc : S
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP3-SS-2(4-6)

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-BF010915.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	1.487	33	35	43	rBV	128232	207974	4.29%	0.361%
2	7.579	566	568	575	rVB	95021	170677	3.52%	0.296%
3	7.865	589	593	597	rVB	101138	161238	3.33%	0.280%
4	8.082	609	612	616	rBV	118277	191698	3.96%	0.333%
5	9.373	722	725	729	rBV3	97102	164971	3.40%	0.287%
6	9.648	746	749	756	rVB	240722	420670	8.68%	0.731%
7	10.996	860	867	869	rBV	173579	343510	7.09%	0.597%
8	11.042	869	871	878	rVV3	108887	239596	4.94%	0.416%
9	11.248	886	889	892	rVB	302348	482820	9.96%	0.839%
10	12.002	951	955	961	rVB4	52325	174543	3.60%	0.303%
11	12.288	978	980	985	rVB	96828	194530	4.01%	0.338%
12	12.596	1003	1007	1012	rVV4	50379	185997	3.84%	0.323%
13	12.699	1012	1016	1022	rVB2	465536	885224	18.27%	1.538%
14	12.916	1031	1035	1038	rVB2	92923	189284	3.91%	0.329%
15	13.579	1088	1093	1096	rVB3	79683	167957	3.47%	0.292%
16	13.637	1096	1098	1103	rBV2	111088	241693	4.99%	0.420%
17	13.728	1103	1106	1115	rVB	118890	265102	5.47%	0.461%
18	14.071	1132	1136	1141	rVB	421258	756805	15.62%	1.315%
19	14.197	1143	1147	1154	rVB4	77326	283993	5.86%	0.493%
20	14.368	1154	1162	1165	rBV	131503	296838	6.12%	0.516%
21	14.437	1165	1168	1173	rVB2	82940	189484	3.91%	0.329%
22	14.780	1196	1198	1200	rBV	91313	168426	3.48%	0.293%
23	14.837	1200	1203	1205	rVV2	142922	260940	5.38%	0.453%
24	15.122	1225	1228	1232	rVB	170086	303403	6.26%	0.527%
25	15.202	1232	1235	1239	rBV2	201201	351029	7.24%	0.610%
26	15.351	1244	1248	1251	rVB	408239	748641	15.45%	1.300%
27	15.465	1251	1258	1263	rBV3	45911	174925	3.61%	0.304%
28	15.922	1296	1298	1300	rVV	95139	170614	3.52%	0.296%
29	15.980	1300	1303	1307	rVV4	90952	207658	4.28%	0.361%
30	16.128	1312	1316	1322	rVB6	66542	191338	3.95%	0.332%
31	16.323	1330	1333	1336	rBV	222391	301192	6.21%	0.523%
32	16.403	1337	1340	1342	rBV	463117	599213	12.36%	1.041%
33	16.791	1369	1374	1377	rBV3	226433	557495	11.50%	0.968%
34	17.214	1404	1411	1415	rBV	516638	1101839	22.73%	1.914%

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 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	17.294	1415	1418	1420	rVV2	78378	188595	3.89%	0.328%
36	17.523	1435	1438	1440	rVV2	99354	189618	3.91%	0.329%
37	17.580	1440	1443	1445	rVV2	143451	237841	4.91%	0.413%
38	17.694	1448	1453	1457	rBV4	139809	366256	7.56%	0.636%
39	17.854	1464	1467	1468	rBV	196453	270986	5.59%	0.471%
40	17.900	1468	1471	1473	rVV	2637193	3123403	64.45%	5.426%
41	17.934	1473	1474	1475	rVV	178620	195065	4.02%	0.339%
42	17.968	1475	1477	1480	rVB	689294	771345	15.92%	1.340%
43	18.174	1490	1495	1499	rVB4	77149	216314	4.46%	0.376%
44	18.243	1499	1501	1503	rBV	235863	315865	6.52%	0.549%
45	18.494	1521	1523	1526	rVV	272690	390993	8.07%	0.679%
46	18.597	1529	1532	1533	rBV	304458	333698	6.89%	0.580%
47	18.631	1533	1535	1539	rVV	378992	477620	9.86%	0.830%
48	18.700	1539	1541	1542	rVV	156097	208264	4.30%	0.362%
49	18.734	1542	1544	1545	rVV2	385905	576554	11.90%	1.002%
50	18.768	1545	1547	1550	rVB	203814	302493	6.24%	0.525%
51	19.043	1566	1571	1575	rVB3	267259	753950	15.56%	1.310%
52	19.351	1595	1598	1599	rBV	133086	226710	4.68%	0.394%
53	19.546	1611	1615	1617	rBV	3675317	4846466	100.00%	8.419%
54	19.717	1628	1630	1634	rVV2	137608	234149	4.83%	0.407%
55	19.820	1636	1639	1641	rVV	2938535	4456634	91.96%	7.742%
56	19.900	1644	1646	1648	rVV	173365	192885	3.98%	0.335%
57	19.991	1652	1654	1655	rBV	202562	252071	5.20%	0.438%
58	20.026	1655	1657	1659	rVB	301556	403928	8.33%	0.702%
59	20.071	1659	1661	1664	rBV2	156795	306719	6.33%	0.533%
60	20.129	1664	1666	1667	rVV	155470	201625	4.16%	0.350%
61	20.254	1672	1677	1679	rVV2	377795	775040	15.99%	1.346%
62	20.346	1682	1685	1687	rVV	353449	416036	8.58%	0.723%
63	20.380	1687	1688	1694	rVV3	264828	590024	12.17%	1.025%
64	20.494	1694	1698	1699	rVV4	170978	344615	7.11%	0.599%
65	20.803	1718	1725	1728	rBV5	118509	367491	7.58%	0.638%
66	20.894	1728	1733	1737	rBV2	305697	564410	11.65%	0.980%
67	21.032	1742	1745	1747	rBV	374409	451313	9.31%	0.784%
68	21.077	1747	1749	1751	rVV2	304044	459629	9.48%	0.798%
69	21.123	1751	1753	1755	rVV2	171662	229619	4.74%	0.399%
70	21.169	1755	1757	1760	rVB	298415	384682	7.94%	0.668%
71	21.249	1760	1764	1766	rVB	107328	182795	3.77%	0.318%

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72	21.340	1767	1772	1774	rBV	1667224	3052252	62.98%	5.302%
73	21.386	1774	1776	1778	rVV2	1600460	2191913	45.23%	3.808%
74	21.466	1781	1783	1786	rBV	282866	398512	8.22%	0.692%
75	21.603	1792	1795	1797	rVB2	300563	399962	8.25%	0.695%
76	21.649	1797	1799	1804	rBV	227974	397967	8.21%	0.691%
77	21.786	1806	1811	1813	rBV3	82137	215069	4.44%	0.374%
78	21.843	1813	1816	1818	rBV	300057	451610	9.32%	0.785%
79	21.946	1822	1825	1826	rBV2	124087	209379	4.32%	0.364%
80	22.003	1826	1830	1832	rVV3	133774	384328	7.93%	0.668%
81	22.232	1846	1850	1852	rBV2	139779	274497	5.66%	0.477%
82	22.426	1863	1867	1870	rVB2	68628	185741	3.83%	0.323%
83	22.609	1879	1883	1888	rBV	1556179	3577690	73.82%	6.215%
84	22.712	1888	1892	1894	rVB2	364391	520205	10.73%	0.904%
85	22.826	1899	1902	1903	rBV2	128783	244819	5.05%	0.425%
86	22.906	1906	1909	1911	rBV	713136	1091938	22.53%	1.897%
87	22.963	1911	1914	1917	rVB	1434997	1679557	34.66%	2.918%
88	23.020	1917	1919	1920	rBV	186074	293493	6.06%	0.510%
89	23.043	1920	1921	1923	rVB	429588	405546	8.37%	0.704%
90	23.192	1931	1934	1936	rBV3	107482	292292	6.03%	0.508%
91	23.306	1941	1944	1946	rBV2	95700	217036	4.48%	0.377%
92	23.935	1995	1999	2004	rVB6	113426	386500	7.97%	0.671%
93	24.038	2005	2008	2012	rBV2	206974	412414	8.51%	0.716%
94	24.163	2015	2019	2023	rVB2	707541	1314657	27.13%	2.284%
95	24.289	2028	2030	2032	rBV2	161246	316030	6.52%	0.549%
96	24.472	2042	2046	2049	rBV	541444	889227	18.35%	1.545%
97	24.632	2056	2060	2067	rVB3	179839	467111	9.64%	0.811%
98	26.026	2174	2182	2187	rBV2	166990	638445	13.17%	1.109%
99	26.152	2189	2193	2196	rBV	101846	289530	5.97%	0.503%
100	26.781	2243	2248	2249	rBV2	79877	211003	4.35%	0.367%

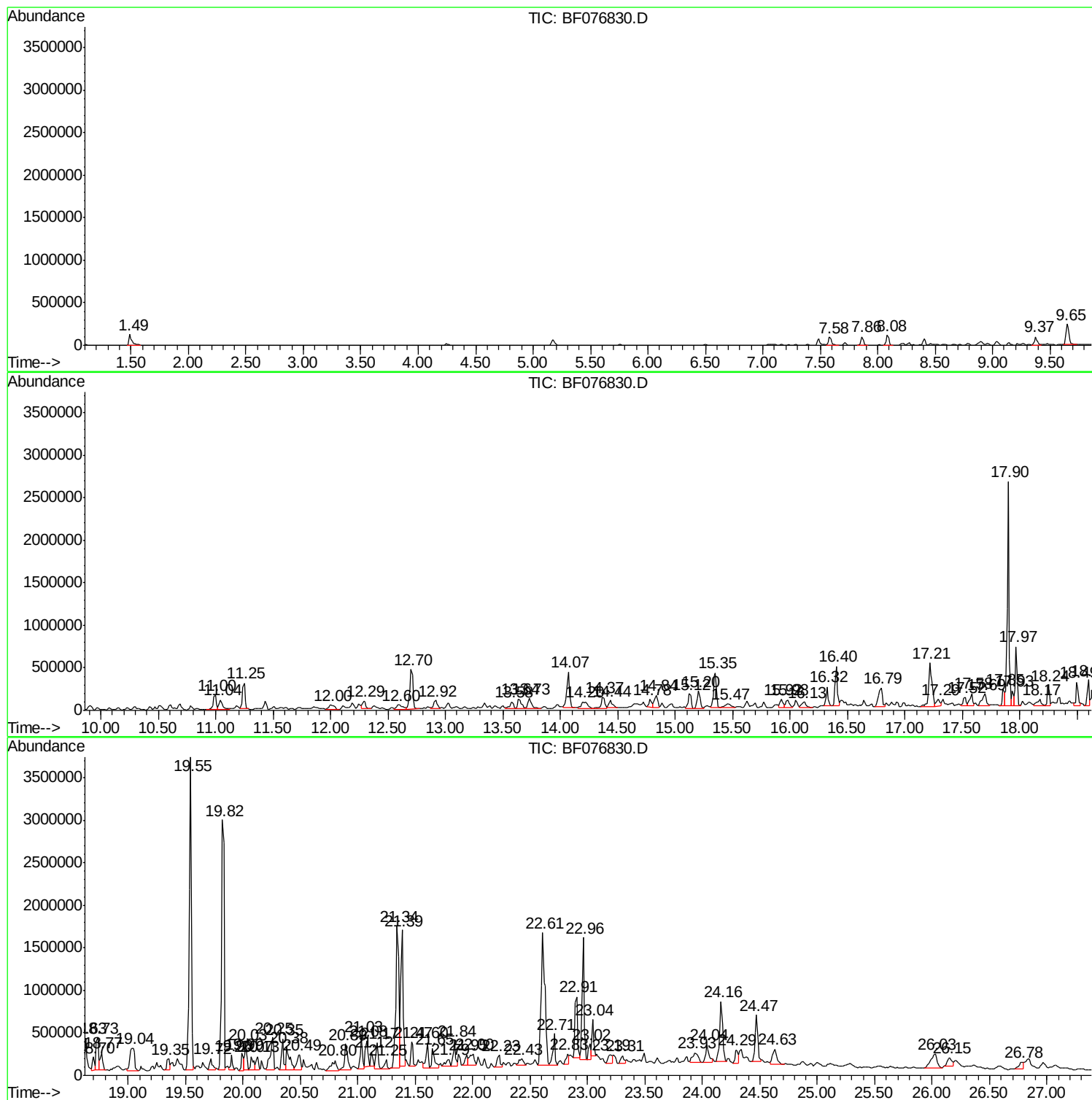
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ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF010915.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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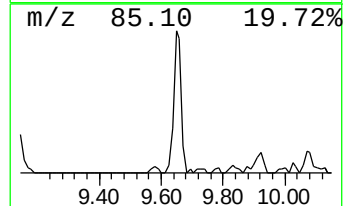
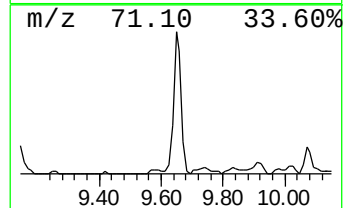
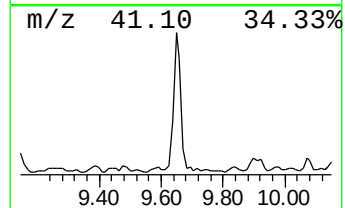
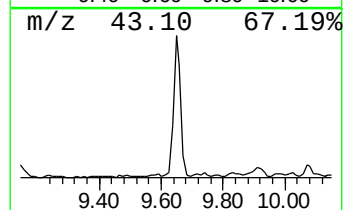
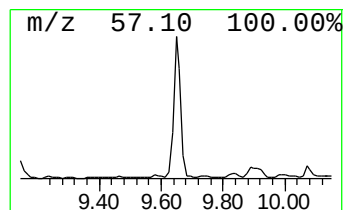
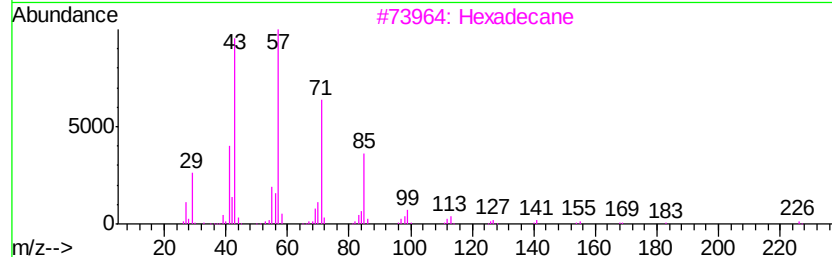
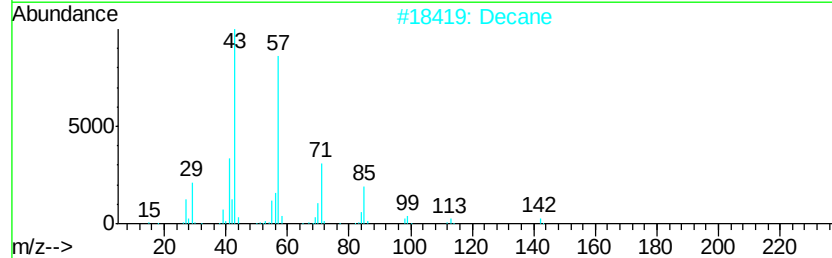
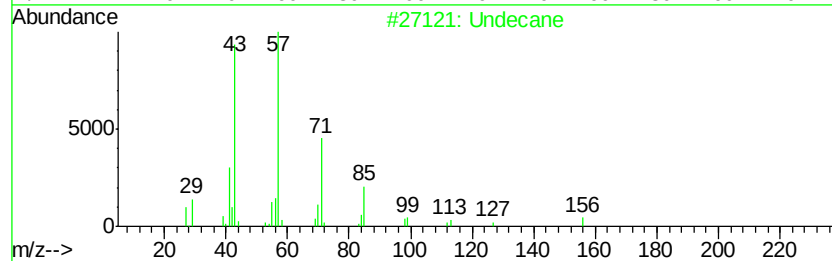
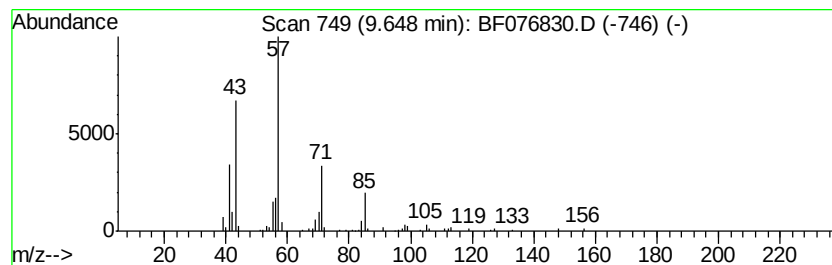
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF010915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 Undecane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.65	24.49 ng	420670	Napthalene-d8	11.00

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane		156	C11H24	001120-21-4	91
2	Decane		142	C10H22	000124-18-5	78
3	Hexadecane		226	C16H34	000544-76-3	72
4	Tridecane		184	C13H28	000629-50-5	64
5	Tetradecane		198	C14H30	000629-59-4	64



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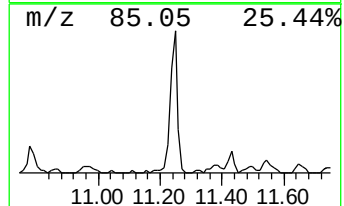
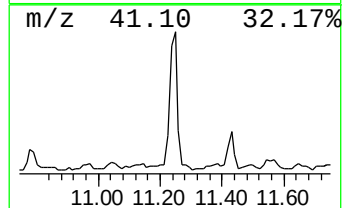
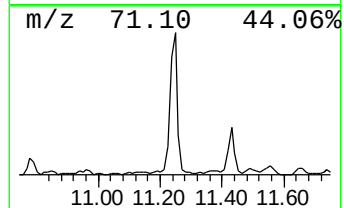
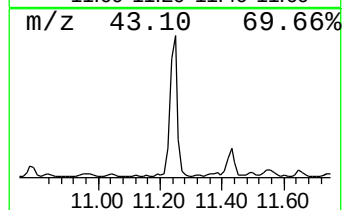
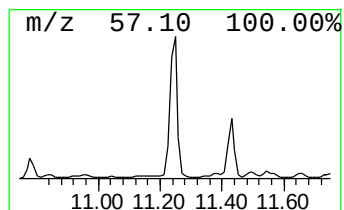
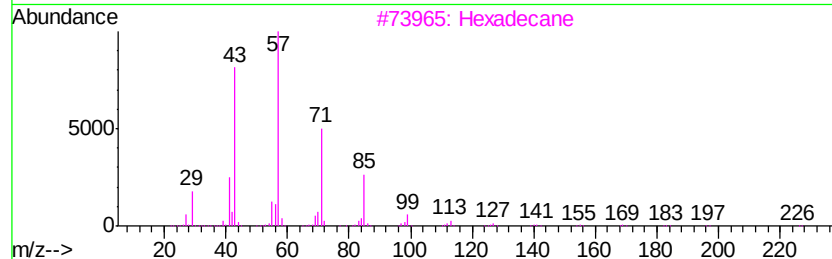
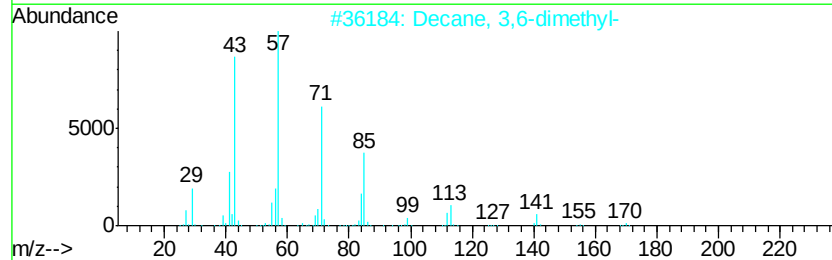
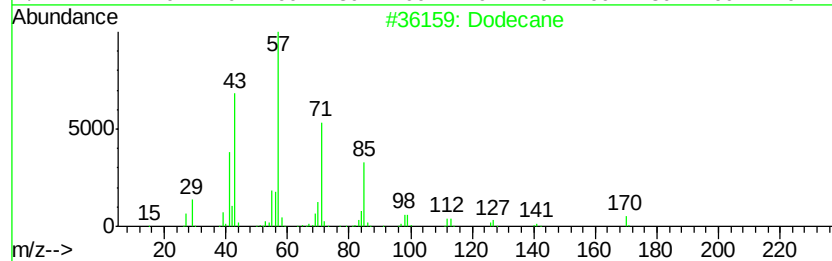
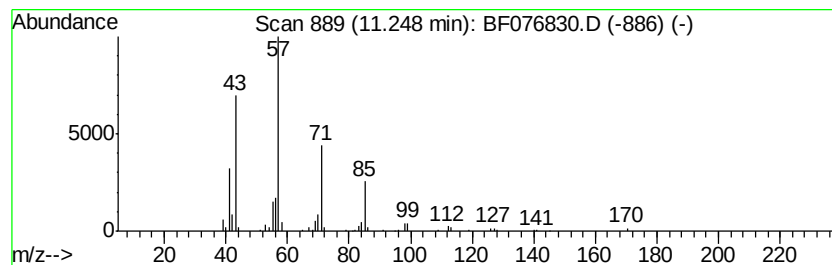
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF010915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 Dodecane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.25	28.11 ng	482820	Napthalene-d8	11.00

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane	170	C12H26	000112-40-3	95
2		Decane, 3,6-dimethyl-	170	C12H26	017312-53-7	80
3		Hexadecane	226	C16H34	000544-76-3	80
4		Undecane, 5-methyl-	170	C12H26	001632-70-8	72
5		Tridecane	184	C13H28	000629-50-5	72



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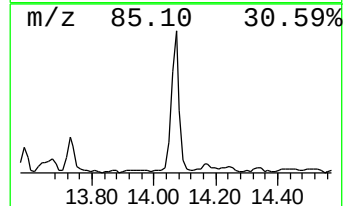
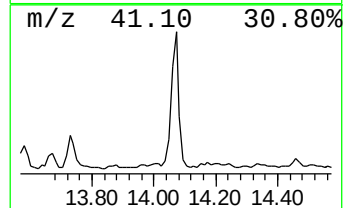
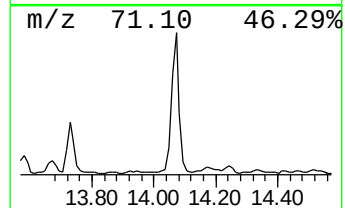
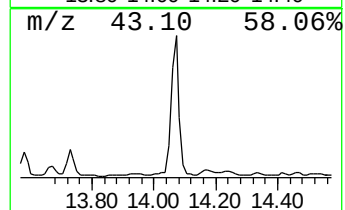
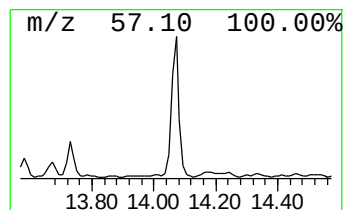
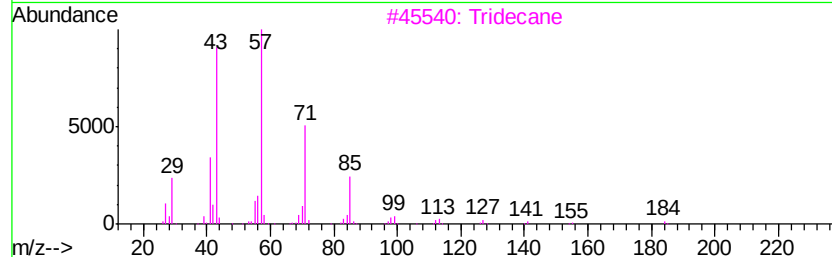
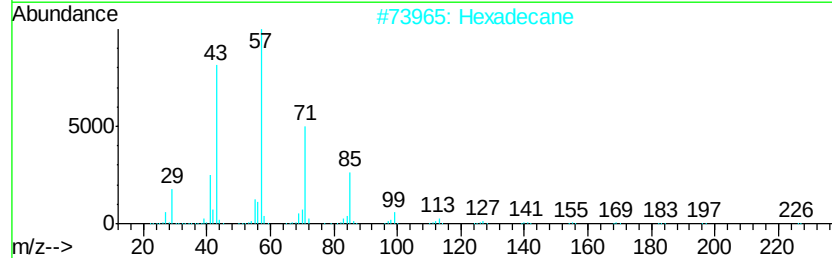
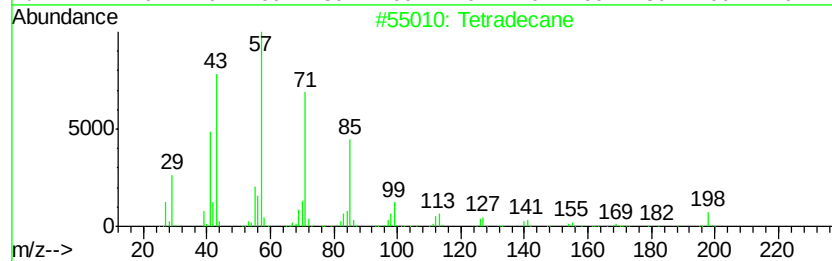
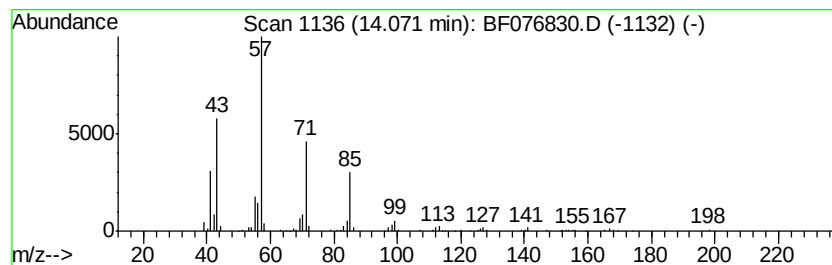
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF010915.M
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Peak Number 4 Tetradecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.07	49.89 ng	756805	Acenaphthene-d10	15.12

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetradecane	198	C14H30	000629-59-4	95
2		Hexadecane	226	C16H34	000544-76-3	87
3		Tridecane	184	C13H28	000629-50-5	86
4		Pentadecane	212	C15H32	000629-62-9	80
5		Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	72



Data Path : Z:\HPCHEM1\BNA F\DATA\BF011215\
Data File : BF076830.D
Acq On : 13 Jan 2015 5:19
Operator : IZ / TP
Sample : G1030-08 5X
Misc : S
ALS Vial : 23 Sample Multiplier: 1

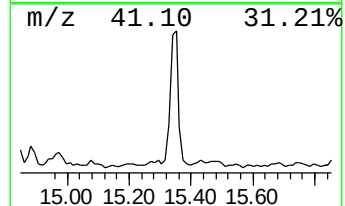
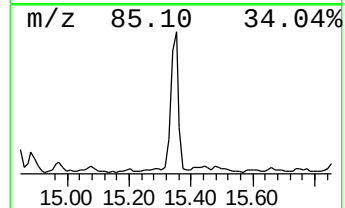
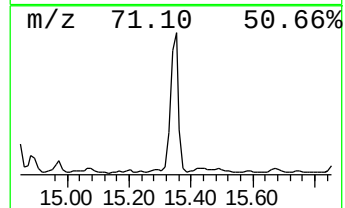
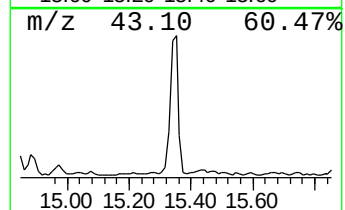
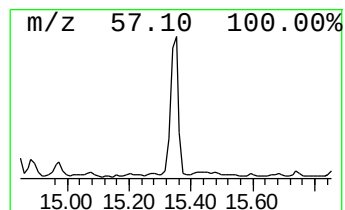
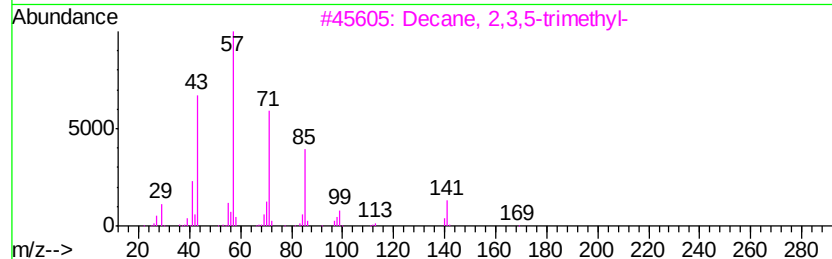
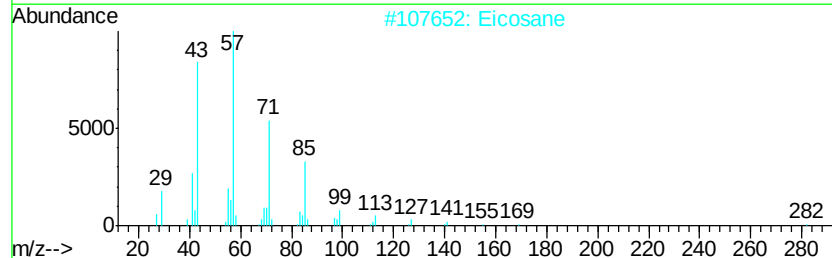
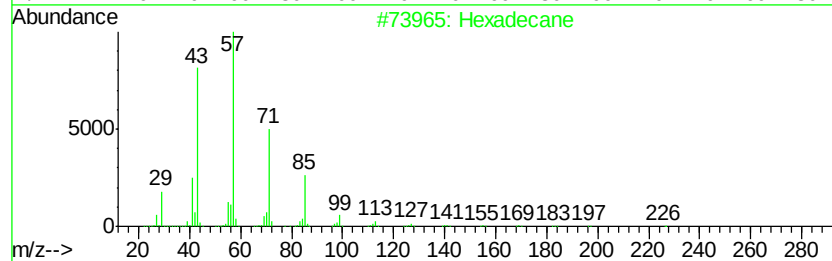
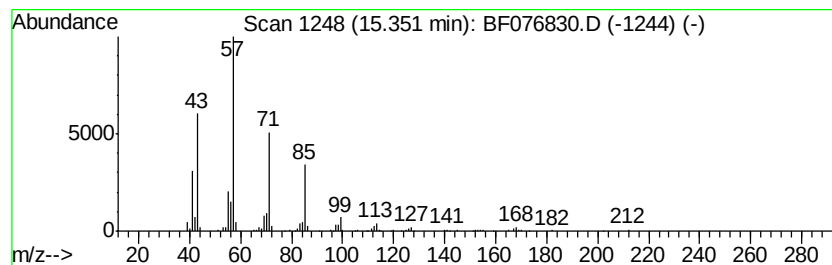
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ClientSampleId :
TP3-SS-2(4-6)

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF010915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Hexadecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD		R.T.	
15.35	49.35 ng	748641	Acenaphthene-d10		15.12	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane		226	C16H34	000544-76-3	86
2	Eicosane		282	C20H42	000112-95-8	86
3	Decane, 2,3,5-trimethyl-		184	C13H28	062238-11-3	80
4	Tridecane		184	C13H28	000629-50-5	78
5	Pentadecane, 7-methyl-		226	C16H34	006165-40-8	78



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011215\
Data File : BF076830.D
Acq On : 13 Jan 2015 5:19
Operator : IZ / TP
Sample : G1030-08 5X
Misc : S
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP3-SS-2(4-6)

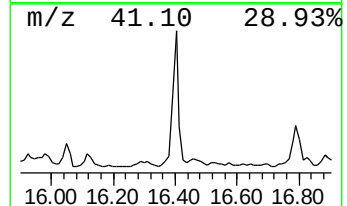
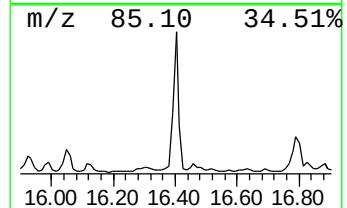
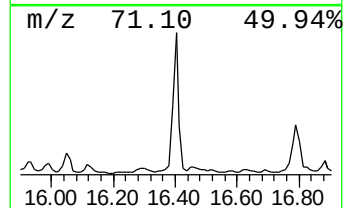
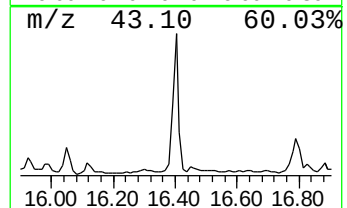
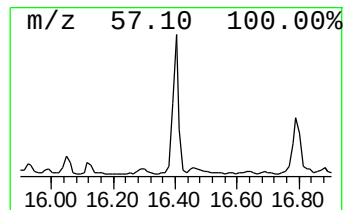
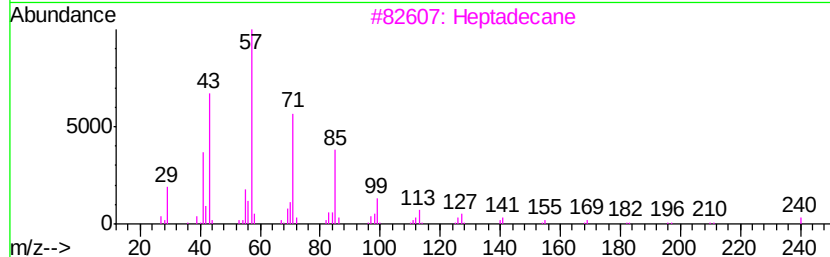
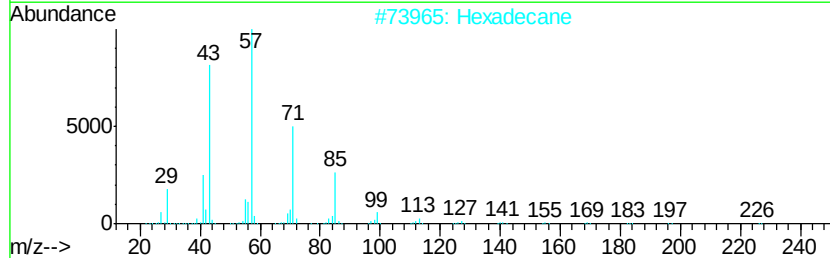
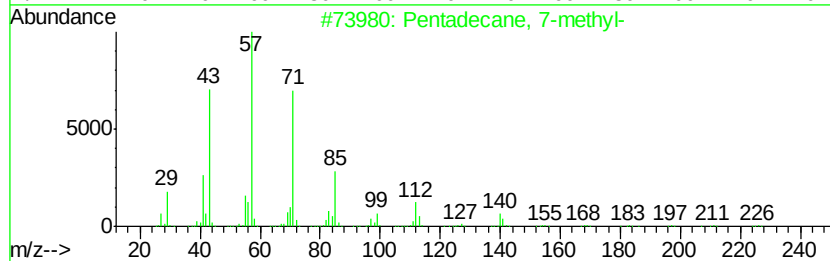
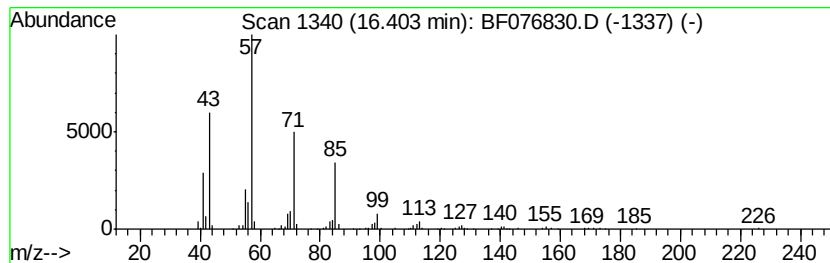
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Pentadecane, 7-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.40	39.50 ng	599213	Acenaphthene-d10	15.12

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentadecane, 7-methyl-	226	C16H34	006165-40-8	91
2		Hexadecane	226	C16H34	000544-76-3	90
3		Heptadecane	240	C17H36	000629-78-7	90
4		Tetradecane	198	C14H30	000629-59-4	86
5		Tridecane	184	C13H28	000629-50-5	83



Data Path : Z:\HPCHEM1\BNA F\DATA\BF011215\
Data File : BF076830.D
Acq On : 13 Jan 2015 5:19
Operator : IZ / TP
Sample : G1030-08 5X
Misc : S
ALS Vial : 23 Sample Multiplier: 1

Instrument :
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ClientSampleId :
TP3-SS-2(4-6)

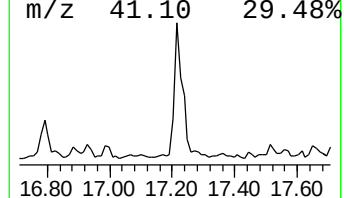
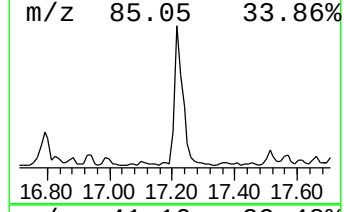
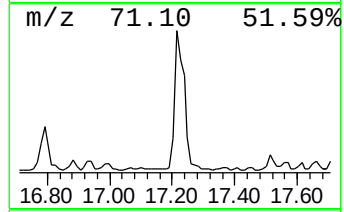
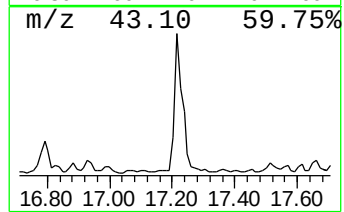
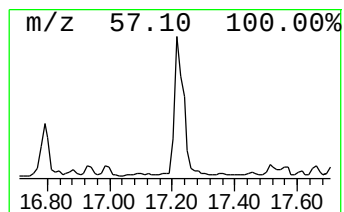
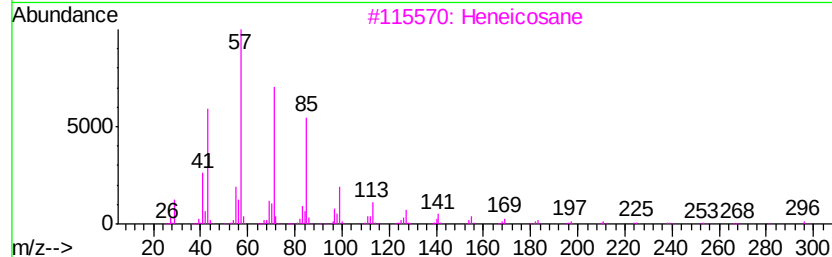
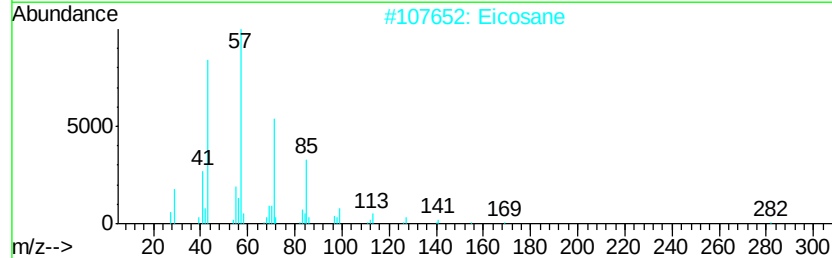
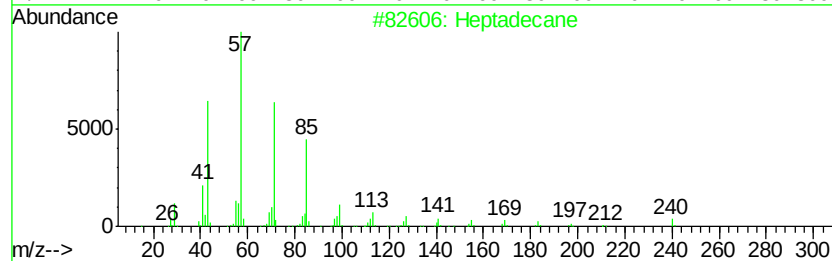
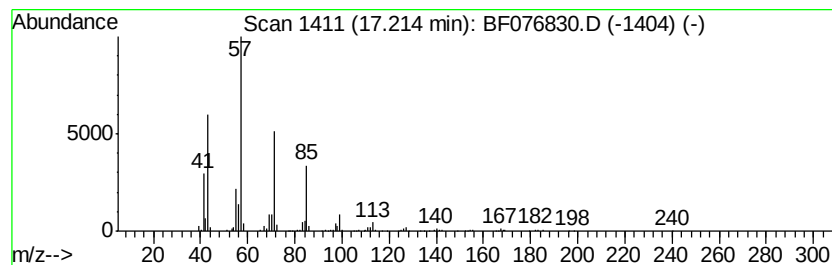
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Heptadecane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.21	81.32 ng	1101840	Phenanthrene-d10	17.85

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane		240	C17H36	000629-78-7	91
2	Eicosane		282	C20H42	000112-95-8	91
3	Heneicosane		296	C21H44	000629-94-7	90
4	Dodecane, 2-methyl-6-propyl-		226	C16H34	055045-08-4	86
5	Hexadecane		226	C16H34	000544-76-3	86



Data Path : Z:\HPCHEM1\BNA F\DATA\BF011215\
Data File : BF076830.D
Acq On : 13 Jan 2015 5:19
Operator : IZ / TP
Sample : G1030-08 5X
Misc : S
ALS Vial : 23 Sample Multiplier: 1

Instrument :
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ClientSampleId :
TP3-SS-2(4-6)

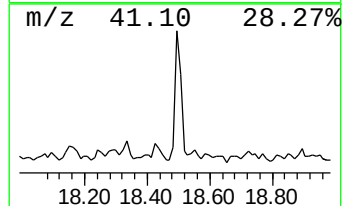
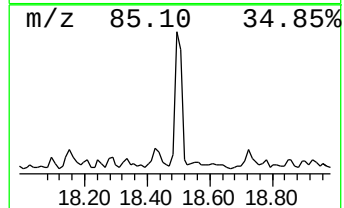
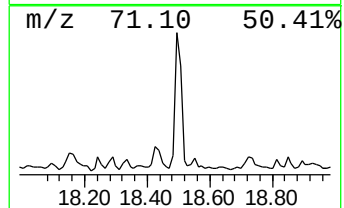
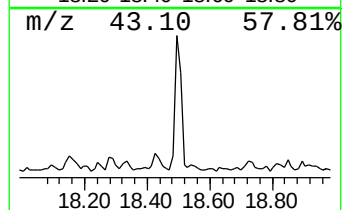
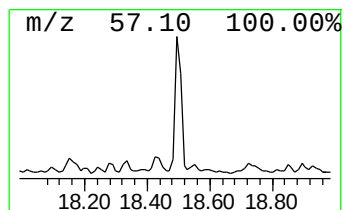
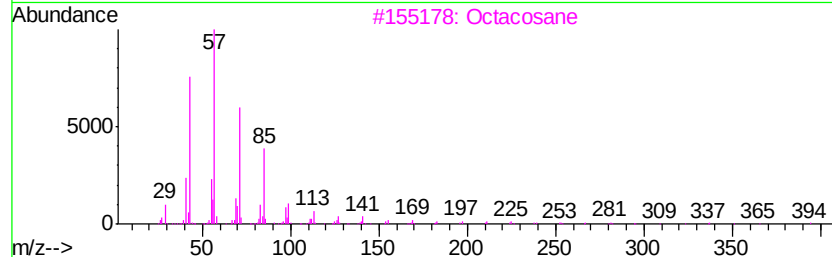
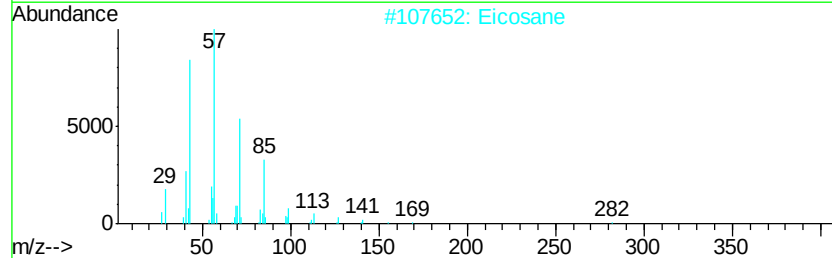
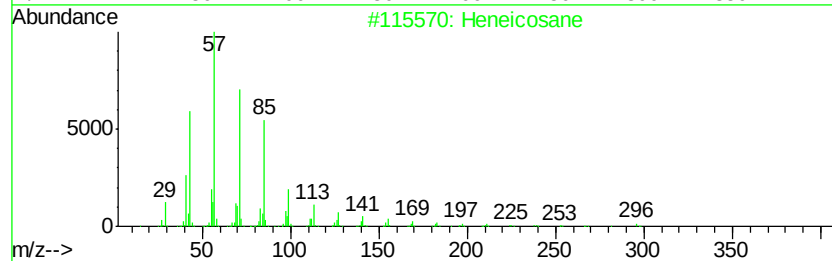
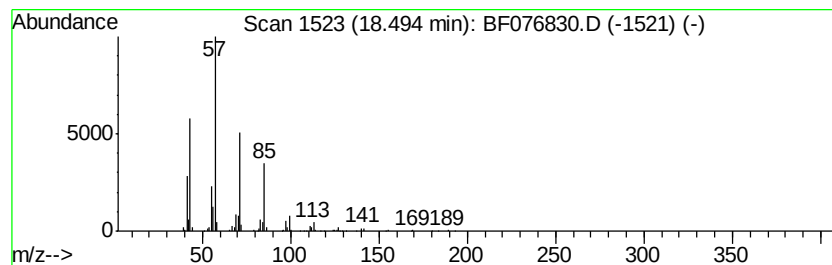
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Heneicosane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.49	28.86 ng	390993	Phenanthrene-d10	17.85

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane		296	C21H44	000629-94-7	90
2	Eicosane		282	C20H42	000112-95-8	87
3	Octacosane		394	C28H58	000630-02-4	86
4	Hexadecane		226	C16H34	000544-76-3	86
5	Pentadecane, 7-methyl-		226	C16H34	006165-40-8	83



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011215\
Data File : BF076830.D
Acq On : 13 Jan 2015 5:19
Operator : IZ / TP
Sample : G1030-08 5X
Misc : S
ALS Vial : 23 Sample Multiplier: 1

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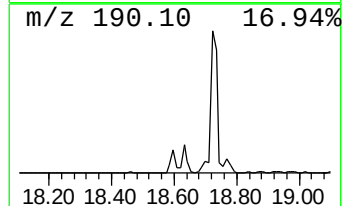
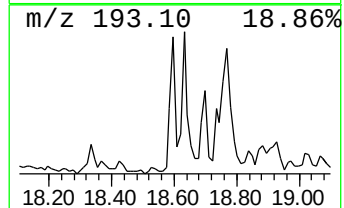
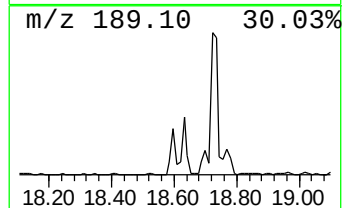
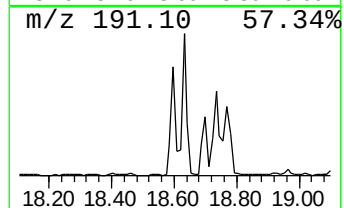
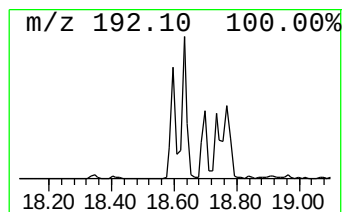
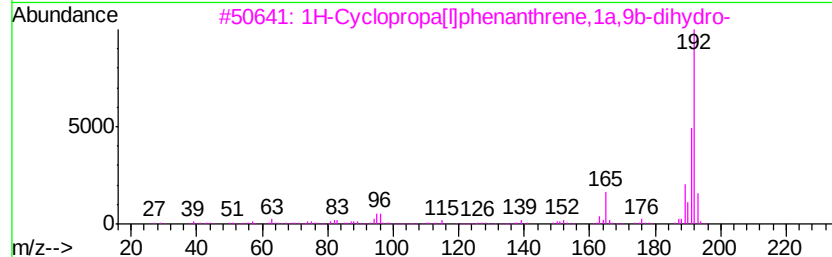
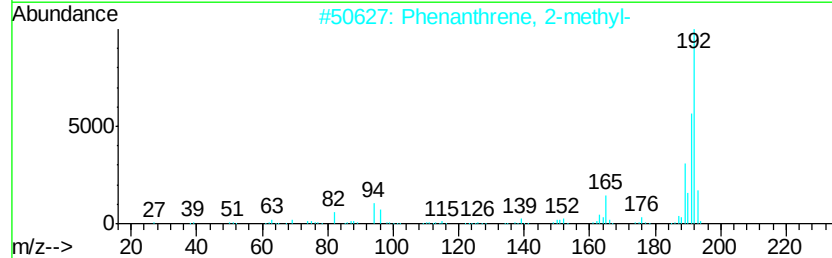
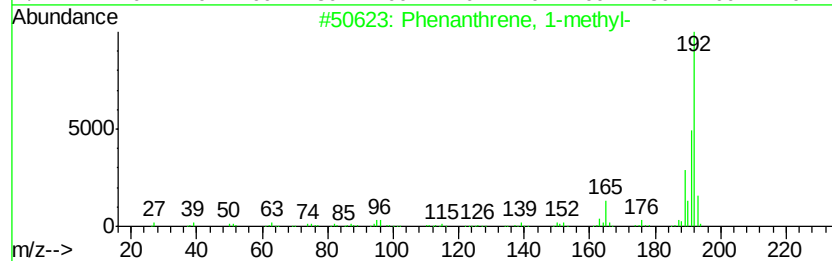
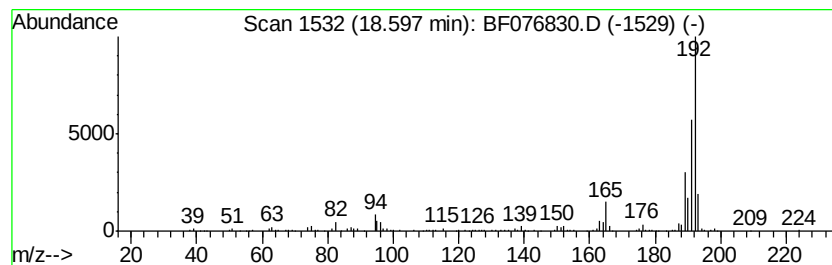
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Phenanthrene, 1-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.60	24.63 ng	333698	Phenanthrene-d10	17.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
2		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
3		1H-Cyclopropa[1,1b]phenanthrene, 1a,...	192	C15H12	000949-41-7	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\BF011215\
Data File : BF076830.D
Acq On : 13 Jan 2015 5:19
Operator : IZ / TP
Sample : G1030-08 5X
Misc : S
ALS Vial : 23 Sample Multiplier: 1

Instrument :
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ClientSampleId :
TP3-SS-2(4-6)

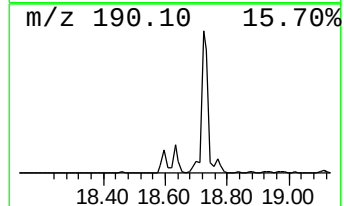
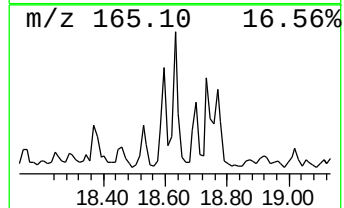
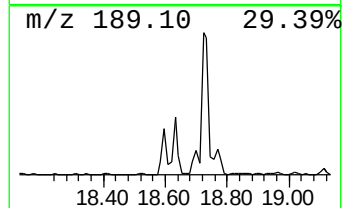
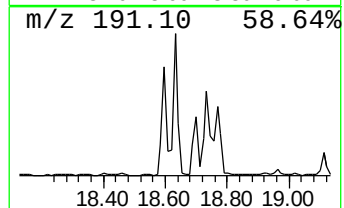
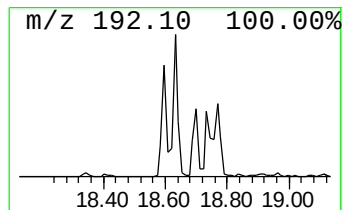
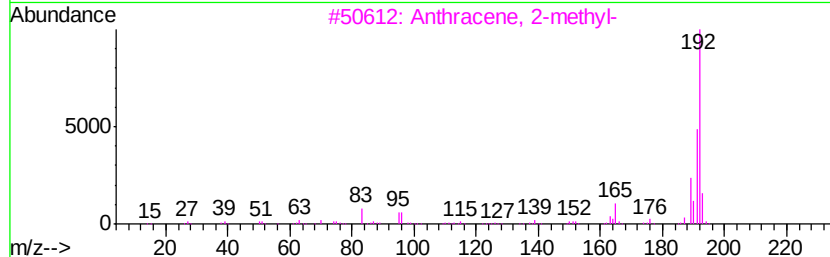
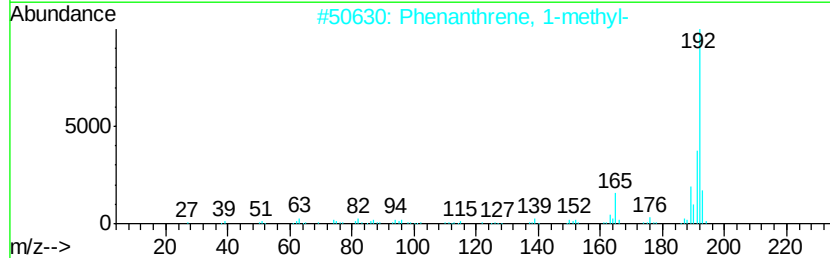
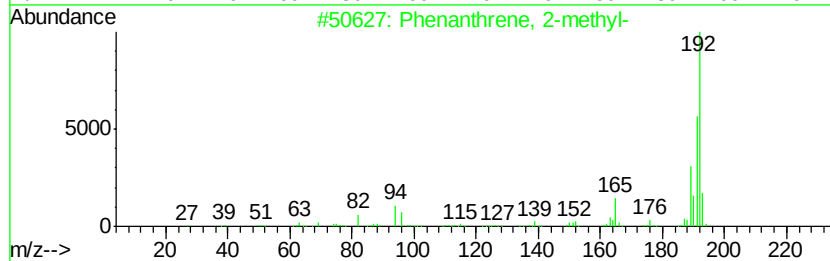
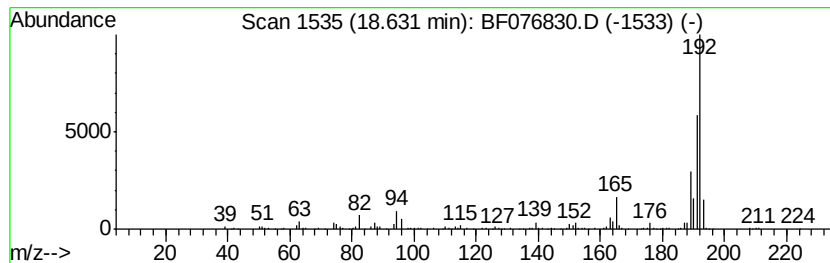
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Phenanthrene, 2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.63	35.25 ng	477620	Phenanthrene-d10	17.85

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
2			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
3			Anthracene, 2-methyl-	192	C15H12	000613-12-7	94
4			Anthracene, 1-methyl-	192	C15H12	000610-48-0	94
5			Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	93



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011215\
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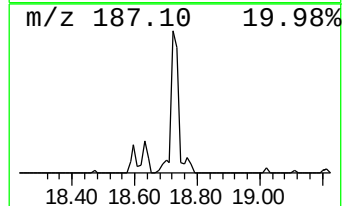
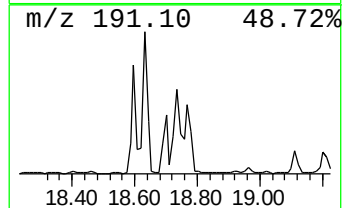
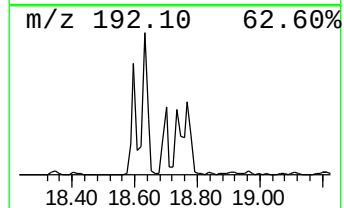
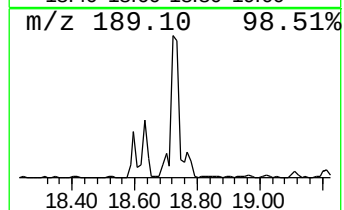
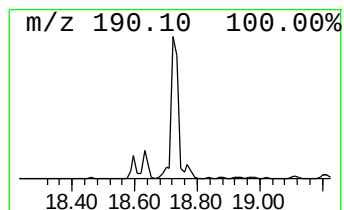
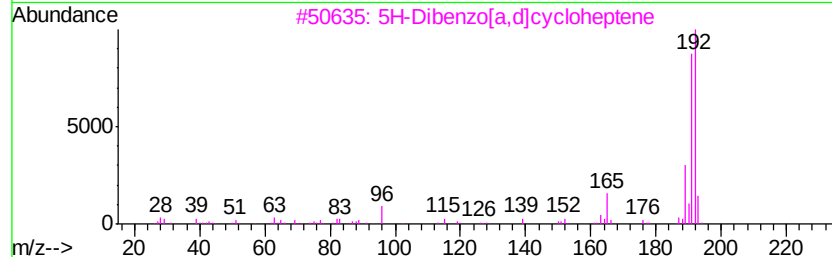
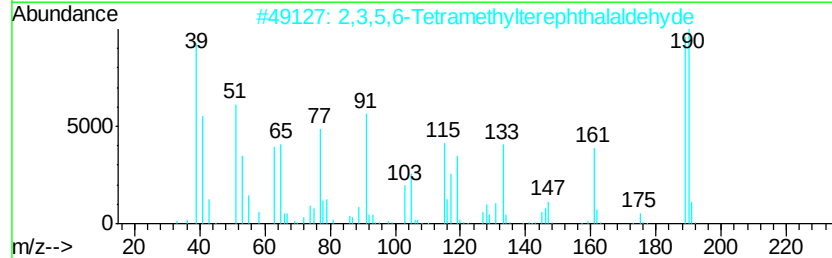
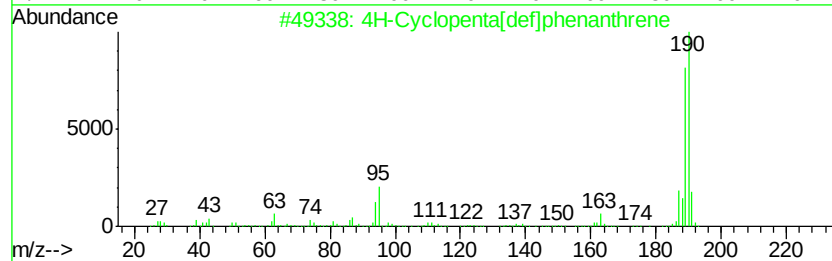
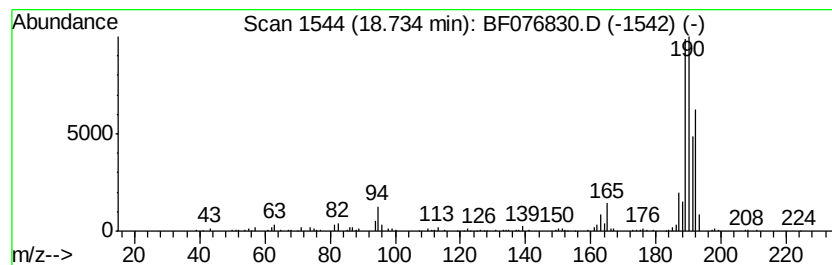
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 4H-Cyclopenta[def]phenanthrene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.	
18.73	42.55 ng	576554	Phenanthrene-d10	17.85	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	64
2	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	43
3	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	25
4	Benzene, 1,1'-(1,2-propadienylid...	192	C15H12	014251-57-1	22
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	20



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011215\
Data File : BF076830.D
Acq On : 13 Jan 2015 5:19
Operator : IZ / TP
Sample : G1030-08 5X
Misc : S
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP3-SS-2(4-6)

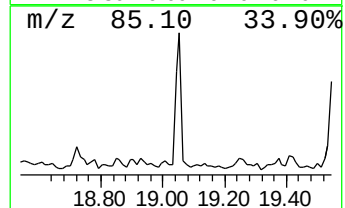
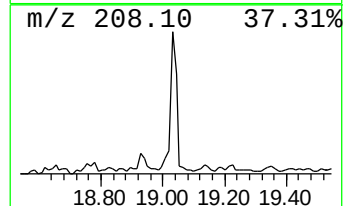
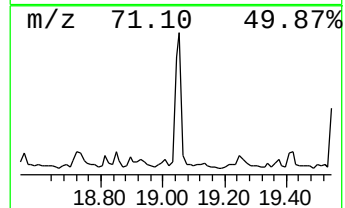
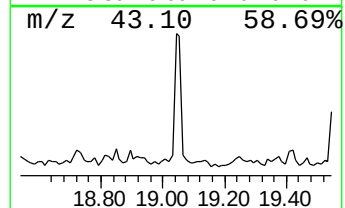
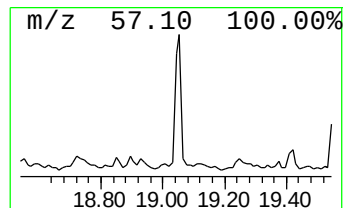
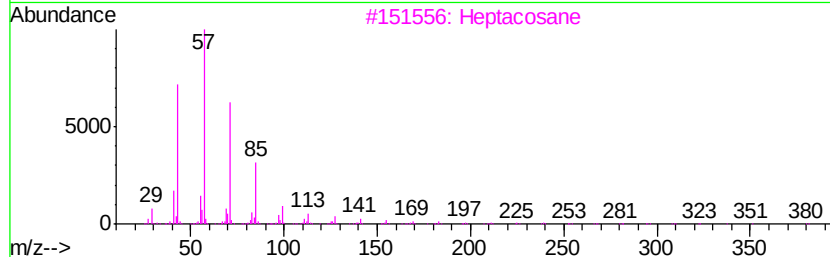
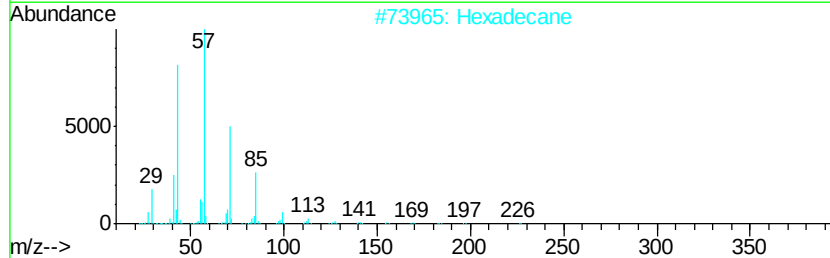
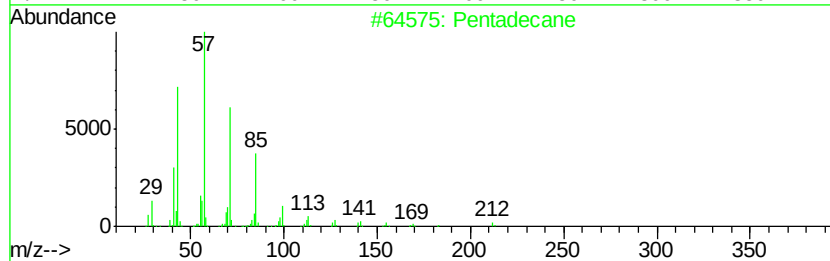
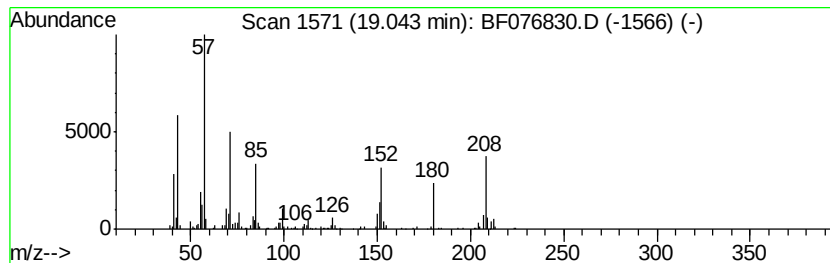
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Pentadecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.04	55.64 ng	753950	Phenanthrene-d10	17.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentadecane	212	C15H32	000629-62-9	55
2		Hexadecane	226	C16H34	000544-76-3	43
3		Heptacosane	380	C27H56	000593-49-7	43
4		Tridecane, 1-iodo-	310	C13H27I	035599-77-0	43
5		Eicosane	282	C20H42	000112-95-8	41



Data Path : Z:\HPCHEM1\BNA F\DATA\BF011215\
Data File : BF076830.D
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Sample : G1030-08 5X
Misc : S
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP3-SS-2(4-6)

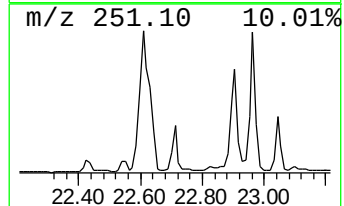
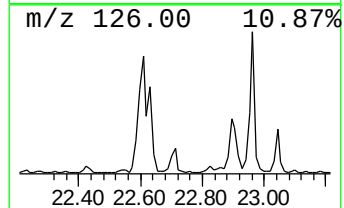
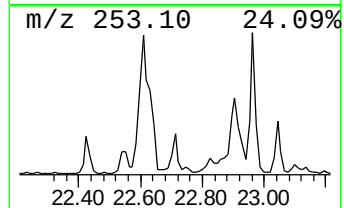
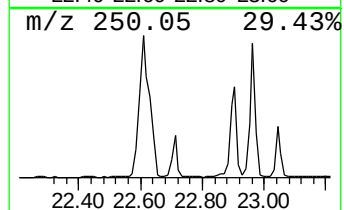
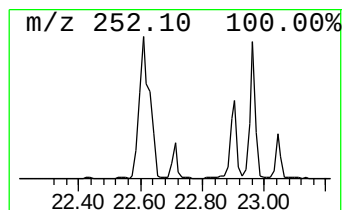
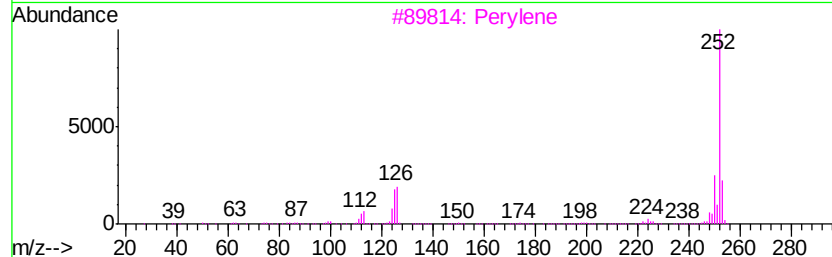
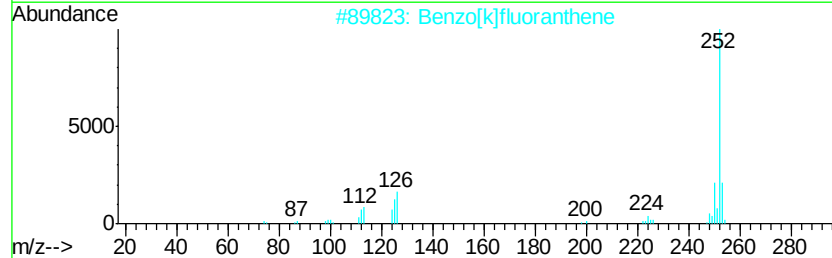
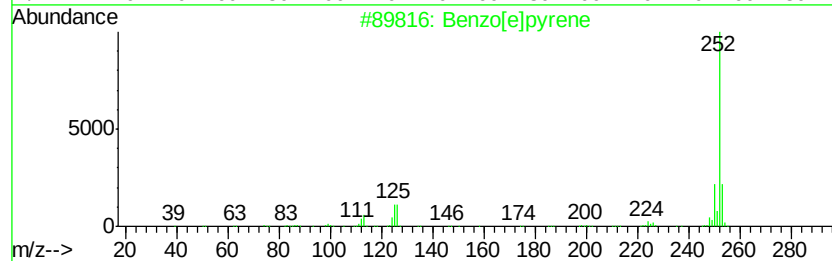
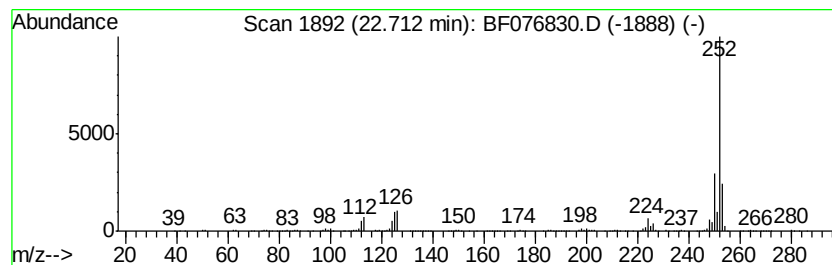
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Benzo[e]pyrene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD		R.T.
22.71	35.45 ng	520205	Perylene-d12		23.02

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[e]pyrene	252	C20H12	000192-97-2	97
2			Benzo[k]fluoranthene	252	C20H12	000207-08-9	97
3			Perylene	252	C20H12	000198-55-0	95
4			Benzo[a]pyrene	252	C20H12	000050-32-8	94
5			Benzo[j]fluoranthene	252	C20H12	000205-82-3	94



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Sample : G1030-08 5X
Misc : S
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP3-SS-2(4-6)

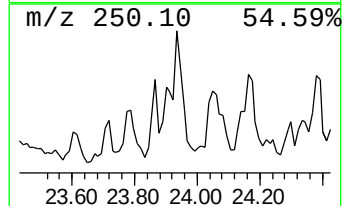
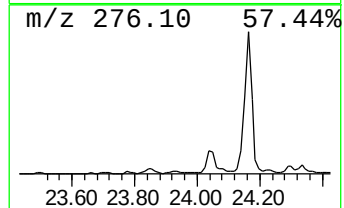
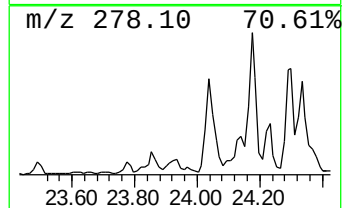
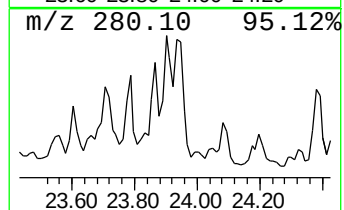
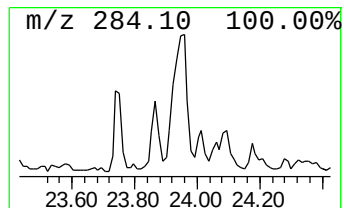
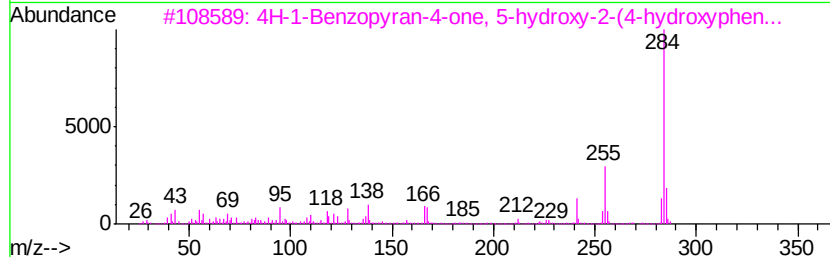
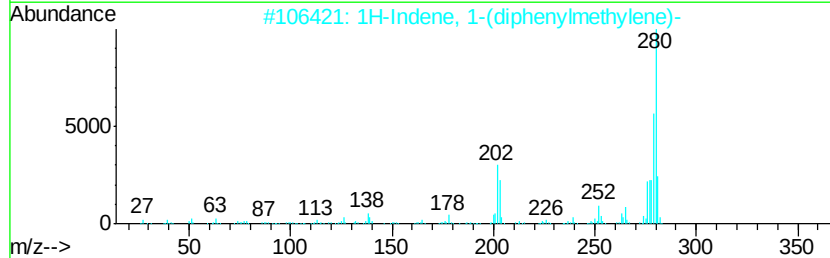
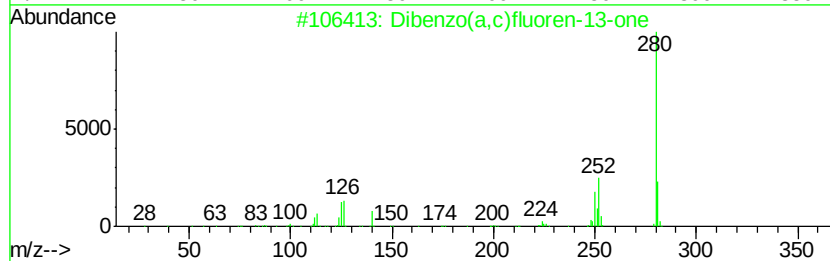
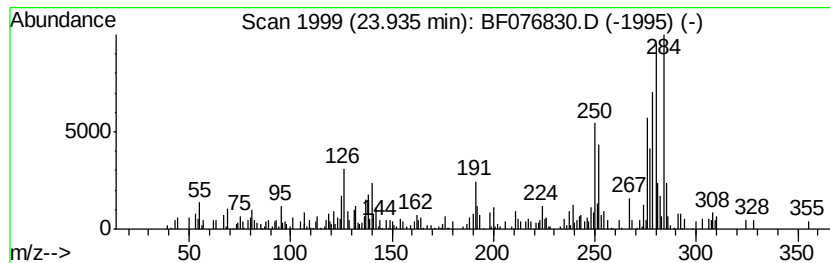
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Dibenzo(a,c)fluoren-13-one Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.93	26.34 ng	386500	Perylene-d12	23.02

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dibenzo(a,c)fluoren-13-one	280	C21H12O	063041-47-4	51
2		1H-Indene, 1-(diphenylmethylene)-	280	C22H16	013245-90-4	30
3		4H-1-Benzopyran-4-one, 5-hydroxy...	284	C16H12O5	000437-64-9	25
4		9,10-Anthracenedione, 1,8-dihydr...	284	C16H12O5	000521-61-9	25
5		3-(.gamma.-Methylaminopropyl)-5-...	307	C14H18BrN3	1000286-83-7	25



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011215\
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Sample : G1030-08 5X
Misc : S
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP3-SS-2(4-6)

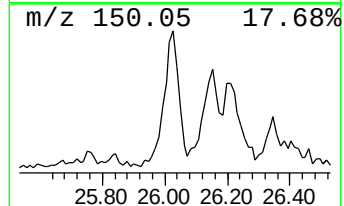
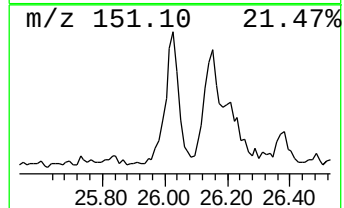
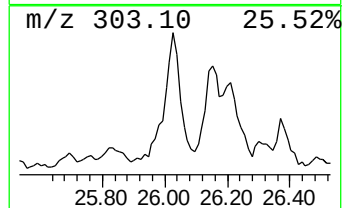
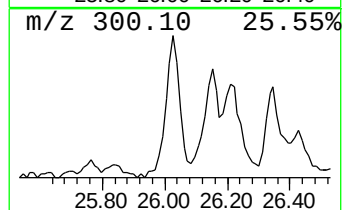
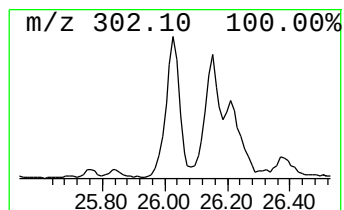
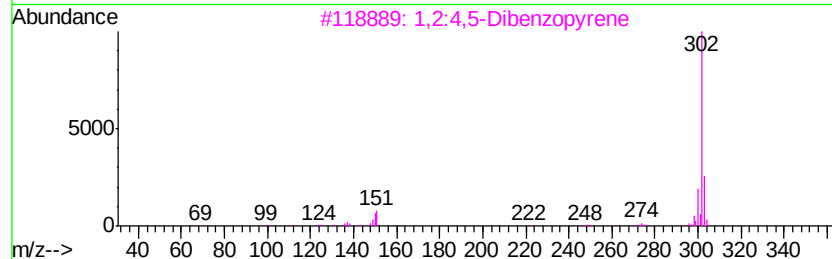
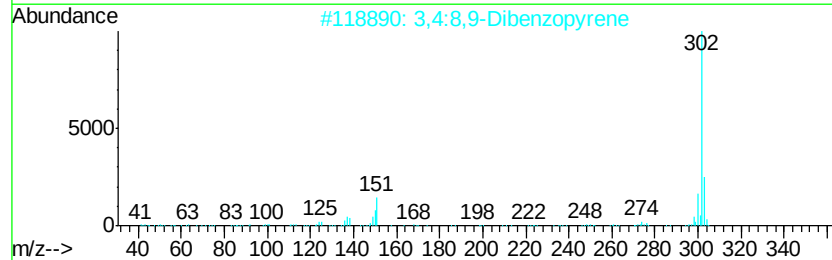
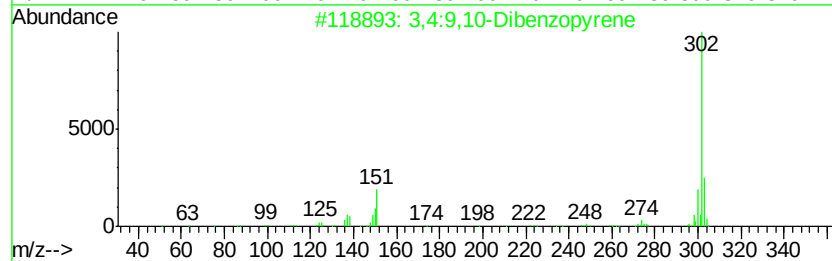
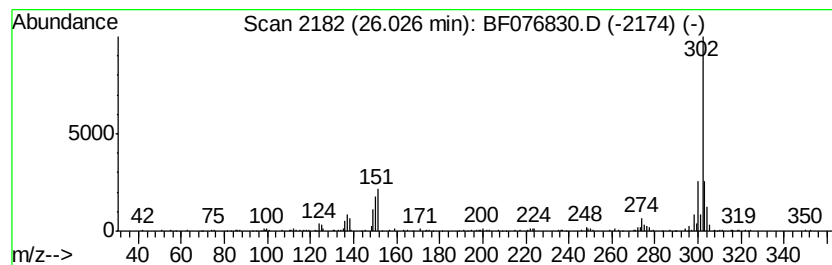
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF010915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 3,4:9,10-Dibenzopyrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.03	43.51 ng	638445	Perylene-d12	23.02

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3,4:9,10-Dibenzopyrene	302	C24H14	000189-55-9	96
2		3,4:8,9-Dibenzopyrene	302	C24H14	000189-64-0	94
3		1,2:4,5-Dibenzopyrene	302	C24H14	000192-65-4	93
4		Dibenz(a,e)aceanthrylene	302	C24H14	005385-75-1	93
5		Indeno[1,2,3-fg]naphthacene	302	C24H14	000203-11-2	76



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 Acq On : 13 Jan 2015 5:19
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 Misc : S
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP3-SS-2(4-6)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF010915.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
Undecane	9.65	24.5	ng	420670	2	11.00	343510	20.0
Dodecane	11.25	28.1	ng	482820	2	11.00	343510	20.0
Tetradecane	14.07	49.9	ng	756805	3	15.12	303403	20.0
Hexadecane	15.35	49.4	ng	748641	3	15.12	303403	20.0
Pentadecane, 7-me...	16.40	39.5	ng	599213	3	15.12	303403	20.0
Heptadecane	17.21	81.3	ng	1101840	4	17.85	270986	20.0
Heneicosane	18.49	28.9	ng	390993	4	17.85	270986	20.0
Phenanthrene, 1-m...	18.60	24.6	ng	333698	4	17.85	270986	20.0
Phenanthrene, 2-m...	18.63	35.3	ng	477620	4	17.85	270986	20.0
4H-Cyclopenta[def...	18.73	42.5	ng	576554	4	17.85	270986	20.0
Pentadecane	19.04	55.6	ng	753950	4	17.85	270986	20.0
Benzo[e]pyrene	22.71	35.5	ng	520205	6	23.02	293493	20.0
Dibenzo(a,c)fluor...	23.93	26.3	ng	386500	6	23.02	293493	20.0
3,4:9,10-Dibenzop...	26.03	43.5	ng	638445	6	23.02	293493	20.0