

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF040617\
 Data File : BF094226.D
 Acq On : 6 Apr 2017 14:16
 Operator : SJ/MA
 Sample : I2511-04
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 E2-CONCRETE-NW

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-BF032217.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.810	152	157	163	rVB	238285	281829	2.62%	0.373%
2	3.481	261	271	273	rBV	5547094	10770128	100.00%	14.257%
3	4.016	352	362	365	rBV	3448731	6651187	61.76%	8.805%
4	4.381	420	424	430	rVB	1011970	958343	8.90%	1.269%
5	5.451	601	606	614	rBV	2295010	2498780	23.20%	3.308%
6	5.592	626	630	634	rBV	1724024	1544985	14.35%	2.045%
7	5.851	670	674	678	rBV	1047100	941219	8.74%	1.246%
8	6.028	699	704	708	rBV	2958510	3073829	28.54%	4.069%
9	6.216	733	736	742	rVV	204800	183545	1.70%	0.243%
10	6.410	763	769	778	rBV2	145021	278499	2.59%	0.369%
11	6.498	778	784	787	rBV	2147813	2550601	23.68%	3.376%
12	6.663	808	812	815	rBV2	147400	131216	1.22%	0.174%
13	7.110	882	888	893	rBV2	107021	180982	1.68%	0.240%
14	7.351	923	929	932	rVV	1339841	1404149	13.04%	1.859%
15	7.910	1019	1024	1030	rBV	122393	174757	1.62%	0.231%
16	8.122	1055	1060	1065	rBV	316243	333072	3.09%	0.441%
17	8.222	1073	1077	1083	rVB2	212378	255662	2.37%	0.338%
18	8.339	1090	1097	1099	rBV2	115034	149199	1.39%	0.198%
19	8.622	1141	1145	1147	rBV	110839	130845	1.21%	0.173%
20	8.680	1147	1155	1158	rVB	4114824	4803761	44.60%	6.359%
21	8.816	1175	1178	1183	rVB	689223	668999	6.21%	0.886%
22	8.904	1190	1193	1198	rVB	107459	139403	1.29%	0.185%
23	8.992	1204	1208	1212	rBV	245952	362473	3.37%	0.480%
24	9.080	1217	1223	1226	rVV	338968	429306	3.99%	0.568%
25	9.116	1226	1229	1232	rVV	285978	365034	3.39%	0.483%
26	9.175	1236	1239	1241	rVV	303674	317958	2.95%	0.421%
27	9.216	1241	1246	1254	rVB3	480109	913480	8.48%	1.209%
28	9.322	1260	1264	1270	rBV3	99048	192289	1.79%	0.255%
29	9.469	1285	1289	1291	rBV	1158345	1304407	12.11%	1.727%
30	9.492	1291	1293	1297	rVV2	1490685	1471859	13.67%	1.948%
31	9.527	1297	1299	1302	rVV	165380	186487	1.73%	0.247%
32	9.633	1314	1317	1323	rBV	245528	374501	3.48%	0.496%
33	9.686	1323	1326	1329	rVB2	165551	163424	1.52%	0.216%
34	9.757	1329	1338	1341	rBV4	459932	828802	7.70%	1.097%

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35	9.804	1341	1346	1348	rBV2	367803	466253	4.33%	0.617%
36	9.863	1353	1356	1359	rBV2	279373	279217	2.59%	0.370%
37	9.892	1359	1361	1365	rBV2	176706	272490	2.53%	0.361%
38	9.927	1365	1367	1371	rVB	301913	301971	2.80%	0.400%
39	10.004	1375	1380	1382	rBV2	230867	344499	3.20%	0.456%
40	10.086	1390	1394	1398	rBV	1379255	1457080	13.53%	1.929%
41	10.163	1405	1407	1411	rVB	328957	322034	2.99%	0.426%
42	10.210	1411	1415	1418	rBV3	224349	353706	3.28%	0.468%
43	10.363	1436	1441	1444	rVV2	746491	914860	8.49%	1.211%
44	10.427	1448	1452	1454	rBV4	150435	152830	1.42%	0.202%
45	10.463	1454	1458	1460	rBV2	366852	414527	3.85%	0.549%
46	10.486	1460	1462	1464	rVB2	210206	174011	1.62%	0.230%
47	10.633	1485	1487	1490	rBV	184356	171670	1.59%	0.227%
48	10.674	1490	1494	1496	rBV	1660741	1809234	16.80%	2.395%
49	10.827	1518	1520	1522	rBV3	117447	137373	1.28%	0.182%
50	10.880	1526	1529	1532	rVV	215330	219681	2.04%	0.291%
51	10.916	1532	1535	1539	rVV4	276442	374080	3.47%	0.495%
52	10.951	1539	1541	1544	rVB2	227812	208119	1.93%	0.275%
53	11.027	1552	1554	1558	rVB3	218288	219364	2.04%	0.290%
54	11.074	1559	1562	1565	rVB2	183163	168384	1.56%	0.223%
55	11.186	1578	1581	1584	rVB	177327	179072	1.66%	0.237%
56	11.227	1584	1588	1591	rVV	1347848	1370469	12.72%	1.814%
57	11.269	1591	1595	1598	rVB	602124	692034	6.43%	0.916%
58	11.316	1599	1603	1606	rVV2	1362394	1428337	13.26%	1.891%
59	11.345	1606	1608	1611	rVB	641044	514258	4.77%	0.681%
60	11.404	1615	1618	1621	rVB2	182352	187108	1.74%	0.248%
61	11.610	1650	1653	1656	rBV5	159468	181989	1.69%	0.241%
62	11.727	1670	1673	1675	rVV	145293	147996	1.37%	0.196%
63	11.757	1675	1678	1684	rVB	1120929	1057218	9.82%	1.400%
64	11.939	1706	1709	1712	rBV2	265619	305310	2.83%	0.404%
65	11.974	1712	1715	1719	rVV2	389380	453718	4.21%	0.601%
66	12.027	1721	1724	1728	rVV3	139381	161349	1.50%	0.214%
67	12.068	1728	1731	1735	rVV3	240996	331984	3.08%	0.439%
68	12.263	1760	1764	1767	rVB	832619	871976	8.10%	1.154%
69	12.298	1767	1770	1773	rBV3	141530	168272	1.56%	0.223%
70	12.327	1773	1775	1782	rVB4	123919	176167	1.64%	0.233%
71	12.392	1783	1786	1790	rVB2	304547	308432	2.86%	0.408%

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72	12.445	1791	1795	1798	rBV3	187444	262143	2.43%	0.347%
73	12.510	1801	1806	1809	rBV2	397595	539284	5.01%	0.714%
74	12.621	1820	1825	1828	rVV3	289941	385054	3.58%	0.510%
75	12.663	1829	1832	1835	rVV3	116706	152880	1.42%	0.202%
76	12.716	1838	1841	1843	rVV3	148152	186072	1.73%	0.246%
77	12.739	1843	1845	1848	rVV	635379	578459	5.37%	0.766%
78	12.804	1852	1856	1859	rVV	370928	487226	4.52%	0.645%
79	12.833	1859	1861	1865	rVB	161223	145786	1.35%	0.193%
80	12.880	1866	1869	1873	rVB3	159648	185539	1.72%	0.246%
81	13.080	1900	1903	1908	rVB	372778	420478	3.90%	0.557%
82	13.198	1920	1923	1928	rVB	445793	476936	4.43%	0.631%
83	13.263	1932	1934	1935	rVV2	173081	149300	1.39%	0.198%
84	13.298	1935	1940	1944	rVB2	3477797	4087734	37.95%	5.411%
85	13.445	1962	1965	1969	rBV2	292572	383080	3.56%	0.507%
86	13.533	1977	1980	1985	rVB2	149418	163118	1.51%	0.216%
87	13.639	1995	1998	2001	rVB	325089	331534	3.08%	0.439%
88	14.062	2066	2070	2075	rVB	311959	316290	2.94%	0.419%
89	14.468	2134	2139	2147	rVB2	386595	598746	5.56%	0.793%
90	14.562	2150	2155	2158	rVV	1124987	1204151	11.18%	1.594%
91	14.592	2158	2160	2163	rVB	129318	110321	1.02%	0.146%
92	14.862	2202	2206	2213	rVB	268175	320897	2.98%	0.425%
93	15.239	2267	2270	2278	rBV2	195309	277627	2.58%	0.368%
94	15.604	2328	2332	2338	rVB	130130	165950	1.54%	0.220%
95	15.780	2359	2362	2365	rBV	88216	117432	1.09%	0.155%
96	16.186	2427	2431	2438	rVB	670255	822012	7.63%	1.088%
97	18.074	2746	2752	2765	rBV7	111902	362395	3.36%	0.480%

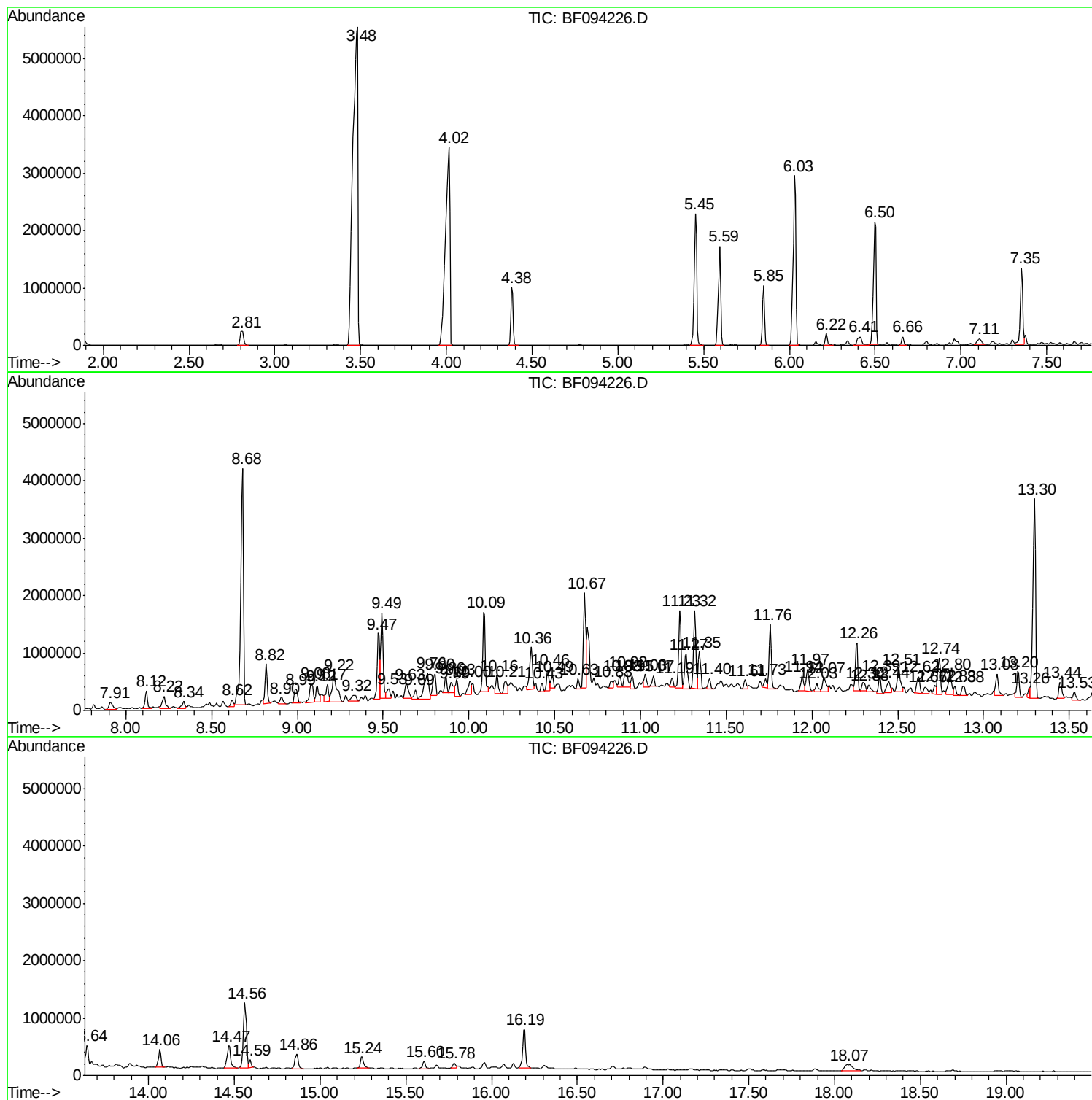
Sum of corrected areas: 75542526

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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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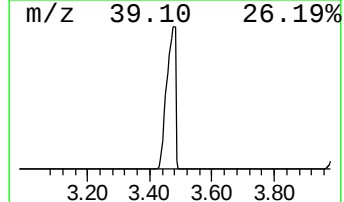
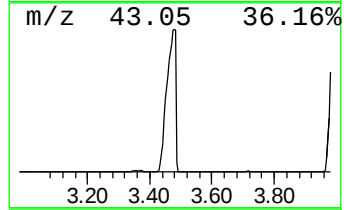
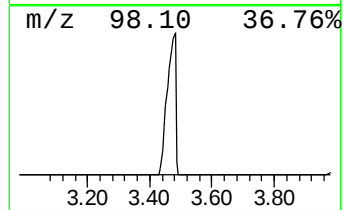
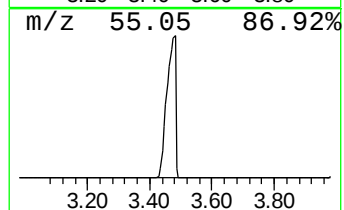
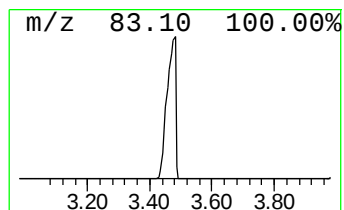
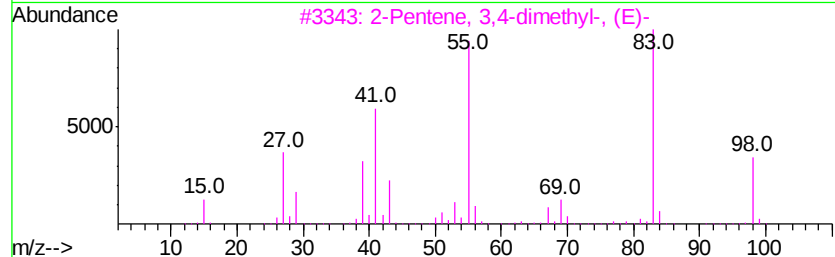
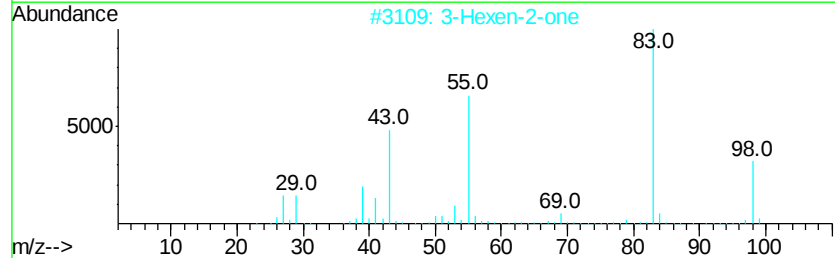
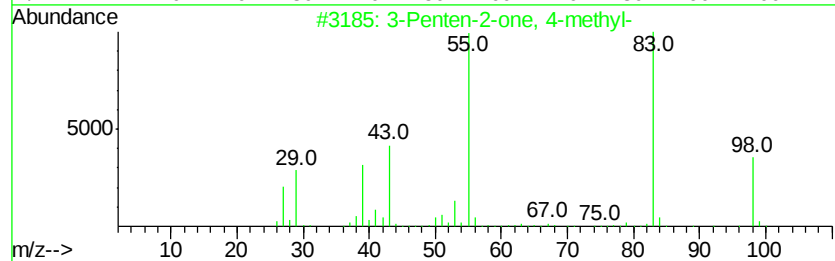
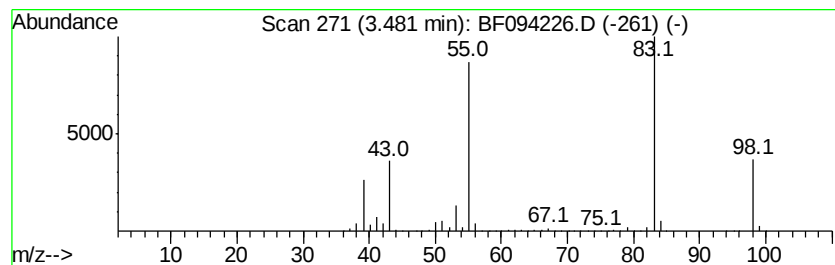
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 3-Penten-2-one, 4-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.48	228.86 ng	10770100	1,4-Dichlorobenzene-d4	5.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Penten-2-one, 4-methyl-	98	C6H10O	000141-79-7	95
2		3-Hexen-2-one	98	C6H10O	000763-93-9	91
3		2-Pentene, 3,4-dimethyl-, (E)-	98	C7H14	004914-92-5	90
4		2-Pentene, 3,4-dimethyl-, (Z)-	98	C7H14	004914-91-4	86
5		2-Pentene, 2,4-dimethyl-	98	C7H14	000625-65-0	80



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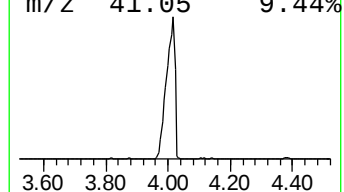
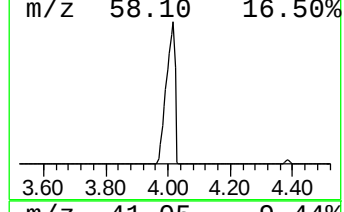
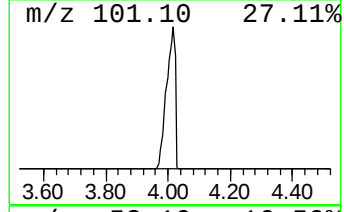
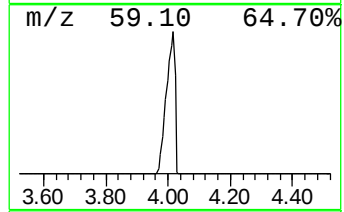
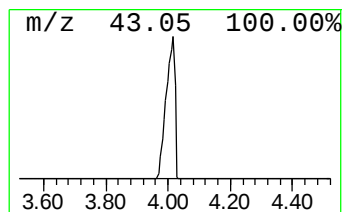
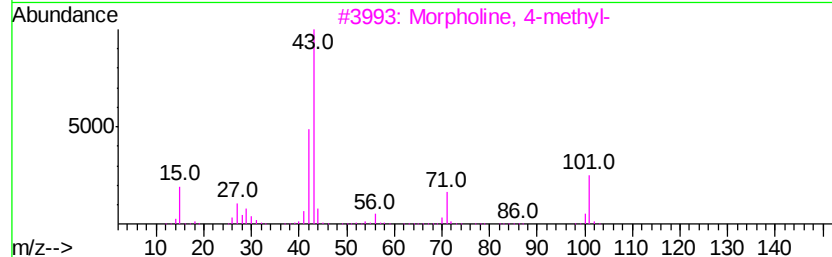
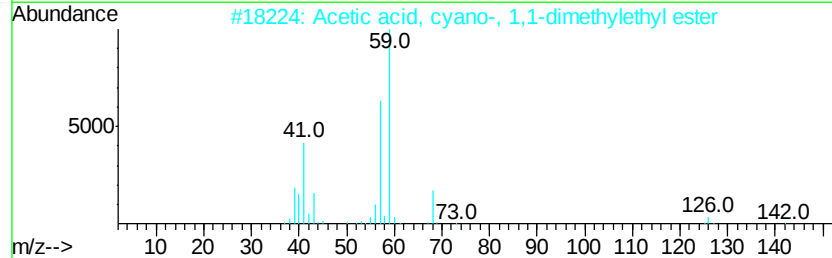
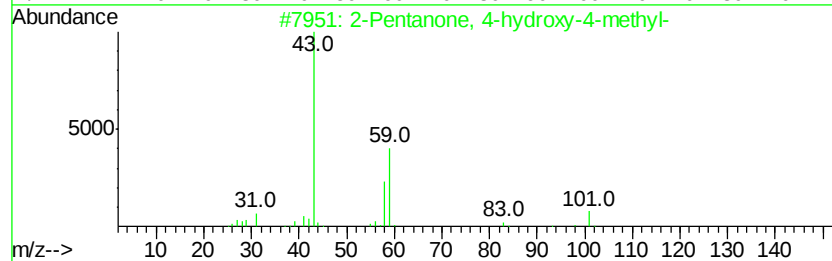
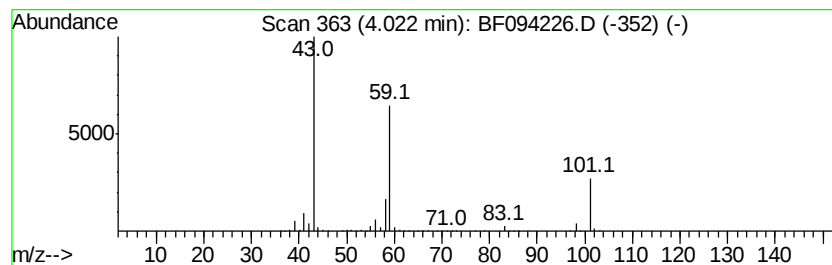
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.02	141.33 ng	6651190	1,4-Dichlorobenzene-d4	5.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2		Acetic acid, cyano-, 1,1-dimethyl...	141	C7H11NO2	001116-98-9	25
3		Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
4		5-Hexen-2-one	98	C6H10O	000109-49-9	9
5		4-Hydroxy-3-hexanone	116	C6H12O2	004984-85-4	9



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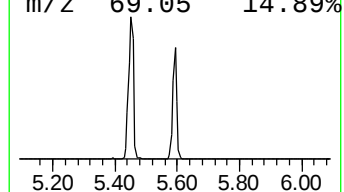
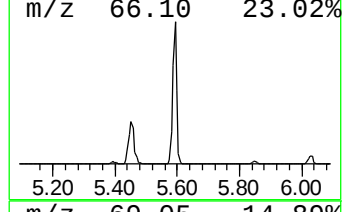
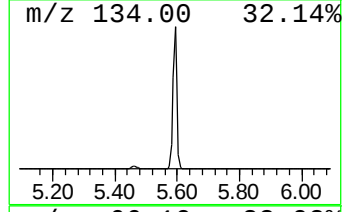
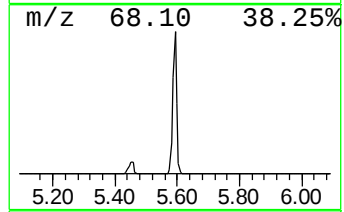
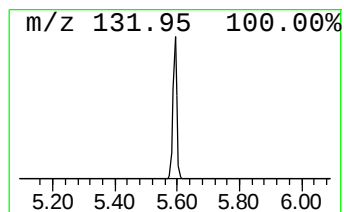
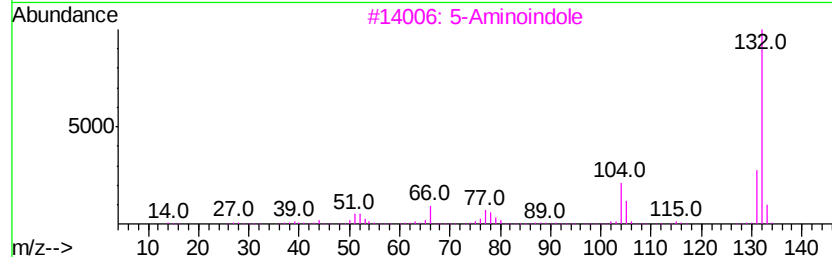
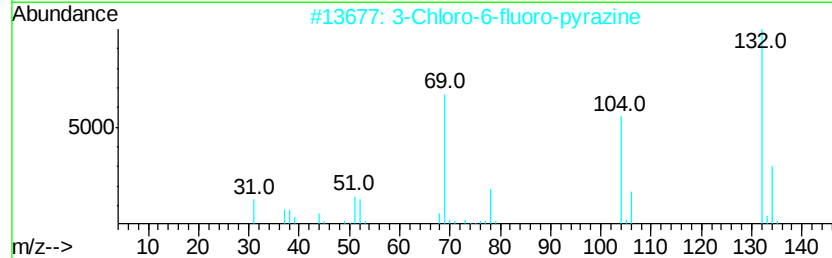
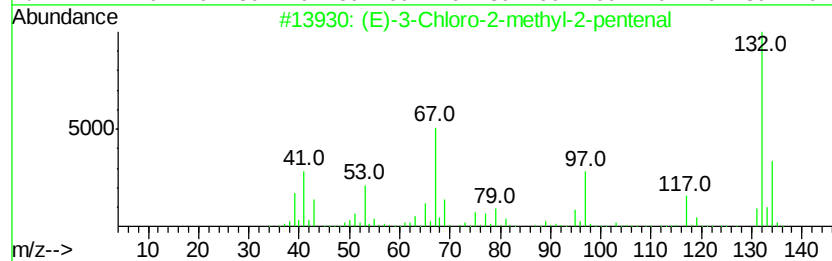
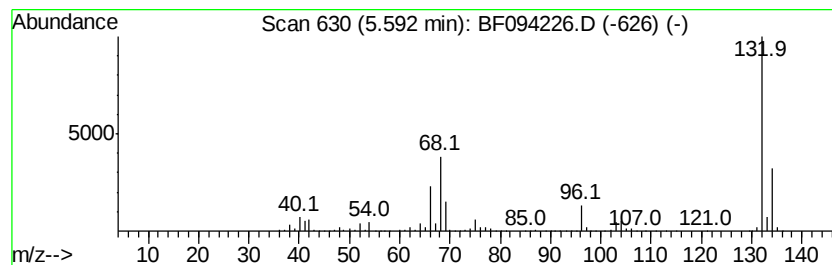
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Peak Number 3 unknown5.59 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.59	32.83 ng	1544990	1,4-Dichlorobenzene-d4	5.85

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17	
2	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16	
3	5-Aminoindole	132	C8H8N2	005192-03-0	12	
4	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9	
5	4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9	



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF040617\
Data File : BF094226.D
Acq On : 6 Apr 2017 14:16
Operator : SJ/MA
Sample : I2511-04
Misc :
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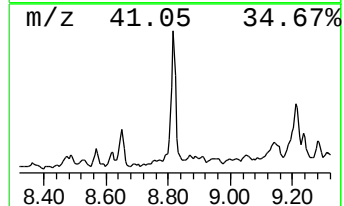
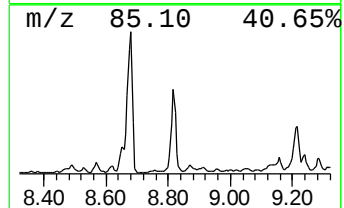
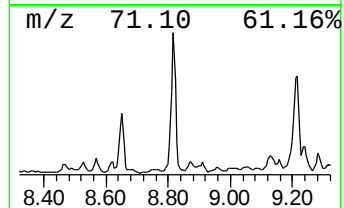
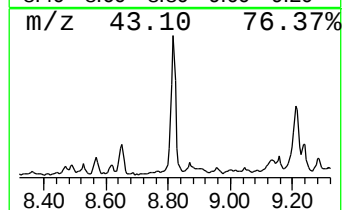
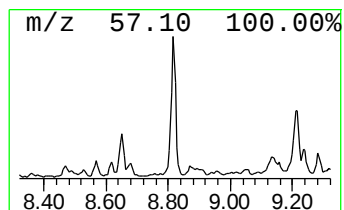
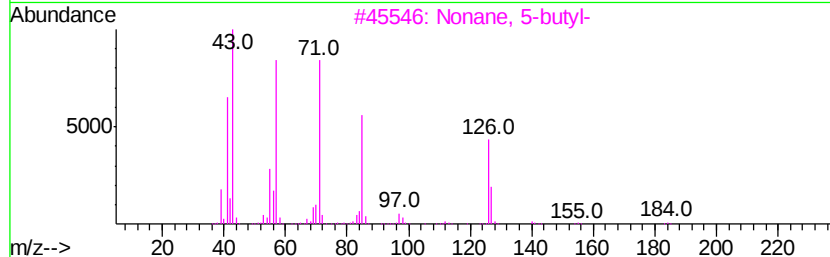
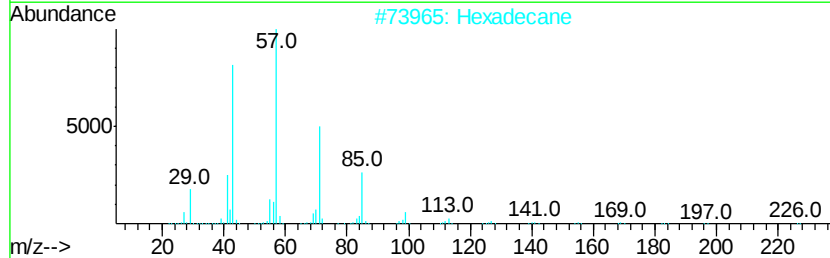
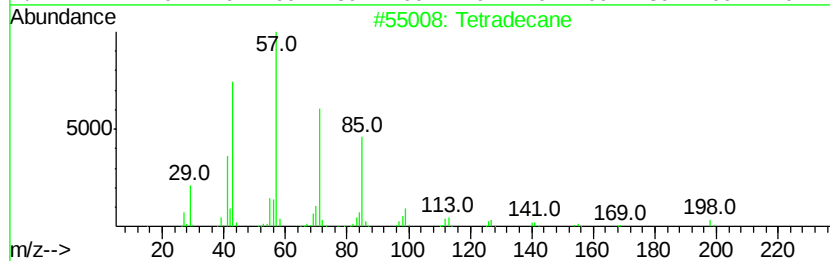
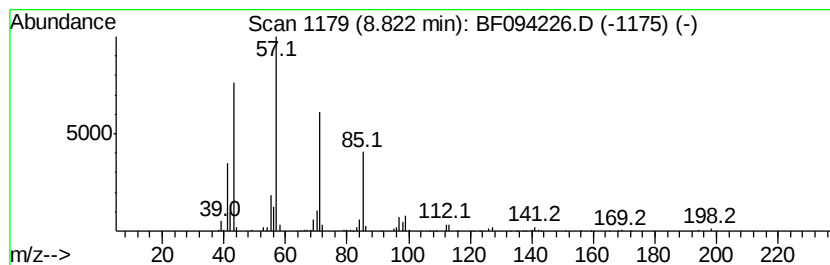
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ClientSampleId :
E2-CONCRETE-NW

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Tetradecane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.	
8.82	9.09 ng	668999	Acenaphthene-d10	9.49	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	95
2	Hexadecane	226	C16H34	000544-76-3	90
3	Nonane, 5-butyl-	184	C13H28	017312-63-9	86
4	Nonadecane	268	C19H40	000629-92-5	78
5	Tridecane, 6-methyl-	198	C14H30	013287-21-3	74



Data Path : Z:\HPCHEM1\BNA F\DATA\BF040617\
Data File : BF094226.D
Acq On : 6 Apr 2017 14:16
Operator : SJ/MA
Sample : I2511-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
E2-CONCRETE-NW

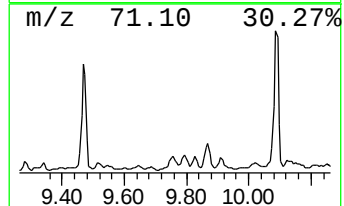
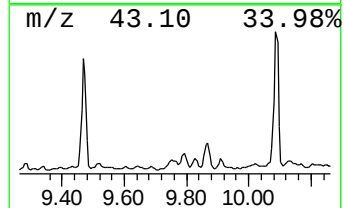
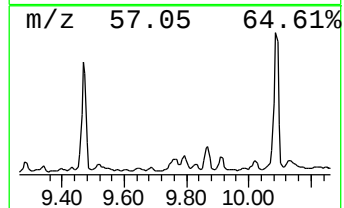
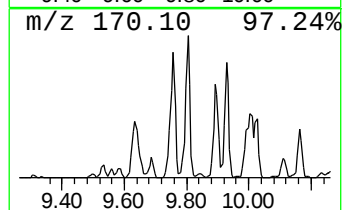
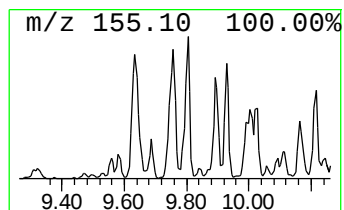
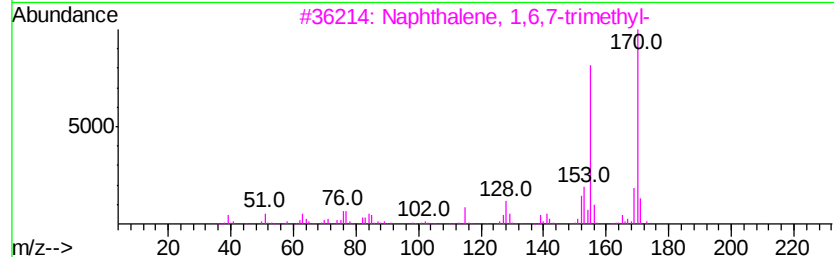
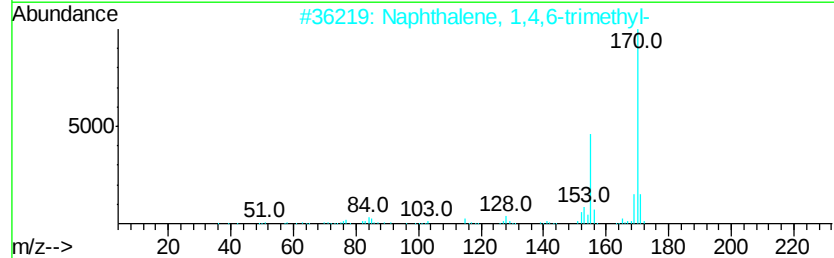
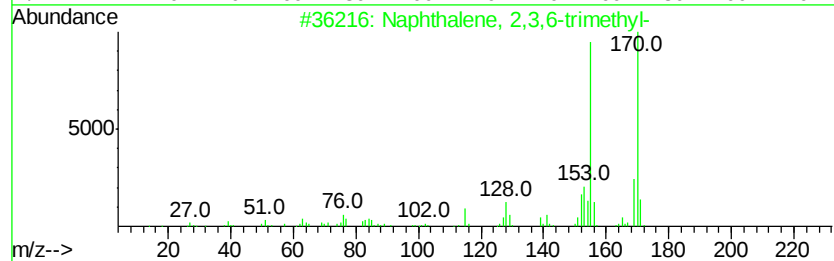
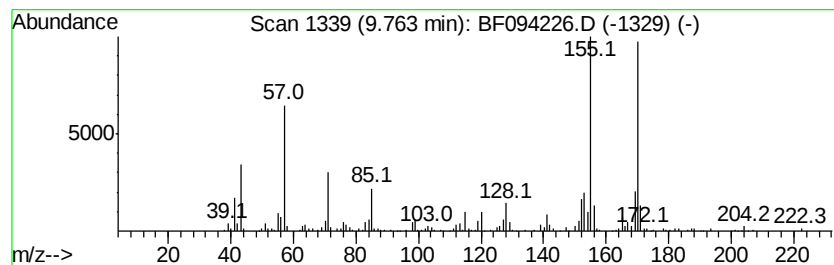
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Naphthalene, 2,3,6-trimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.76	11.26 ng	828802	Acenaphthene-d10	9.49

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	98
2		Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	97
3		Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	97
4		Azulene, 4,6,8-trimethyl-	170	C13H14	000941-81-1	93
5		1-(2,2-Dimethylcyclopropyl)-2-ph...	170	C13H14	1000294-91-1	93



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF040617\
Data File : BF094226.D
Acq On : 6 Apr 2017 14:16
Operator : SJ/MA
Sample : I2511-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

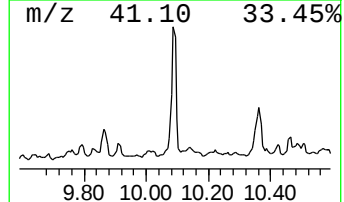
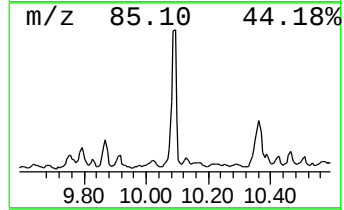
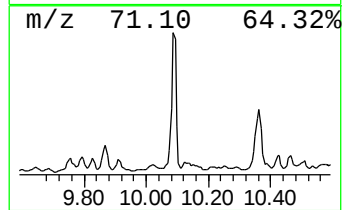
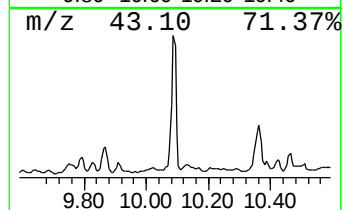
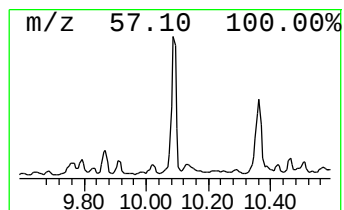
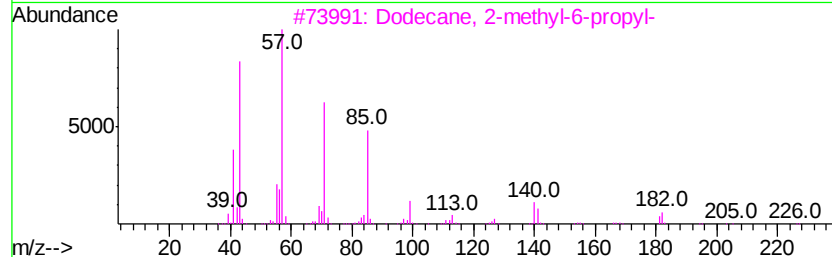
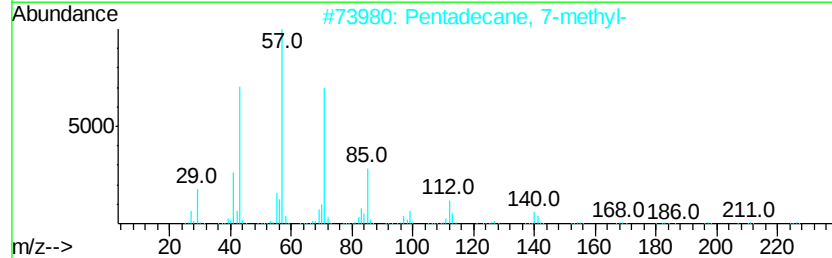
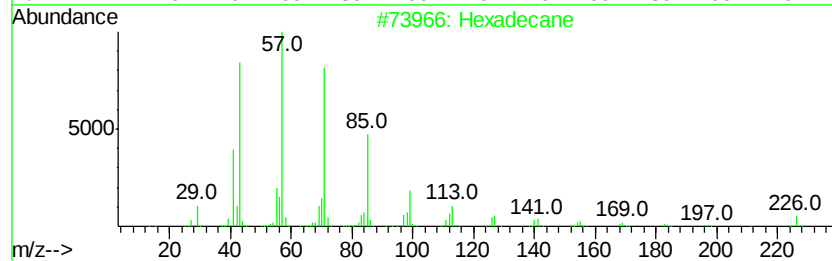
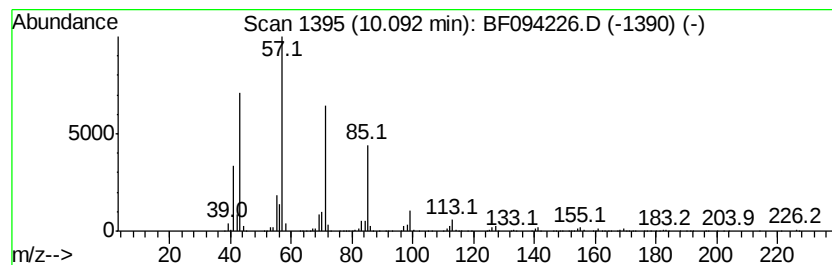
Instrument :
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Hexadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.09	19.80 ng	1457080	Acenaphthene-d10	9.49
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Hexadecane	226 C16H34	000544-76-3	94
2	Pentadecane, 7-methyl-	226 C16H34	006165-40-8	87
3	Dodecane, 2-methyl-6-propyl-	226 C16H34	055045-08-4	80
4	Nonane, 5-butyl-	184 C13H28	017312-63-9	74
5	Tetradecane, 2,6,10-trimethyl-	240 C17H36	014905-56-7	72



Data Path : Z:\HPCHEM1\BNA F\DATA\BF040617\
Data File : BF094226.D
Acq On : 6 Apr 2017 14:16
Operator : SJ/MA
Sample : I2511-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

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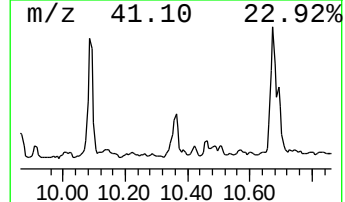
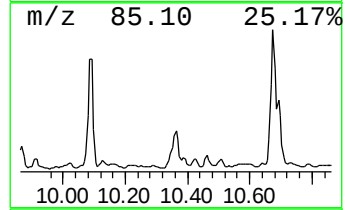
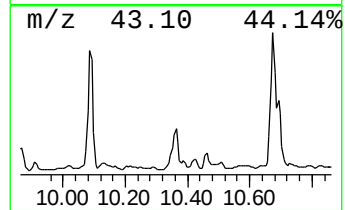
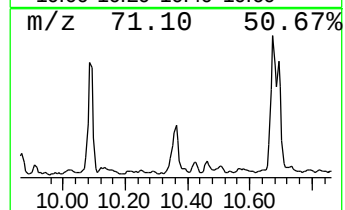
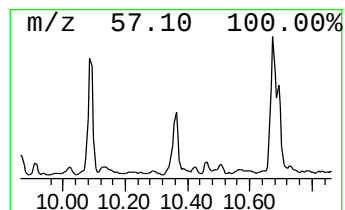
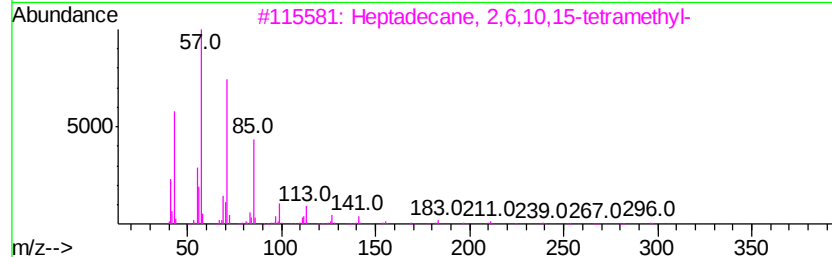
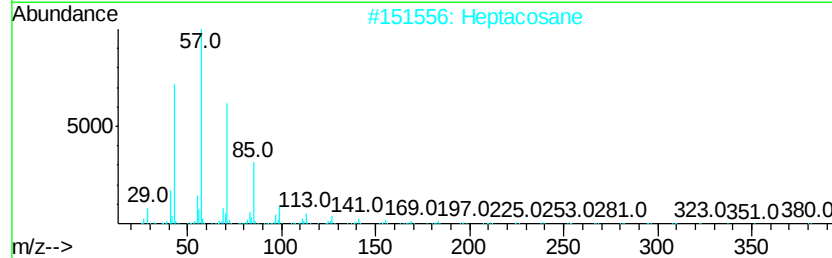
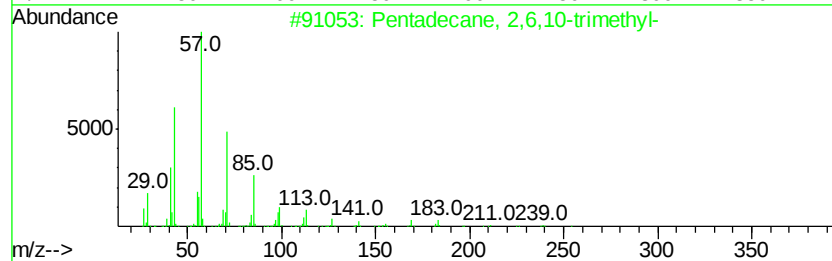
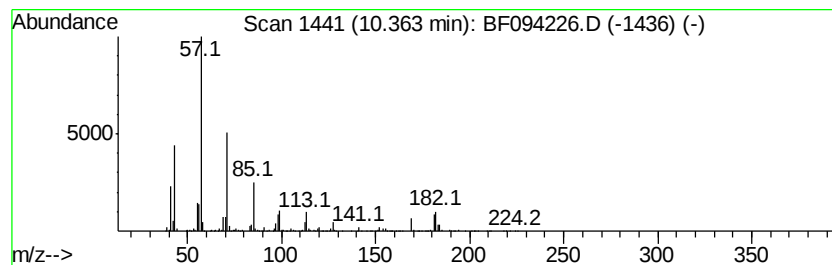
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Pentadecane, 2,6,10-trimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.36	12.43 ng	914860	Acenaphthene-d10	9.49

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	80
2		Heptacosane	380	C27H56	000593-49-7	72
3		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	64
4		Hexadecane, 7,9-dimethyl-	254	C18H38	021164-95-4	58
5		Tetracosane	338	C24H50	000646-31-1	58



Data Path : Z:\HPCHEM1\BNA F\DATA\BF040617\
Data File : BF094226.D
Acq On : 6 Apr 2017 14:16
Operator : SJ/MA
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Misc :
ALS Vial : 10 Sample Multiplier: 1

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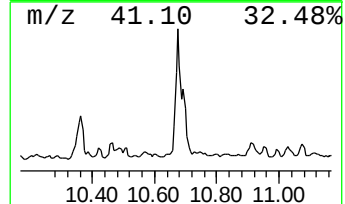
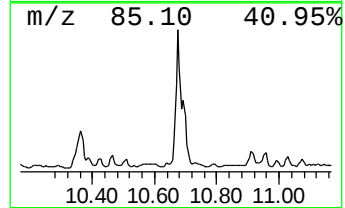
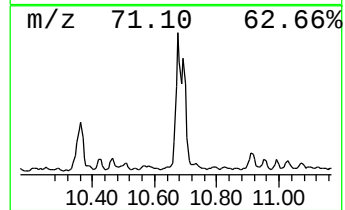
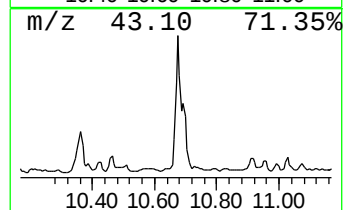
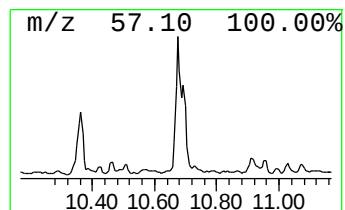
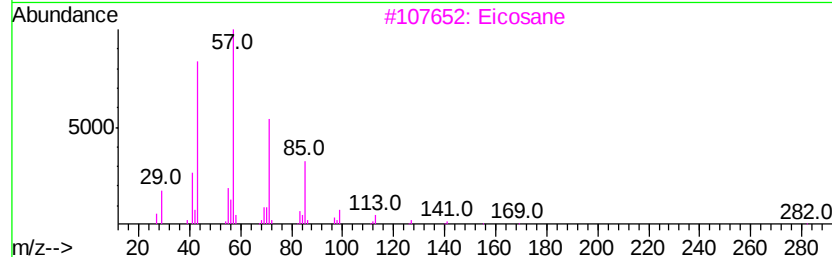
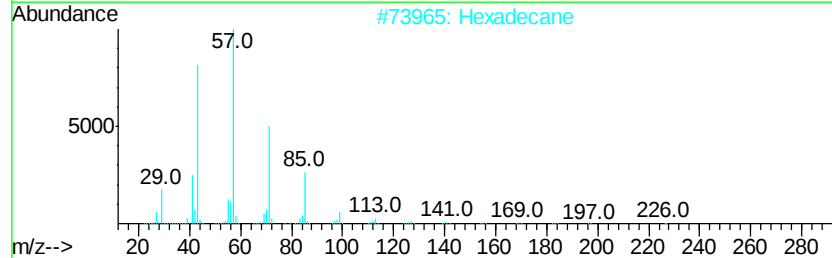
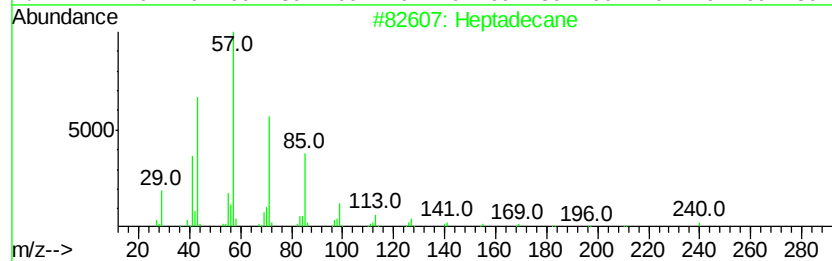
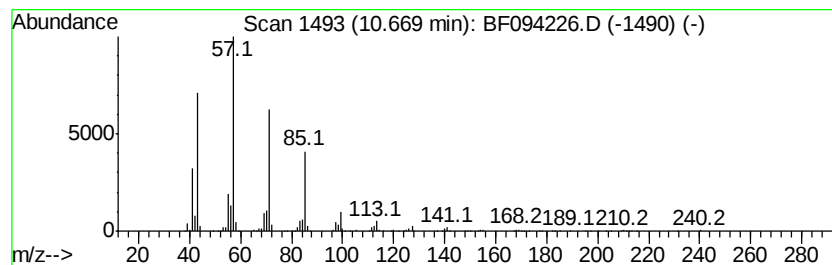
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Heptadecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.67	25.33 ng	1809230	Phenanthrene-d10	11.32

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane		240	C17H36	000629-78-7	93
2	Hexadecane		226	C16H34	000544-76-3	90
3	Eicosane		282	C20H42	000112-95-8	83
4	Dodecane, 2-methyl-6-propyl-		226	C16H34	055045-08-4	80
5	Dodecane, 1-iodo-		296	C12H25I	004292-19-7	80



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF040617\
Data File : BF094226.D
Acq On : 6 Apr 2017 14:16
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ClientSampleId :
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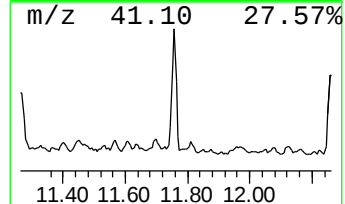
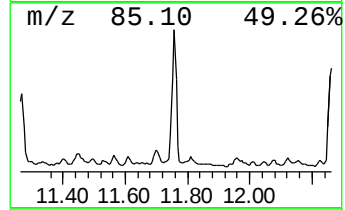
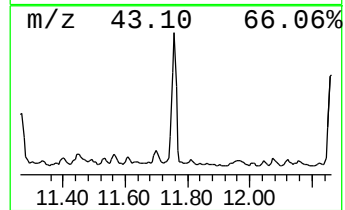
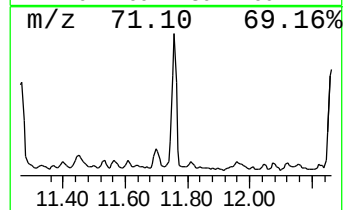
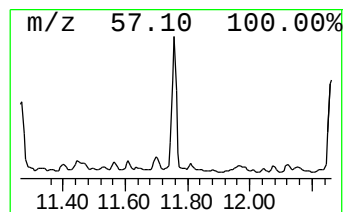
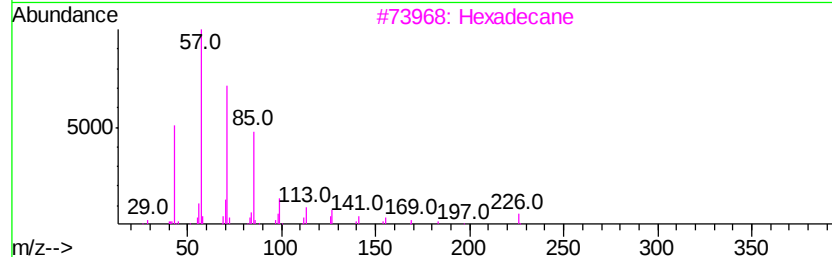
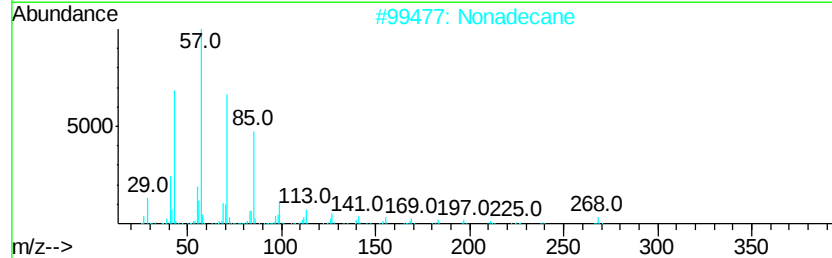
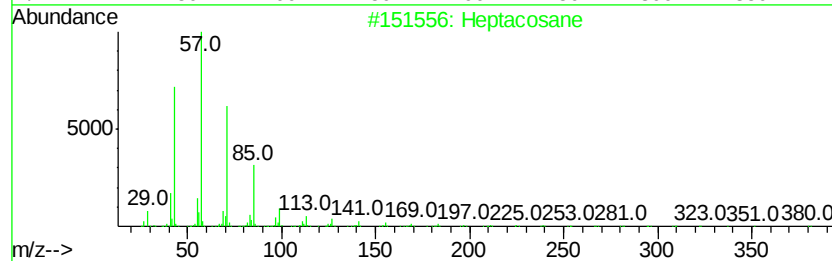
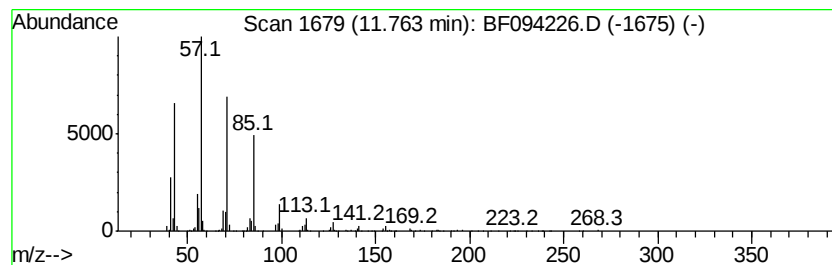
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Heptacosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.76	14.80 ng	1057220	Phenanthrene-d10	11.32

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptacosane	380	C27H56	000593-49-7	91
2		Nonadecane	268	C19H40	000629-92-5	91
3		Hexadecane	226	C16H34	000544-76-3	90
4		Tridecane, 1-iodo-	310	C13H27I	035599-77-0	90
5		Pentadecane	212	C15H32	000629-62-9	90



Data Path : Z:\HPCHEM1\BNA F\DATA\BF040617\
Data File : BF094226.D
Acq On : 6 Apr 2017 14:16
Operator : SJ/MA
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Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
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ClientSampleId :
E2-CONCRETE-NW

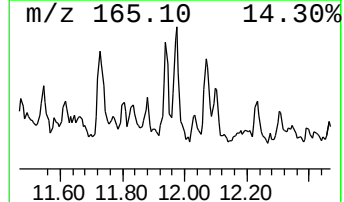
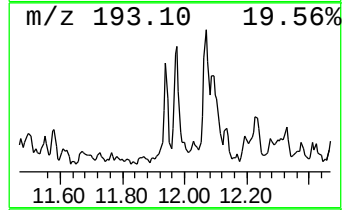
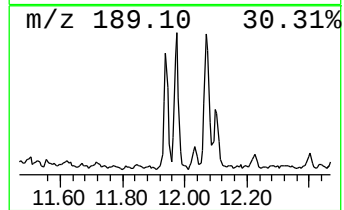
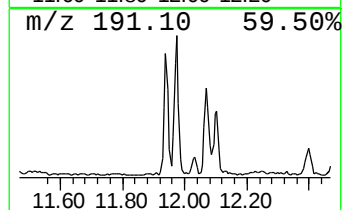
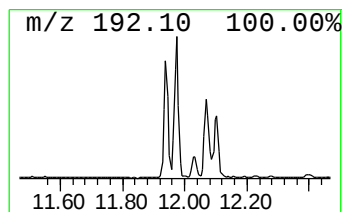
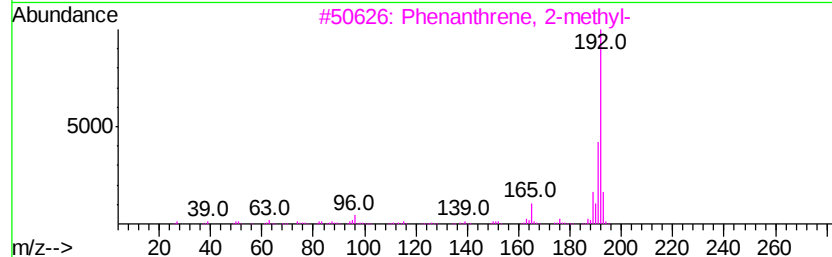
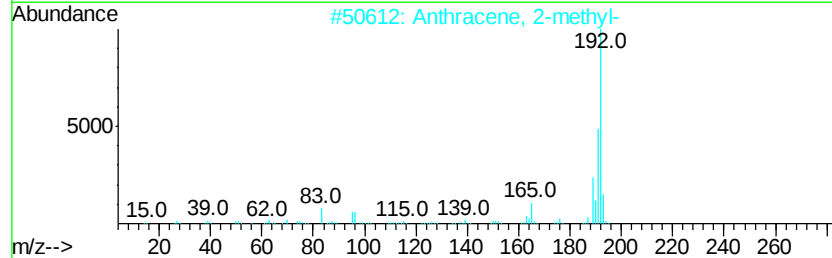
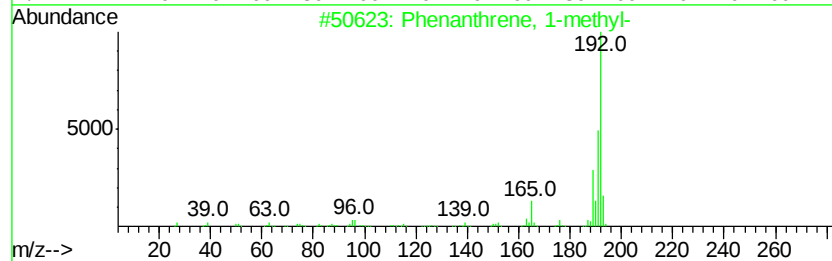
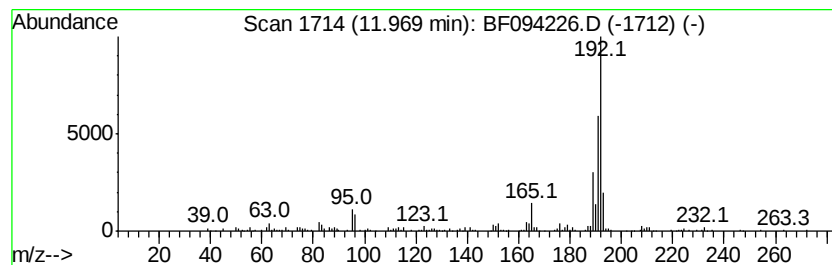
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Phenanthrene, 1-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.97	6.35 ng	453718	Phenanthrene-d10	11.32

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
2			Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
3			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
4			Anthracene, 1-methyl-	192	C15H12	000610-48-0	95
5			Anthracene, 9-methyl-	192	C15H12	000779-02-2	94



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF040617\
Data File : BF094226.D
Acq On : 6 Apr 2017 14:16
Operator : SJ/MA
Sample : I2511-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
E2-CONCRETE-NW

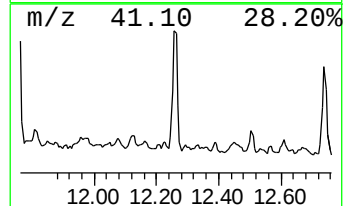
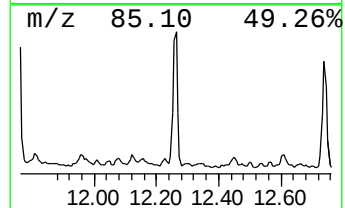
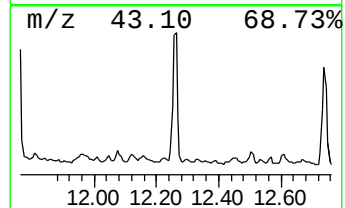
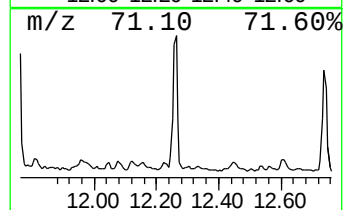
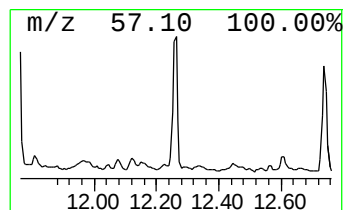
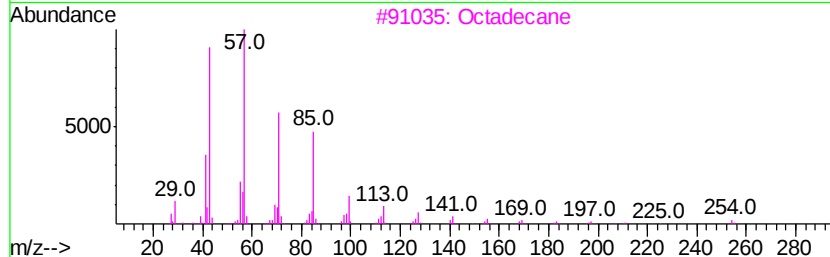
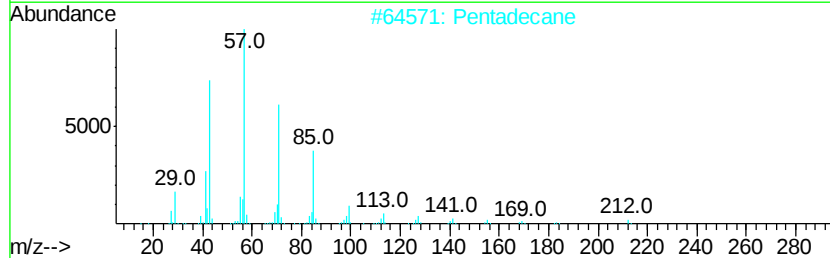
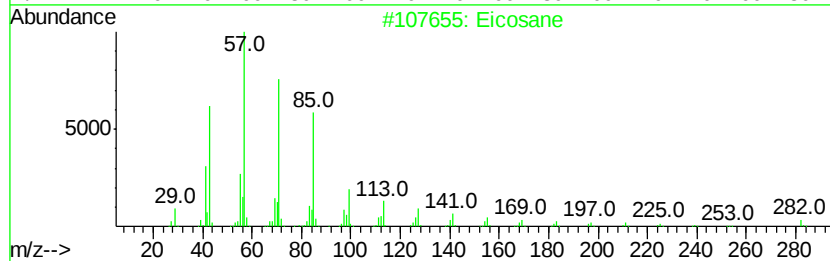
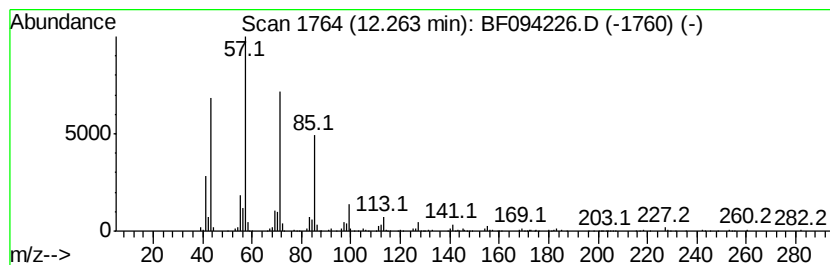
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Eicosane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.26	12.21 ng	871976	Phenanthrene-d10	11.32

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	93
2		Pentadecane	212	C15H32	000629-62-9	91
3		Octadecane	254	C18H38	000593-45-3	91
4		Hexadecane	226	C16H34	000544-76-3	90
5		2-Bromo dodecane	248	C12H25Br	013187-99-0	90



Data Path : Z:\HPCHEM1\BNA F\DATA\BF040617\
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Sample : I2511-04
Misc :
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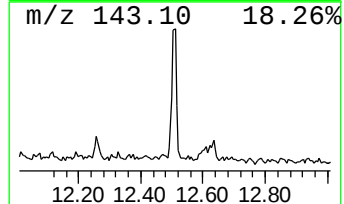
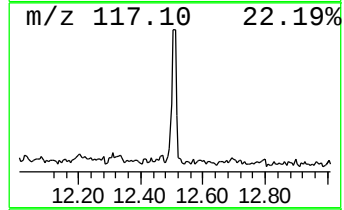
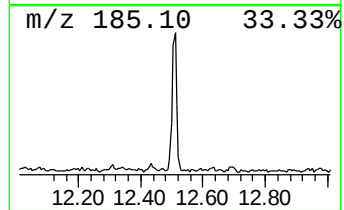
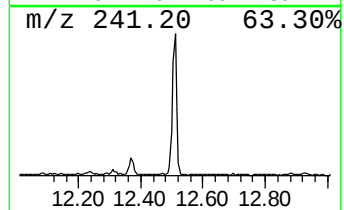
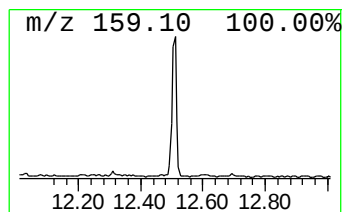
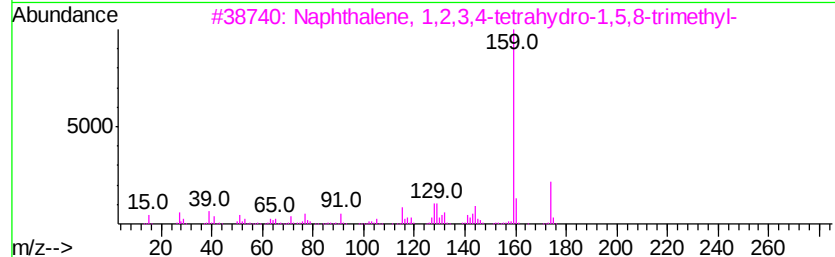
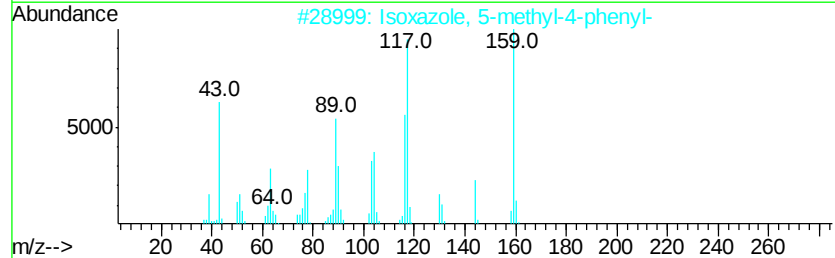
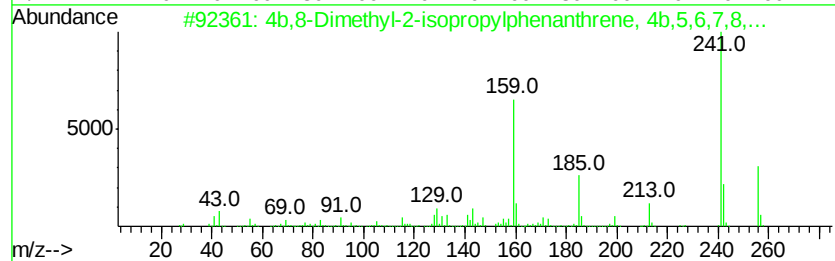
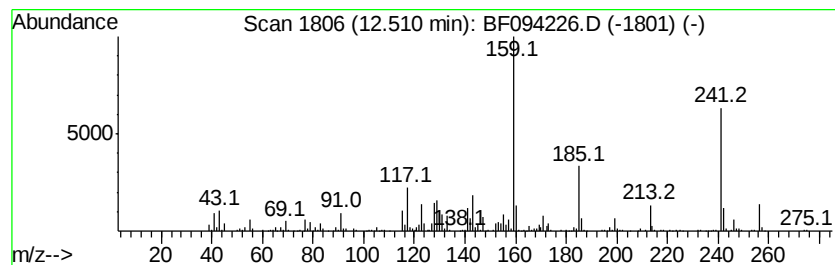
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 4b,8-Dimethyl-2-isopropylph... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD		R.T.		
12.51	7.55 ng	539284	Phenanthrene-d10		11.32		
Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	4b,8-Dimethyl-2-isopropylphenant...	256	C19H28	1000197-14-1	98		
2	Isoxazole, 5-methyl-4-phenyl-	159	C10H9NO	023253-49-8	43		
3	Naphthalene, 1,2,3,4-tetrahydro-...	174	C13H18	021693-51-6	38		
4	3-[4-Cvanophenyl)-3-dimethylamin...	246	C14H18N2O2	1000287-07-8	35		
5	Naphthalene, 6-ethyl-1,2,3,4-tet...	256	C19H28	301643-35-6	35		



Data Path : Z:\HPCHEM1\BNA F\DATA\BF040617\
Data File : BF094226.D
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Operator : SJ/MA
Sample : I2511-04
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ALS Vial : 10 Sample Multiplier: 1

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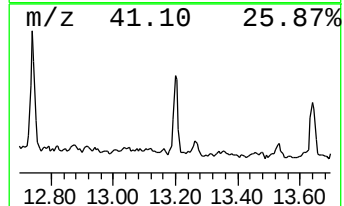
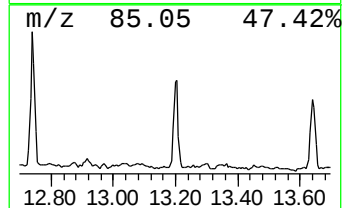
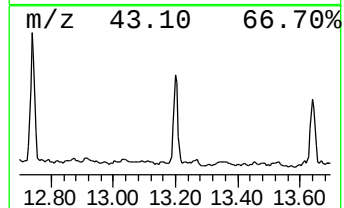
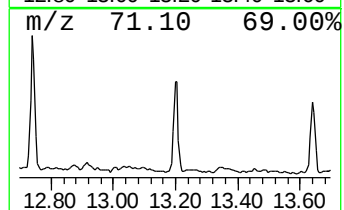
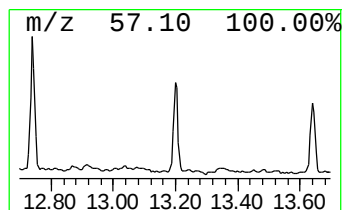
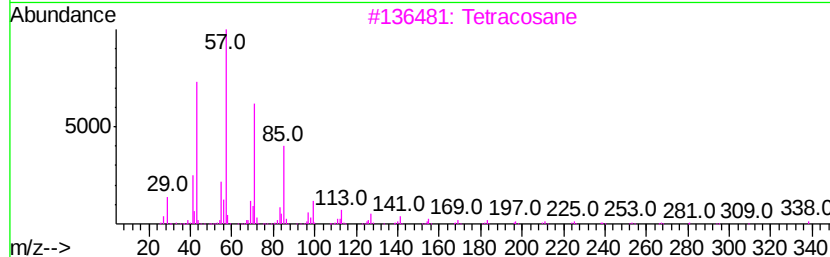
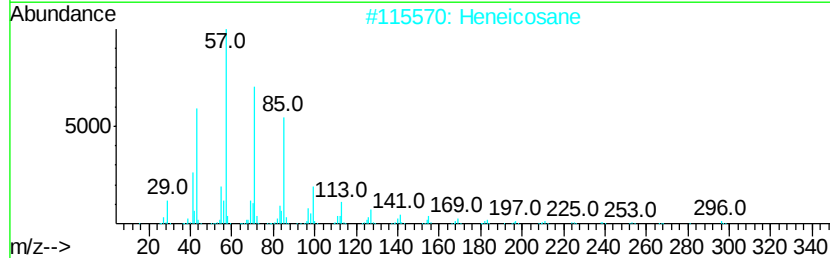
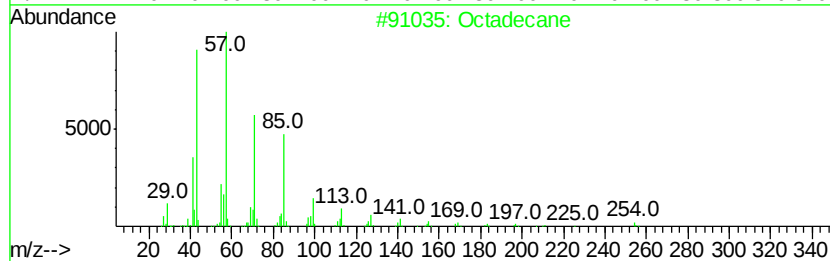
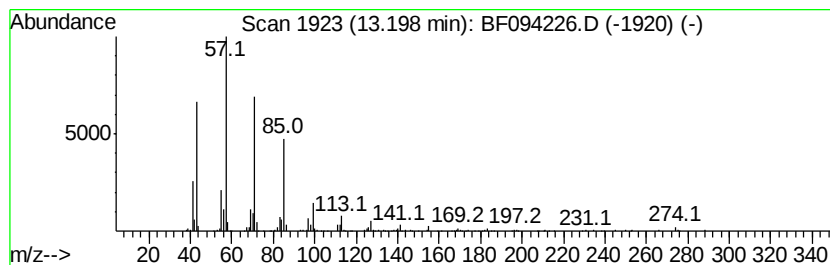
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Octadecane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.20	7.92 ng	476936	Chrysene-d12	14.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecane	254	C18H38	000593-45-3	91
2		Heneicosane	296	C21H44	000629-94-7	91
3		Tetracosane	338	C24H50	000646-31-1	91
4		Nonadecane	268	C19H40	000629-92-5	87
5		Nonacosane	408	C29H60	000630-03-5	87



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF040617\
Data File : BF094226.D
Acq On : 6 Apr 2017 14:16
Operator : SJ/MA
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Misc :
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Instrument :
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ClientSampleId :
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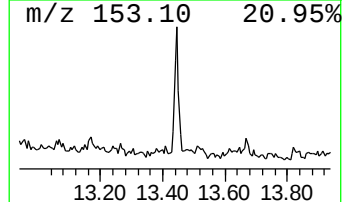
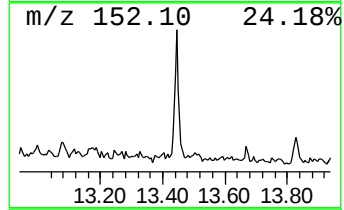
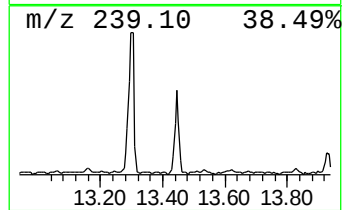
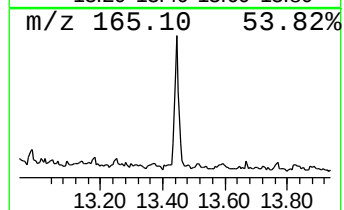
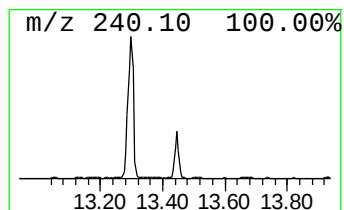
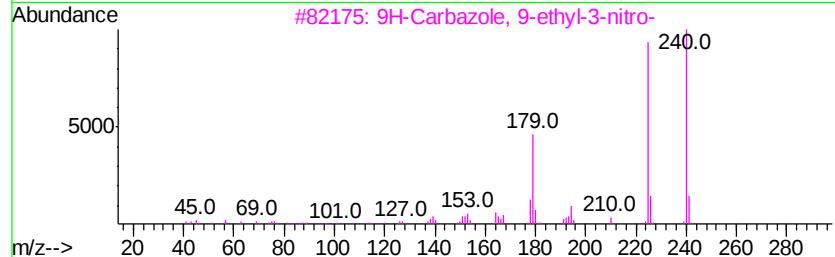
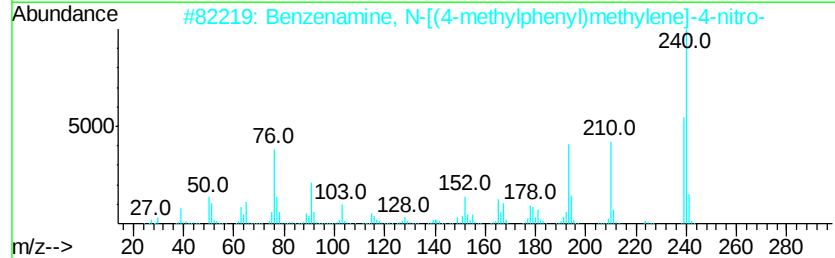
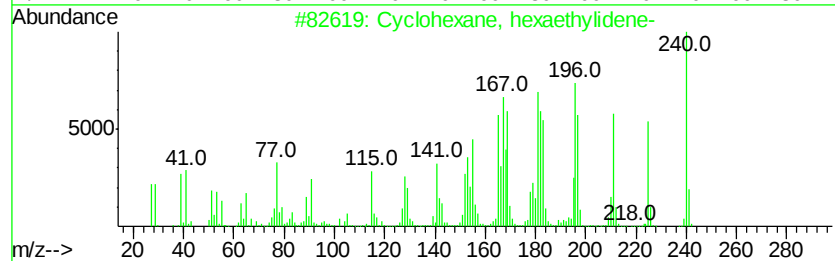
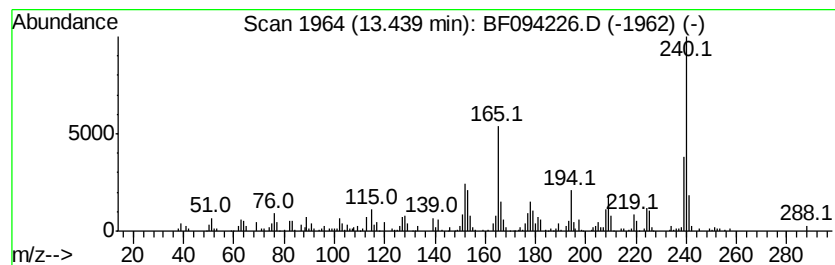
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Cyclohexane, hexaethylidene- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.44	6.36 ng	383080	Chrysene-d12	14.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, hexaethylidene-	240	C18H24	001482-93-5	83
2		Benzenamine, N-[(4-methylphenyl)...]	240	C14H12N2O2	020192-50-1	38
3		9H-Carbazole, 9-ethyl-3-nitro-	240	C14H12N2O2	000086-20-4	38
4		[1,1'-Biphenyl]-4,4'-diamine, 3,...	240	C16H20N2	054827-17-7	38
5		Benzenamine, 4-[2-(4-nitrophenyl)...]	240	C14H12N2O2	004629-58-7	35



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF040617\
Data File : BF094226.D
Acq On : 6 Apr 2017 14:16
Operator : SJ/MA
Sample : I2511-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
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ClientSampleId :
E2-CONCRETE-NW

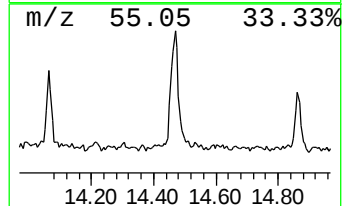
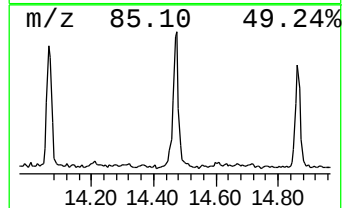
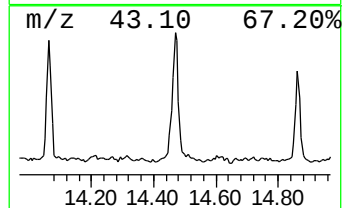
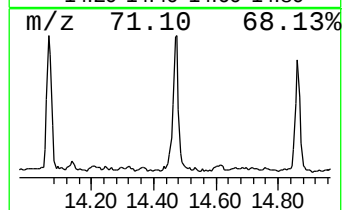
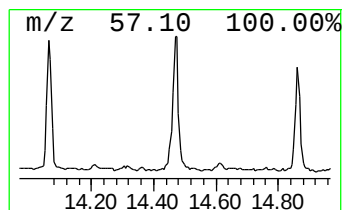
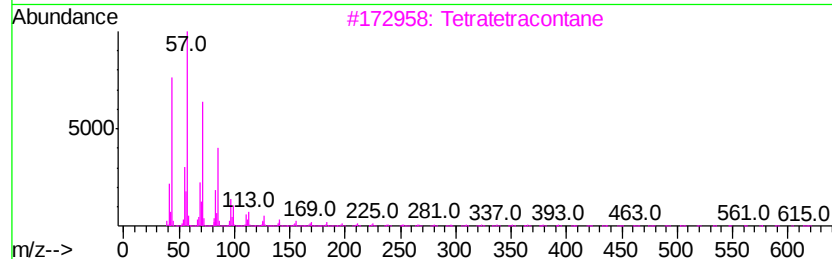
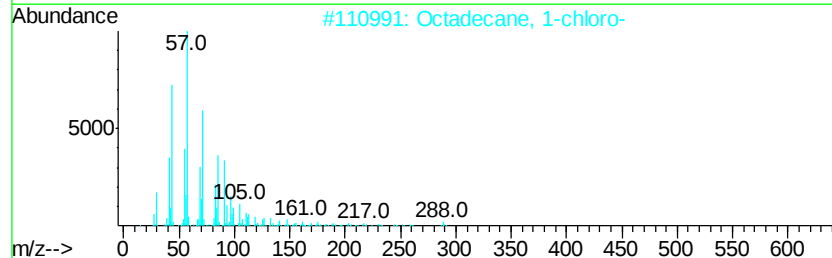
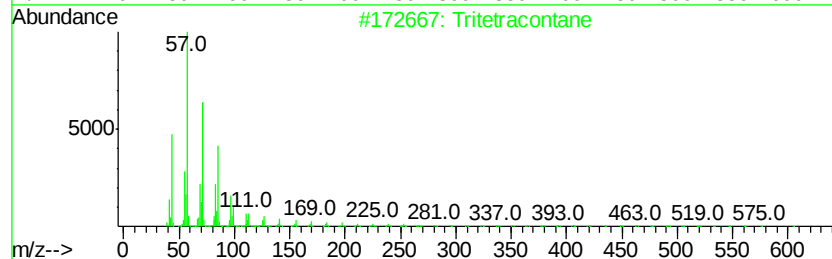
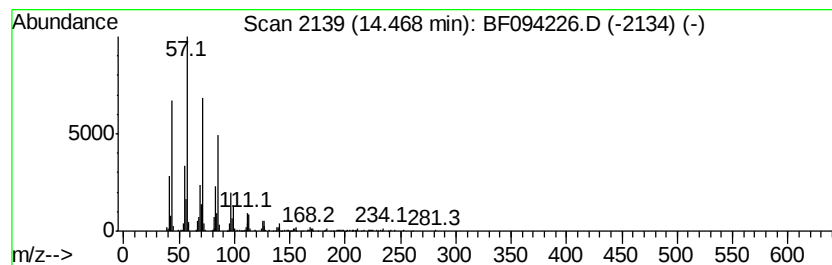
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Tritetracontane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.47	9.94 ng	598746	Chrysene-d12	14.56

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tritetracontane	605	C43H88	007098-21-7	91
2			Octadecane, 1-chloro-	288	C18H37Cl	003386-33-2	91
3			Tetratetracontane	619	C44H90	007098-22-8	87
4			1-Hexadecene	224	C16H32	000629-73-2	86
5			Tetradecane, 1-chloro-	232	C14H29Cl	002425-54-9	81



Data Path : Z:\HPCHEM1\BNA F\DATA\BF040617\
Data File : BF094226.D
Acq On : 6 Apr 2017 14:16
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Misc :
ALS Vial : 10 Sample Multiplier: 1

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ClientSampleId :
E2-CONCRETE-NW

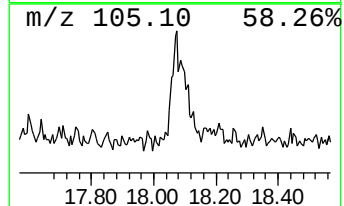
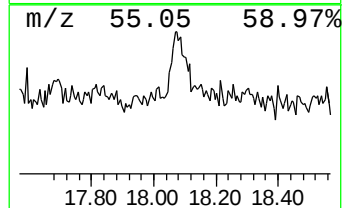
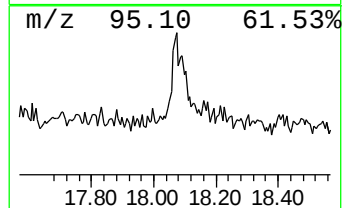
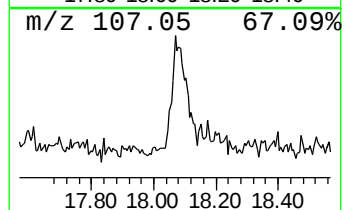
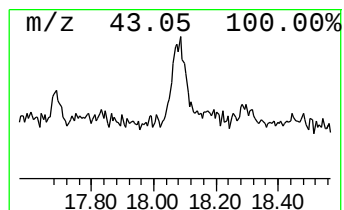
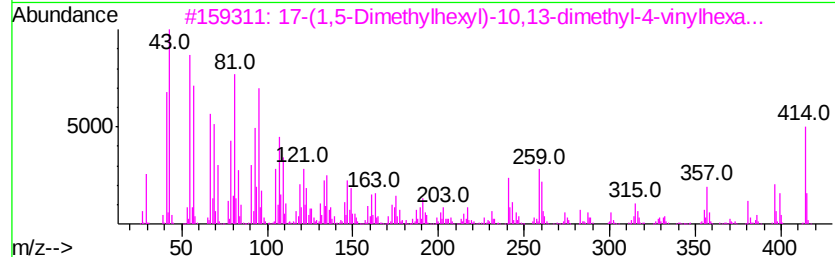
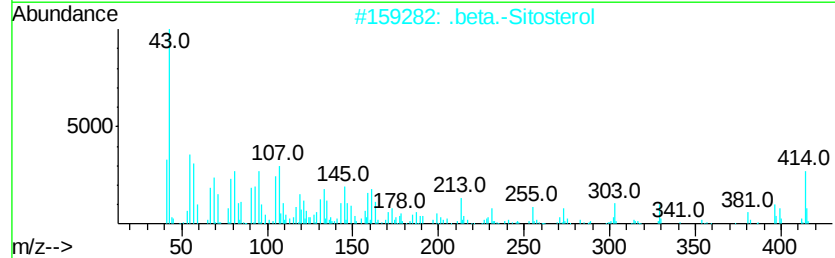
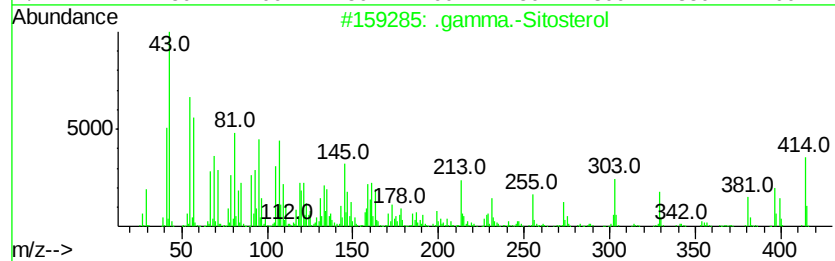
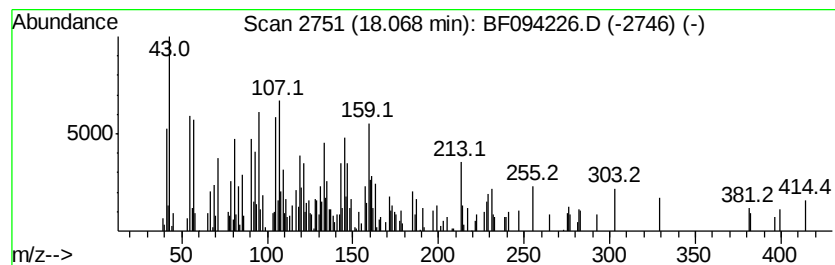
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 .gamma.-Sitosterol Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.07	8.82 ng	362395	Perylene-d12	16.19

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			.gamma.-Sitosterol	414	C29H50O	000083-47-6	94
2			.beta.-Sitosterol	414	C29H50O	000083-46-5	93
3			17-(1,5-Dimethylhexyl)-10,13-dim...	414	C29H50O	1000210-86-9	42
4			.beta.-Sitosterol acetate	456	C31H52O2	000915-05-9	37
5			Cholest-5-ene, 3-ethoxy-, (3.bet...	414	C29H50O	000986-19-6	27



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF040617\
 Data File : BF094226.D
 Acq On : 6 Apr 2017 14:16
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 Sample : I2511-04
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 E2-CONCRETE-NW

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032217.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
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2-Pentanone, 4-hy...	4.02	141.3	ng	6651190	1	5.85	941219	20.0
unknown5.59	5.59	32.8	ng	1544990	1	5.85	941219	20.0
Tetradecane	8.82	9.1	ng	668999	3	9.49	1471860	20.0
Naphthalene, 2,3,...	9.76	11.3	ng	828802	3	9.49	1471860	20.0
Hexadecane	10.09	19.8	ng	1457080	3	9.49	1471860	20.0
Pentadecane, 2,6,...	10.36	12.4	ng	914860	3	9.49	1471860	20.0
Heptadecane	10.67	25.3	ng	1809230	4	11.32	1428340	20.0
Heptacosane	11.76	14.8	ng	1057220	4	11.32	1428340	20.0
Phenanthrene, 1-m...	11.97	6.3	ng	453718	4	11.32	1428340	20.0
Eicosane	12.26	12.2	ng	871976	4	11.32	1428340	20.0
4b,8-Dimethyl-2-i...	12.51	7.5	ng	539284	4	11.32	1428340	20.0
Octadecane	13.20	7.9	ng	476936	5	14.56	1204150	20.0
Cyclohexane, hexa...	13.44	6.4	ng	383080	5	14.56	1204150	20.0
Tritetracontane	14.47	9.9	ng	598746	5	14.56	1204150	20.0
.gamma.-Sitosterol	18.07	8.8	ng	362395	6	16.19	822012	20.0