

Data Path : Z:\HPCHEM1\BNA F\Data\BF032417\
 Data File : BF093930.D
 Acq On : 25 Mar 2017 2:09
 Operator : SJ/MA
 Sample : I2367-01
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 E2-B4567-CONCRETE

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	2.040	22	26	35	rVB	72558	91109	2.41%	0.158%
2	3.569	281	286	291	rBV	657208	671889	17.80%	1.167%
3	4.110	371	378	381	rBV	2039814	2434532	64.50%	4.227%
4	4.493	438	443	446	rBV	2601984	2350165	62.27%	4.081%
5	5.504	611	615	618	rBV	114196	113234	3.00%	0.197%
6	5.557	618	624	630	rVB	2817212	3263419	86.46%	5.666%
7	5.704	644	649	652	rBV	2777458	2718702	72.03%	4.721%
8	5.957	688	692	696	rBV	1023090	954141	25.28%	1.657%
9	6.140	718	723	727	rVB	2850845	2768345	73.35%	4.807%
10	6.257	739	743	746	rBV	480999	437308	11.59%	0.759%
11	6.439	765	774	780	rBV	609820	648124	17.17%	1.125%
12	6.522	786	788	795	rVB	581285	596598	15.81%	1.036%
13	6.610	796	803	806	rVV	2076629	2193392	58.11%	3.808%
14	6.963	859	863	868	rBV	264568	242263	6.42%	0.421%
15	7.069	877	881	882	rVV	654238	635565	16.84%	1.104%
16	7.081	882	883	887	rVB	392913	291753	7.73%	0.507%
17	7.210	899	905	911	rBV2	547759	1068348	28.31%	1.855%
18	7.298	915	920	923	rBV2	219493	286401	7.59%	0.497%
19	7.410	935	939	944	rBV2	303239	418372	11.08%	0.726%
20	7.463	944	948	955	rVB	1264508	1625745	43.07%	2.823%
21	7.675	981	984	989	rVB	187864	189964	5.03%	0.330%
22	7.763	996	999	1003	rVB	343386	304502	8.07%	0.529%
23	7.804	1003	1006	1009	rBV	164445	143241	3.80%	0.249%
24	7.916	1022	1025	1031	rBV3	290552	309317	8.20%	0.537%
25	8.016	1037	1042	1048	rBV2	267757	466108	12.35%	0.809%
26	8.228	1073	1078	1083	rBV	592559	643894	17.06%	1.118%
27	8.333	1092	1096	1101	rVB2	451988	533434	14.13%	0.926%
28	8.386	1101	1105	1109	rBV5	54379	91372	2.42%	0.159%
29	8.451	1113	1116	1119	rVB	217906	176168	4.67%	0.306%
30	8.575	1135	1137	1139	rVV2	99750	103757	2.75%	0.180%
31	8.598	1139	1141	1144	rVV3	119731	118723	3.15%	0.206%
32	8.633	1144	1147	1151	rVB3	101802	118854	3.15%	0.206%
33	8.675	1151	1154	1158	rVB2	148311	160225	4.25%	0.278%
34	8.728	1159	1163	1165	rBV3	132052	155093	4.11%	0.269%

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35	8.757	1165	1168	1169	rVV	342620	302826	8.02%	0.526%
36	8.792	1169	1174	1177	rVB	3379262	3774323	100.00%	6.553%
37	8.922	1190	1196	1202	rBV	743690	875835	23.21%	1.521%
38	9.022	1210	1213	1219	rVB2	159871	188101	4.98%	0.327%
39	9.098	1223	1226	1233	rBV2	333938	535629	14.19%	0.930%
40	9.198	1237	1243	1245	rBV	408705	492281	13.04%	0.855%
41	9.228	1245	1248	1252	rBV2	339785	339769	9.00%	0.590%
42	9.280	1255	1257	1259	rVB	181846	125279	3.32%	0.218%
43	9.322	1259	1264	1266	rBV2	346246	440731	11.68%	0.765%
44	9.439	1281	1284	1289	rVB2	130271	188798	5.00%	0.328%
45	9.580	1304	1308	1310	rBV	926135	940269	24.91%	1.633%
46	9.610	1310	1313	1317	rVV	1223764	1364728	36.16%	2.370%
47	9.645	1317	1319	1321	rVV	198277	170349	4.51%	0.296%
48	9.745	1333	1336	1342	rBV	223579	343466	9.10%	0.596%
49	9.798	1342	1345	1348	rVB3	136275	135618	3.59%	0.235%
50	9.869	1348	1357	1360	rBV4	355830	656553	17.40%	1.140%
51	9.916	1360	1365	1367	rBV2	284075	361408	9.58%	0.628%
52	9.975	1372	1375	1378	rVB	279887	281121	7.45%	0.488%
53	10.010	1378	1381	1384	rBV2	216780	287713	7.62%	0.500%
54	10.045	1384	1387	1390	rVB	236025	250287	6.63%	0.435%
55	10.122	1395	1400	1402	rBV2	190024	254493	6.74%	0.442%
56	10.198	1409	1413	1416	rBV	957848	837736	22.20%	1.455%
57	10.280	1424	1427	1430	rVB	280192	271873	7.20%	0.472%
58	10.327	1431	1435	1437	rBV3	149818	215223	5.70%	0.374%
59	10.469	1451	1459	1463	rBV3	443880	687442	18.21%	1.194%
60	10.575	1473	1477	1480	rBV2	837769	881579	23.36%	1.531%
61	10.745	1504	1506	1509	rBV2	102055	99382	2.63%	0.173%
62	10.780	1509	1512	1514	rVV	936162	955638	25.32%	1.659%
63	10.798	1514	1515	1520	rVB	620180	532124	14.10%	0.924%
64	10.992	1546	1548	1551	rBV2	89012	88723	2.35%	0.154%
65	11.022	1551	1553	1557	rVV3	122274	155120	4.11%	0.269%
66	11.063	1557	1560	1563	rVB2	151633	148456	3.93%	0.258%
67	11.133	1569	1572	1577	rVB4	90380	140873	3.73%	0.245%
68	11.333	1603	1606	1610	rVV	680487	680168	18.02%	1.181%
69	11.374	1610	1613	1617	rVB	393711	428348	11.35%	0.744%
70	11.433	1619	1623	1625	rBV	971140	976661	25.88%	1.696%
71	11.457	1625	1627	1631	rVB	441101	435033	11.53%	0.755%

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72	11.522	1634	1638	1641	rVB2	106148	118520	3.14%	0.206%
73	11.810	1684	1687	1689	rBV	84341	85376	2.26%	0.148%
74	11.863	1693	1696	1700	rVB	517509	485019	12.85%	0.842%
75	12.057	1726	1729	1732	rBV2	118483	154293	4.09%	0.268%
76	12.092	1732	1735	1738	rVB2	158652	180948	4.79%	0.314%
77	12.139	1741	1743	1748	rVB3	93103	106835	2.83%	0.185%
78	12.186	1748	1751	1755	rBV2	163029	184930	4.90%	0.321%
79	12.369	1779	1782	1786	rVB	404206	400672	10.62%	0.696%
80	12.416	1787	1790	1793	rBV3	101393	129584	3.43%	0.225%
81	12.510	1802	1806	1810	rVB2	489997	492396	13.05%	0.855%
82	12.557	1811	1814	1817	rVV3	78032	105339	2.79%	0.183%
83	12.621	1821	1825	1832	rVB2	437866	547221	14.50%	0.950%
84	12.733	1841	1844	1848	rVB3	135266	177160	4.69%	0.308%
85	12.780	1848	1852	1855	rVV5	121971	147609	3.91%	0.256%
86	12.851	1858	1864	1867	rVB2	238639	292746	7.76%	0.508%
87	12.921	1873	1876	1879	rVB	298287	279422	7.40%	0.485%
88	12.998	1886	1889	1893	rVB	190290	217824	5.77%	0.378%
89	13.198	1919	1923	1928	rVB	277140	313058	8.29%	0.544%
90	13.310	1939	1942	1947	rVB	148784	147014	3.90%	0.255%
91	13.410	1952	1959	1963	rVV2	2233632	2549086	67.54%	4.426%
92	13.557	1981	1984	1991	rBV2	261941	343174	9.09%	0.596%
93	13.651	1997	2000	2004	rVB3	120981	117384	3.11%	0.204%
94	13.751	2014	2017	2020	rVV2	111993	135568	3.59%	0.235%
95	14.010	2058	2061	2064	rVV	114279	131039	3.47%	0.228%
96	14.568	2152	2156	2163	rVB2	150471	256144	6.79%	0.445%
97	14.686	2170	2176	2179	rBV	788329	974951	25.83%	1.693%
98	15.351	2286	2289	2295	rBV	126804	158554	4.20%	0.275%
99	16.321	2450	2454	2462	rVB	597023	746234	19.77%	1.296%
100	18.292	2783	2789	2802	rVB6	180808	446980	11.84%	0.776%

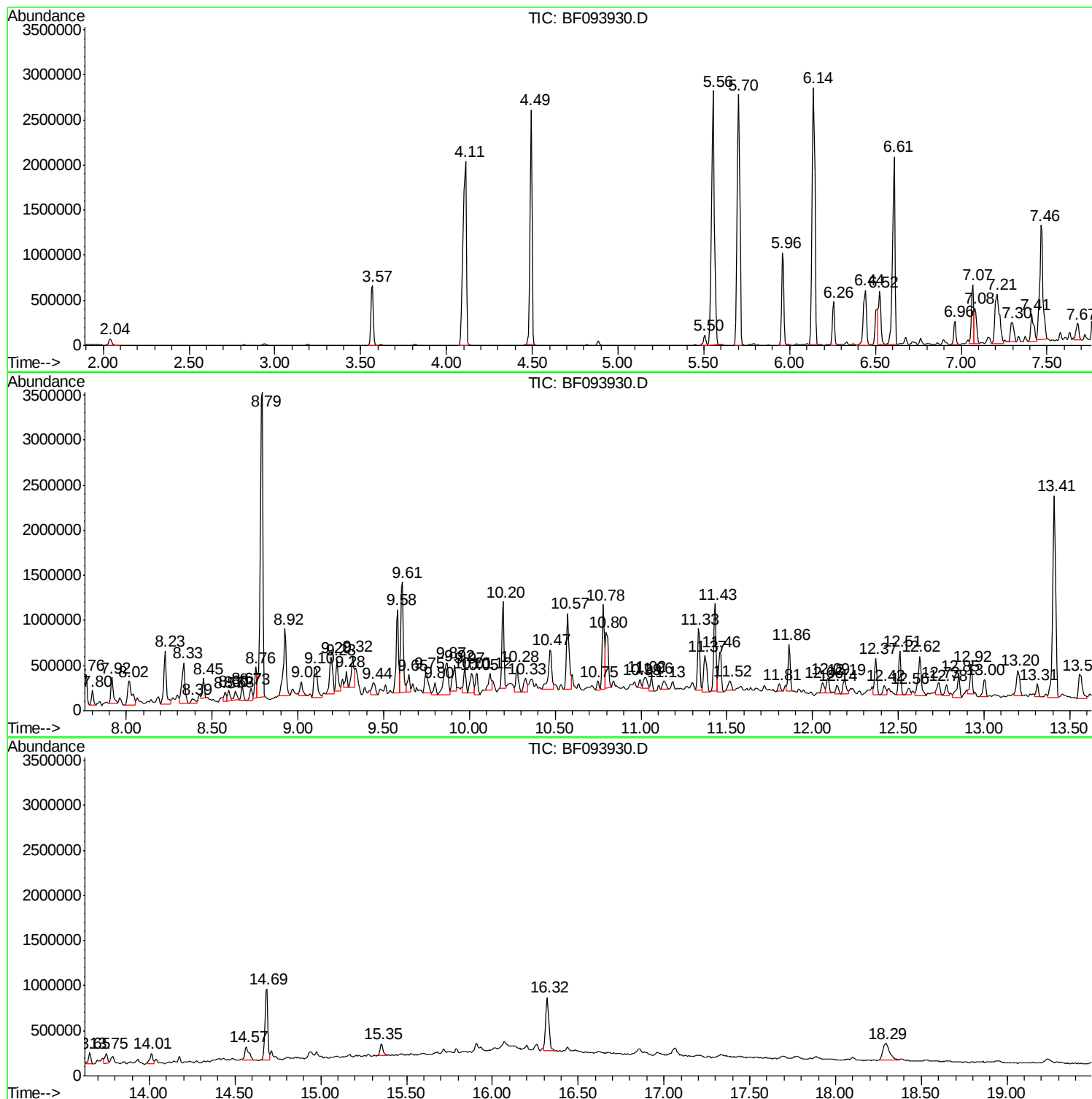
Sum of corrected areas: 57593093

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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



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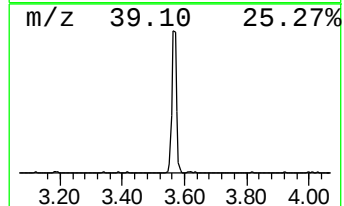
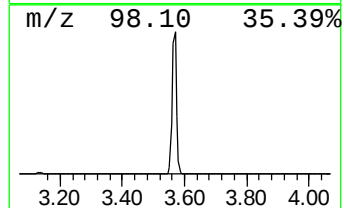
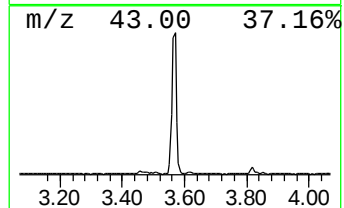
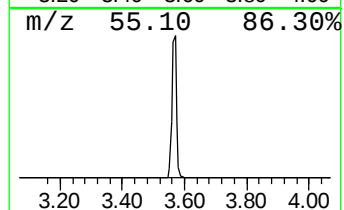
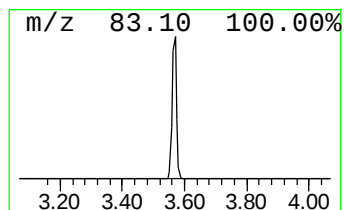
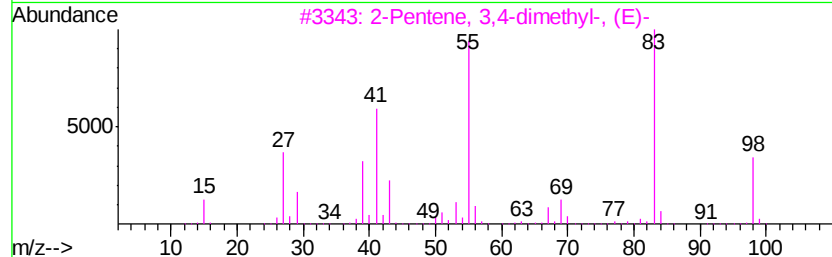
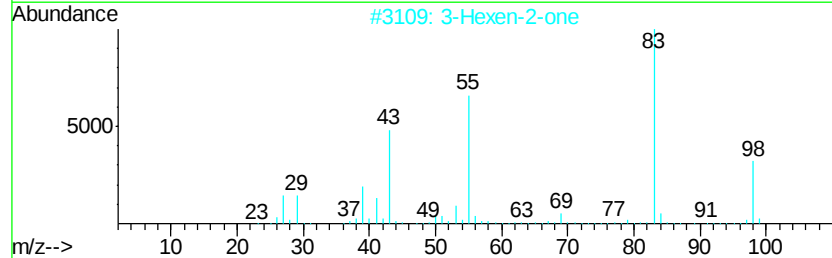
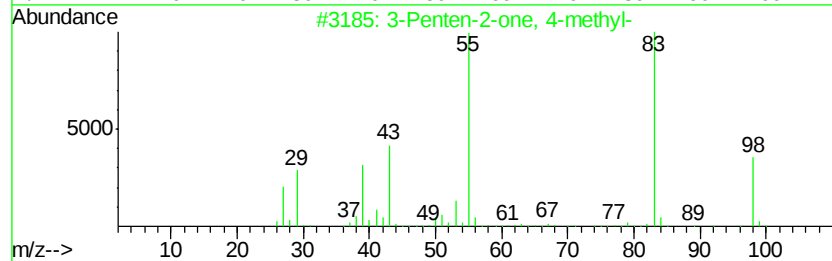
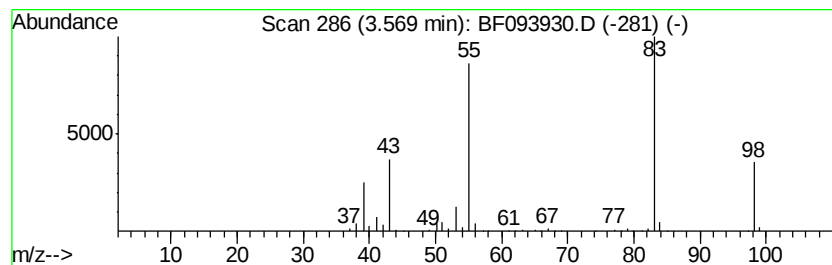
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 3-Penten-2-one, 4-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.57	14.08 ng	671889	1,4-Dichlorobenzene-d4	5.96

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	90
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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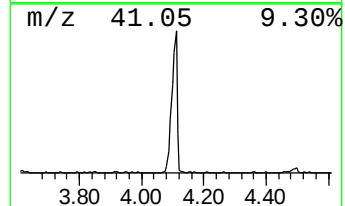
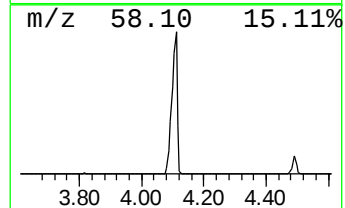
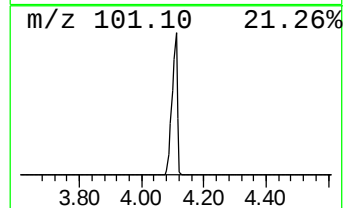
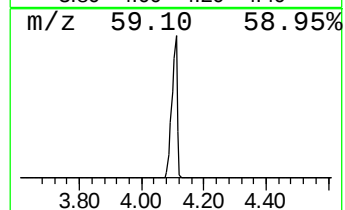
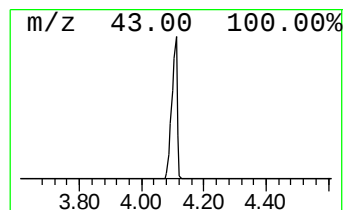
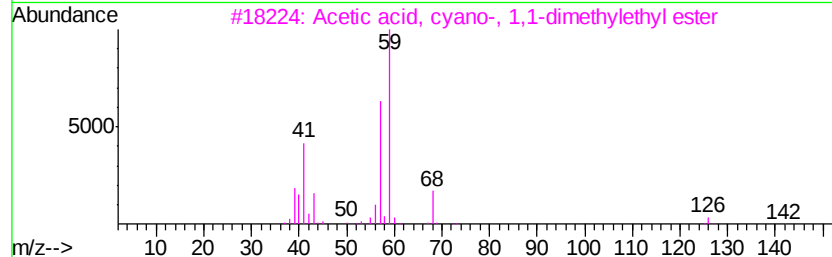
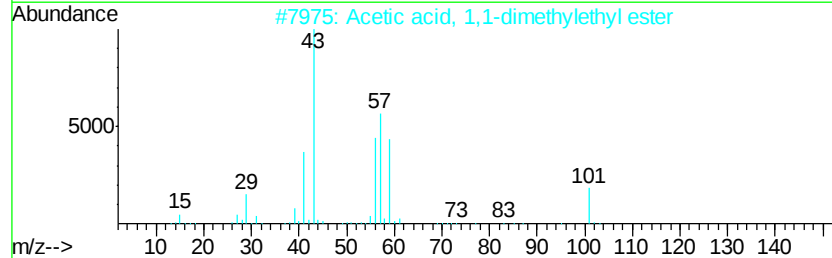
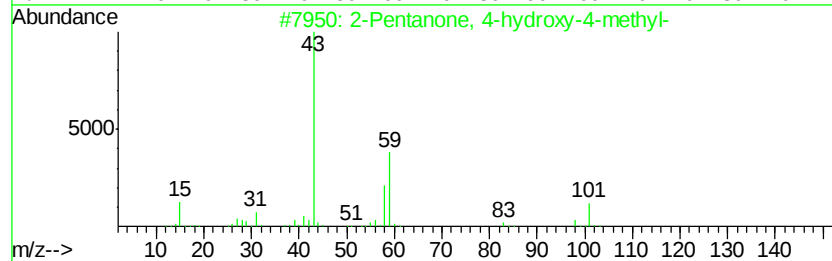
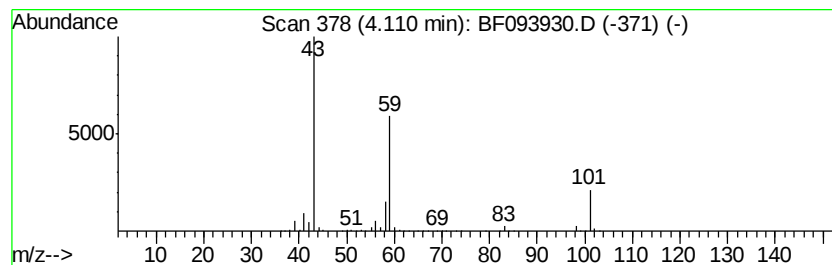
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.11	51.03 ng	2434530	1,4-Dichlorobenzene-d4	5.96

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	72
2		Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
3		Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
4		Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
5		2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9



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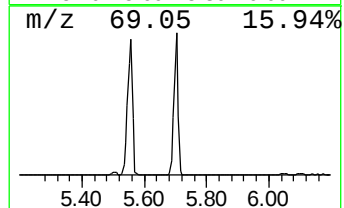
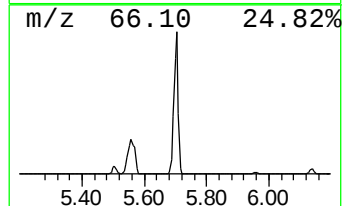
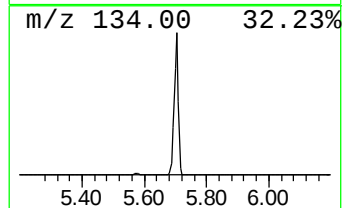
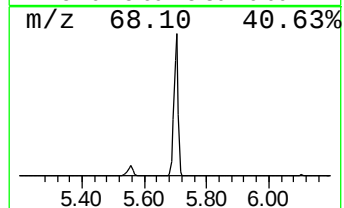
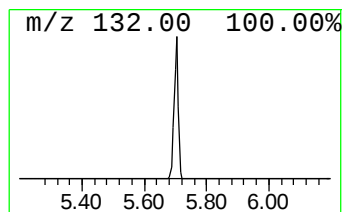
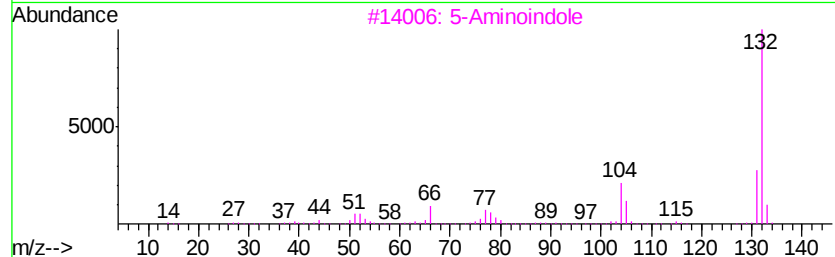
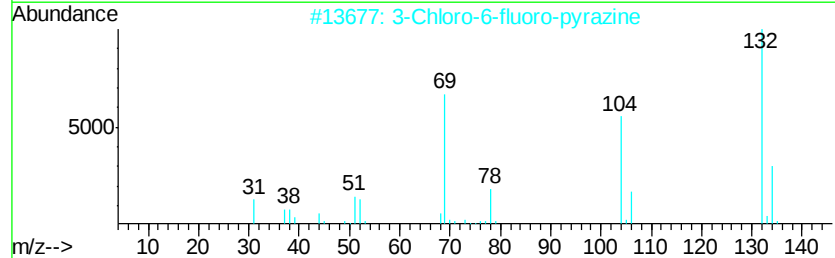
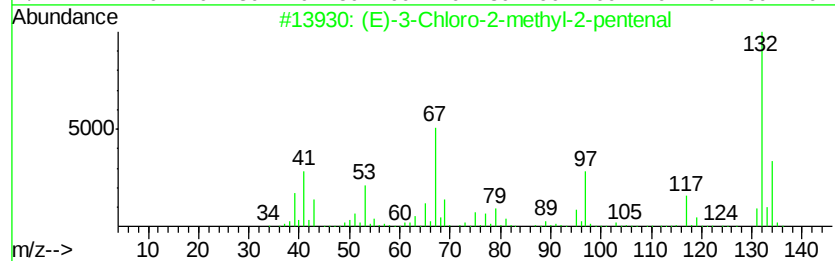
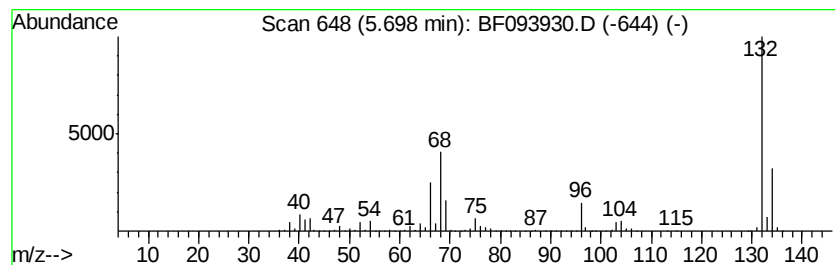
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 unknown5.70 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.70	56.99 ng	2718700	1,4-Dichlorobenzene-d4	5.96

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	27
2		3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
3		5-Aminoindole	132	C8H8N2	005192-03-0	12
4		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
5		2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9



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Acq On : 25 Mar 2017 2:09
Operator : SJ/MA
Sample : I2367-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

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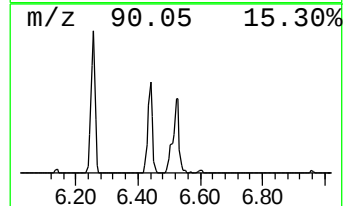
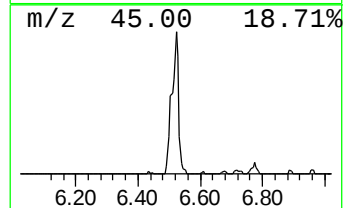
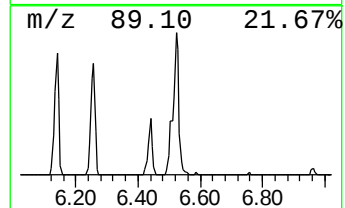
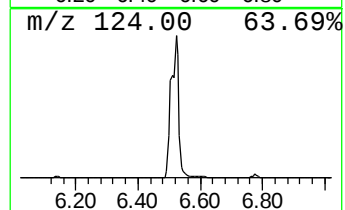
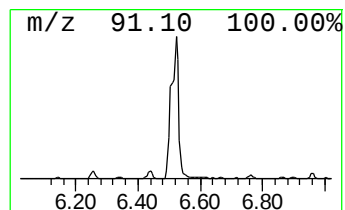
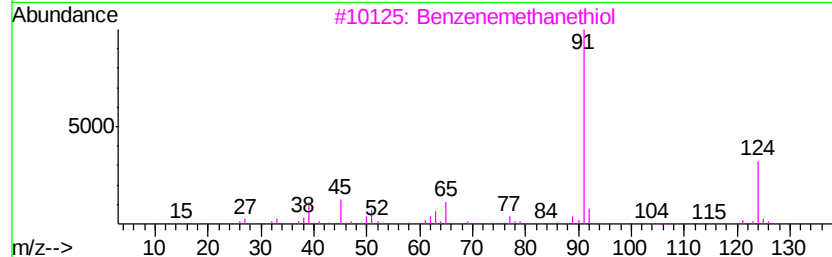
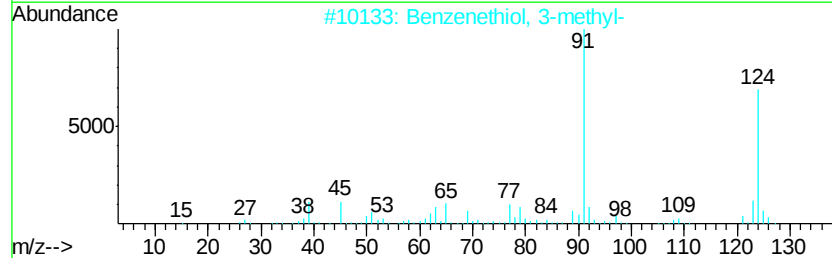
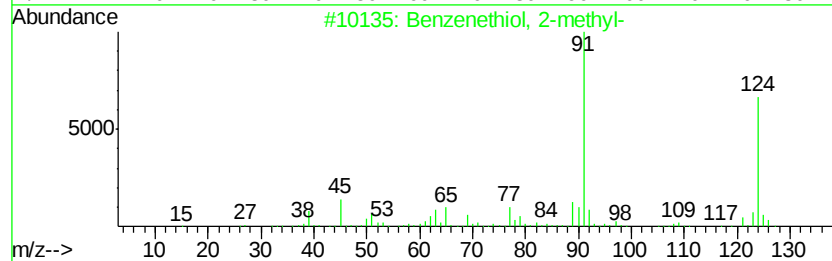
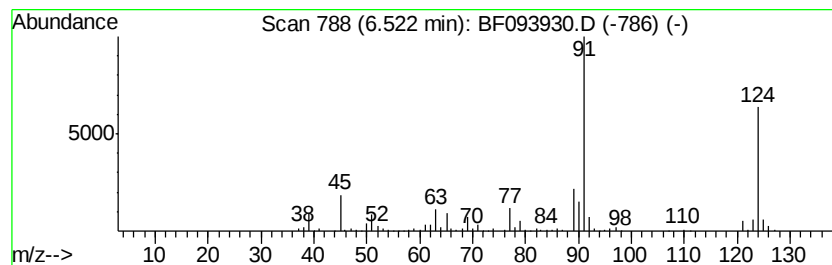
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Benzenethiol, 2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.52	12.51 ng	596598	1,4-Dichlorobenzene-d4	5.96

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzenethiol, 2-methyl-	124	C7H8S	000137-06-4	90
2		Benzenethiol, 3-methyl-	124	C7H8S	000108-40-7	64
3		Benzenemethanethiol	124	C7H8S	000100-53-8	58
4		Benzenemethanol, 3-hydroxy-	124	C7H8O2	000620-24-6	43
5		l-Alaninyglycyl-l-valinyl-S-b...	528	C27H36N4O5S	103100-47-6	42



Data Path : Z:\HPCHEM1\BNA F\Data\BF032417\
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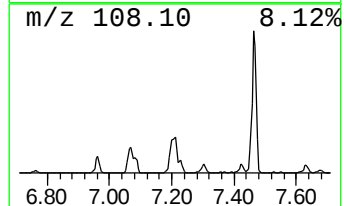
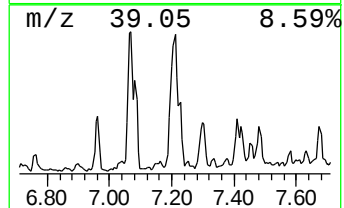
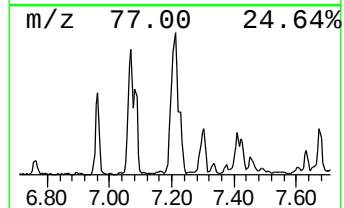
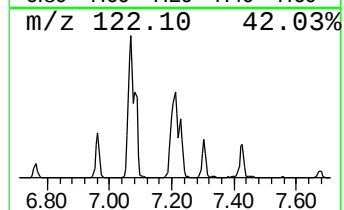
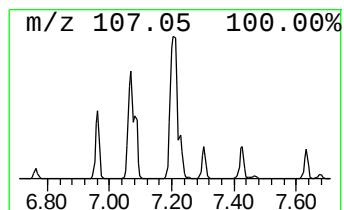
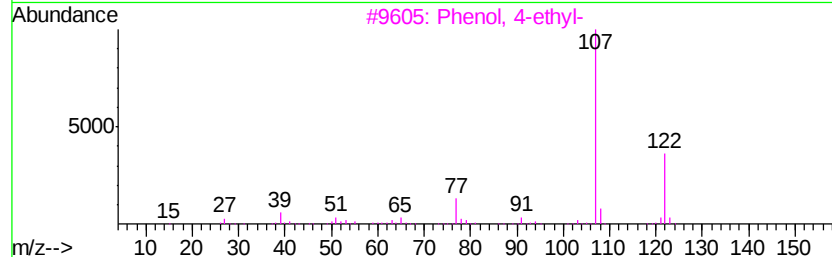
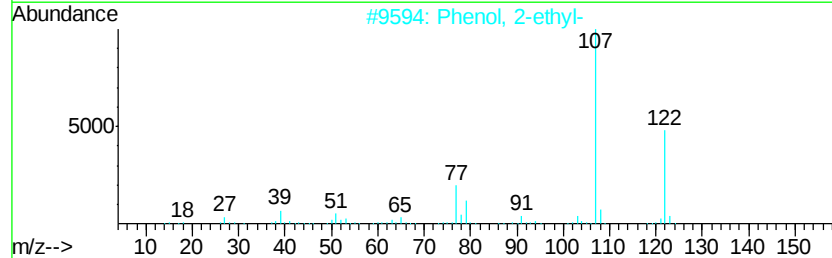
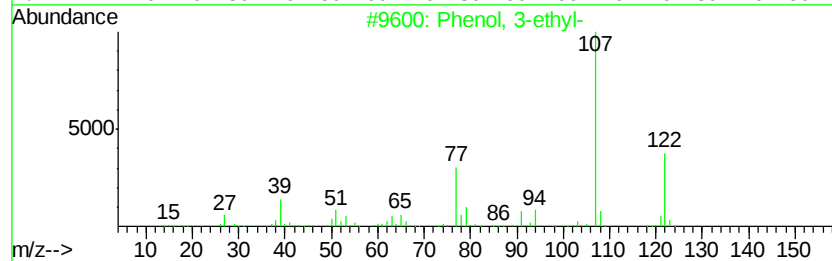
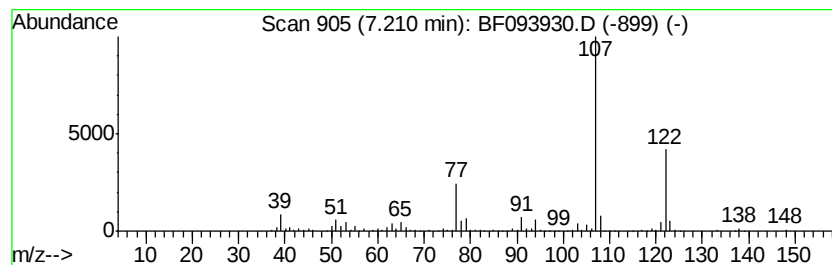
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Phenol, 3-ethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.21	13.14 ng	1068350	Naphthalene-d8	7.46

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenol, 3-ethyl-	122	C8H10O	000620-17-7	95
2		Phenol, 2-ethyl-	122	C8H10O	000090-00-6	91
3		Phenol, 4-ethyl-	122	C8H10O	000123-07-9	90
4		2-Isopropylpyrazine	122	C7H10N2	029460-90-0	64
5		Benzeneethanol, 4-hydroxy-	138	C8H10O2	000501-94-0	50



Data Path : Z:\HPCHEM1\BNA F\Data\BF032417\
 Data File : BF093930.D
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 Misc :
 ALS Vial : 20 Sample Multiplier: 1

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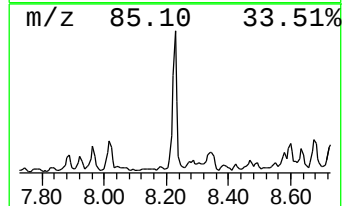
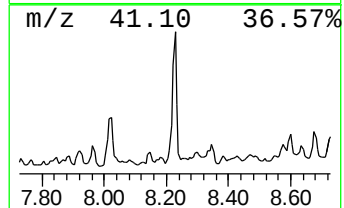
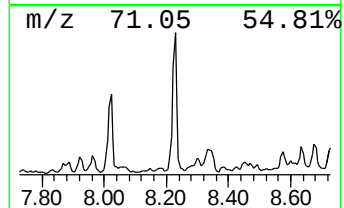
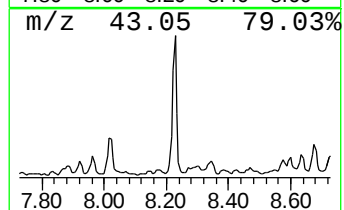
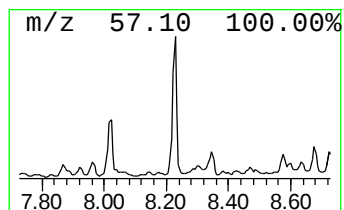
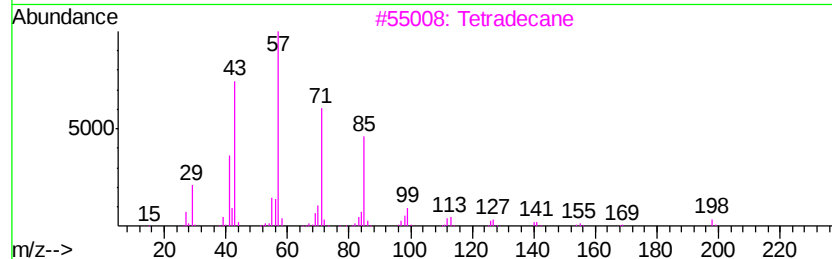
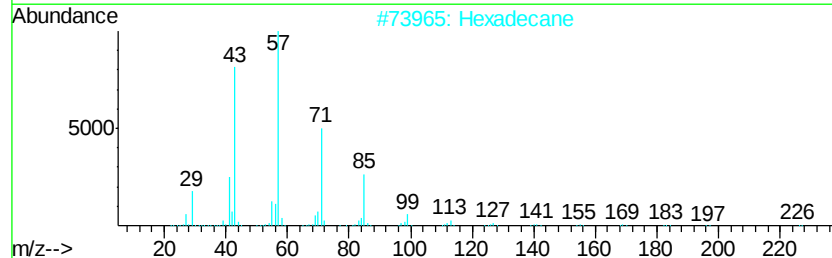
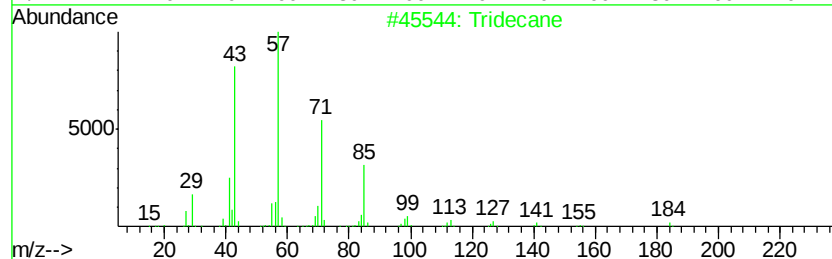
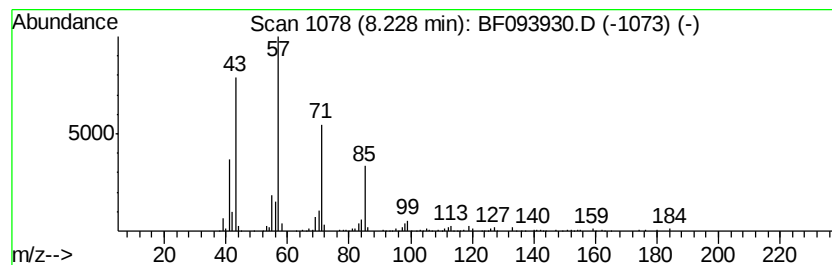
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

 Peak Number 7 Tridecane Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.23	7.92 ng	643894	Naphthalene-d8	7.46

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecane	184	C13H28	000629-50-5	91
2		Hexadecane	226	C16H34	000544-76-3	91
3		Tetradecane	198	C14H30	000629-59-4	90
4		Undecane	156	C11H24	001120-21-4	86
5		Undecane, 6-ethyl-	184	C13H28	017312-60-6	76



Data Path : Z:\HPCHEM1\BNA F\Data\BF032417\
Data File : BF093930.D
Acq On : 25 Mar 2017 2:09
Operator : SJ/MA
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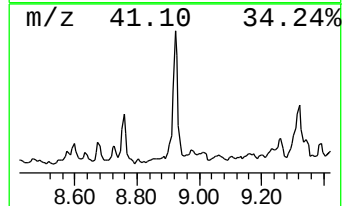
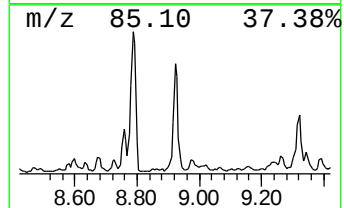
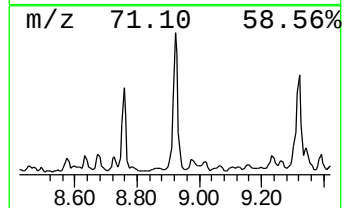
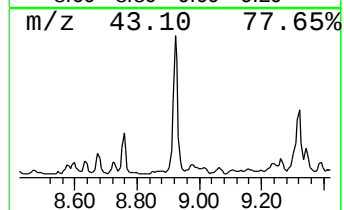
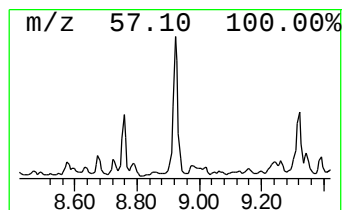
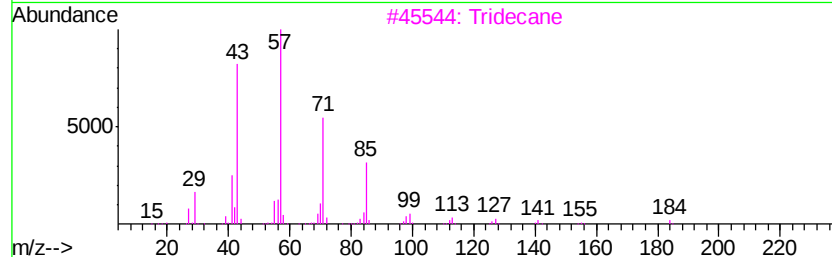
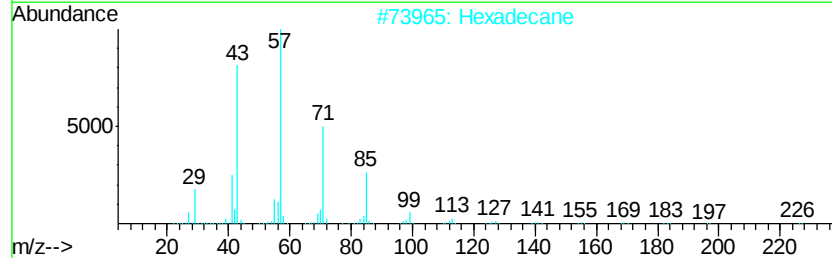
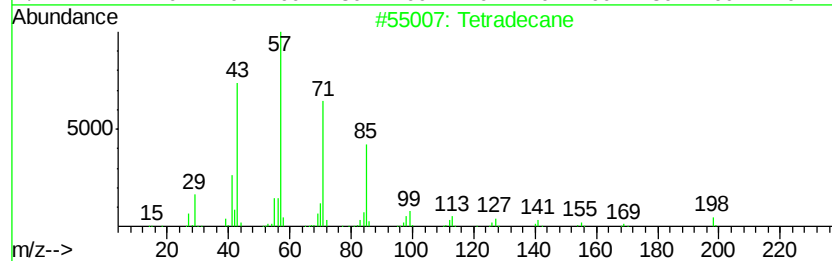
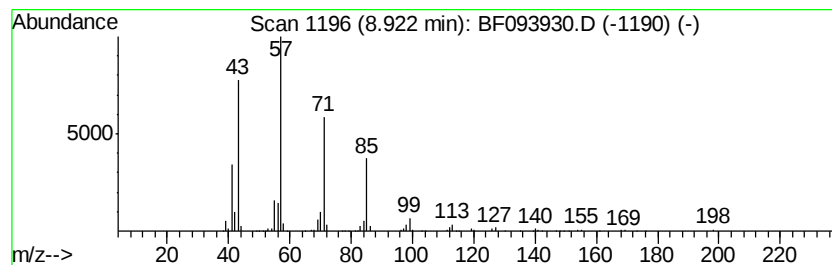
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Tetradecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.92	12.84 ng	875835	Acenaphthene-d10	9.61

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetradecane	198	C14H30	000629-59-4	94
2		Hexadecane	226	C16H34	000544-76-3	91
3		Tridecane	184	C13H28	000629-50-5	90
4		Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	78
5		Tridecane, 7-methyl-	198	C14H30	026730-14-3	68



Data Path : Z:\HPCHEM1\BNA F\Data\BF032417\
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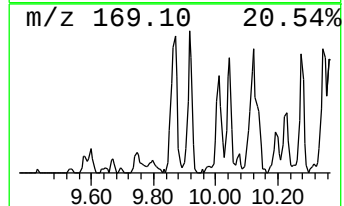
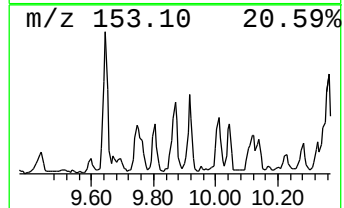
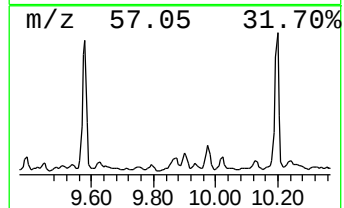
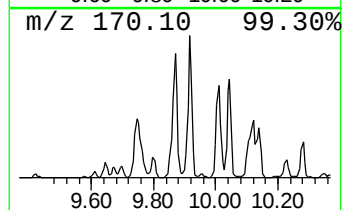
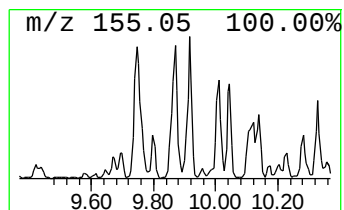
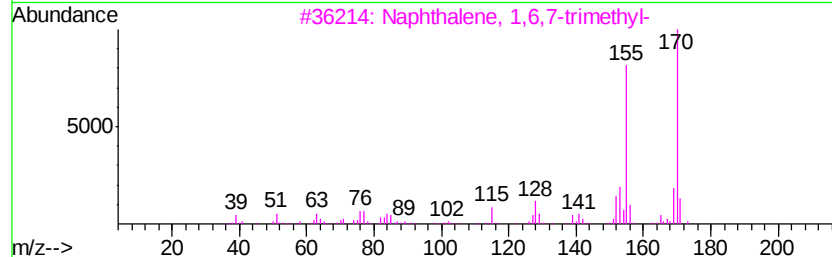
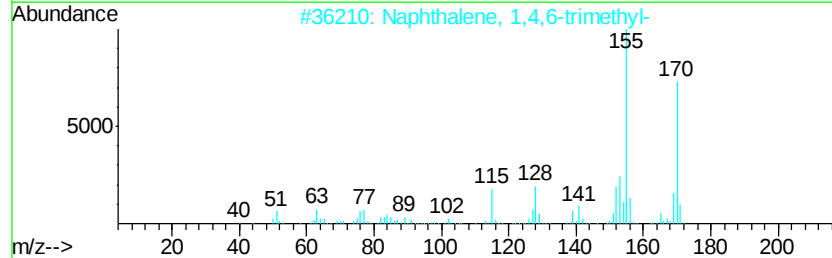
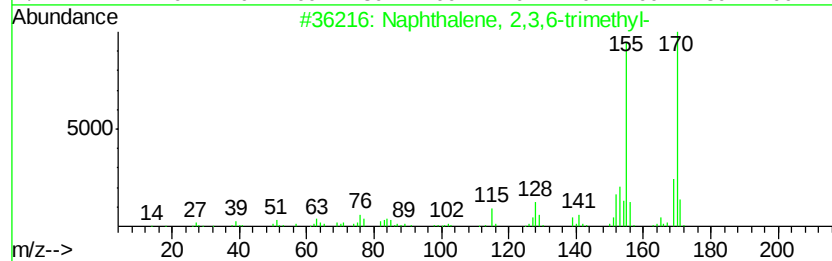
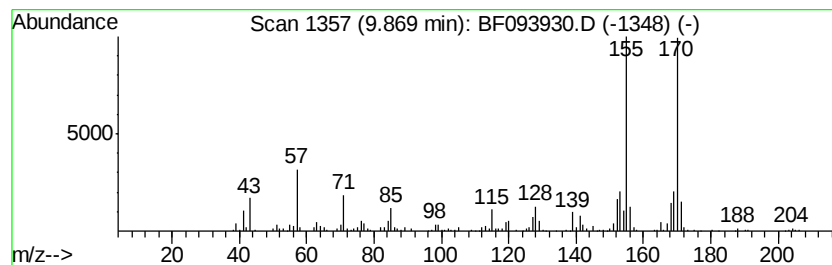
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Naphthalene, 2,3,6-trimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD		R.T.	
9.87	9.62 ng	656553	Acenaphthene-d10		9.61	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		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	89
5		3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	87



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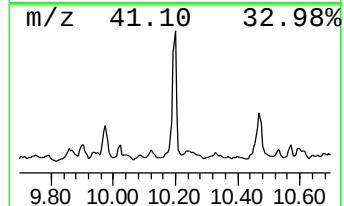
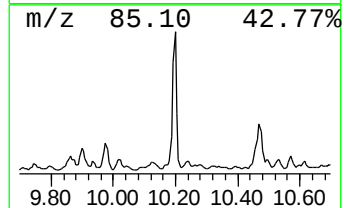
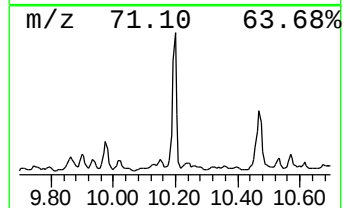
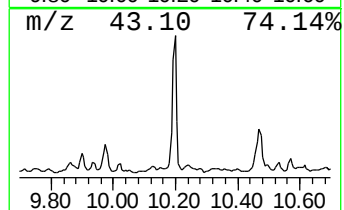
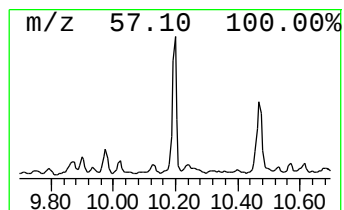
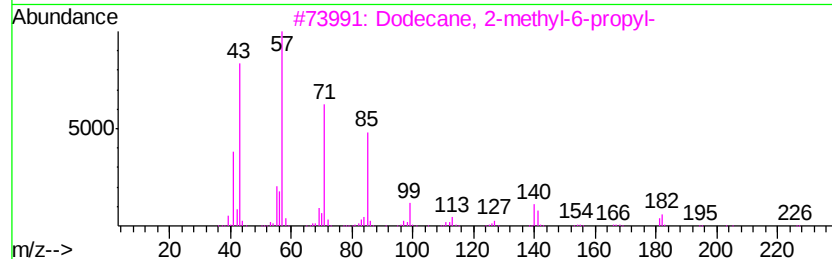
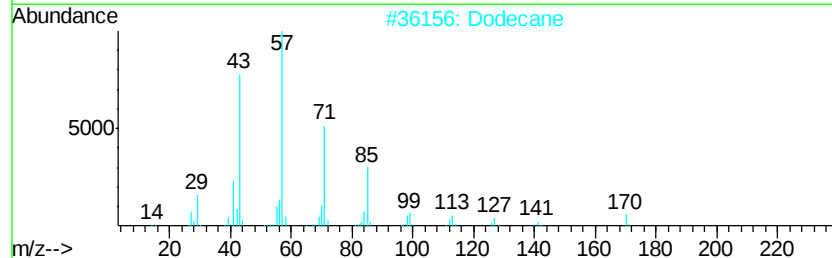
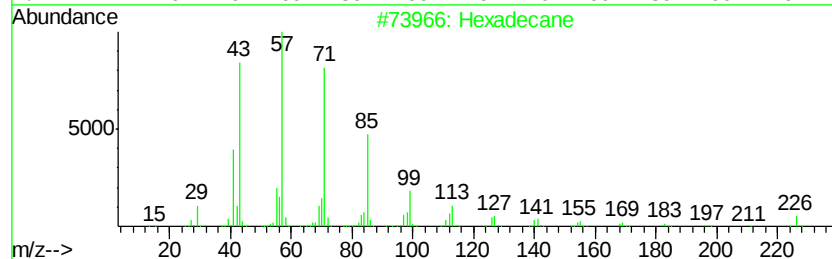
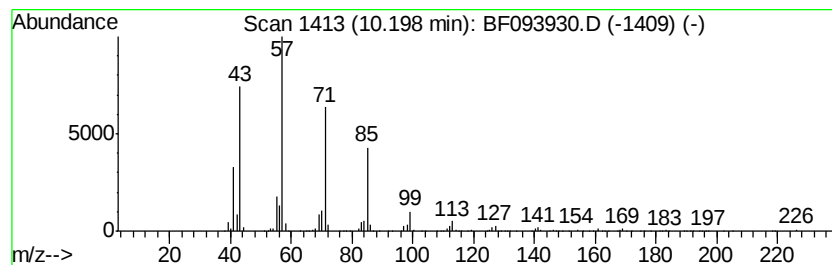
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Hexadecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.20	12.28 ng	837736	Acenaphthene-d10	9.61

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane	226	C16H34	000544-76-3	91
2		Dodecane	170	C12H26	000112-40-3	90
3		Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	86
4		Nonane, 5-butyl-	184	C13H28	017312-63-9	83
5		Pentadecane, 7-methyl-	226	C16H34	006165-40-8	76



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ALS Vial : 20 Sample Multiplier: 1

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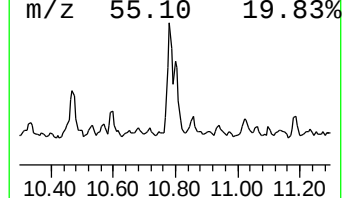
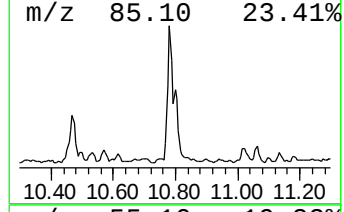
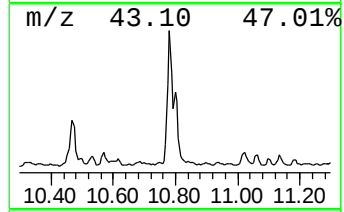
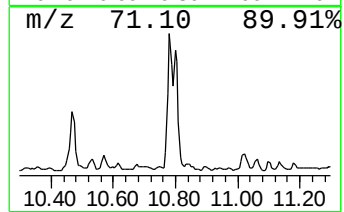
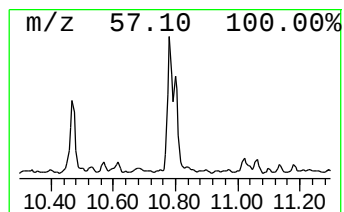
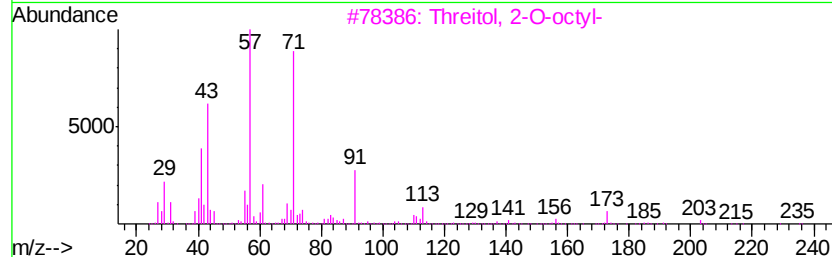
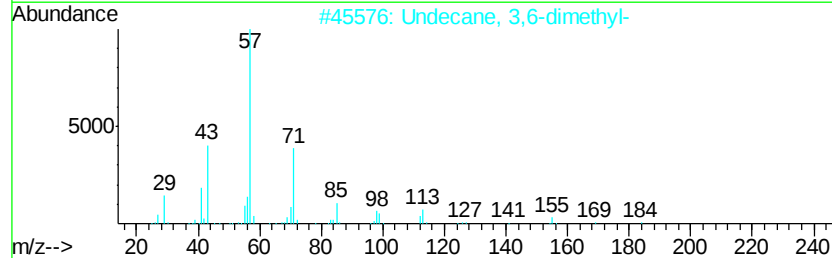
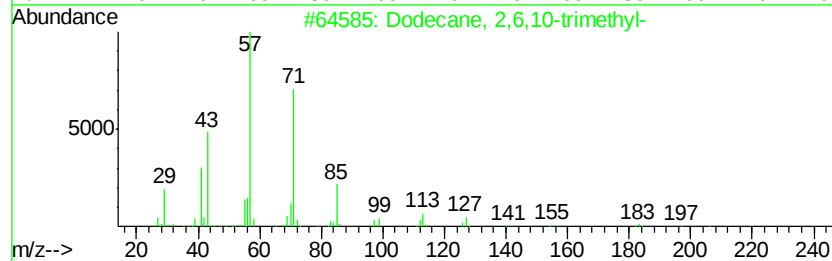
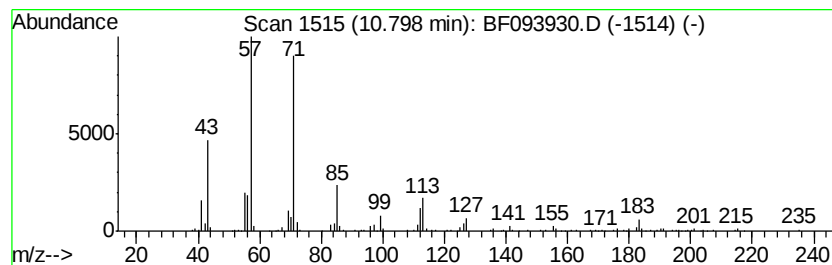
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Dodecane, 2,6,10-trimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.80	10.90 ng	532124	Phenanthrene-d10	11.43

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	72
2		Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	64
3		Threitol, 2-O-octyl-	234	C12H26O4	163776-14-5	53
4		Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	47
5		Tridecane, 5-propyl-	226	C16H34	055045-11-9	47



Data Path : Z:\HPCHEM1\BNA F\Data\BF032417\
Data File : BF093930.D
Acq On : 25 Mar 2017 2:09
Operator : SJ/MA
Sample : I2367-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
E2-B4567-CONCRETE

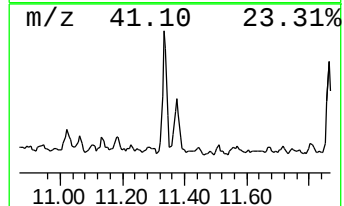
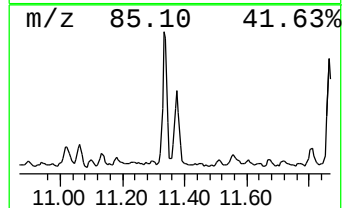
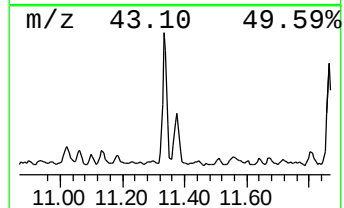
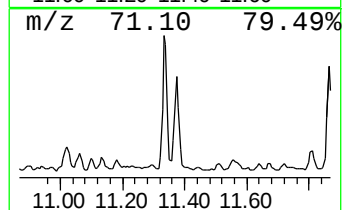
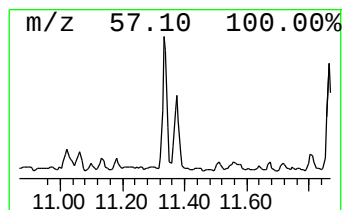
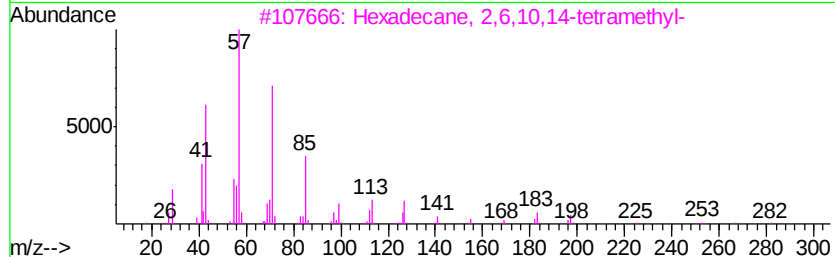
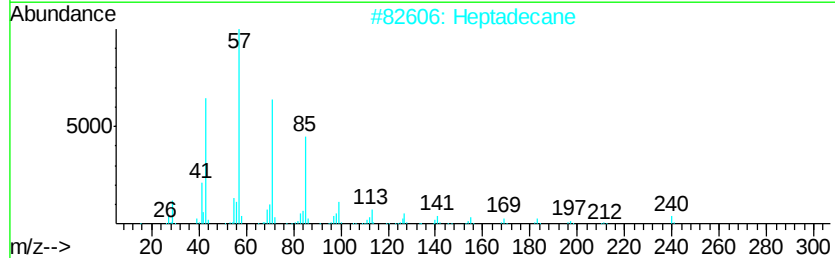
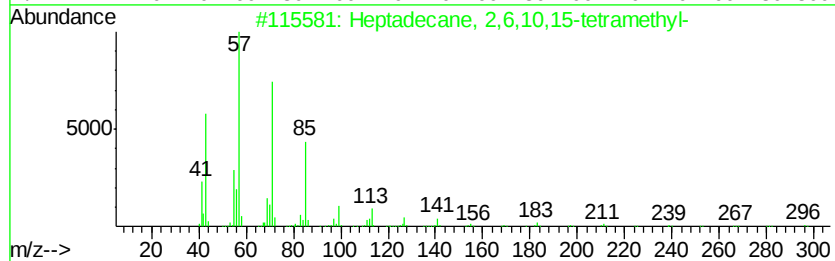
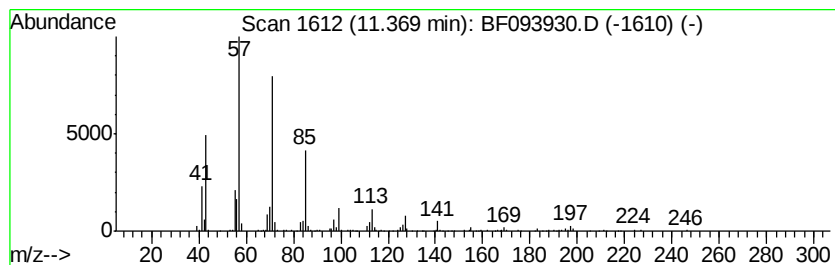
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Heptadecane, 2,6,10,15-tetr... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.37	8.77 ng	428348	Phenanthrene-d10	11.43

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	90
2		Heptadecane	240	C17H36	000629-78-7	90
3		Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	90
4		Eicosane	282	C20H42	000112-95-8	86
5		Dodecane, 1-iodo-	296	C12H25I	004292-19-7	86



Data Path : Z:\HPCHEM1\BNA_F\Data\BF032417\
Data File : BF093930.D
Acq On : 25 Mar 2017 2:09
Operator : SJ/MA
Sample : I2367-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
E2-B4567-CONCRETE

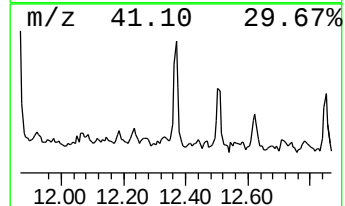
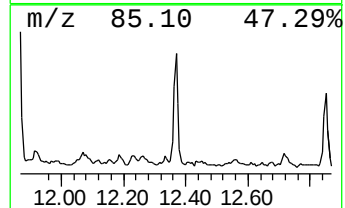
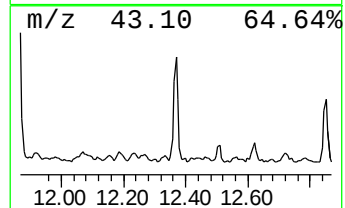
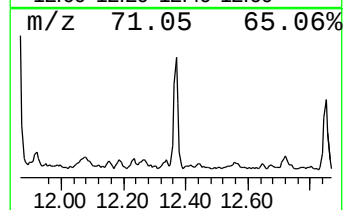
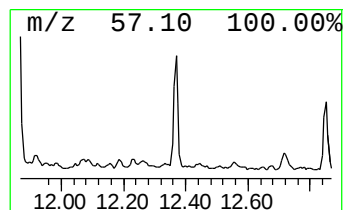
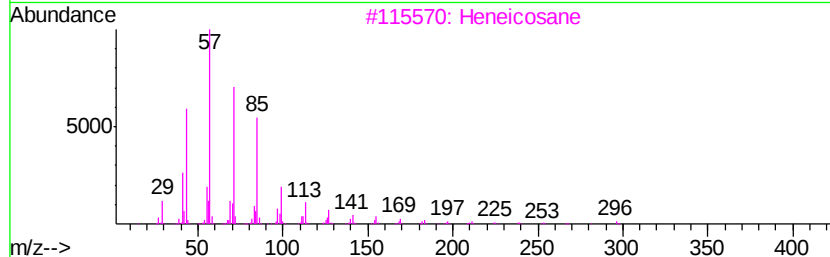
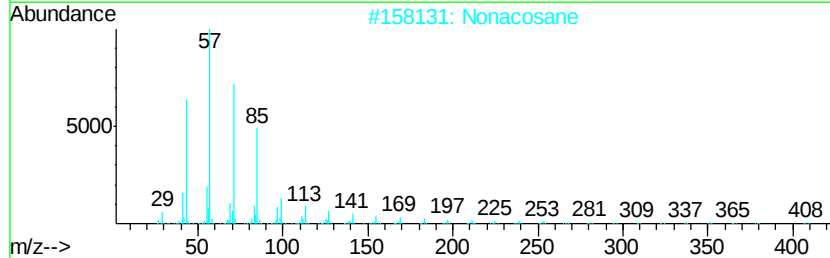
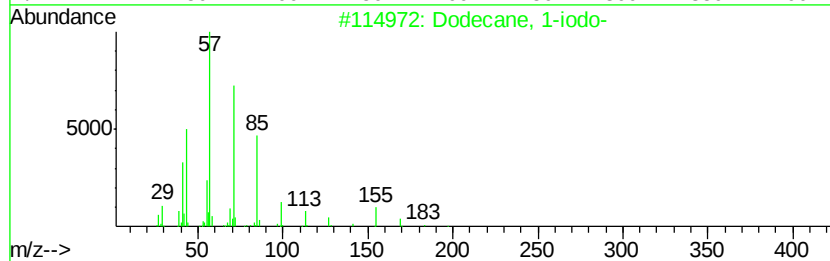
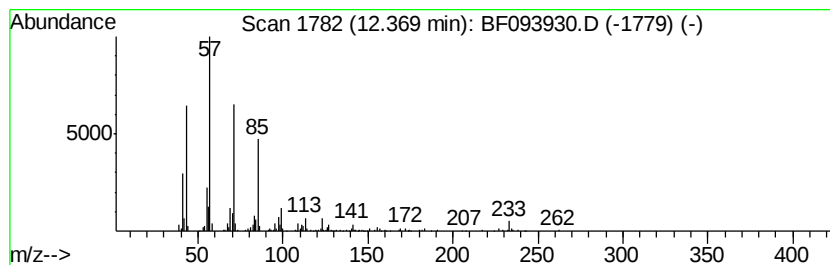
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Dodecane, 1-iodo- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.37	8.20 ng	400672	Phenanthrene-d10	11.43

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	80
2		Nonacosane	408	C29H60	000630-03-5	80
3		Heneicosane	296	C21H44	000629-94-7	80
4		10-Methylnonadecane	282	C20H42	056862-62-5	64
5		Heptacosane	380	C27H56	000593-49-7	62



Data Path : Z:\HPCHEM1\BNA F\Data\BF032417\
Data File : BF093930.D
Acq On : 25 Mar 2017 2:09
Operator : SJ/MA
Sample : I2367-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

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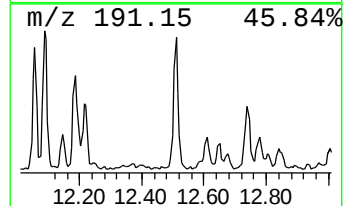
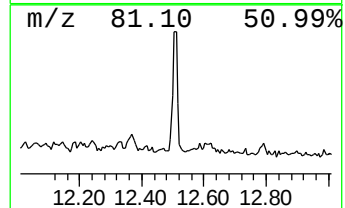
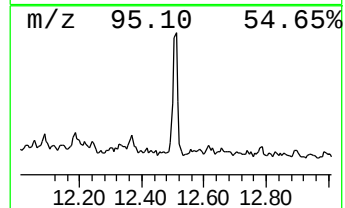
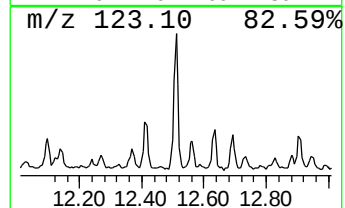
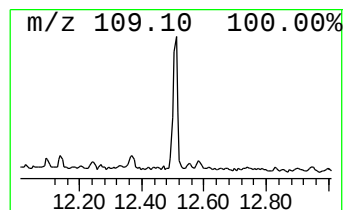
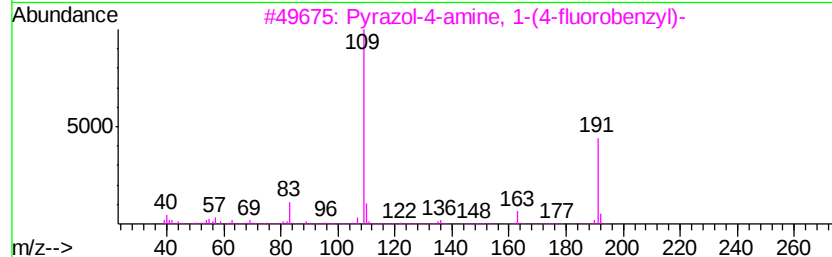
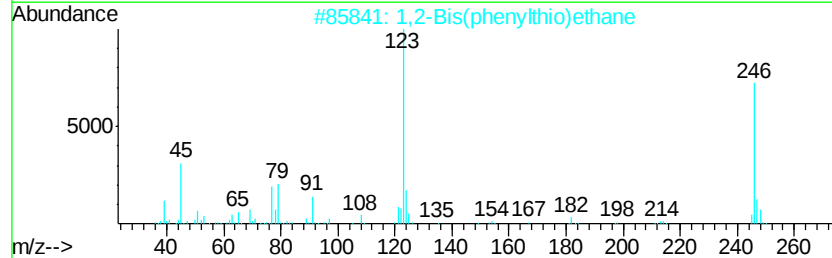
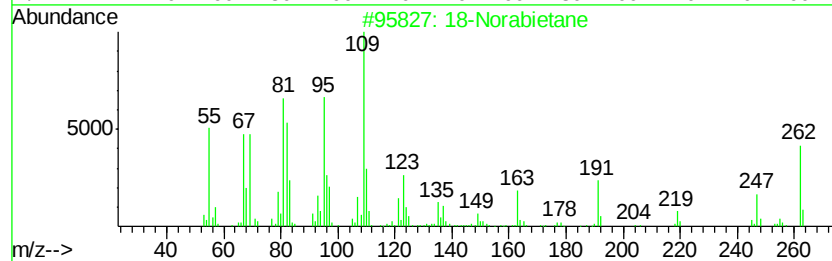
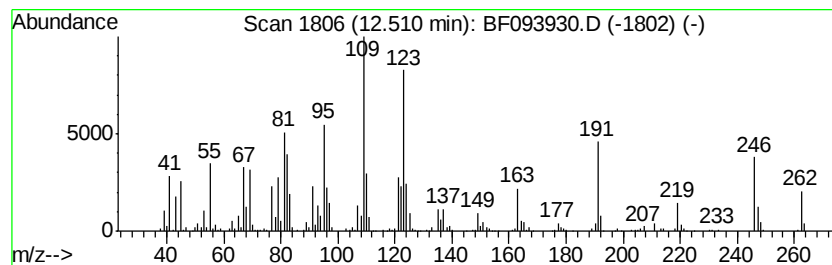
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 18-Norabietane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.51	10.08 ng	492396	Phenanthrene-d10	11.43

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	18-Norabietane	262	C19H34	1000293-16-6	95
2		1,2-Bis(phenylthio)ethane	246	C14H14S2	000622-20-8	25
3		Pvrazol-4-amine, 1-(4-fluorobenz...	191	C10H10FN3	1000272-83-9	22
4		Diallyldivinylsilane	164	C10H16Si	119901-88-1	22
5		2,5,9-Tetradecatriene, 3,12-diet...	248	C18H32	074685-87-3	22



Data Path : Z:\HPCHEM1\BNA F\Data\BF032417\
Data File : BF093930.D
Acq On : 25 Mar 2017 2:09
Operator : SJ/MA
Sample : I2367-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
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ClientSampleId :
E2-B4567-CONCRETE

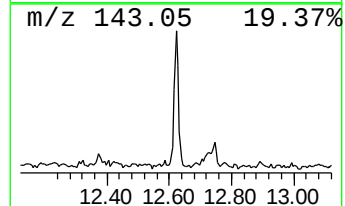
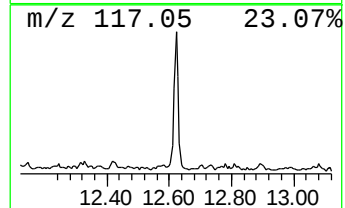
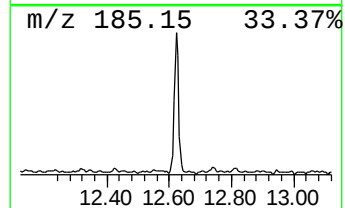
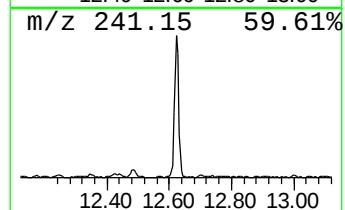
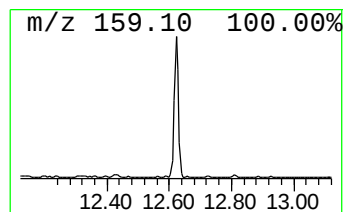
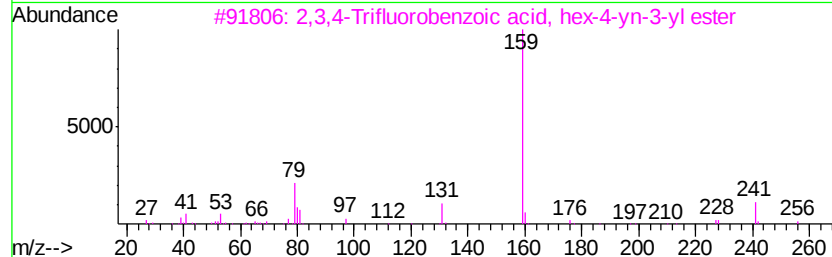
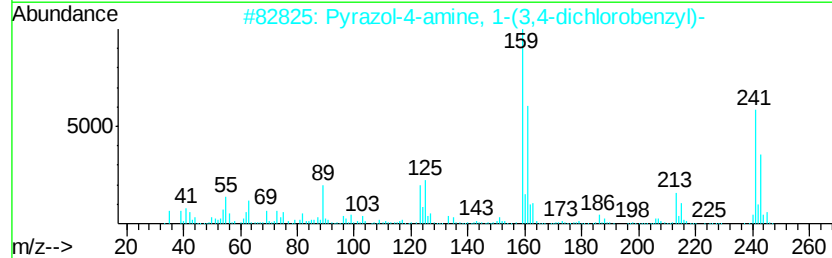
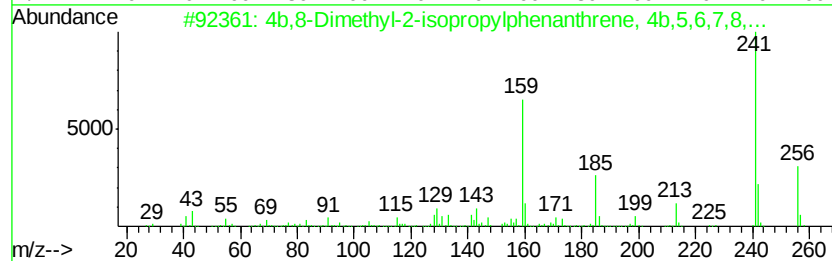
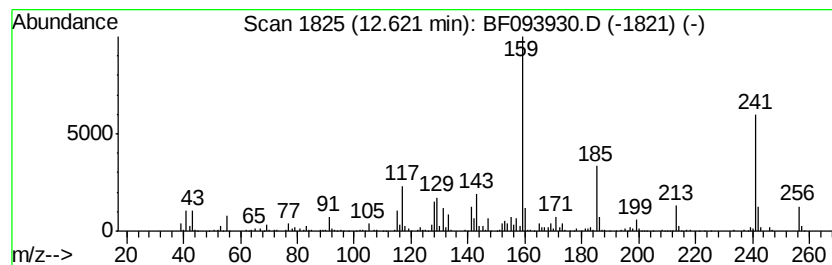
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 4b,8-Dimethyl-2-isopropylph... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.62	11.21 ng	547221	Phenanthrene-d10	11.43

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4b,8-Dimethyl-2-isopropylphenant...	256	C19H28	1000197-14-1	94
2		Pyrazol-4-amine, 1-(3,4-dichloro...	241	C10H9Cl2N3	1000273-77-4	52
3		2,3,4-Trifluorobenzoic acid, hex...	256	C13H11F3O2	1000292-55-4	50
4		s-Indacen-1(2H)-one, 3,5,6,7-tet...	256	C18H24O	038754-94-8	49
5		Naphthalene, 6-ethyl-1,2,3,4-tet...	256	C19H28	301643-35-6	35



Data Path : Z:\HPCHEM1\BNA F\Data\BF032417\
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Acq On : 25 Mar 2017 2:09
Operator : SJ/MA
Sample : I2367-01
Misc :
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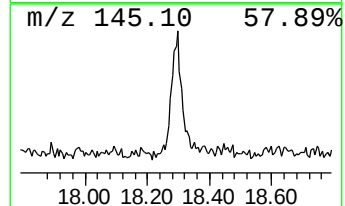
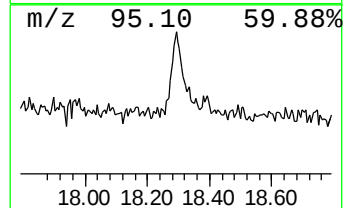
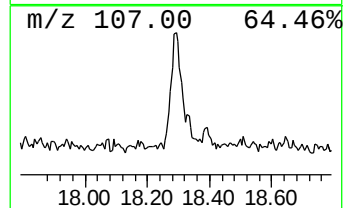
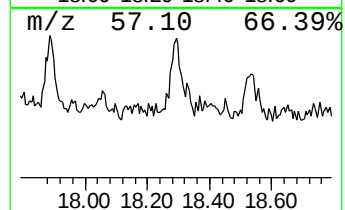
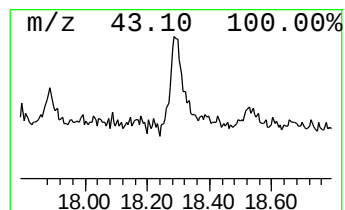
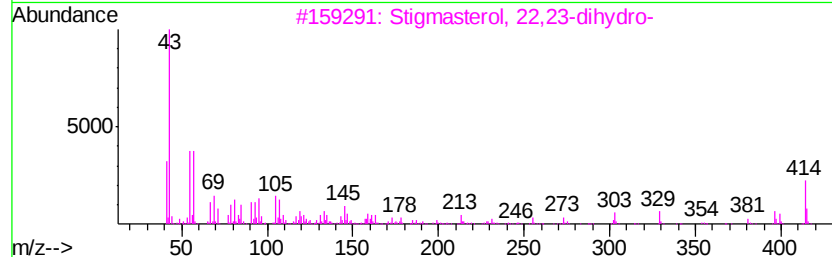
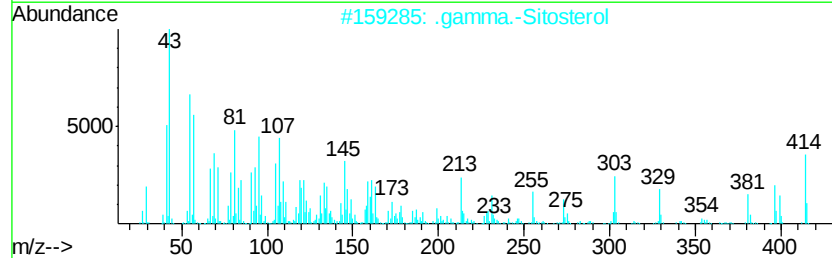
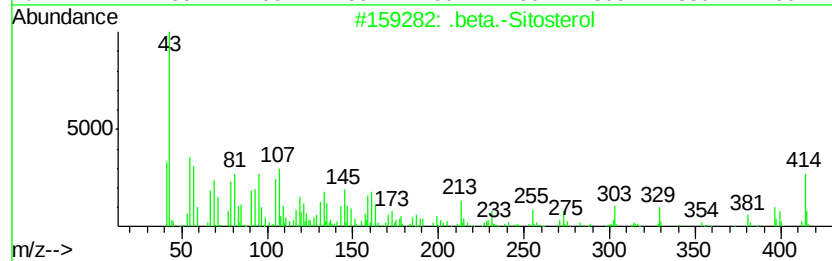
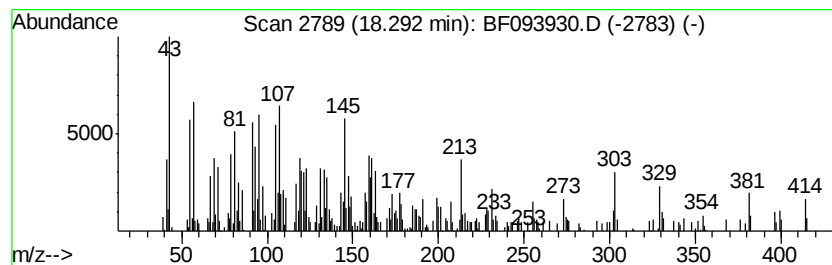
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 .beta.-Sitosterol Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.29	11.98 ng	446980	Perylene-d12	16.32
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		.beta.-Sitosterol	414 C29H50O	000083-46-5 99
2		.gamma.-Sitosterol	414 C29H50O	000083-47-6 96
3		Stigmasterol, 22,23-dihydro-	414 C29H50O	1000214-20-7 62
4		5-Cholestene-3-ol, 24-methyl-	400 C28H48O	1000214-17-4 58
5		Campesterol	400 C28H48O	000474-62-4 52



Data Path : Z:\HPCHEM1\BNA_F\Data\BF032417\
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 Acq On : 25 Mar 2017 2:09
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 Sample : I2367-01
 Misc :
 ALS Vial : 20 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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
3-Penten-2-one, 4...	3.57	14.1	ng	671889	1	5.96	954141	20.0
2-Pentanone, 4-hy...	4.11	51.0	ng	2434530	1	5.96	954141	20.0
unknown5.70	5.70	57.0	ng	2718700	1	5.96	954141	20.0
Benzenethiol, 2-m...	6.52	12.5	ng	596598	1	5.96	954141	20.0
Phenol, 3-ethyl-	7.21	13.1	ng	1068350	2	7.46	1625750	20.0
Tridecane	8.23	7.9	ng	643894	2	7.46	1625750	20.0
Tetradecane	8.92	12.8	ng	875835	3	9.61	1364730	20.0
Naphthalene, 2,3,...	9.87	9.6	ng	656553	3	9.61	1364730	20.0
Hexadecane	10.20	12.3	ng	837736	3	9.61	1364730	20.0
Dodecane, 2,6,10-...	10.80	10.9	ng	532124	4	11.43	976661	20.0
Heptadecane, 2,6,...	11.37	8.8	ng	428348	4	11.43	976661	20.0
Dodecane, 1-iodo-	12.37	8.2	ng	400672	4	11.43	976661	20.0
18-Norabietane	12.51	10.1	ng	492396	4	11.43	976661	20.0
4b,8-Dimethyl-2-i...	12.62	11.2	ng	547221	4	11.43	976661	20.0
.beta.-Sitosterol	18.29	12.0	ng	446980	6	16.32	746234	20.0