

Data Path : Z:\HPCHEM1\BNA F\DATA\BF091817\
 Data File : BF098635.D
 Acq On : 19 Sep 2017 7:22
 Operator : SJ/JU
 Sample : I5265-14
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-20D24

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-BF091117.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	2.599	76	87	93	rVV	344286	937985	10.26%	0.515%
2	3.504	225	241	244	rVV2	782594	1992818	21.81%	1.095%
3	3.540	244	247	252	rVV2	795612	1401319	15.33%	0.770%
4	3.669	262	269	276	rVV	1034355	2211759	24.20%	1.215%
5	3.834	284	297	301	rVV	936258	1732025	18.95%	0.951%
6	4.193	348	358	369	rVB3	1420264	2546706	27.87%	1.399%
7	4.304	369	377	383	rBV	483667	717849	7.86%	0.394%
8	4.522	410	414	418	rBV	680856	844420	9.24%	0.464%
9	4.640	430	434	438	rVB	1131068	1375498	15.05%	0.756%
10	4.728	443	449	457	rVB2	2169081	3803852	41.62%	2.090%
11	4.798	457	461	463	rBV	893740	988540	10.82%	0.543%
12	5.010	492	497	500	rBV	1736077	2167527	23.72%	1.191%
13	5.057	500	505	507	rVV2	511425	742340	8.12%	0.408%
14	5.087	507	510	511	rVV	1831931	1859402	20.35%	1.021%
15	5.110	511	514	516	rVV	2141464	2493784	27.29%	1.370%
16	5.134	516	518	522	rVB	2211666	1993764	21.82%	1.095%
17	5.216	523	532	535	rBV2	5344209	9138667	100.00%	5.020%
18	5.251	535	538	542	rBV	3053594	2884408	31.56%	1.584%
19	5.381	556	560	565	rBV3	877354	1154405	12.63%	0.634%
20	5.428	565	568	571	rVB	1259698	1161782	12.71%	0.638%
21	5.463	571	574	581	rBV2	1596663	2097248	22.95%	1.152%
22	5.528	581	585	592	rVB	1178476	1270186	13.90%	0.698%
23	5.628	598	602	607	rVB2	1196669	1937715	21.20%	1.064%
24	5.698	607	614	616	rBV2	1089916	1788429	19.57%	0.982%
25	5.775	624	627	632	rVB2	2240019	2287071	25.03%	1.256%
26	5.828	632	636	641	rBV2	1057381	1617761	17.70%	0.889%
27	5.875	641	644	647	rVV	3362928	3569743	39.06%	1.961%
28	5.928	650	653	656	rVV2	1149105	1297123	14.19%	0.713%
29	5.957	656	658	662	rVV4	468099	635344	6.95%	0.349%
30	6.069	670	677	679	rBV	2009150	2901178	31.75%	1.594%
31	6.116	682	685	686	rVV	826313	717354	7.85%	0.394%
32	6.140	686	689	690	rVV	2072615	1949901	21.34%	1.071%
33	6.169	690	694	696	rVV2	2061563	3012109	32.96%	1.655%
34	6.187	696	697	701	rVB	1538288	1179671	12.91%	0.648%

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35	6.228	701	704	711	rBV2	2973554	3462100	37.88%	1.902%
36	6.298	711	716	718	rBV	2720819	3361917	36.79%	1.847%
37	6.322	718	720	724	rVB	1407034	1203471	13.17%	0.661%
38	6.369	724	728	732	rBV3	635843	1048642	11.47%	0.576%
39	6.410	732	735	740	rVB	3220055	3519220	38.51%	1.933%
40	6.463	740	744	751	rVB2	3253123	3720466	40.71%	2.044%
41	6.634	769	773	775	rVV2	883776	1369261	14.98%	0.752%
42	6.651	775	776	780	rVB2	1079600	872275	9.54%	0.479%
43	6.692	780	783	788	rBV2	1497247	1715745	18.77%	0.942%
44	6.757	791	794	796	rVV	740529	694613	7.60%	0.382%
45	6.792	796	800	802	rVV2	2634242	3304245	36.16%	1.815%
46	6.816	802	804	807	rVB	1809370	1403350	15.36%	0.771%
47	6.887	811	816	818	rVV2	1383372	1613782	17.66%	0.886%
48	6.916	818	821	824	rVB	1586195	1604307	17.56%	0.881%
49	6.963	824	829	830	rBV2	1946092	2732288	29.90%	1.501%
50	6.981	830	832	836	rVB	1918305	1840124	20.14%	1.011%
51	7.028	836	840	843	rBV2	1896308	2010668	22.00%	1.104%
52	7.181	860	866	868	rBV	3904363	4834050	52.90%	2.655%
53	7.216	868	872	874	rVB2	2755052	2977259	32.58%	1.635%
54	7.240	874	876	878	rVB	813301	606419	6.64%	0.333%
55	7.287	878	884	887	rVB4	1048822	1375974	15.06%	0.756%
56	7.328	887	891	893	rBV2	565860	779057	8.52%	0.428%
57	7.416	899	906	908	rBV	2771776	3225985	35.30%	1.772%
58	7.439	908	910	913	rVB	1461783	1228938	13.45%	0.675%
59	7.528	921	925	927	rBV	1213273	1460707	15.98%	0.802%
60	7.598	934	937	938	rBV	865786	735667	8.05%	0.404%
61	7.663	942	948	956	rBV5	3200432	5721416	62.61%	3.143%
62	7.722	956	958	960	rBV	804345	657734	7.20%	0.361%
63	7.745	960	962	967	rVB2	1058223	1126266	12.32%	0.619%
64	7.798	967	971	974	rBV	1277216	1294041	14.16%	0.711%
65	7.881	978	985	987	rBV4	831597	1880595	20.58%	1.033%
66	7.910	987	990	993	rVV3	2308085	2930660	32.07%	1.610%
67	7.945	993	996	999	rVV2	3764727	4239227	46.39%	2.329%
68	7.987	1002	1003	1005	rVB	1370680	815605	8.92%	0.448%
69	8.010	1005	1007	1011	rVB	1056242	919015	10.06%	0.505%
70	8.081	1015	1019	1020	rBV2	506599	600812	6.57%	0.330%
71	8.216	1040	1042	1045	rVV3	605084	639197	6.99%	0.351%

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72	8.269	1049	1051	1054	rVB3	733041	612801	6.71%	0.337%
73	8.304	1054	1057	1060	rVB	1590146	1427689	15.62%	0.784%
74	8.345	1060	1064	1069	rBV	1272228	1688458	18.48%	0.928%
75	8.516	1089	1093	1096	rBV3	1115706	1181157	12.92%	0.649%
76	8.639	1110	1114	1117	rVB	4625626	4155707	45.47%	2.283%
77	8.734	1124	1130	1133	rBV	2508450	2361481	25.84%	1.297%
78	8.945	1164	1166	1169	rVB	864220	656017	7.18%	0.360%
79	8.998	1170	1175	1178	rVB	3357968	2759574	30.20%	1.516%
80	9.081	1185	1189	1193	rBV2	652119	904819	9.90%	0.497%
81	9.263	1214	1220	1223	rBV2	1123972	1660210	18.17%	0.912%
82	9.334	1225	1232	1234	rVV	1653628	1905488	20.85%	1.047%
83	9.357	1234	1236	1239	rVV2	1142355	1029085	11.26%	0.565%
84	9.398	1239	1243	1245	rVV2	1886331	1977099	21.63%	1.086%
85	9.451	1249	1252	1256	rVB2	652167	766728	8.39%	0.421%
86	9.669	1286	1289	1292	rVV	1162305	1080614	11.82%	0.594%
87	9.775	1304	1307	1311	rVB2	495317	618841	6.77%	0.340%
88	9.839	1312	1318	1321	rBV3	524379	1011959	11.07%	0.556%
89	9.869	1321	1323	1326	rVV2	872004	947215	10.36%	0.520%
90	9.928	1329	1333	1337	rVV3	783026	1060048	11.60%	0.582%
91	10.328	1396	1401	1403	rBV	1482306	1572214	17.20%	0.864%
92	10.463	1421	1424	1427	rVB	1281460	1103967	12.08%	0.606%
93	10.592	1441	1446	1452	rBV	1685457	2332957	25.53%	1.282%
94	11.051	1521	1524	1530	rVB	819556	880815	9.64%	0.484%
95	11.151	1538	1541	1543	rBV	931798	832842	9.11%	0.457%
96	12.092	1697	1701	1704	rVB	1120680	992472	10.86%	0.545%
97	12.398	1750	1753	1756	rVB	1097900	913063	9.99%	0.502%
98	12.733	1806	1810	1813	rBV	2425774	2093309	22.91%	1.150%
99	13.786	1985	1989	1992	rBV2	860623	882957	9.66%	0.485%
100	15.186	2223	2227	2236	rVB	573151	699177	7.65%	0.384%

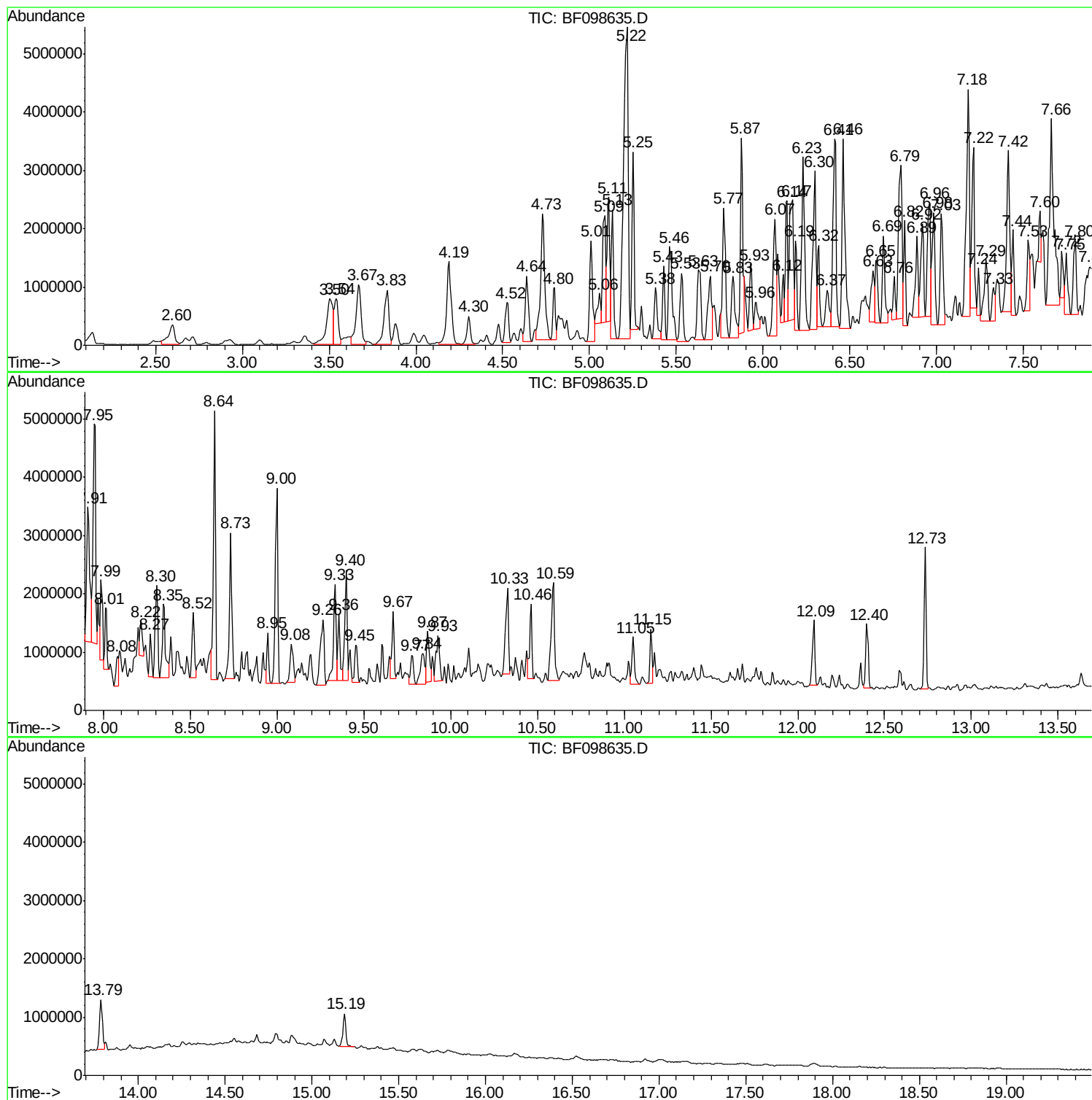
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF091117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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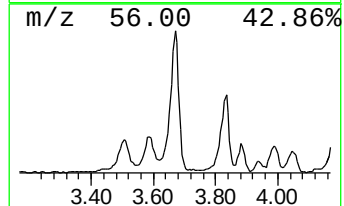
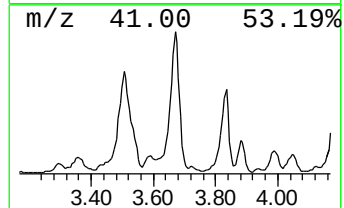
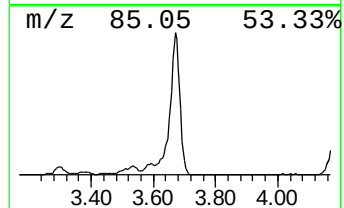
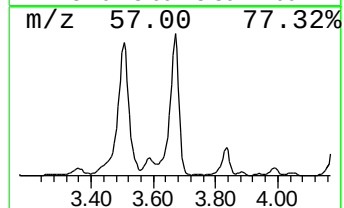
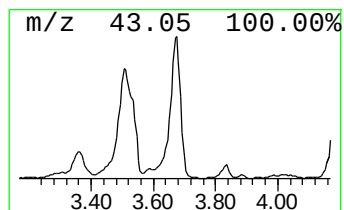
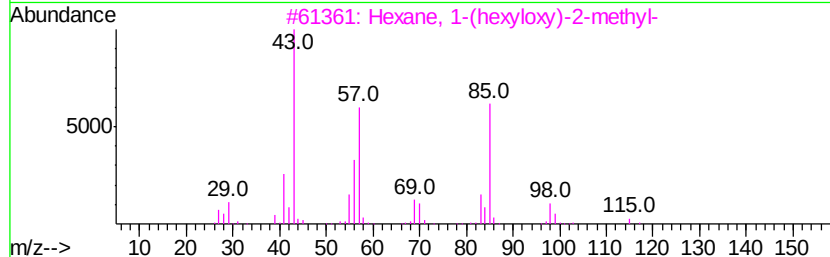
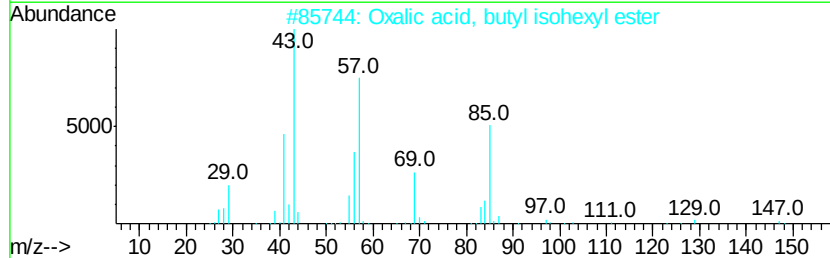
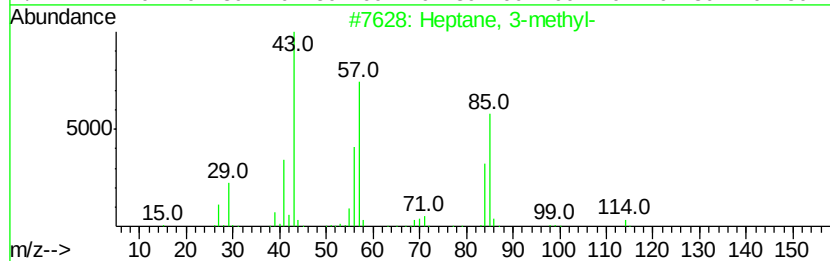
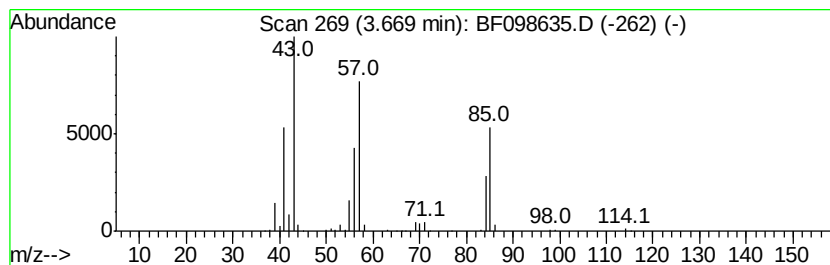
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF091117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 Heptane, 3-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.67	32.31 ng	2211760	1,4-Dichlorobenzene-d4	6.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptane, 3-methyl-	114	C8H18	000589-81-1	91
2		Oxalic acid, butyl isohexyl ester	230	C12H22O4	1000309-32-7	72
3		Hexane, 1-(hexyloxy)-2-methyl-	200	C13H28O	074421-17-3	64
4		Heptane, 3,4,5-trimethyl-	142	C10H22	020278-89-1	59
5		Hexane, 3-ethyl-	114	C8H18	000619-99-8	58



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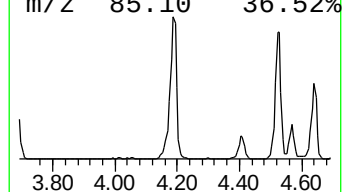
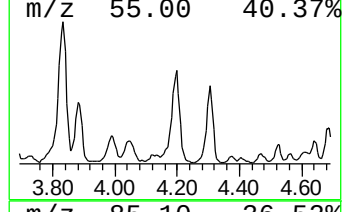
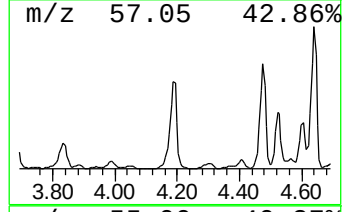
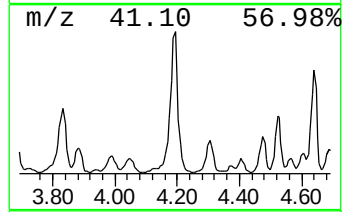
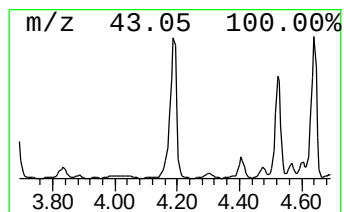
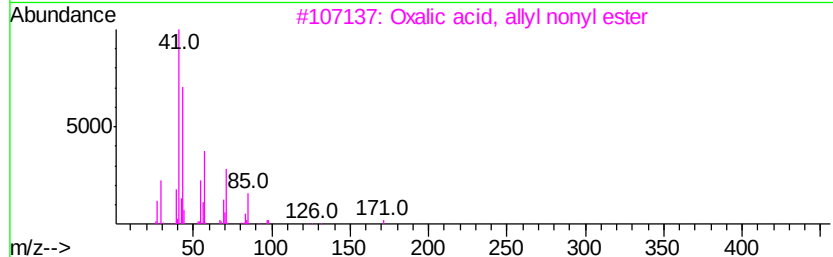
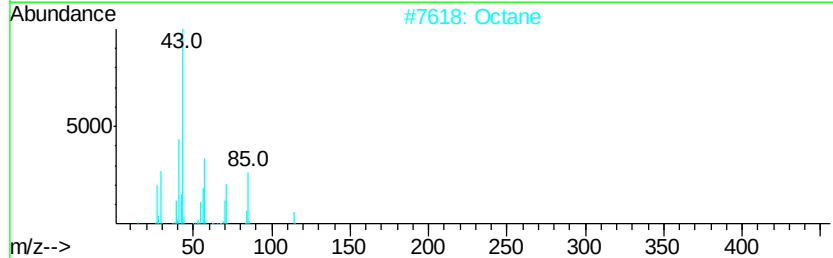
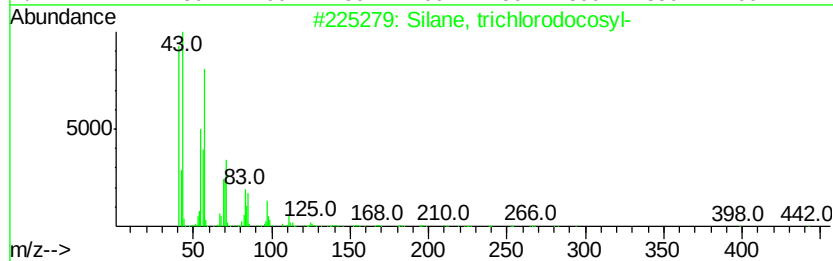
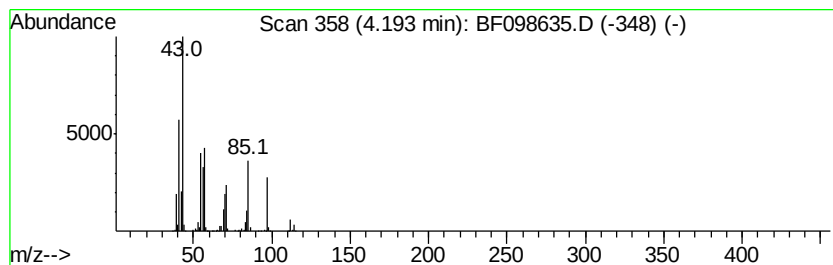
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Silane, trichlorodocosyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.19	37.20 ng	2546710	1,4-Dichlorobenzene-d4	6.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Silane, trichlorodocosyl-	442	C22H45Cl3Si	007325-84-0	59
2		Octane	114	C8H18	000111-65-9	50
3		Oxalic acid, allyl nonyl ester	256	C14H24O4	1000309-23-7	47
4		Pentane, 3-ethyl-2-methyl-	114	C8H18	000609-26-7	46
5		Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	43



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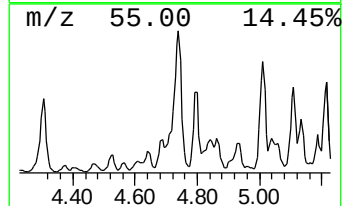
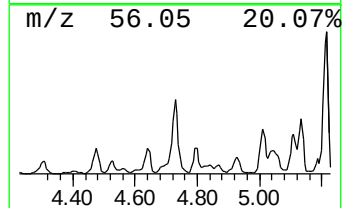
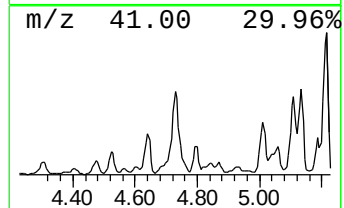
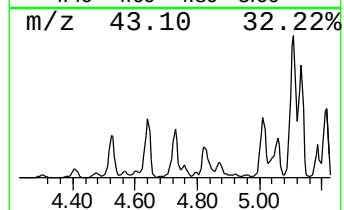
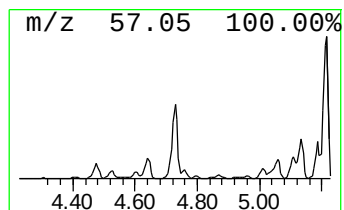
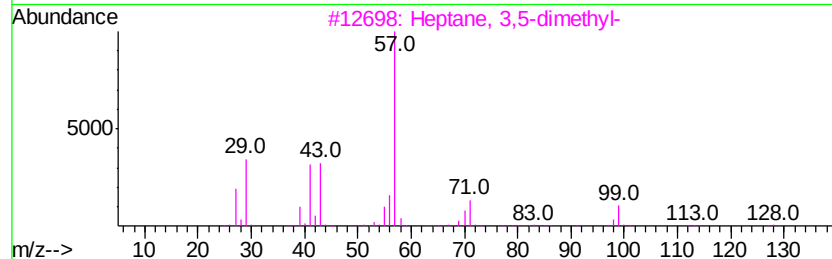
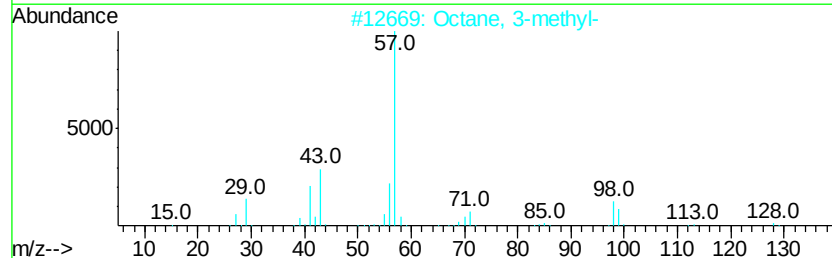
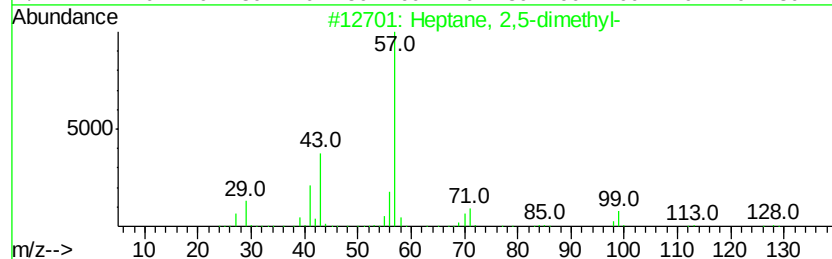
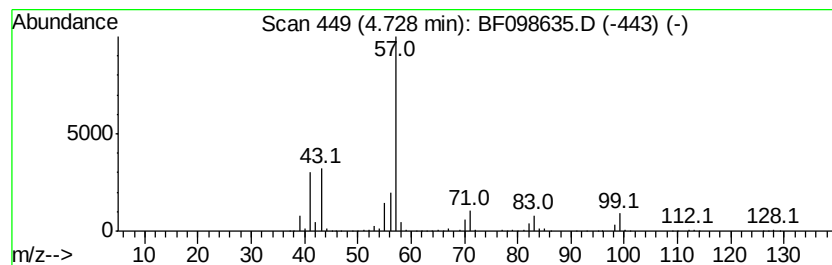
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Peak Number 3 Heptane, 2,5-dimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.73	55.56 ng	3803850	1,4-Dichlorobenzene-d4	6.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	72
2		Octane, 3-methyl-	128	C9H20	002216-33-3	64
3		Heptane, 3,5-dimethyl-	128	C9H20	000926-82-9	62
4		Oxalic acid, isobutyl heptyl ester	244	C13H24O4	1000309-37-2	50
5		Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	47



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091817\
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Acq On : 19 Sep 2017 7:22
Operator : SJ/JU
Sample : I5265-14
Misc :
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Instrument :
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ClientSampleId :
TP-20D24

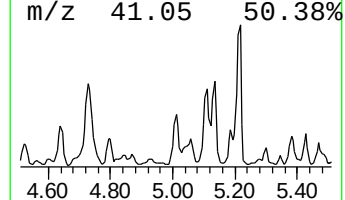
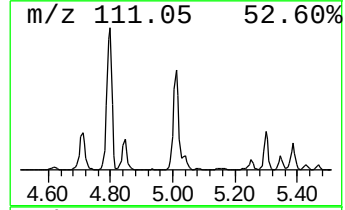
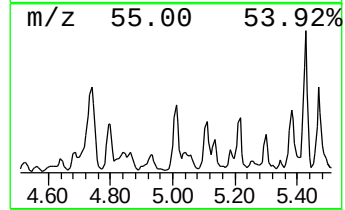
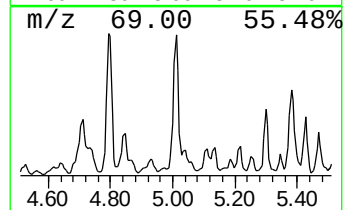
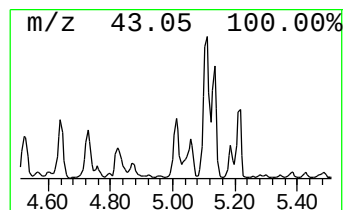
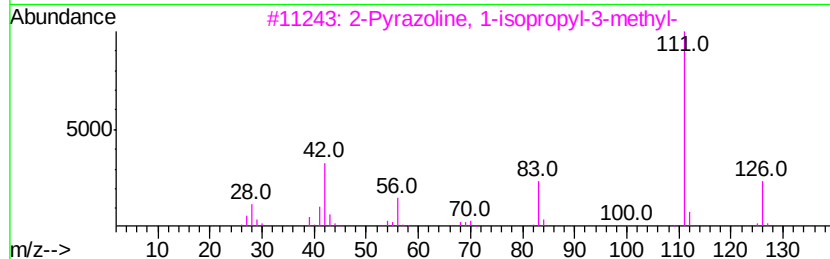
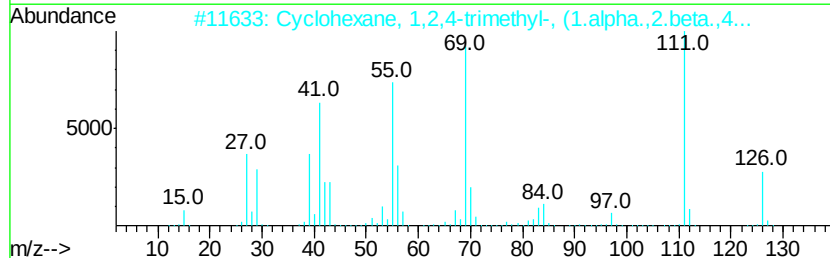
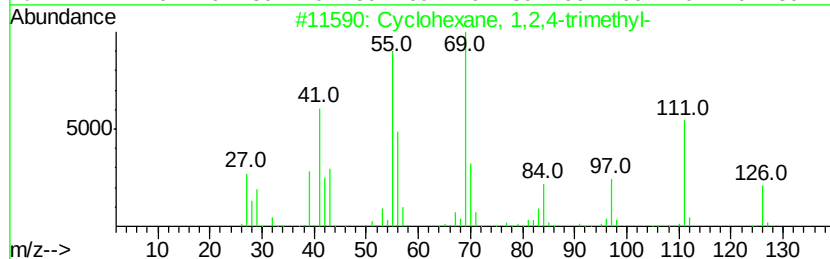
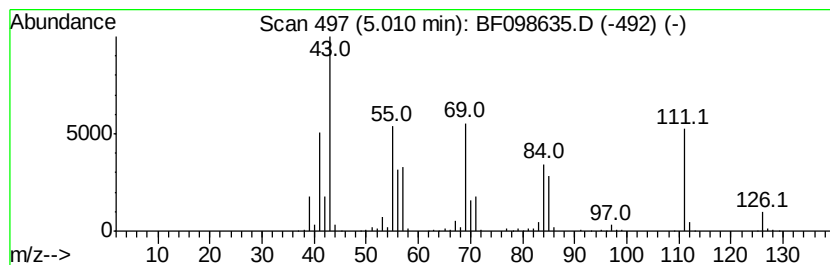
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 unknown5.01 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.01	31.66 ng	2167530	1,4-Dichlorobenzene-d4	6.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, 1,2,4-trimethyl-	126	C9H18	002234-75-5	49
2		Cyclohexane, 1,2,4-trimethyl-, (...)	126	C9H18	007667-60-9	46
3		2-Pyrazoline, 1-isopropyl-3-methyl-	126	C7H14N2	022581-48-2	38
4		Heptane, 2,3-dimethyl-	128	C9H20	003074-71-3	38
5		1.alpha.,2.beta.,3.alpha.,4.beta...	126	C9H18	002532-67-4	38



Data Path : Z:\HPCHEM1\BNA F\DATA\BF091817\
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Acq On : 19 Sep 2017 7:22
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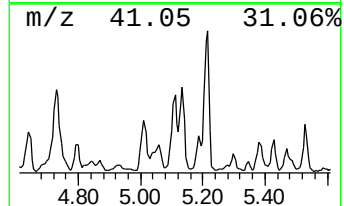
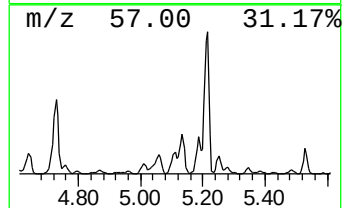
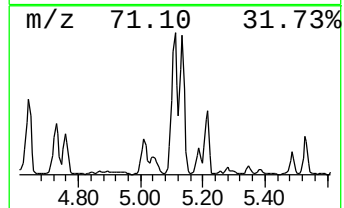
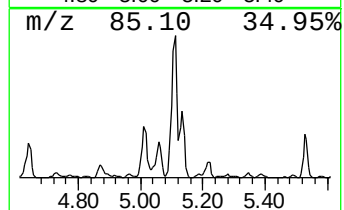
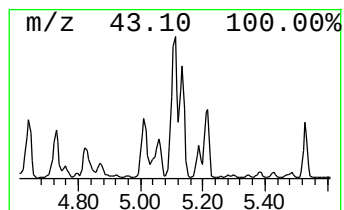
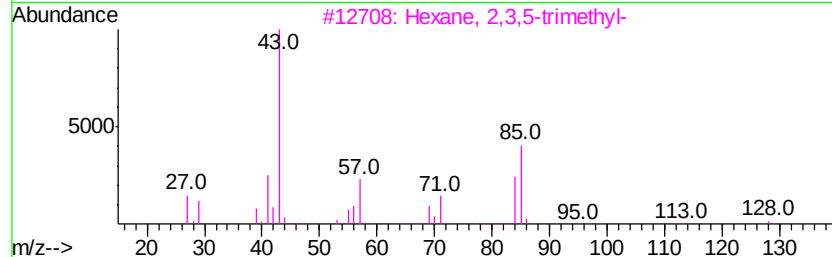
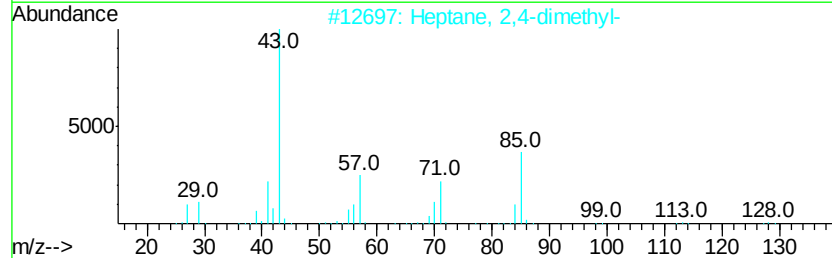
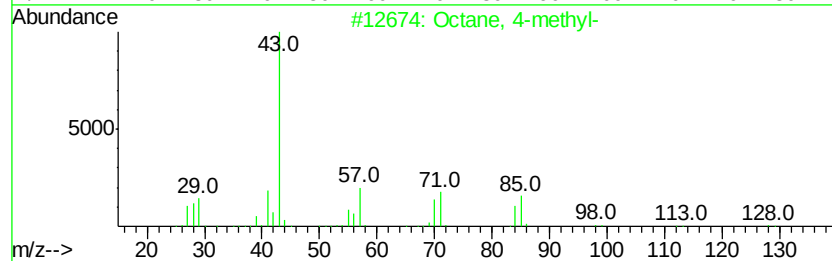
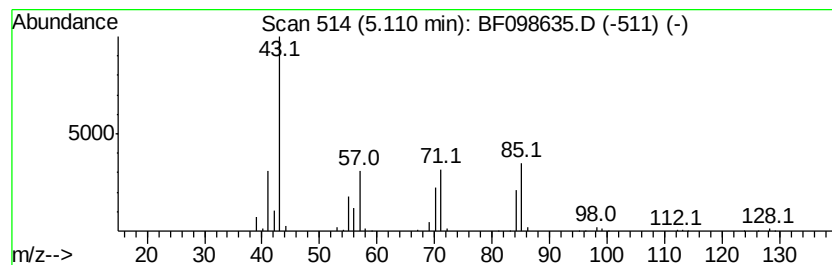
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Octane, 4-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.11	36.43 ng	2493780	1,4-Dichlorobenzene-d4	6.63

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 4-methyl-		128	C9H20	002216-34-4	91
2	Heptane, 2,4-dimethyl-		128	C9H20	002213-23-2	72
3	Hexane, 2,3,5-trimethyl-		128	C9H20	001069-53-0	64
4	Hexane, 2,3,4-trimethyl-		128	C9H20	000921-47-1	64
5	Hexane, 3-ethyl-		114	C8H18	000619-99-8	59



Data Path : Z:\HPCHEM1\BNA F\DATA\BF091817\
Data File : BF098635.D
Acq On : 19 Sep 2017 7:22
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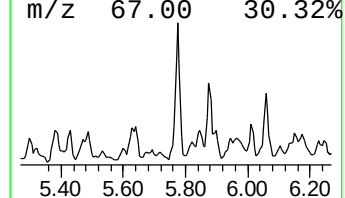
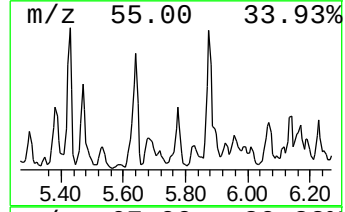
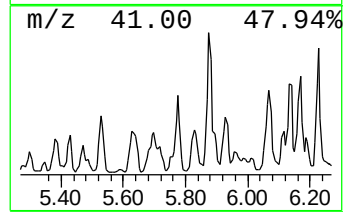
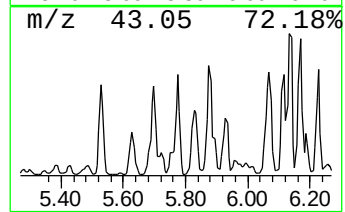
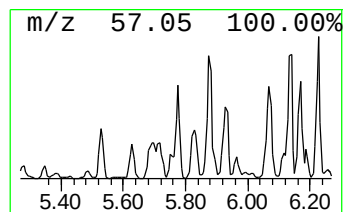
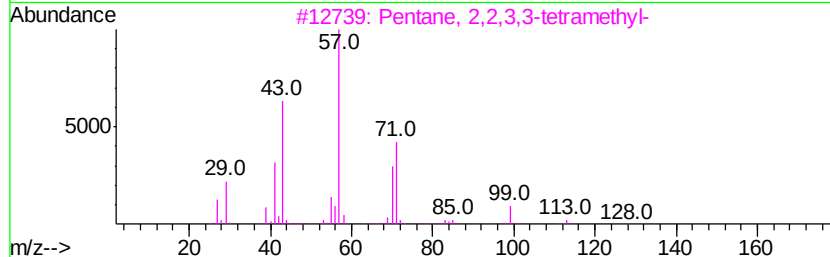
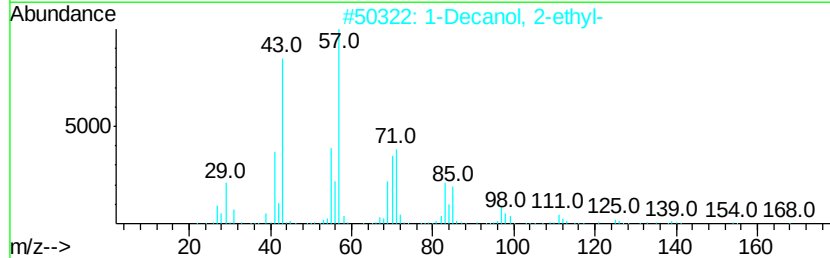
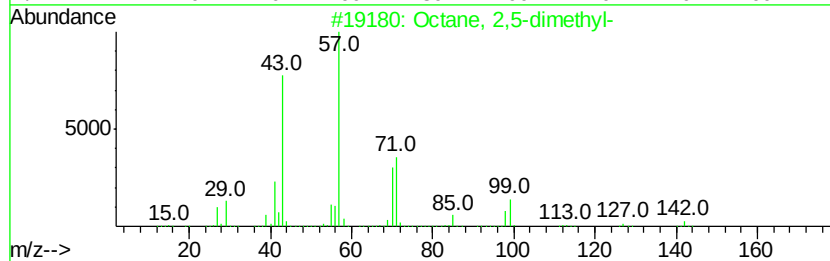
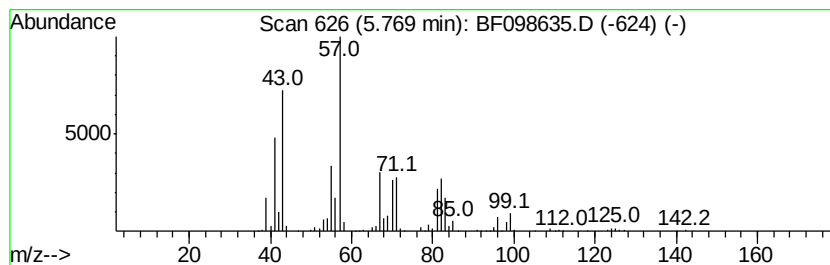
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 unknown5.77 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.77	33.41 ng	2287070	1,4-Dichlorobenzene-d4	6.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octane, 2,5-dimethyl-	142	C10H22	015869-89-3	38
2		1-Decanol, 2-ethyl-	186	C12H26O	021078-65-9	38
3		Pentane, 2,2,3,3-tetramethyl-	128	C9H20	007154-79-2	38
4		Heptane, 2,3,4-trimethyl-	142	C10H22	052896-95-4	35
5		Decane, 2,6,8-trimethyl-	184	C13H28	062108-26-3	35



Data Path : Z:\HPCHEM1\BNA F\DATA\BF091817\
Data File : BF098635.D
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ALS Vial : 39 Sample Multiplier: 1

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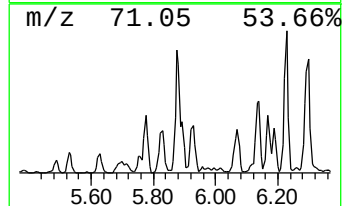
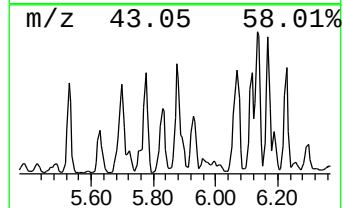
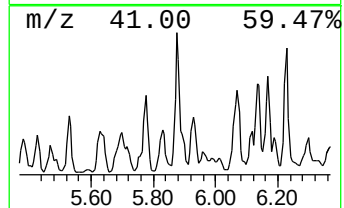
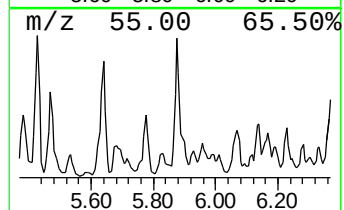
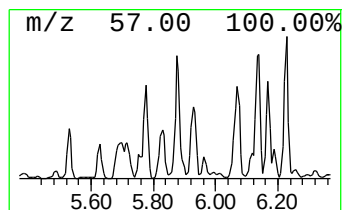
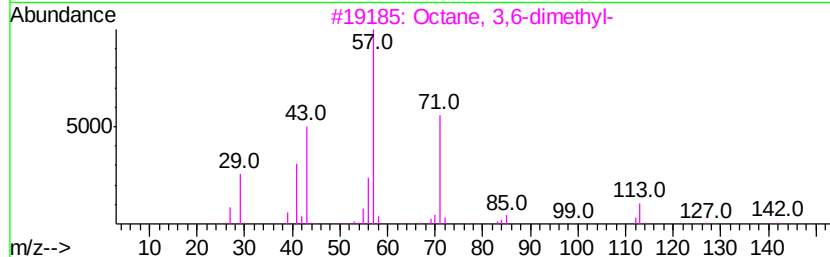
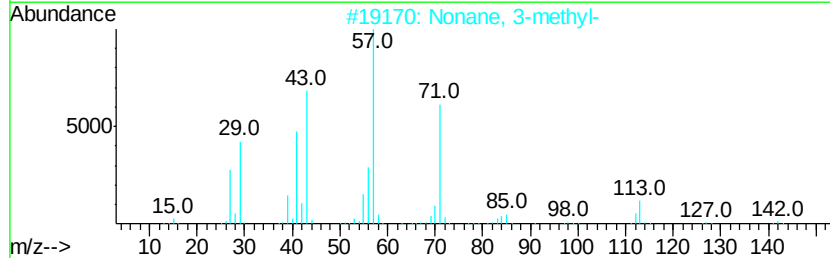
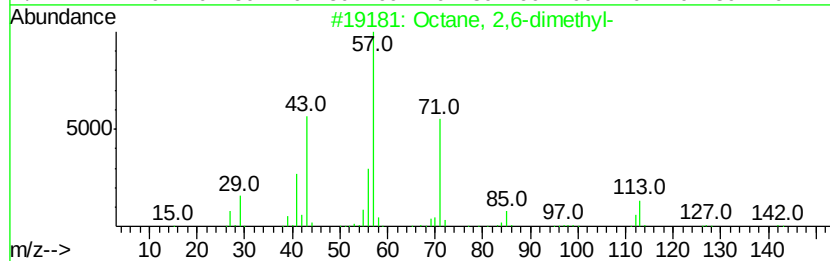
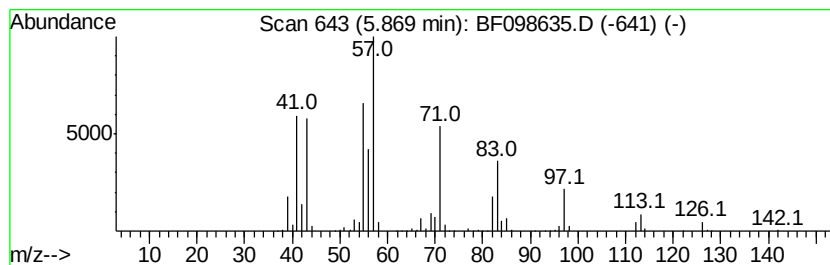
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 Octane, 2,6-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.87	52.14 ng	3569740	1,4-Dichlorobenzene-d4	6.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	62
2		Nonane, 3-methyl-	142	C10H22	005911-04-6	59
3		Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	53
4		Sulfurous acid, 2-ethylhexyl hep...	432	C25H52O3S	1000309-20-0	47
5		Sulfurous acid, 2-ethylhexyl iso...	278	C14H30O3S	1000309-19-0	47



Data Path : Z:\HPCHEM1\BNA F\DATA\BF091817\
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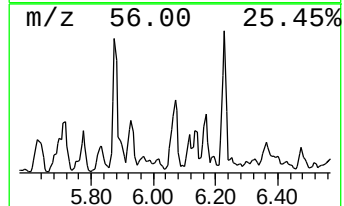
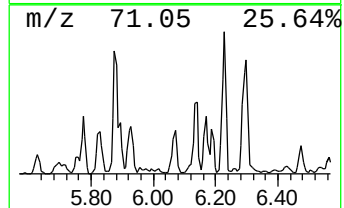
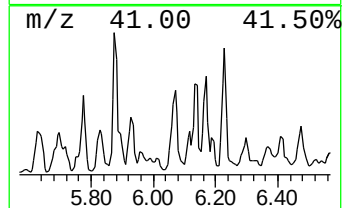
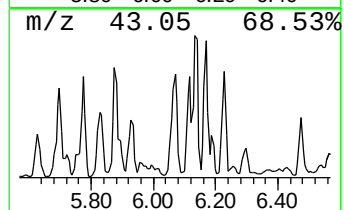
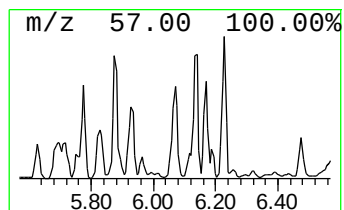
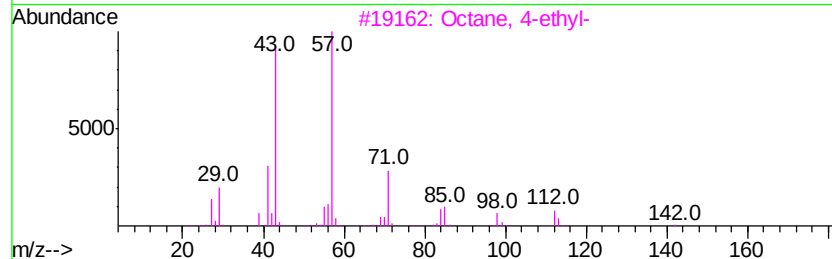
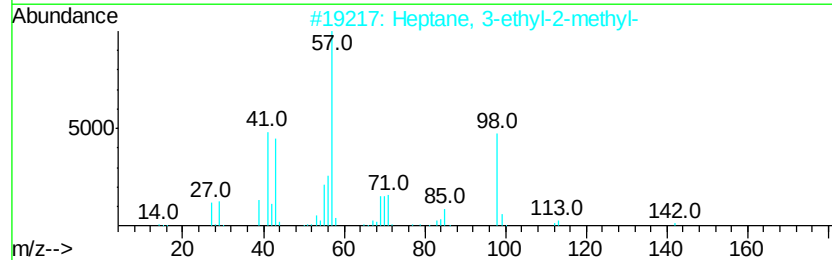
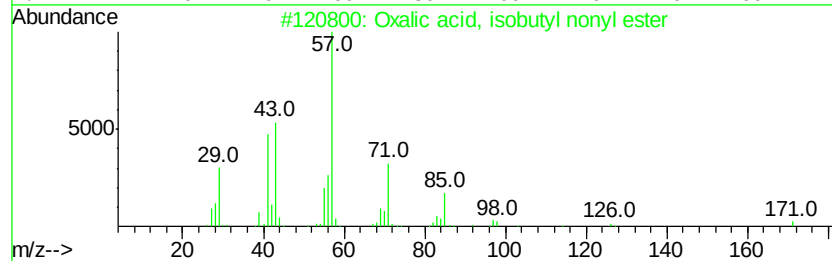
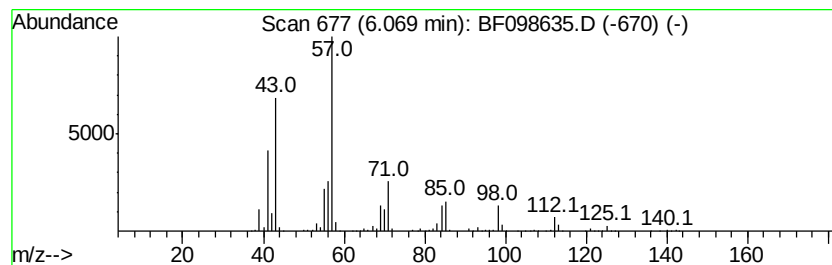
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 Oxalic acid, isobutyl nonyl... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.07	42.38 ng	2901180	1,4-Dichlorobenzene-d4	6.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Oxalic acid, isobutyl nonyl ester	272	C15H28O4	1000309-37-4	64
2		Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	59
3		Octane, 4-ethyl-	142	C10H22	015869-86-0	58
4		Tridecane, 6-methyl-	198	C14H30	013287-21-3	53
5		Decane, 2,5,9-trimethyl-	184	C13H28	062108-22-9	53



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091817\
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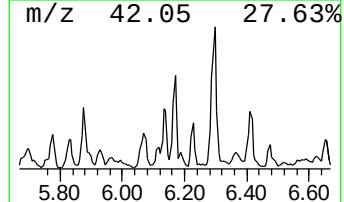
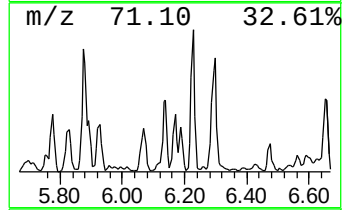
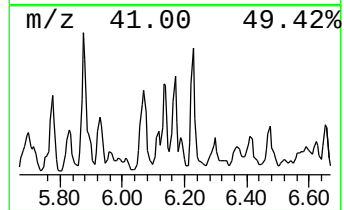
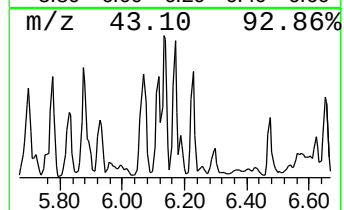
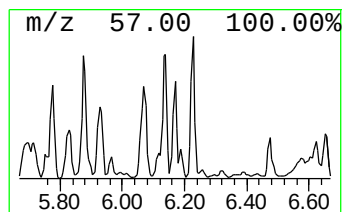
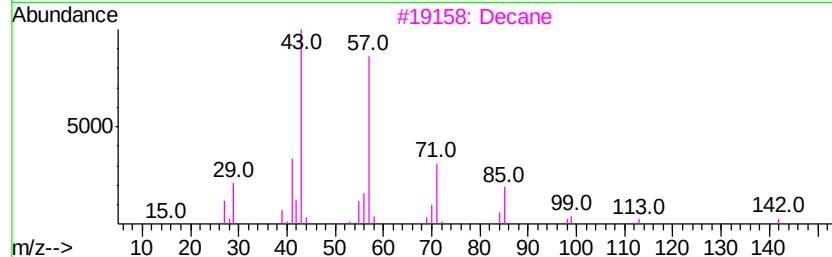
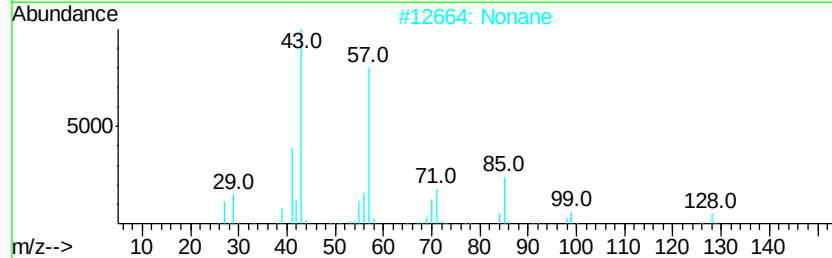
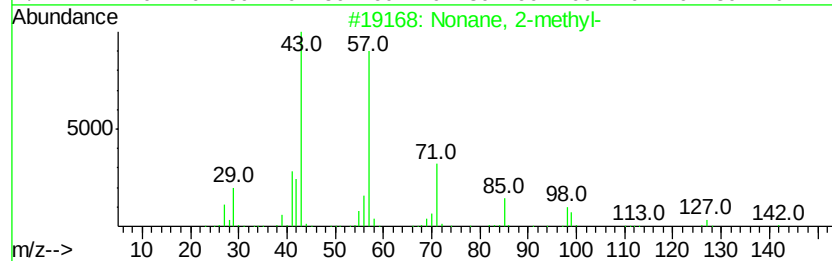
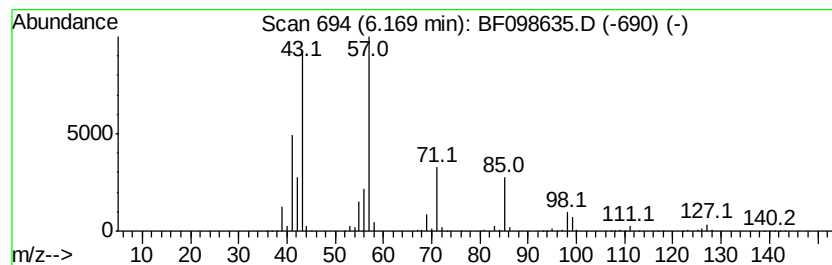
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 Nonane, 2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.17	44.00 ng	3012110	1,4-Dichlorobenzene-d4	6.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonane, 2-methyl-	142	C10H22	000871-83-0	78
2		Nonane	128	C9H20	000111-84-2	64
3		Decane	142	C10H22	000124-18-5	64
4		Octane, 2,7-dimethyl-	142	C10H22	001072-16-8	64
5		Octane, 2,3-dimethyl-	142	C10H22	007146-60-3	59



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091817\
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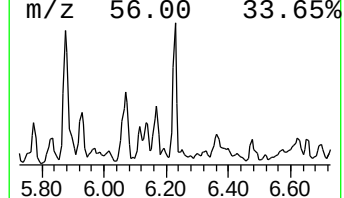
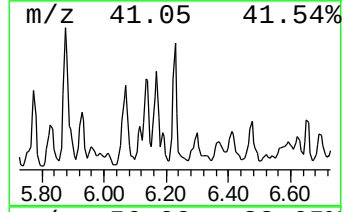
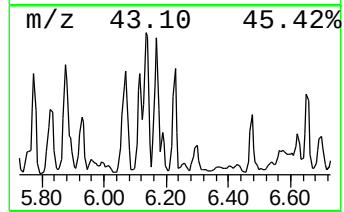
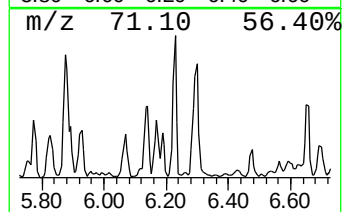
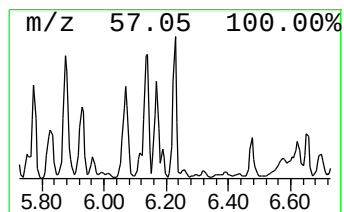
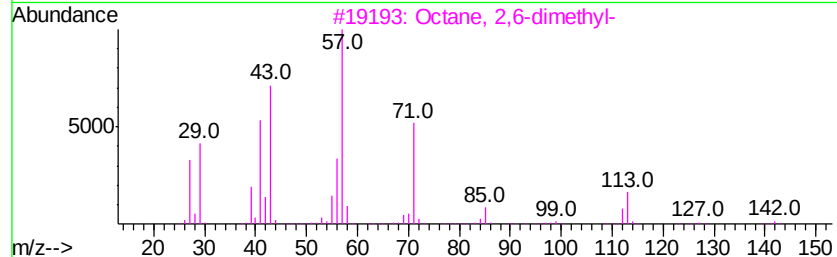
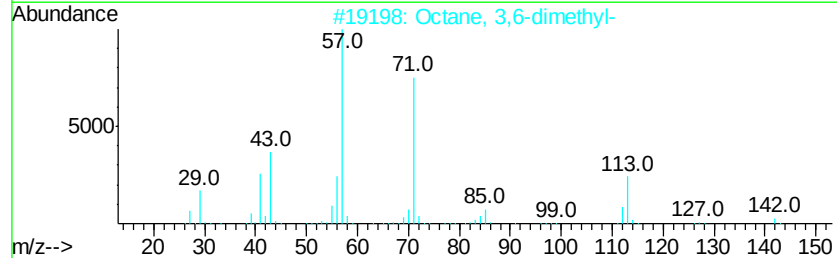
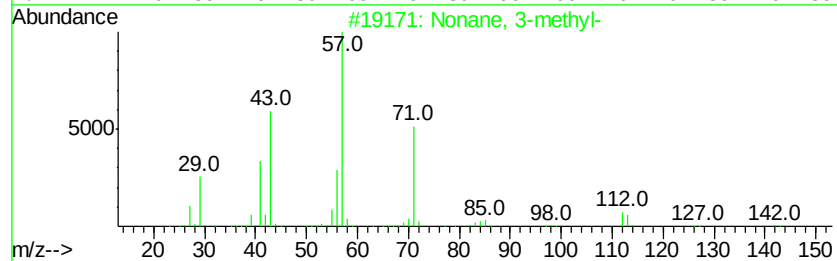
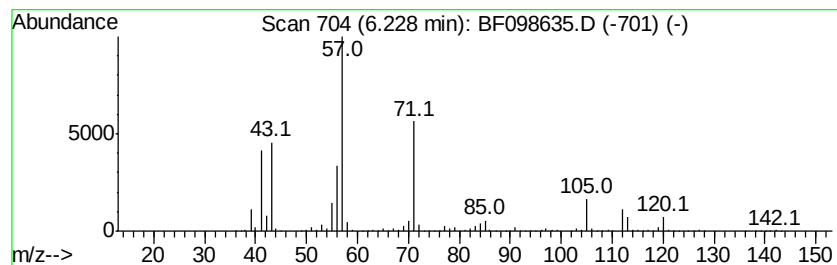
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 11 Nonane, 3-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.23	50.57 ng	3462100	1,4-Dichlorobenzene-d4	6.63
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Nonane, 3-methyl-	142 C10H22	005911-04-6	87
2	Octane, 3,6-dimethyl-	142 C10H22	015869-94-0	72
3	Octane, 2,6-dimethyl-	142 C10H22	002051-30-1	59
4	Undecane, 2,5-dimethyl-	184 C13H28	017301-22-3	53
5	Butane, 2,2-dimethyl-	86 C6H14	000075-83-2	50



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Operator : SJ/JU
Sample : I5265-14
Misc :
ALS Vial : 39 Sample Multiplier: 1

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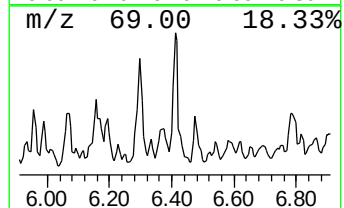
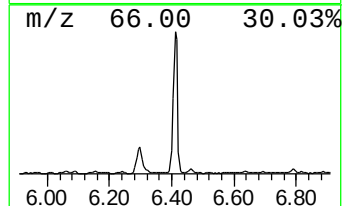
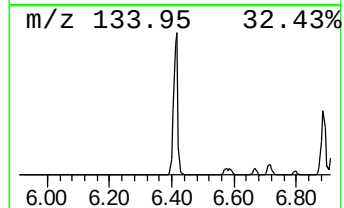
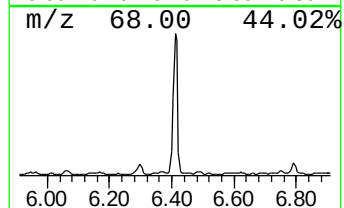
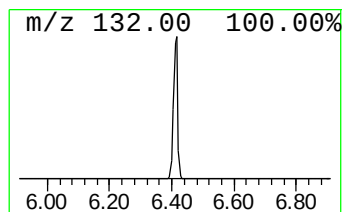
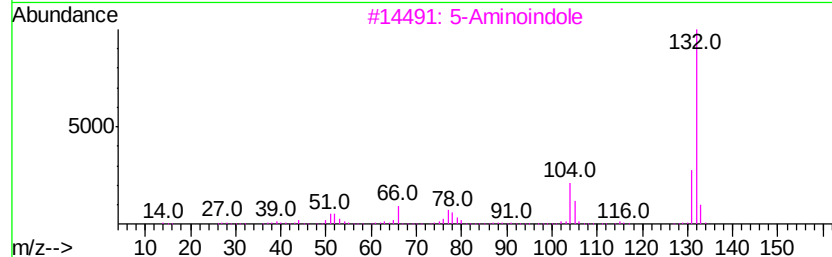
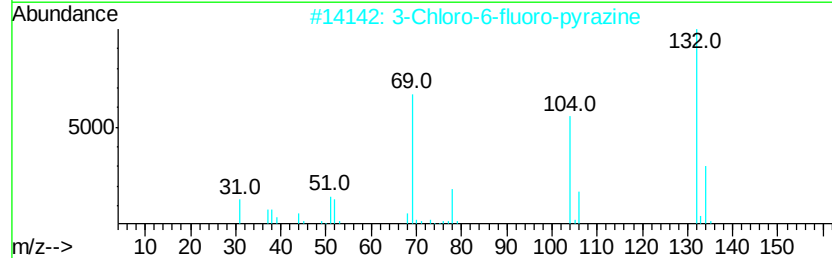
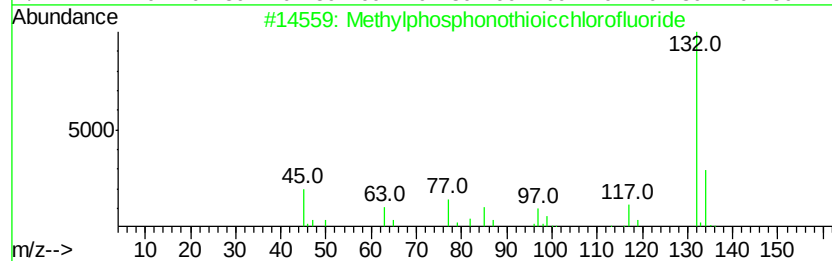
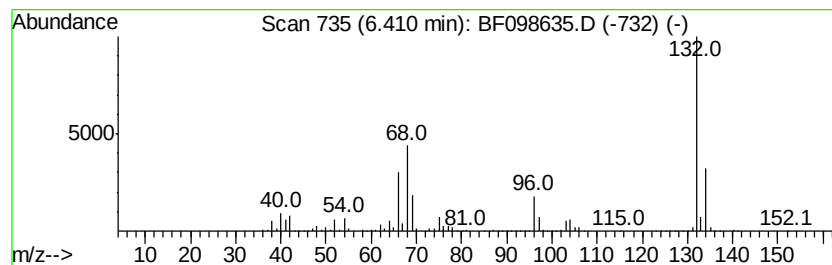
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 12 unknown6.41 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.41	51.40 ng	3519220	1,4-Dichlorobenzene-d4	6.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Methylphosphonothioicchlorofluoride	132	CH3ClFPS	027127-27-1	27
2		3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
3		5-Aminoindole	132	C8H8N2	005192-03-0	12
4		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
5		Tranlylcypromine-propionyl	189	C12H15NO	1000123-86-3	10



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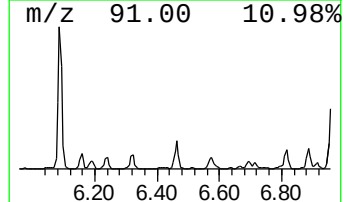
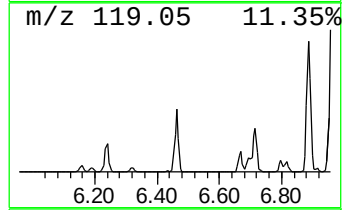
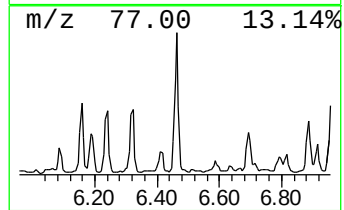
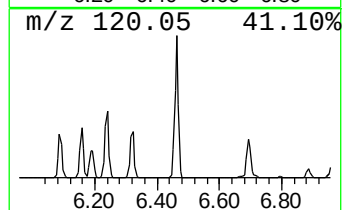
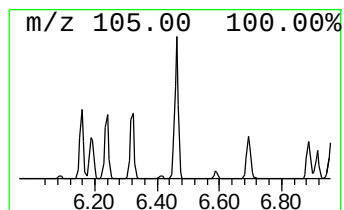
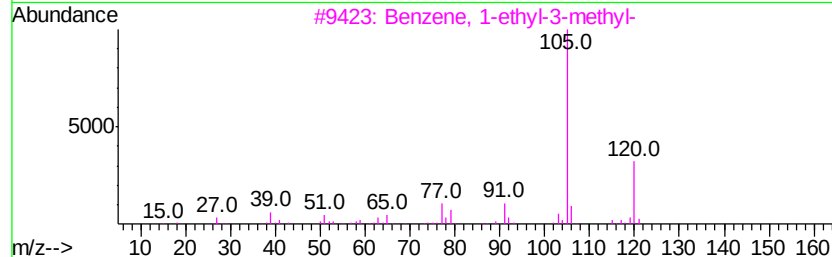
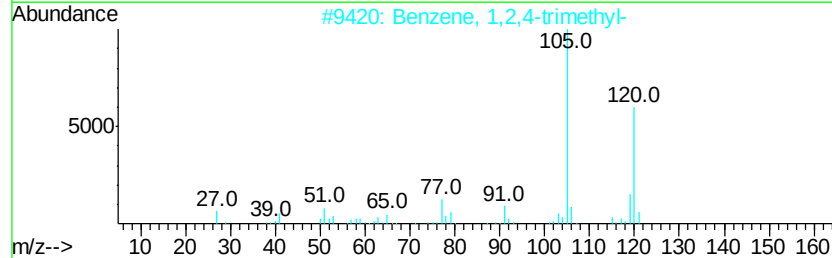
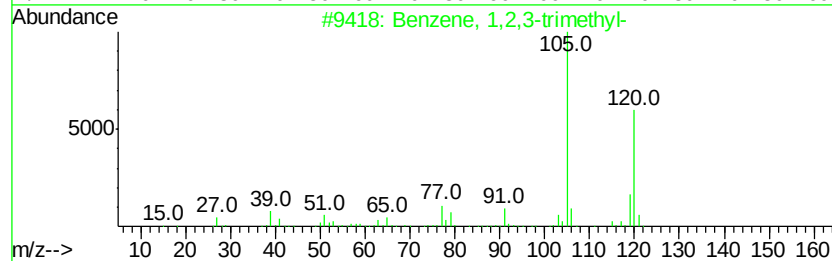
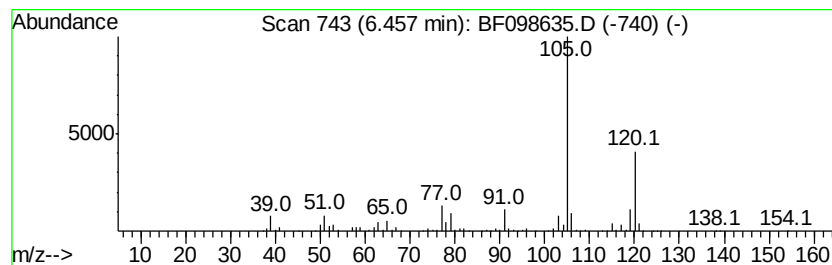
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 13 Benzene, 1,2,3-trimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.46	54.34 ng	3720470	1,4-Dichlorobenzene-d4	6.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	97
2		Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
3		Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
4		Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
5		Mesitylene	120	C9H12	000108-67-8	91



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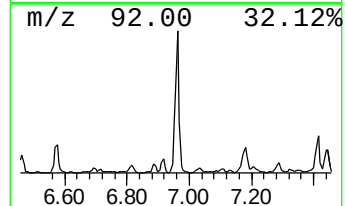
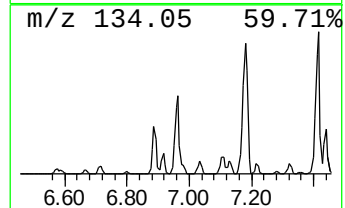
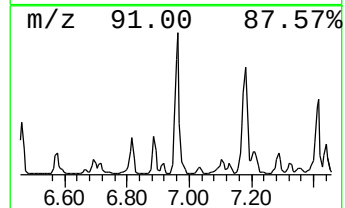
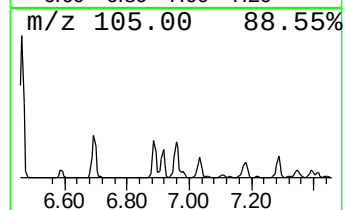
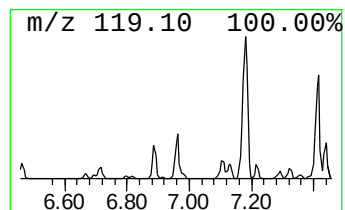
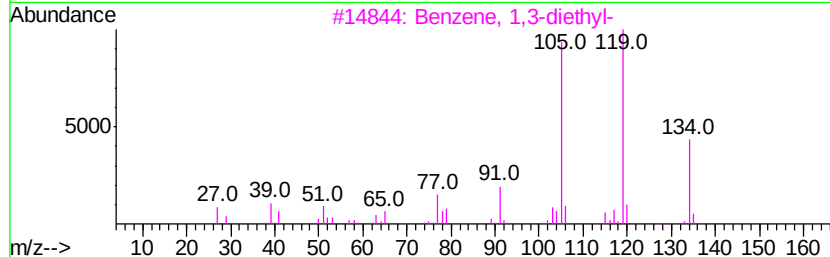
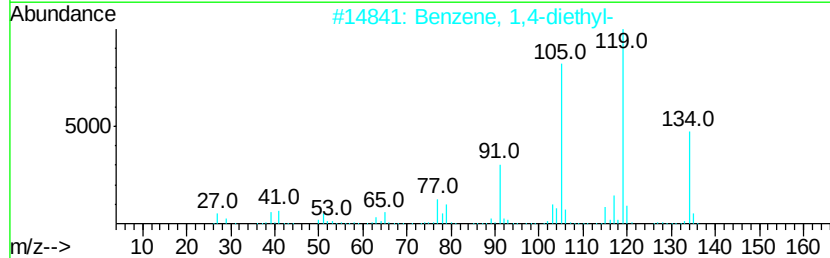
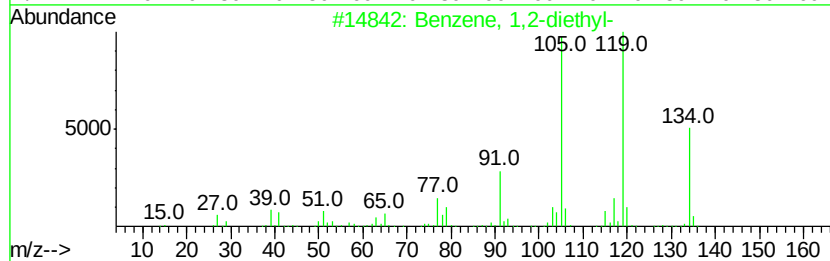
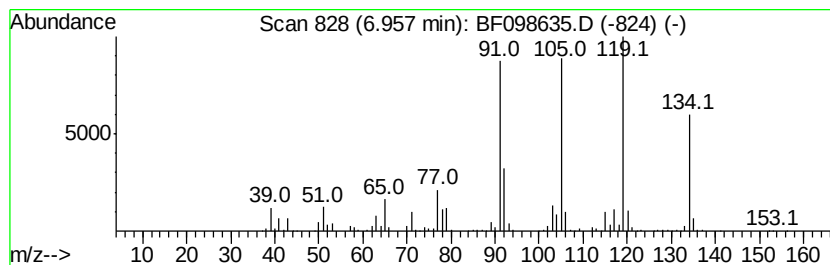
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 15 Benzene, 1,2-diethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.96	39.91 ng	2732290	1,4-Dichlorobenzene-d4	6.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	94
2		Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	93
3		Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	93
4		p-Cymene	134	C10H14	000099-87-6	93
5		Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	90



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091817\
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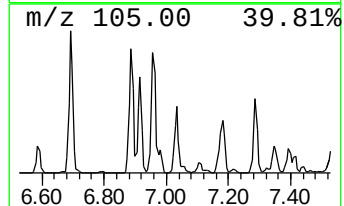
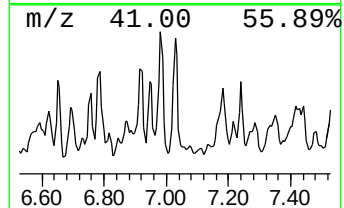
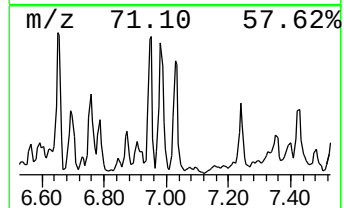
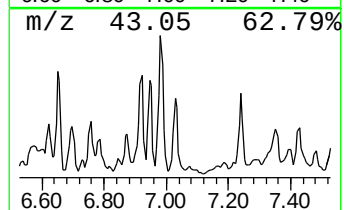
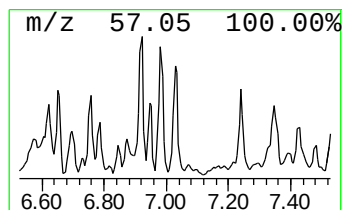
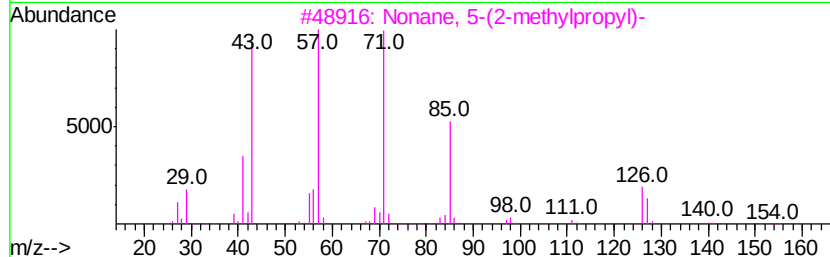
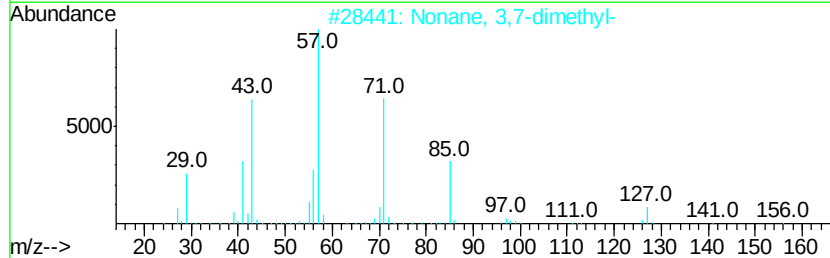
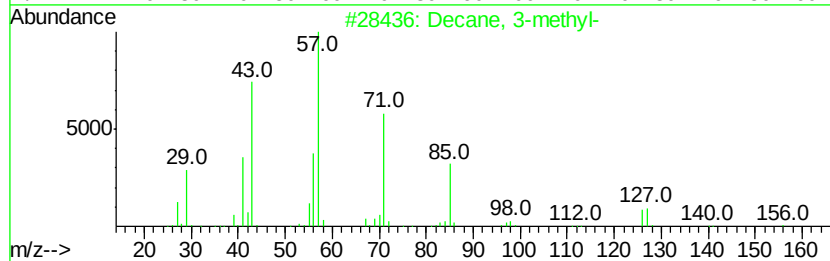
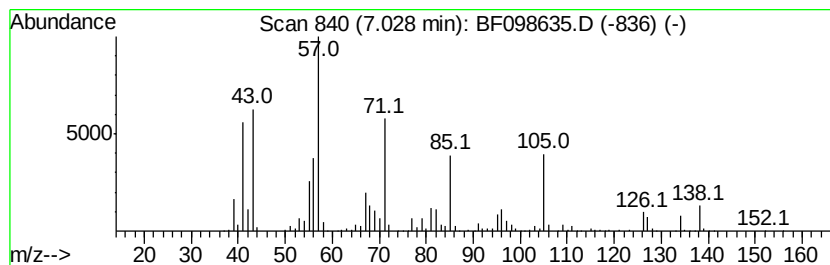
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 16 Decane, 3-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.03	29.37 ng	2010670	1,4-Dichlorobenzene-d4	6.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane, 3-methyl-	156	C11H24	013151-34-3	76
2		Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	49
3		Nonane, 5-(2-methylpropyl)-	184	C13H28	062185-53-9	47
4		Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	43
5		Octane, 2-methyl-	128	C9H20	003221-61-2	43



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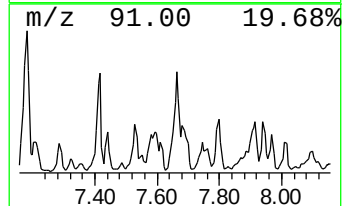
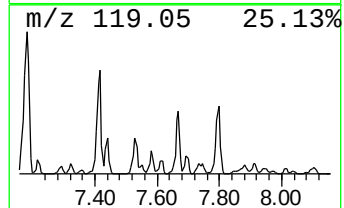
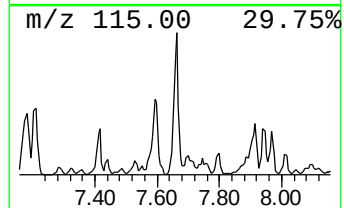
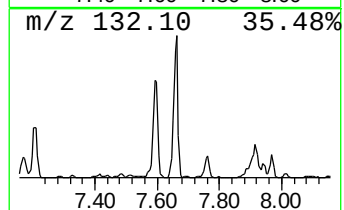
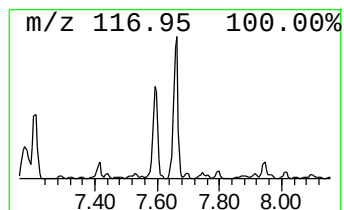
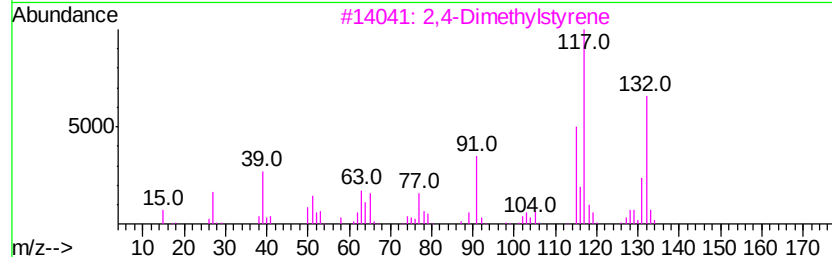
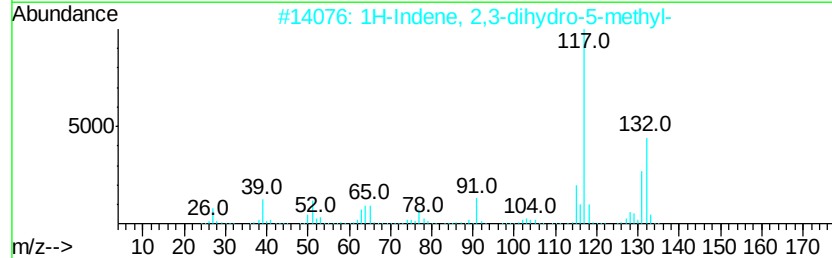
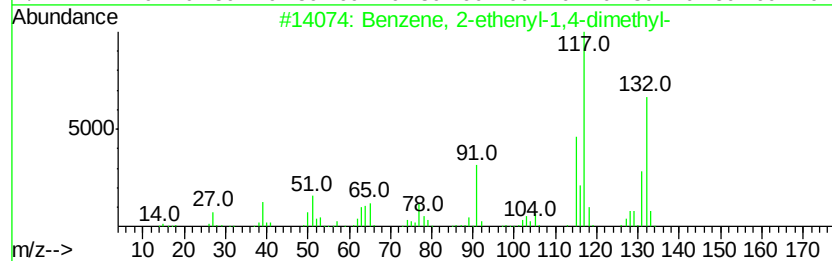
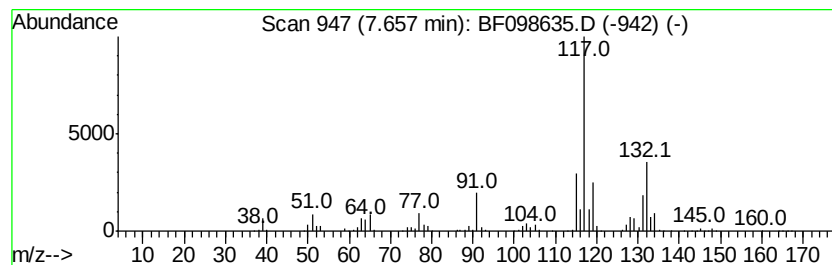
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 17 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.66	39.05 ng	5721420	Napthalene-d8	7.92

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	95
2		1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	91
3		2,4-Dimethylstyrene	132	C10H12	002234-20-0	86
4		3-Phenylbut-1-ene	132	C10H12	000934-10-1	70
5		Benzene, 2-ethenyl-1,3-dimethyl-	132	C10H12	002039-90-9	70



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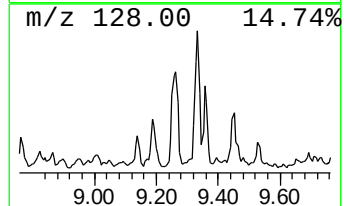
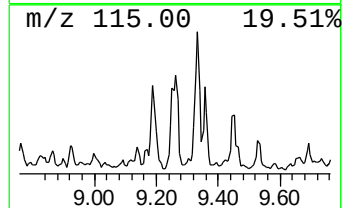
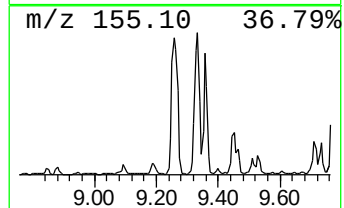
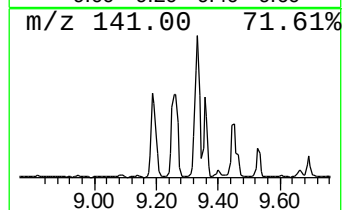
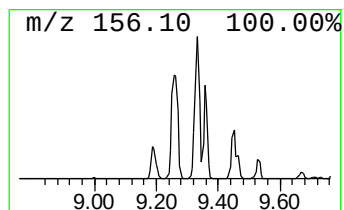
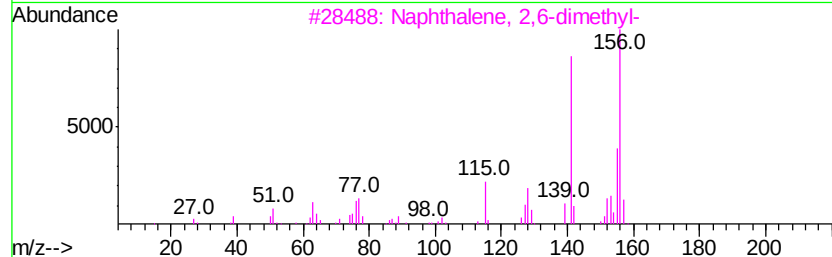
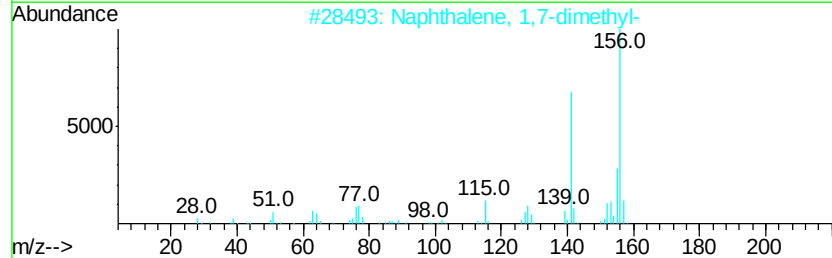
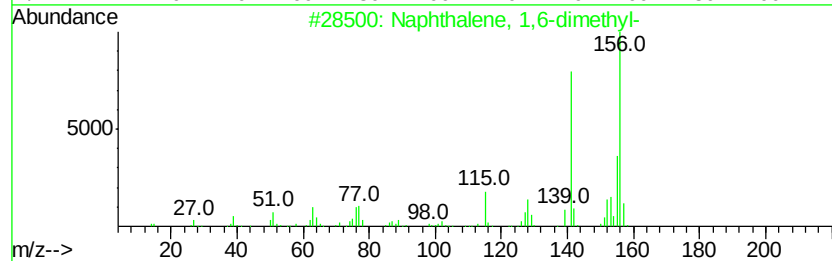
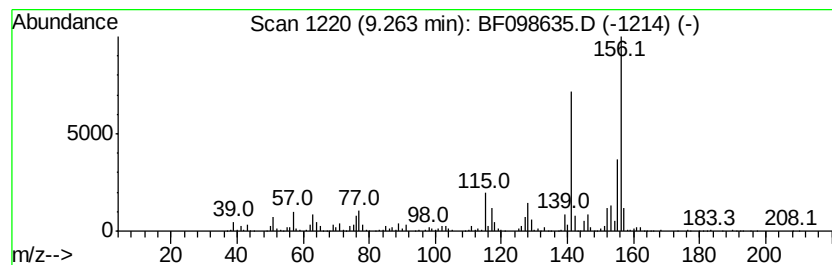
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 18 Naphthalene, 1,6-dimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.26	30.73 ng	1660210	Acenaphthene-d10	9.67

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	98
2		Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
3		Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96
4		Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
5		Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96



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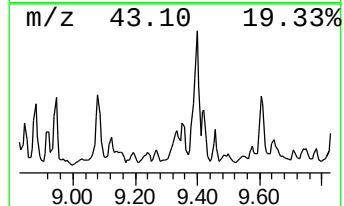
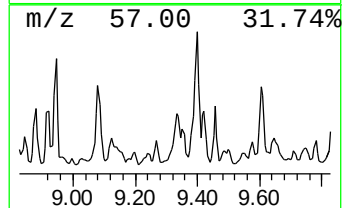
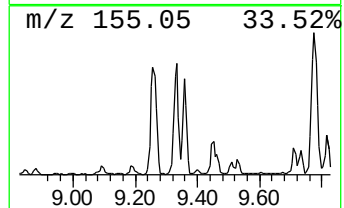
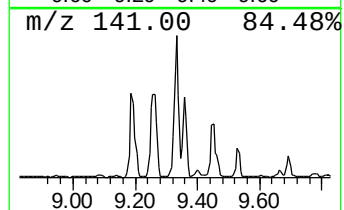
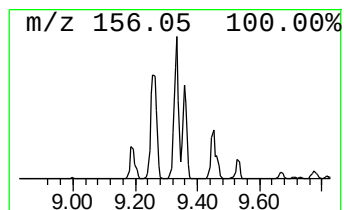
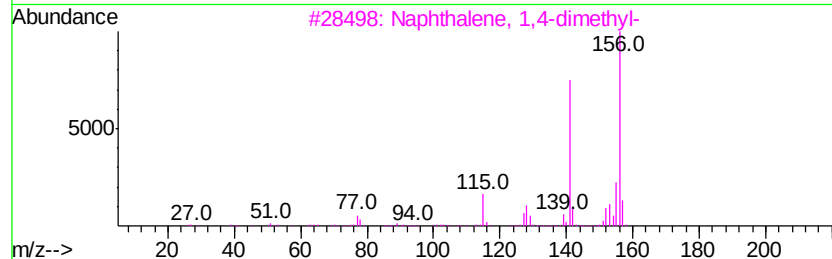
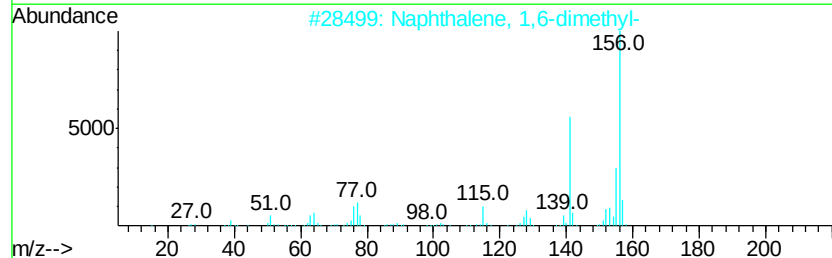
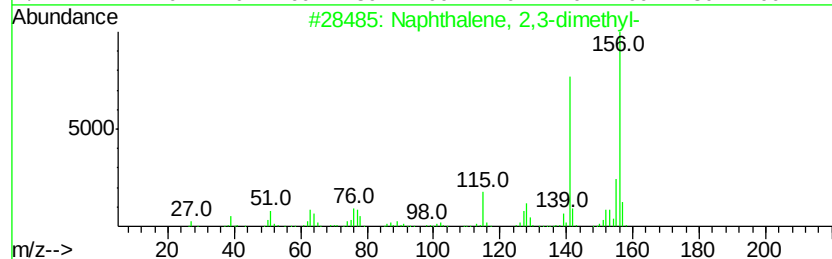
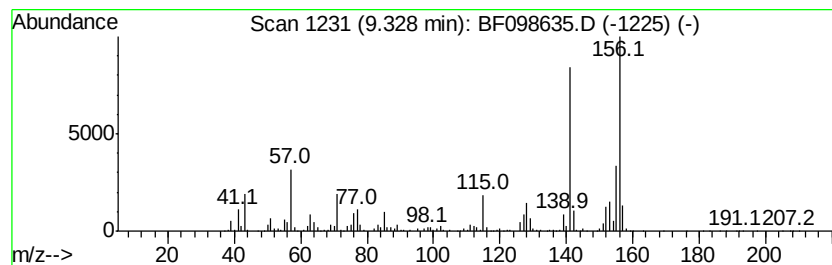
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 19 Naphthalene, 2,3-dimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.33	35.27 ng	1905490	Acenaphthene-d10	9.67

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2		Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
3		Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
4		Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
5		Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97



Data Path : Z:\HPCHEM1\BNA F\DATA\BF091817\
Data File : BF098635.D
Acq On : 19 Sep 2017 7:22
Operator : SJ/JU
Sample : I5265-14
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-20D24

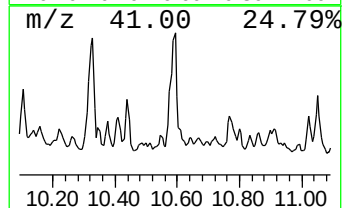
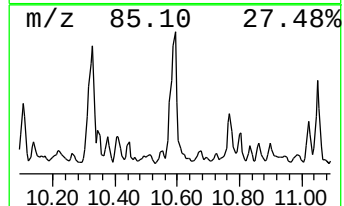
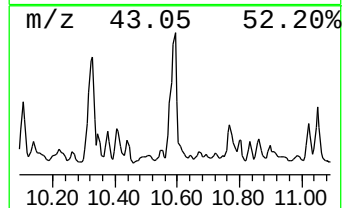
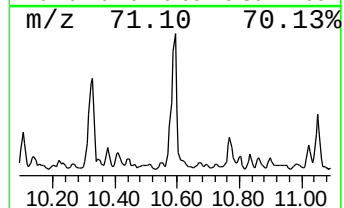
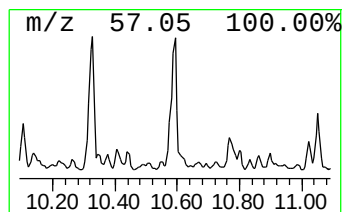
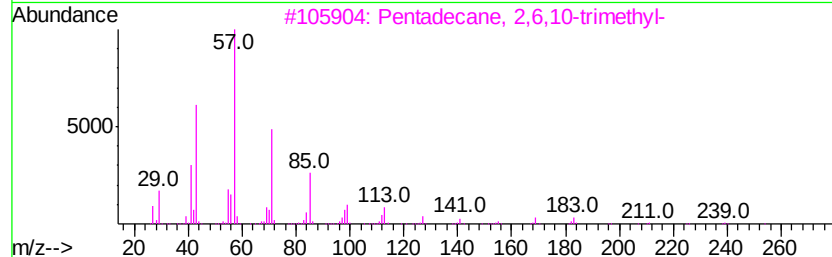
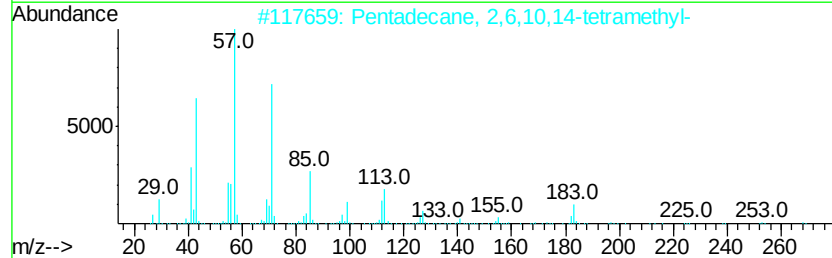
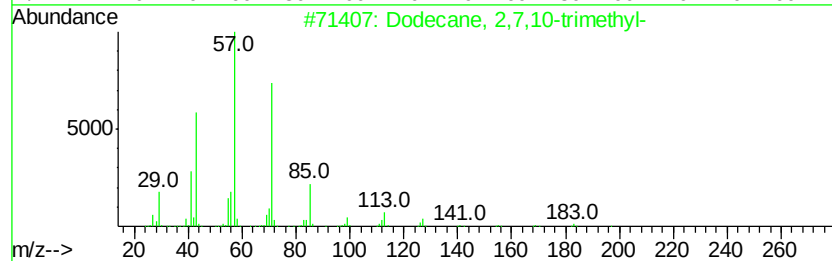
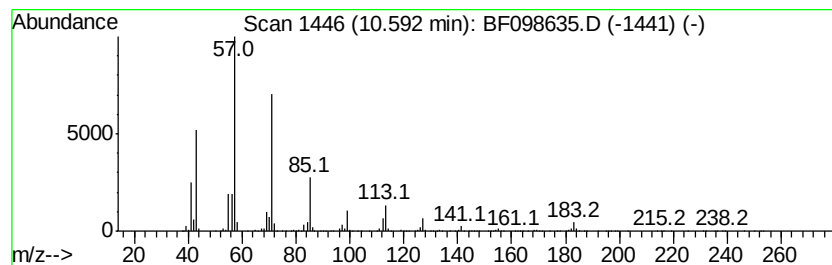
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 20 Dodecane, 2,7,10-trimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.59	56.02 ng	2332960	Phenanthrene-d10	11.15

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	86
2		Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	86
3		Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	83
4		Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	78
5		Undecane, 6-ethyl-	184	C13H28	017312-60-6	76



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091817\
 Data File : BF098635.D
 Acq On : 19 Sep 2017 7:22
 Operator : SJ/JU
 Sample : I5265-14
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-20D24

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF091117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
 TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Heptane, 3-methyl-	3.67	32.3	ng	2211760	1	6.63	1369260	20.0
Silane, trichloro...	4.19	37.2	ng	2546710	1	6.63	1369260	20.0
Heptane, 2,5-dime...	4.73	55.6	ng	3803850	1	6.63	1369260	20.0
unknown5.01	5.01	31.7	ng	2167530	1	6.63	1369260	20.0
Octane, 4-methyl-	5.11	36.4	ng	2493780	1	6.63	1369260	20.0
unknown5.77	5.77	33.4	ng	2287070	1	6.63	1369260	20.0
Octane, 2,6-dimet...	5.87	52.1	ng	3569740	1	6.63	1369260	20.0
Oxalic acid, isob...	6.07	42.4	ng	2901180	1	6.63	1369260	20.0
Nonane, 2-methyl-	6.17	44.0	ng	3012110	1	6.63	1369260	20.0
Nonane, 3-methyl-	6.23	50.6	ng	3462100	1	6.63	1369260	20.0
unknown6.41	6.41	51.4	ng	3519220	1	6.63	1369260	20.0
Benzene, 1,2,3-tr...	6.46	54.3	ng	3720470	1	6.63	1369260	20.0
Benzene, 1,2-diet...	6.96	39.9	ng	2732290	1	6.63	1369260	20.0
Decane, 3-methyl-	7.03	29.4	ng	2010670	1	6.63	1369260	20.0
Benzene, 2-etheny...	7.66	39.0	ng	5721420	2	7.92	2930660	20.0
Naphthalene, 1,6-...	9.26	30.7	ng	1660210	3	9.67	1080610	20.0
Naphthalene, 2,3-...	9.33	35.3	ng	1905490	3	9.67	1080610	20.0
Dodecane, 2,7,10-...	10.59	56.0	ng	2332960	4	11.15	832842	20.0