

Data Path : Z:\HPCHEM1\BNA_F\Data\BF022817\
 Data File : BF093251.D
 Acq On : 28 Feb 2017 16:27
 Operator : SJ/MA
 Sample : I2017-04
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TK3-3-20170227

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-BF013017.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	3.630	128	135	140	rVV3	437488	1169501	29.76%	1.203%
2	3.790	145	149	152	rVV	394186	779876	19.85%	0.802%
3	3.961	158	164	167	rBV	944503	1704805	43.39%	1.754%
4	4.018	167	169	172	rVV	407840	593410	15.10%	0.611%
5	4.121	172	178	181	rVV2	222223	392927	10.00%	0.404%
6	4.190	181	184	187	rVB	174001	321305	8.18%	0.331%
7	4.327	192	196	202	rVV2	2018204	3373724	85.86%	3.471%
8	4.453	202	207	210	rVB	387068	628145	15.99%	0.646%
9	4.624	219	222	224	rVV2	127789	213160	5.42%	0.219%
10	4.670	224	226	228	rVV	217840	264190	6.72%	0.272%
11	4.784	231	236	238	rVV	485209	690924	17.58%	0.711%
12	4.841	238	241	242	rVV2	204394	413889	10.53%	0.426%
13	4.887	242	245	248	rVV2	1292123	2013074	51.23%	2.071%
14	4.967	248	252	259	rVV2	1069856	2526374	64.30%	2.600%
15	5.161	266	269	271	rVV	809882	918104	23.37%	0.945%
16	5.241	274	276	278	rVV2	364035	750717	19.11%	0.772%
17	5.287	278	280	282	rVV	292653	418346	10.65%	0.430%
18	5.356	282	286	289	rVV	1369417	2185778	55.63%	2.249%
19	5.413	289	291	293	rVV	2647598	3257744	82.91%	3.352%
20	5.459	293	295	300	rVV2	163003	309950	7.89%	0.319%
21	5.539	300	302	304	rVV	178932	290582	7.40%	0.299%
22	5.584	304	306	308	rVV	340953	384278	9.78%	0.395%
23	5.619	308	309	313	rVV2	892257	1336049	34.00%	1.375%
24	5.687	313	315	318	rVV	980021	1111910	28.30%	1.144%
25	5.801	321	325	327	rVB2	268496	417129	10.62%	0.429%
26	5.859	327	330	331	rBV	150629	225977	5.75%	0.233%
27	5.939	335	337	340	rVV2	488966	548163	13.95%	0.564%
28	6.041	344	346	349	rVV	870197	1021326	25.99%	1.051%
29	6.099	349	351	352	rVV	305176	307424	7.82%	0.316%
30	6.133	352	354	360	rVB3	107307	326161	8.30%	0.336%
31	6.236	360	363	364	rBV	325953	416315	10.60%	0.428%
32	6.293	366	368	370	rVV2	225501	535141	13.62%	0.551%
33	6.327	370	371	373	rVV	853899	927290	23.60%	0.954%
34	6.396	375	377	380	rVV2	409816	725183	18.46%	0.746%

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35	6.464	380	383	385	rVV	2914679	3929336	100.00%	4.043%
36	6.544	387	390	391	rVV	281714	513243	13.06%	0.528%
37	6.579	391	393	396	rVV	3341658	3218900	81.92%	3.312%
38	6.636	396	398	401	rVV	1375190	2154355	54.83%	2.217%
39	6.762	404	409	411	rVV3	127282	481659	12.26%	0.496%
40	6.807	411	413	416	rVV2	1154188	1508589	38.39%	1.552%
41	6.864	416	418	419	rVV	512827	497283	12.66%	0.512%
42	6.967	424	427	429	rVV	2245897	2791416	71.04%	2.872%
43	7.082	430	437	439	rVV2	281487	550657	14.01%	0.567%
44	7.127	439	441	445	rVV3	248525	460740	11.73%	0.474%
45	7.196	445	447	452	rVV2	247569	334051	8.50%	0.344%
46	7.344	457	460	461	rVV2	151938	216073	5.50%	0.222%
47	7.379	461	463	464	rVV	2105054	2160001	54.97%	2.223%
48	7.402	464	465	467	rVV	353406	447899	11.40%	0.461%
49	8.087	522	525	530	rBV2	948323	1339473	34.09%	1.378%
50	9.162	617	619	622	rVV	2305752	2632312	66.99%	2.709%
51	9.562	652	654	657	rVV	345923	306116	7.79%	0.315%
52	9.699	664	666	669	rBV	297558	382056	9.72%	0.393%
53	9.848	676	679	680	rVV	770403	996976	25.37%	1.026%
54	10.636	745	748	750	rBV	1245709	1369607	34.86%	1.409%
55	10.750	756	758	762	rVB2	129465	231640	5.90%	0.238%
56	11.219	798	799	803	rVB	185977	207555	5.28%	0.214%
57	11.356	806	811	813	rBV2	2344054	3221664	81.99%	3.315%
58	11.402	813	815	817	rVB	563132	455513	11.59%	0.469%
59	11.562	826	829	832	rBV	279150	341960	8.70%	0.352%
60	11.825	850	852	854	rBV	484430	623882	15.88%	0.642%
61	11.859	854	855	857	rVB	773339	562326	14.31%	0.579%
62	11.939	860	862	866	rVB	783992	1180845	30.05%	1.215%
63	12.122	876	878	879	rBV	293959	254023	6.46%	0.261%
64	12.156	879	881	883	rVB	500996	462376	11.77%	0.476%
65	12.271	888	891	893	rBV3	181215	271756	6.92%	0.280%
66	12.385	898	901	902	rBV	362994	564063	14.36%	0.580%
67	12.408	902	903	907	rVB2	222458	381274	9.70%	0.392%
68	12.465	907	908	910	rBV2	302921	381307	9.70%	0.392%
69	12.545	912	915	917	rBV	2996296	2842810	72.35%	2.925%
70	12.602	917	920	922	rBV3	120891	205697	5.23%	0.212%
71	12.682	925	927	929	rBV2	200083	304828	7.76%	0.314%

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72	12.774	932	935	937	rBV	2954486	3315539	84.38%	3.412%
73	12.819	938	939	943	rVB3	174501	248247	6.32%	0.255%
74	12.911	943	947	951	rVB	1917246	2213116	56.32%	2.277%
75	12.991	951	954	960	rBV3	349881	744992	18.96%	0.767%
76	13.094	960	963	965	rVB2	370945	806348	20.52%	0.830%
77	13.196	970	972	976	rVV2	376438	693428	17.65%	0.714%
78	13.288	979	980	982	rVV	272215	391365	9.96%	0.403%
79	13.322	982	983	987	rVB	312250	351988	8.96%	0.362%
80	13.608	1006	1008	1010	rVB	488725	484321	12.33%	0.498%
81	13.722	1015	1018	1019	rBV	381386	642634	16.35%	0.661%
82	13.768	1021	1022	1025	rVV2	242498	416378	10.60%	0.428%
83	13.825	1025	1027	1028	rVV	385138	516249	13.14%	0.531%
84	13.962	1035	1039	1041	rBV2	1922585	3358563	85.47%	3.456%
85	13.997	1041	1042	1046	rVB	1843178	1596850	40.64%	1.643%
86	14.122	1051	1053	1058	rVV4	188480	421835	10.74%	0.434%
87	14.351	1071	1073	1075	rVV	351262	615402	15.66%	0.633%
88	14.385	1075	1076	1078	rVV	224234	347533	8.84%	0.358%
89	14.431	1078	1080	1083	rVV4	180250	407506	10.37%	0.419%
90	14.477	1083	1084	1088	rVV2	196507	410370	10.44%	0.422%
91	14.842	1114	1116	1119	rBV	189512	309203	7.87%	0.318%
92	15.002	1126	1130	1136	rBV	1261675	2938779	74.79%	3.024%
93	15.094	1136	1138	1140	rBV	308198	337568	8.59%	0.347%
94	15.277	1152	1154	1157	rBV	762958	1001206	25.48%	1.030%
95	15.345	1157	1160	1162	rBV	1029385	1399959	35.63%	1.440%
96	15.402	1162	1165	1166	rBV	512040	824168	20.97%	0.848%
97	16.431	1252	1255	1260	rBV3	106112	219042	5.57%	0.225%
98	16.797	1283	1287	1290	rBV	429149	902702	22.97%	0.929%
99	16.957	1298	1301	1303	rBV2	112869	246114	6.26%	0.253%
100	17.208	1320	1323	1331	rVB	342952	741639	18.87%	0.763%

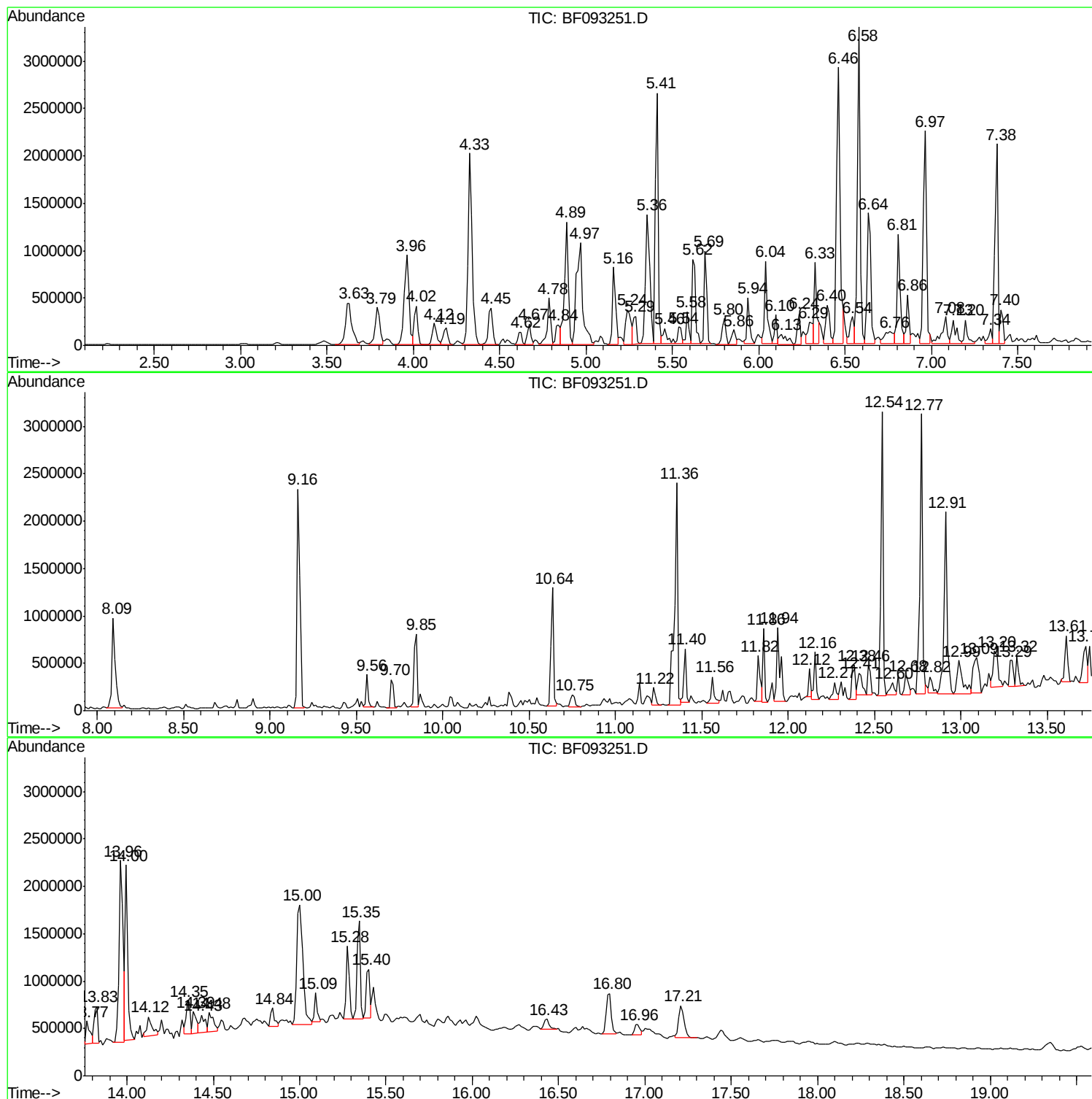
Sum of corrected areas: 97186176

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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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Instrument :
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ClientSampled :
TK3-3-20170227

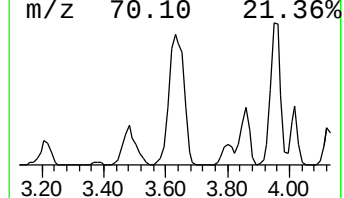
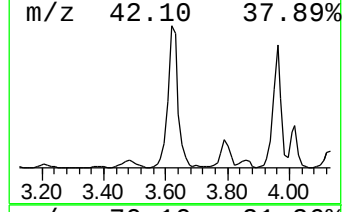
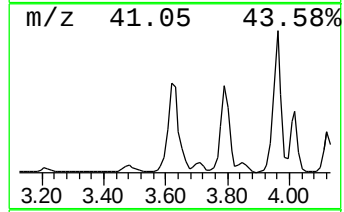
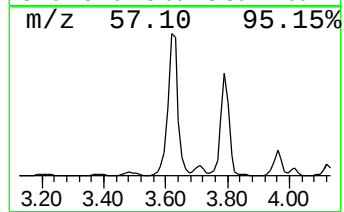
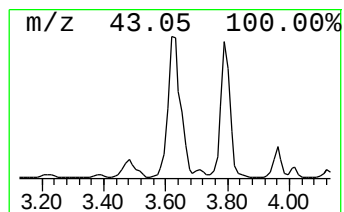
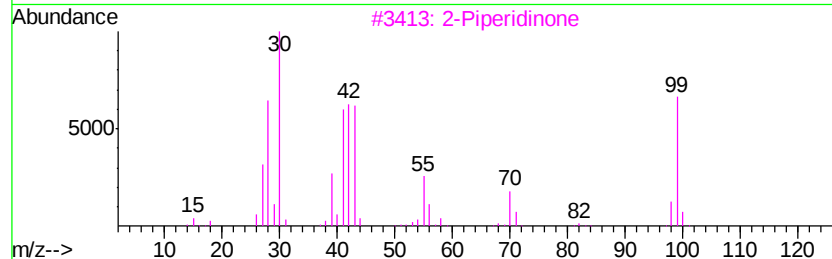
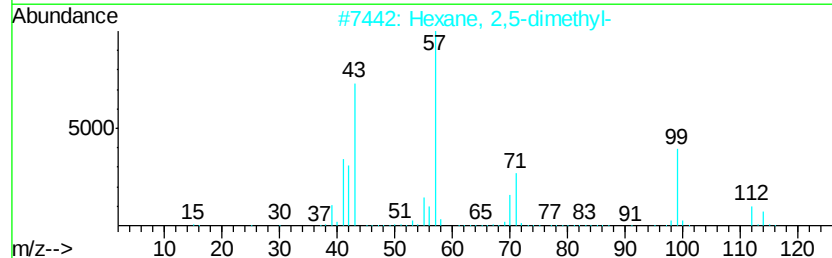
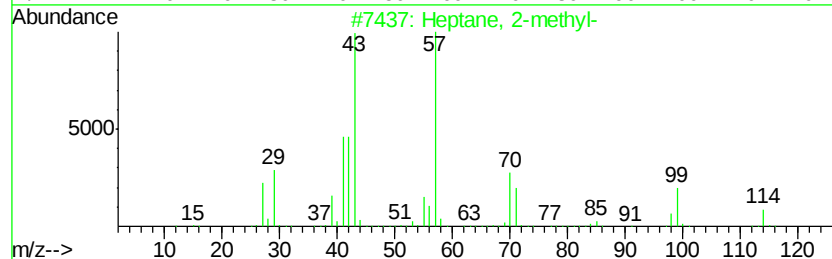
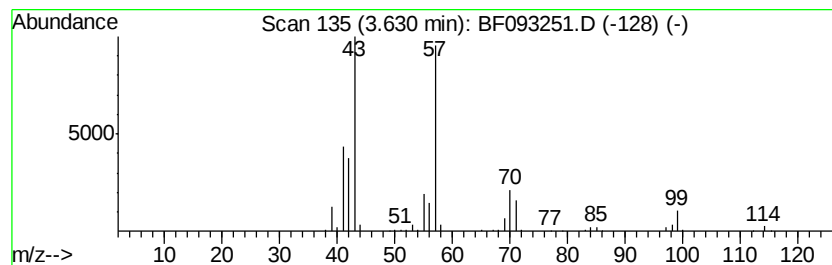
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Heptane, 2-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.63	15.50 ng	1169500	1,4-Dichlorobenzene-d4	6.81

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptane, 2-methyl-	114	C8H18	000592-27-8	83
2		Hexane, 2,5-dimethyl-	114	C8H18	000592-13-2	50
3		2-Piperidinone	99	C5H9NO	000675-20-7	47
4		Decane, 2,6,8-trimethyl-	184	C13H28	062108-26-3	47
5		Heptane, 3,5-dimethyl-	128	C9H20	000926-82-9	43



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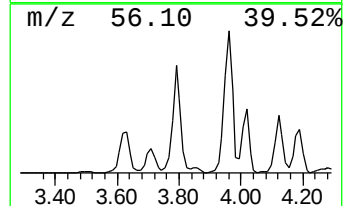
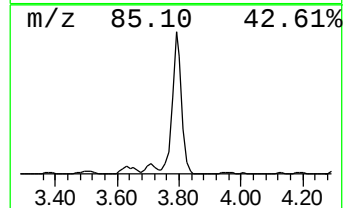
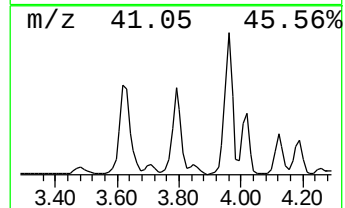
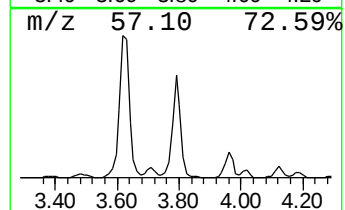
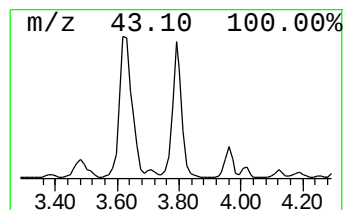
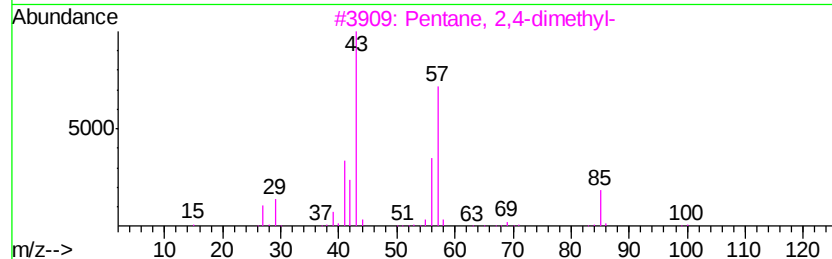
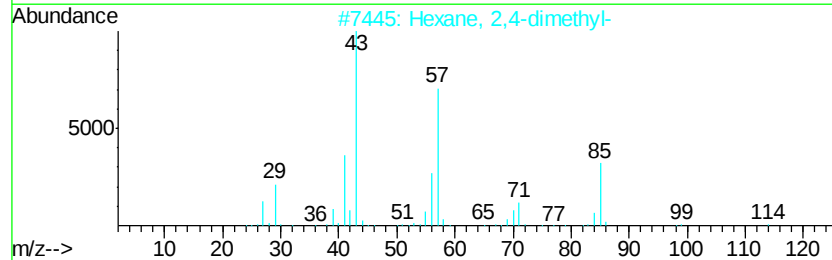
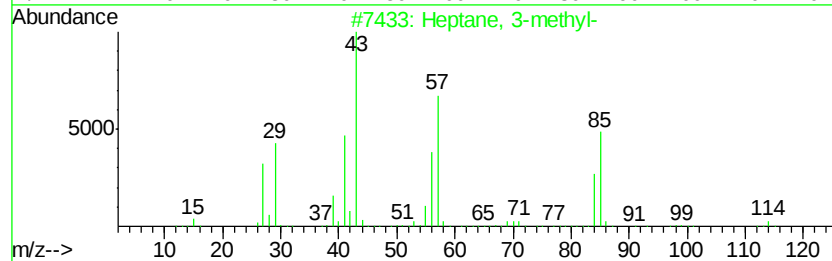
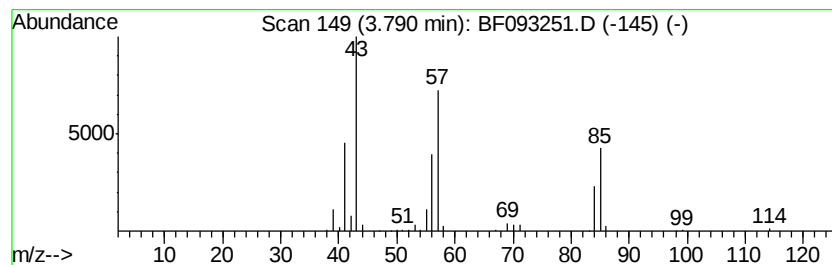
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Heptane, 3-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.79	10.34 ng	779876	1,4-Dichlorobenzene-d4	6.81

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 3-methyl-	114	C8H18	000589-81-1	83	
2	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	64	
3	Pentane, 2,4-dimethyl-	100	C7H16	000108-08-7	64	
4	Hexane, 3-ethyl-	114	C8H18	000619-99-8	62	
5	Butane, 2,2,3-trimethyl-	100	C7H16	000464-06-2	59	



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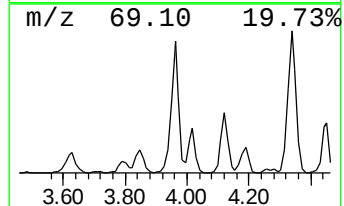
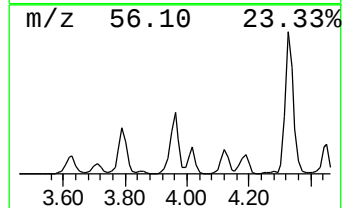
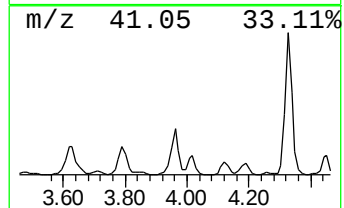
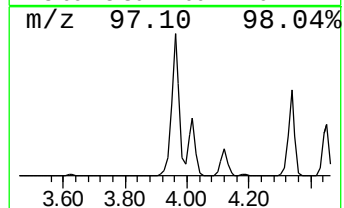
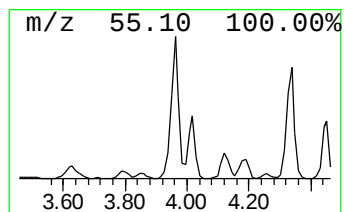
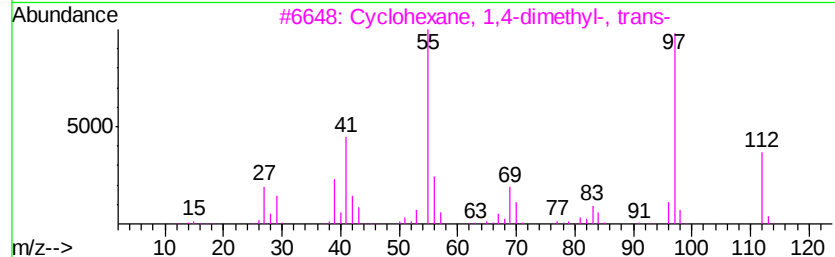
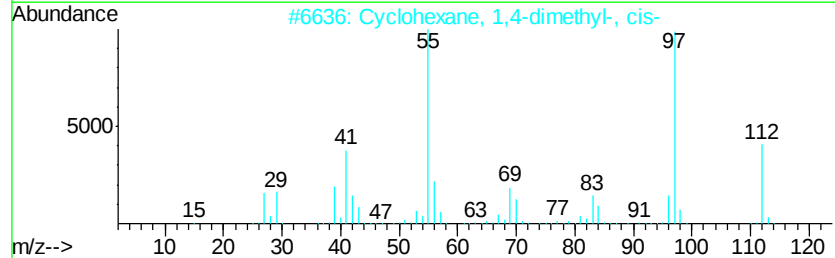
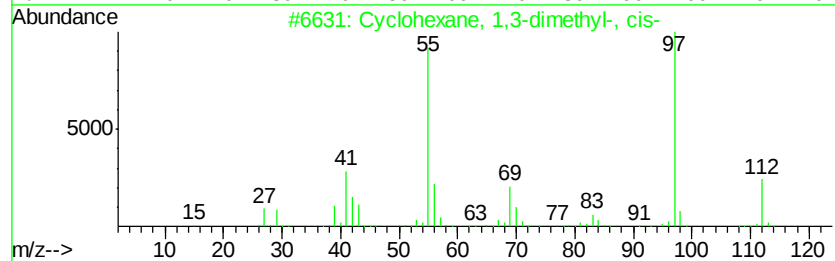
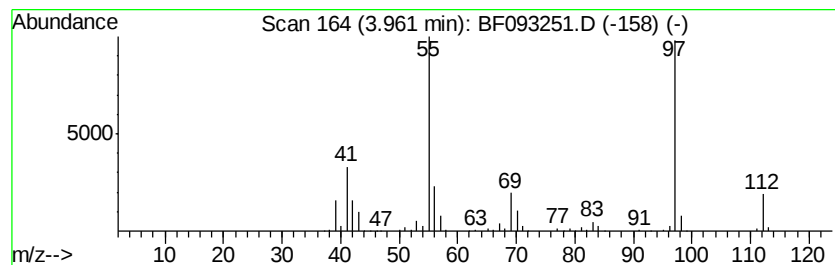
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Peak Number 3 Cyclohexane, 1,3-dimethyl-,... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.96	22.60 ng	1704810	1,4-Dichlorobenzene-d4	6.81

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, 1,3-dimethyl-, cis-	112	C8H16	000638-04-0	94
2		Cyclohexane, 1,4-dimethyl-, cis-	112	C8H16	000624-29-3	91
3		Cyclohexane, 1,4-dimethyl-, trans-	112	C8H16	002207-04-7	91
4		Cyclohexane, 1,4-dimethyl-	112	C8H16	000589-90-2	91
5		2-Pentene, 2,4,4-trimethyl-	112	C8H16	000107-40-4	64



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Acq On : 28 Feb 2017 16:27
Operator : SJ/MA
Sample : I2017-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

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ClientSampleId :
TK3-3-20170227

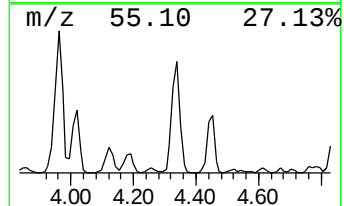
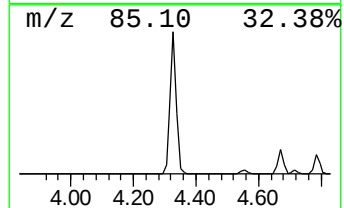
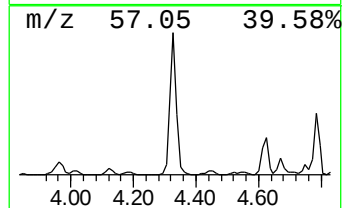
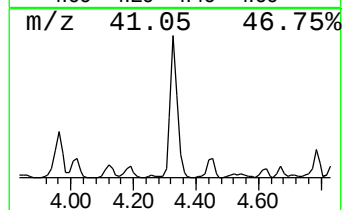
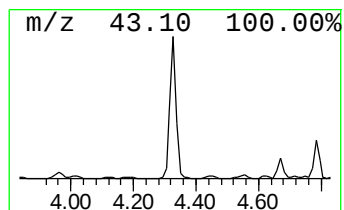
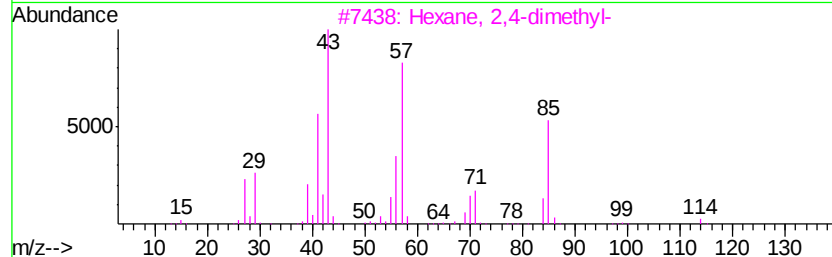
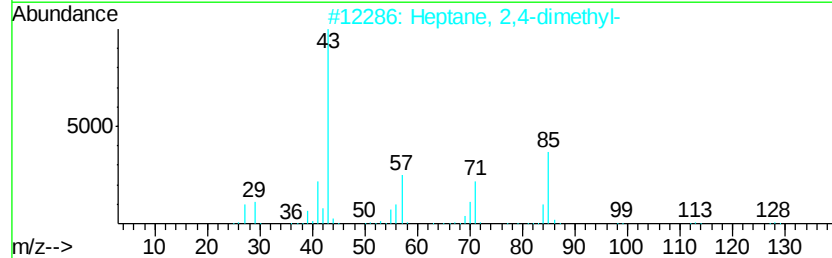
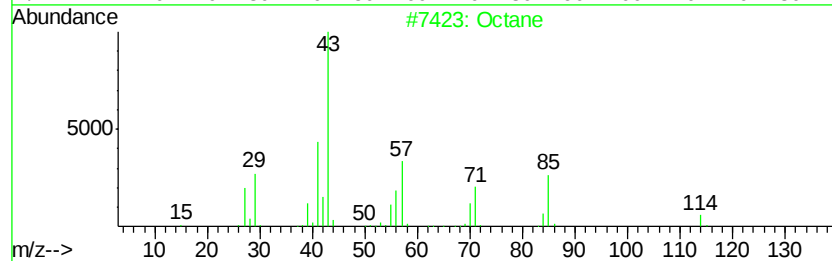
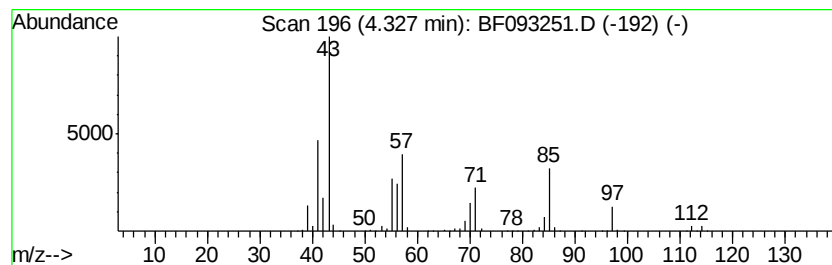
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Octane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.33	44.73 ng	3373720	1,4-Dichlorobenzene-d4	6.81

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octane	114	C8H18	000111-65-9	78
2		Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	59
3		Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	59
4		Undecane, 2,4-dimethyl-	184	C13H28	017312-80-0	53
5		Hydroxylamine, O-decyl-	173	C10H23NO	029812-79-1	50



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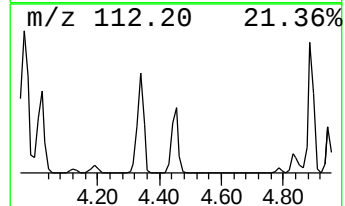
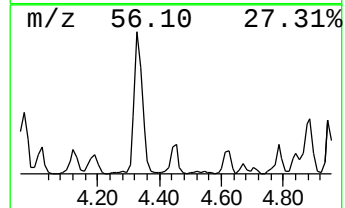
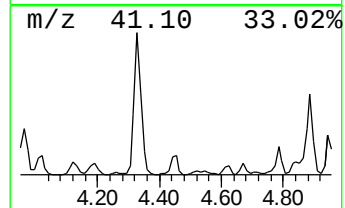
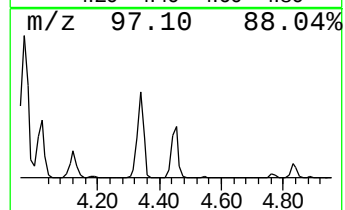
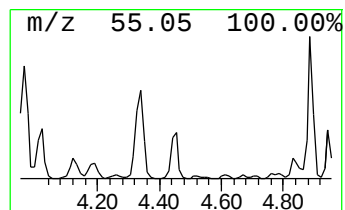
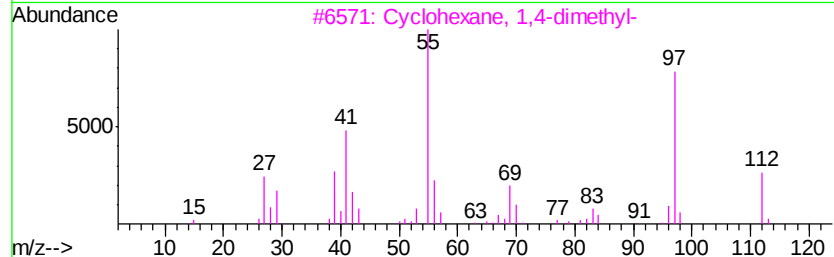
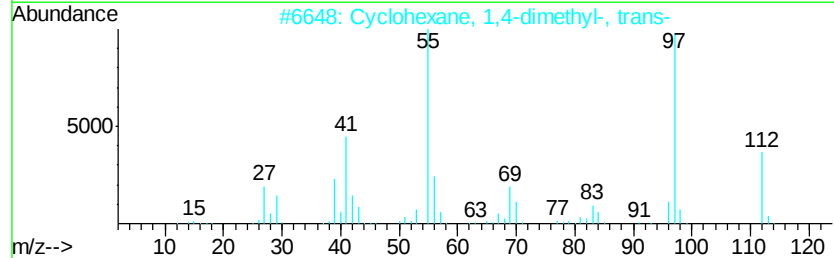
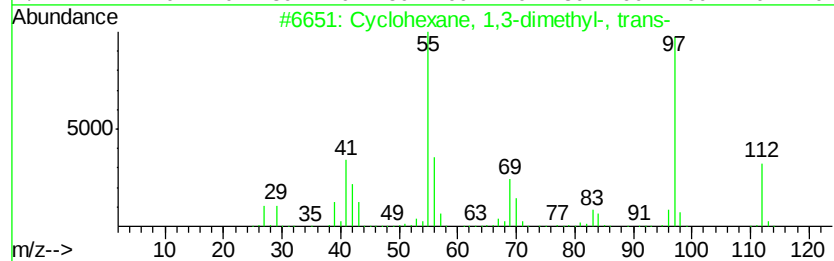
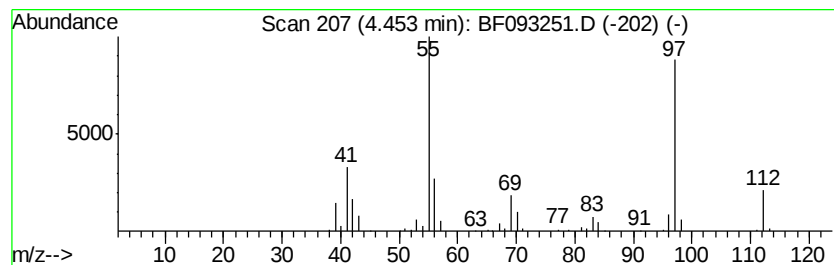
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Cyclohexane, 1,3-dimethyl-,... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.45	8.33 ng	628145	1,4-Dichlorobenzene-d4	6.81

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	95
2		Cyclohexane, 1,4-dimethyl-, trans-	112	C8H16	002207-04-7	95
3		Cyclohexane, 1,4-dimethyl-	112	C8H16	000589-90-2	95
4		Cyclohexane, 1,4-dimethyl-, cis-	112	C8H16	000624-29-3	91
5		Cyclohexane, 1,3-dimethyl-, cis-	112	C8H16	000638-04-0	87



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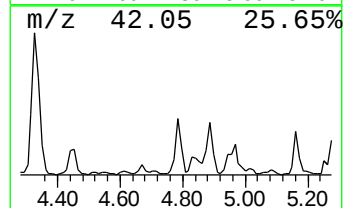
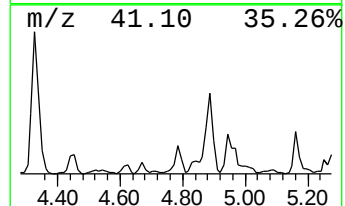
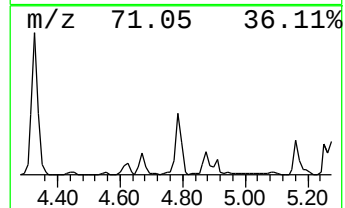
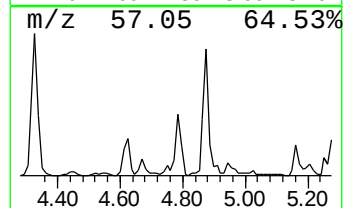
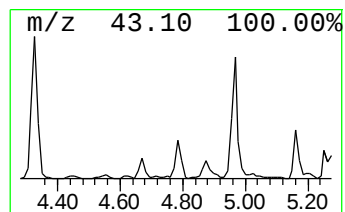
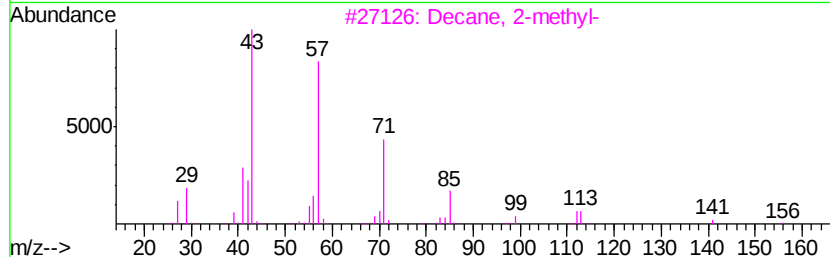
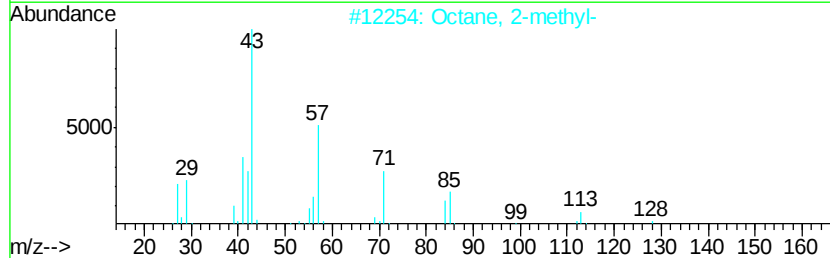
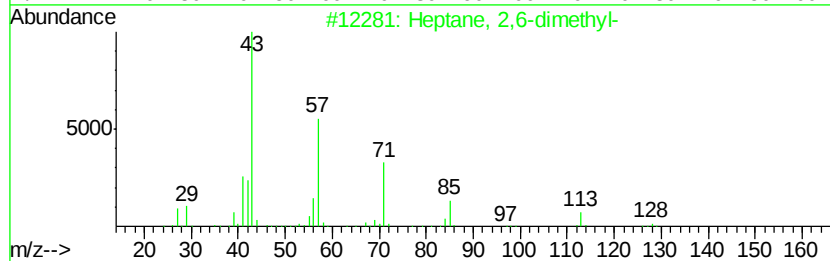
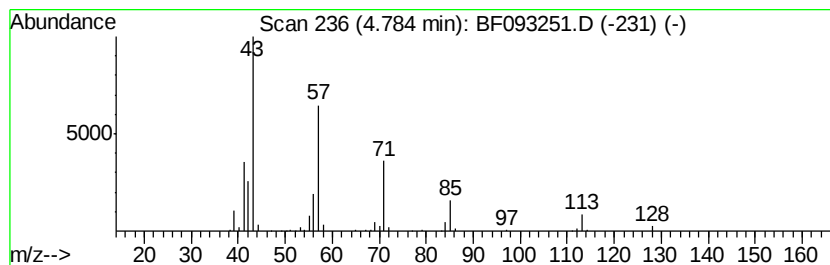
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Heptane, 2,6-dimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.78	9.16 ng	690924	1,4-Dichlorobenzene-d4	6.81

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptane, 2,6-dimethyl-	128	C9H20	001072-05-5	91
2		Octane, 2-methyl-	128	C9H20	003221-61-2	90
3		Decane, 2-methyl-	156	C11H24	006975-98-0	72
4		Tridecane	184	C13H28	000629-50-5	53
5		Decane, 2,6,7-trimethyl-	184	C13H28	062108-25-2	53



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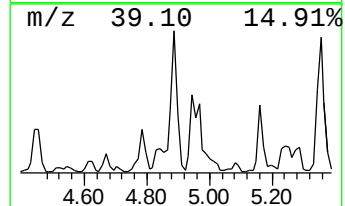
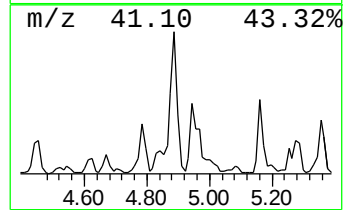
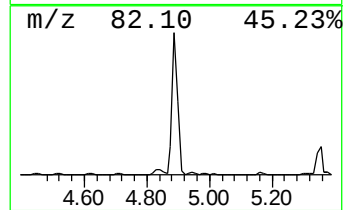
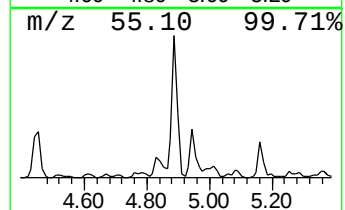
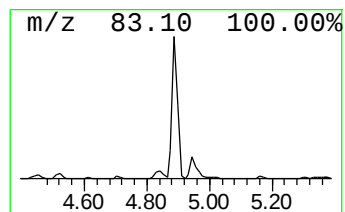
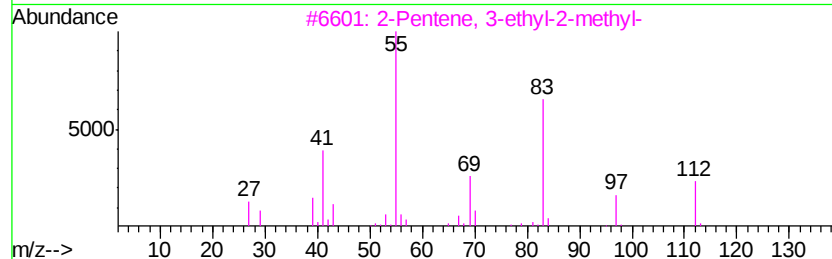
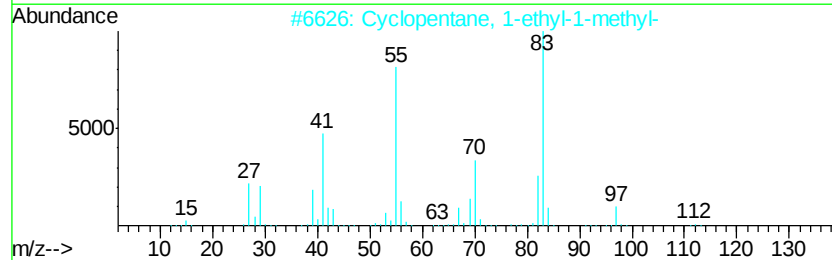
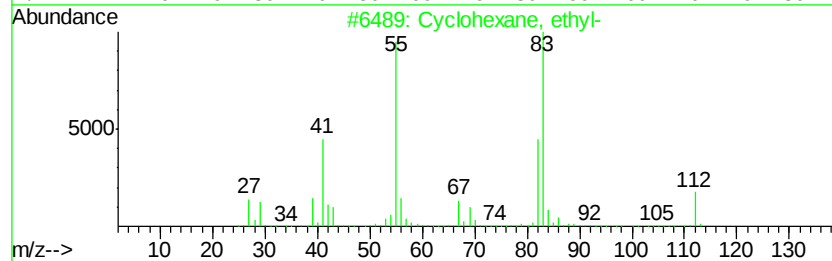
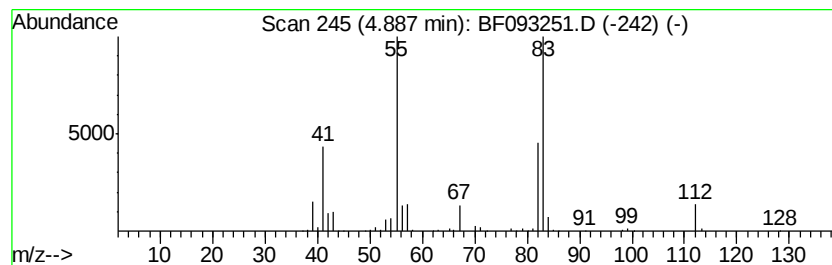
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Cyclohexane, ethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.89	26.69 ng	2013070	1,4-Dichlorobenzene-d4	6.81

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, ethyl-	112	C8H16	001678-91-7	91
2		Cyclopentane, 1-ethyl-1-methyl-	112	C8H16	016747-50-5	59
3		2-Pentene, 3-ethyl-2-methyl-	112	C8H16	019780-67-7	58
4		2-Hexene, 2,4-dimethyl-	112	C8H16	014255-23-3	53
5		1-Butene, 2,3,3-trimethyl-	98	C7H14	000594-56-9	50



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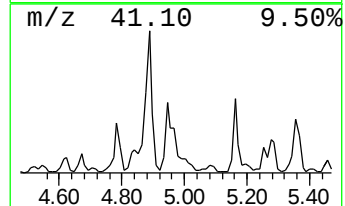
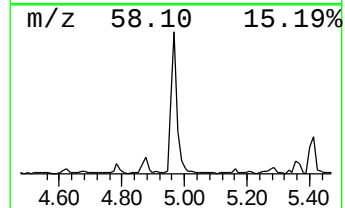
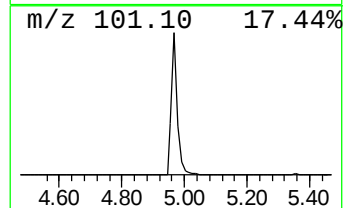
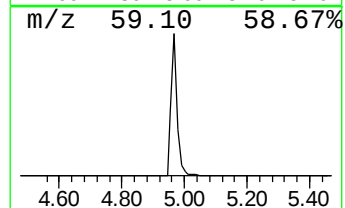
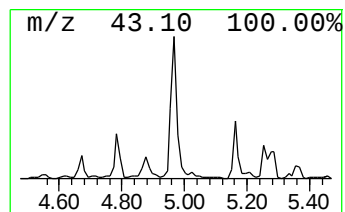
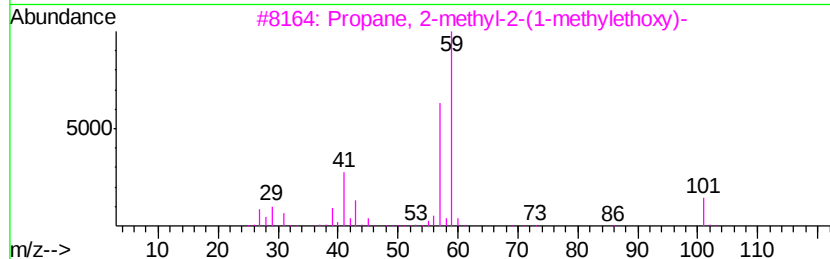
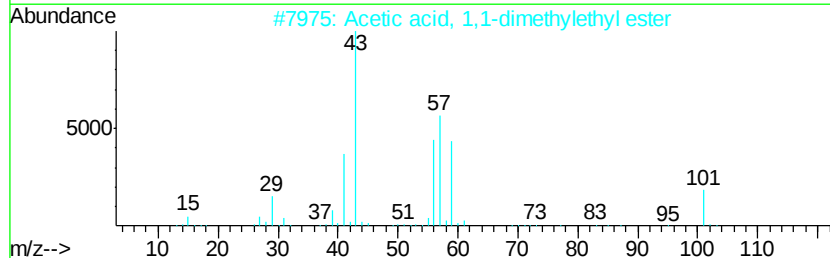
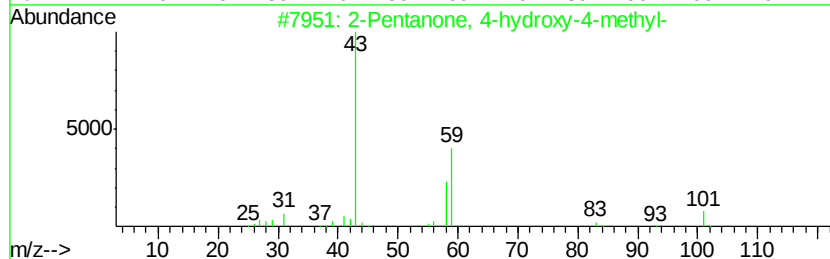
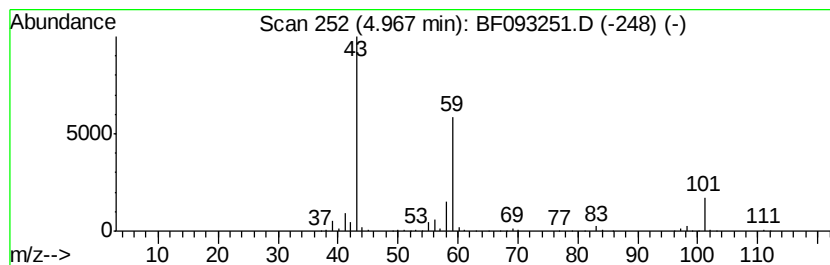
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.97	33.49 ng	2526370	1,4-Dichlorobenzene-d4	6.81

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2		Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
3		Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	33
4		2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	25
5		Butanamide, 2-hydroxy-2,N-dimethyl-	117	C5H11NO2	039961-72-3	23



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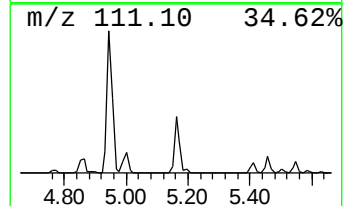
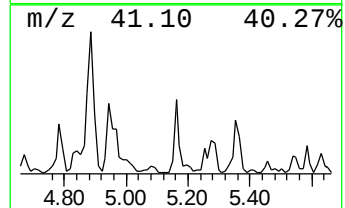
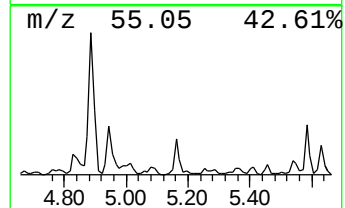
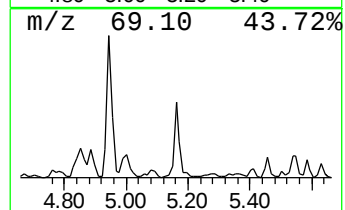
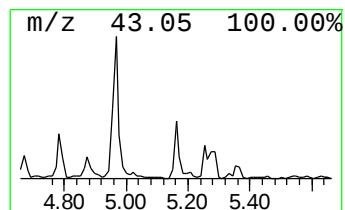
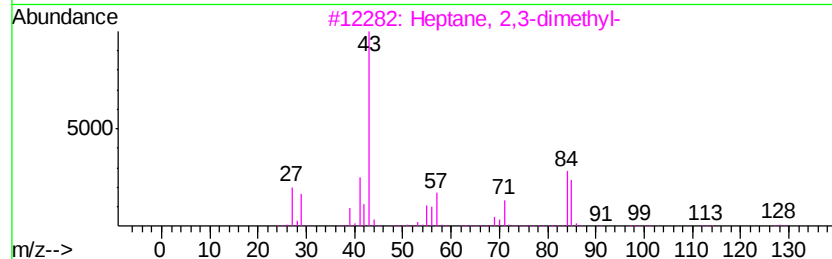
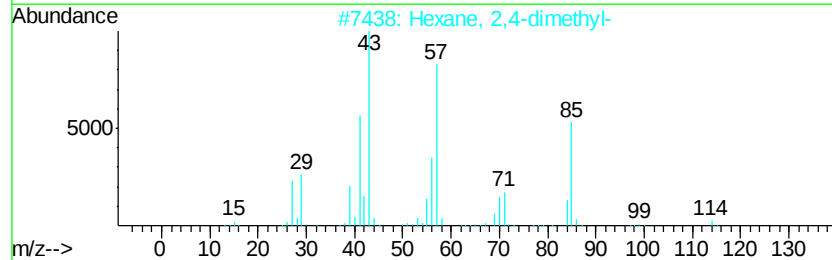
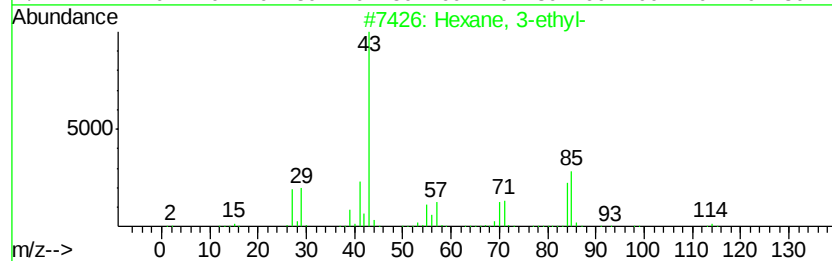
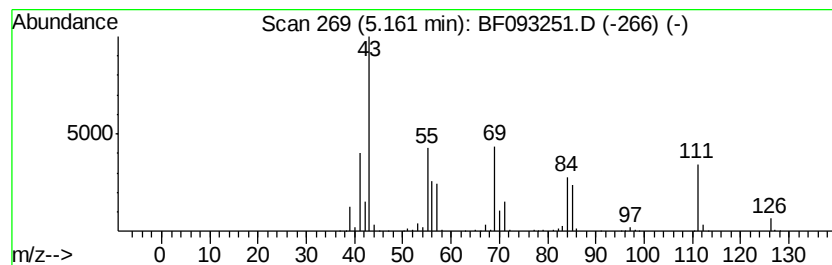
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 unknown5.16 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.16	12.17 ng	918104	1,4-Dichlorobenzene-d4	6.81

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexane, 3-ethyl-	114	C8H18	000619-99-8	47
2		Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	47
3		Heptane, 2,3-dimethyl-	128	C9H20	003074-71-3	47
4		Octane	114	C8H18	000111-65-9	43
5		Decane, 5,6-dimethyl-	170	C12H26	001636-43-7	40



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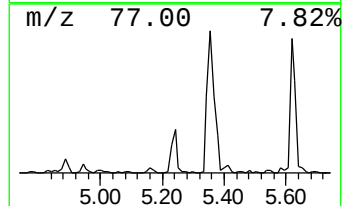
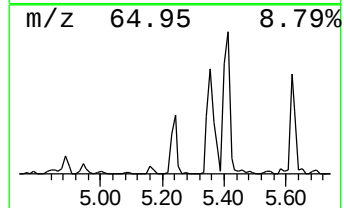
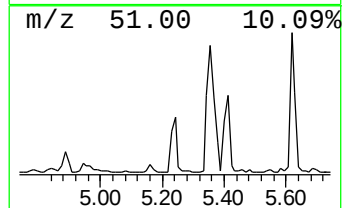
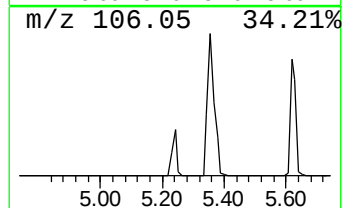
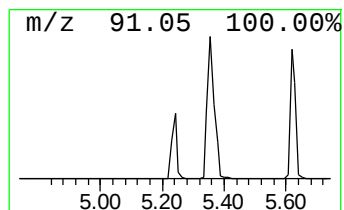
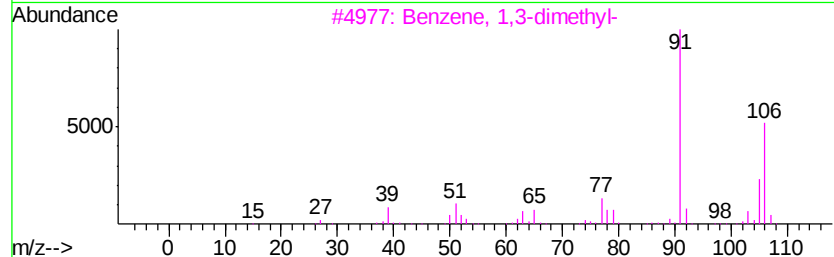
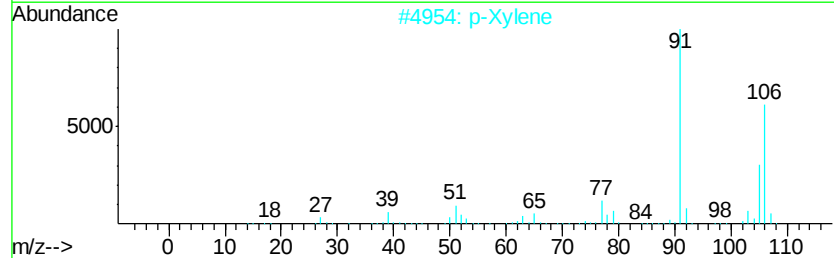
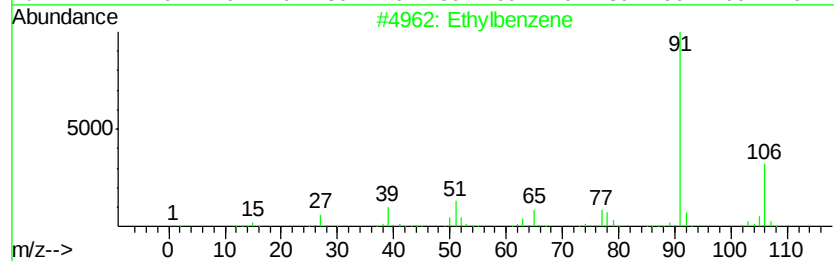
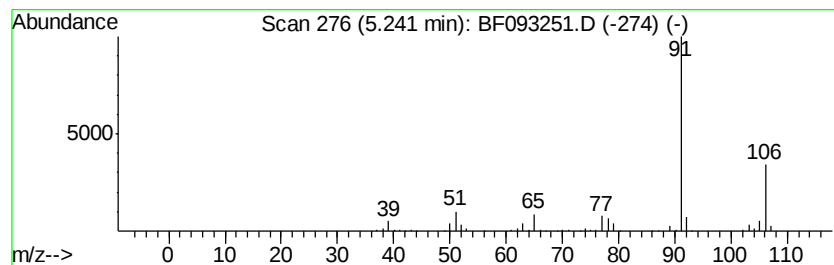
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 Ethylbenzene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.	
5.24	9.95 ng	750717	1,4-Dichlorobenzene-d4	6.81	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethylbenzene	106	C8H10	000100-41-4	94
2	p-Xylene	106	C8H10	000106-42-3	72
3	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	64
4	o-Xylene	106	C8H10	000095-47-6	58
5	1,3-Cyclopentadiene, 5-(1-methyl...	106	C8H10	002175-91-9	53



Data Path : Z:\HPCHEM1\BNA_F\Data\BF022817\
Data File : BF093251.D
Acq On : 28 Feb 2017 16:27
Operator : SJ/MA
Sample : I2017-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

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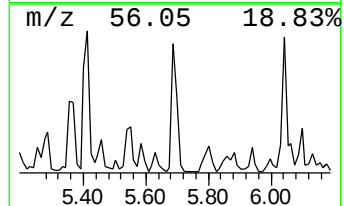
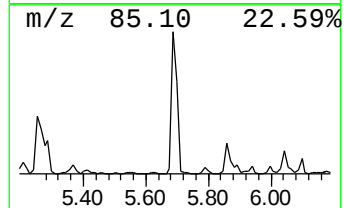
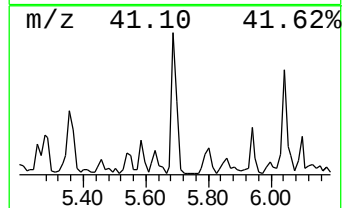
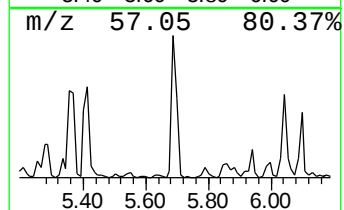
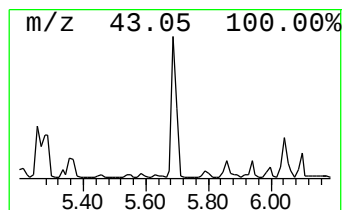
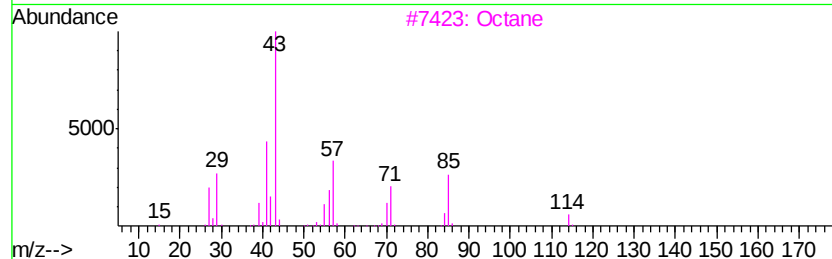
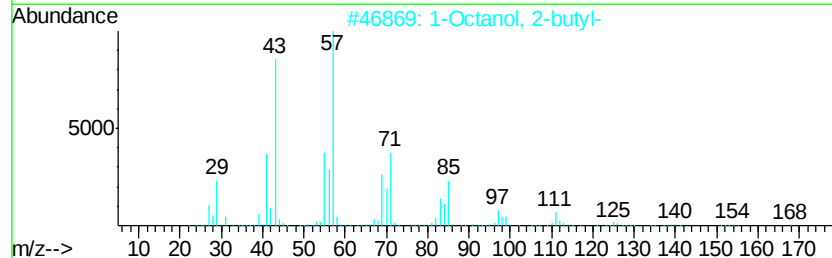
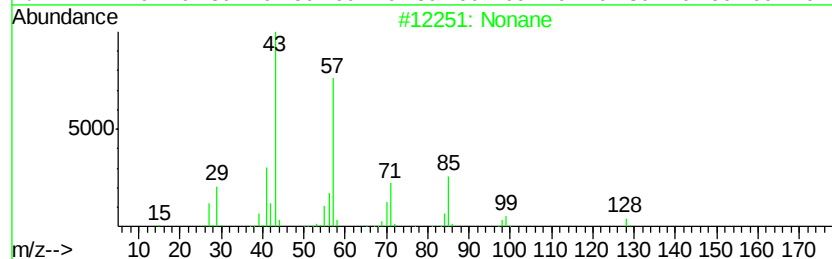
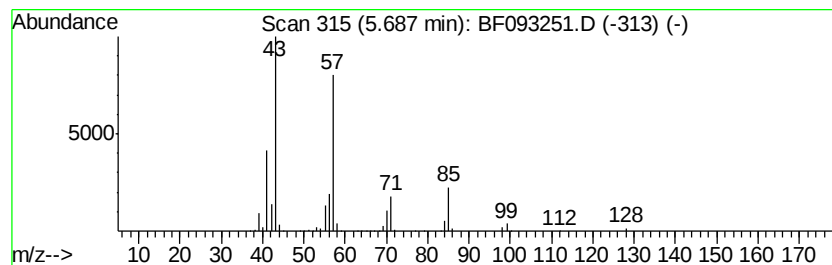
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Nonane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.69	14.74 ng	1111910	1,4-Dichlorobenzene-d4	6.81

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonane	128	C9H20	000111-84-2	83
2		1-Octanol, 2-butyl-	186	C12H26O	003913-02-8	64
3		Octane	114	C8H18	000111-65-9	64
4		Heptane, 2,3-dimethyl-	128	C9H20	003074-71-3	64
5		Butanoic acid, 3-oxo-, 1,1-dimet...	158	C8H14O3	001694-31-1	59



Data Path : Z:\HPCHEM1\BNA_F\Data\BF022817\
Data File : BF093251.D
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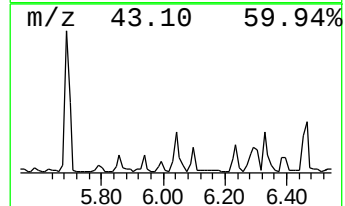
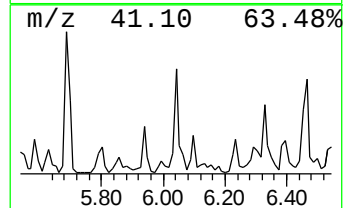
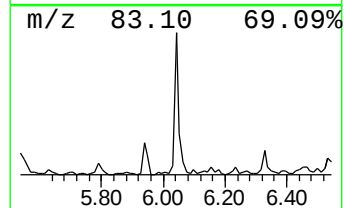
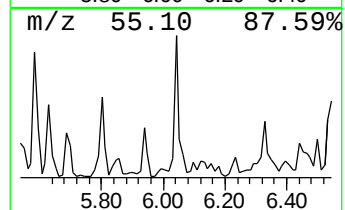
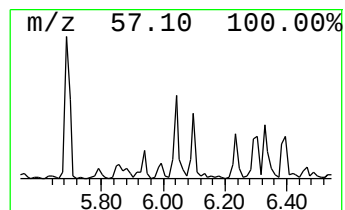
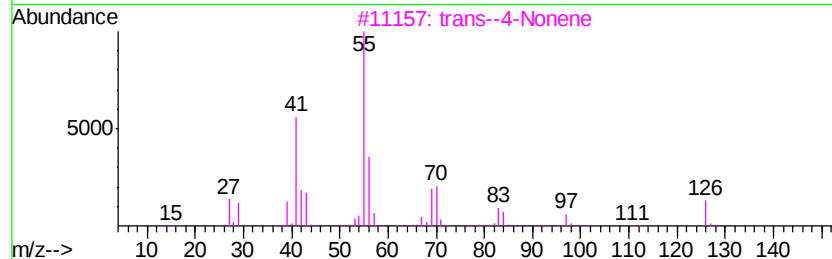
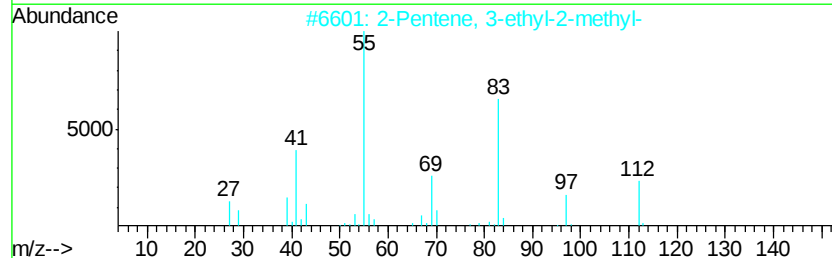
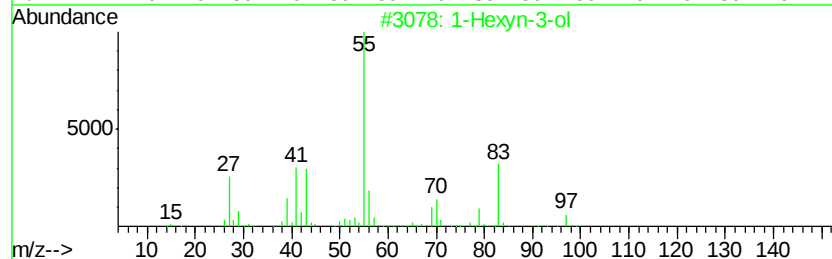
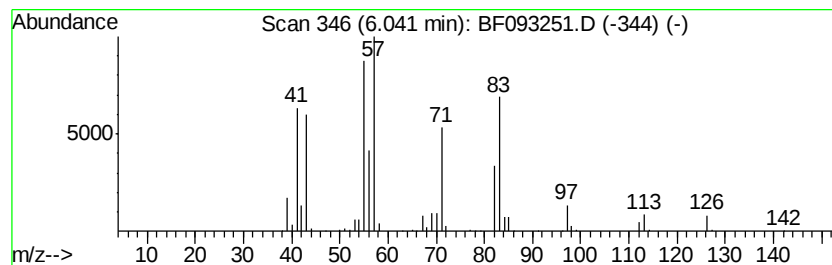
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 14 unknown6.04 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.04	13.54 ng	1021330	1,4-Dichlorobenzene-d4	6.81

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Hexyn-3-ol	98	C6H10O	000105-31-7	38
2		2-Pentene, 3-ethyl-2-methyl-	112	C8H16	019780-67-7	30
3		trans--4-Nonene	126	C9H18	010405-85-3	30
4		Cyclohexane, propyl-	126	C9H18	001678-92-8	30
5		Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	27



Data Path : Z:\HPCHEM1\BNA_F\Data\BF022817\
Data File : BF093251.D
Acq On : 28 Feb 2017 16:27
Operator : SJ/MA
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Misc :
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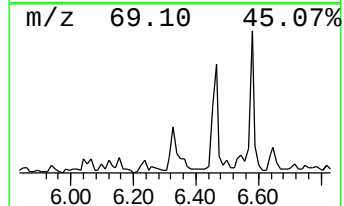
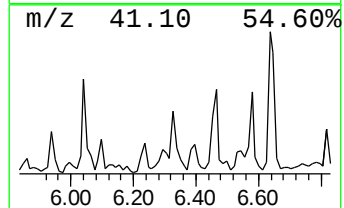
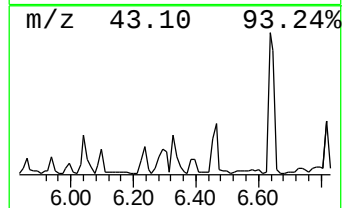
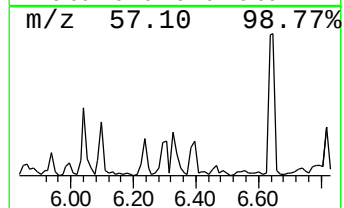
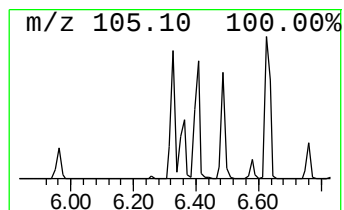
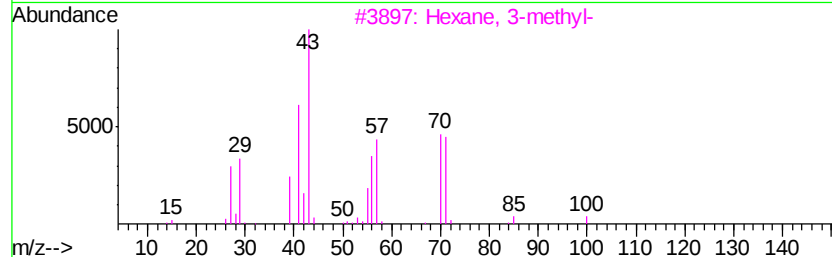
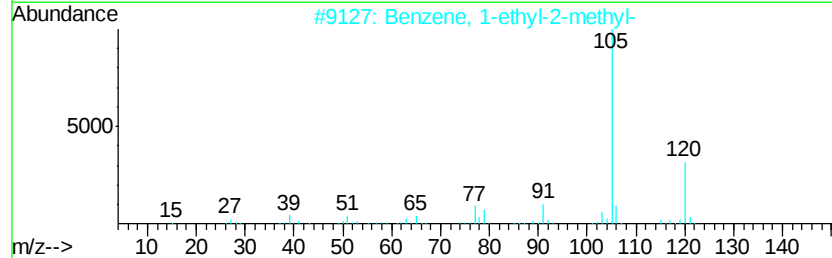
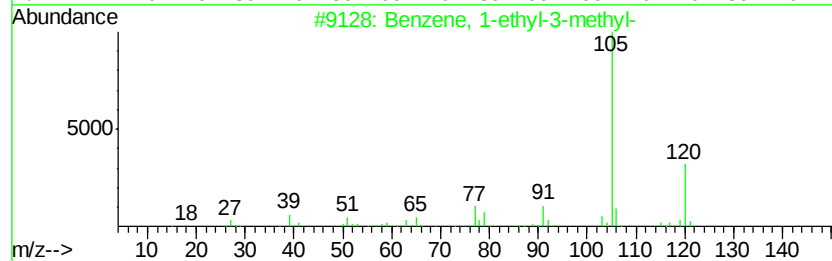
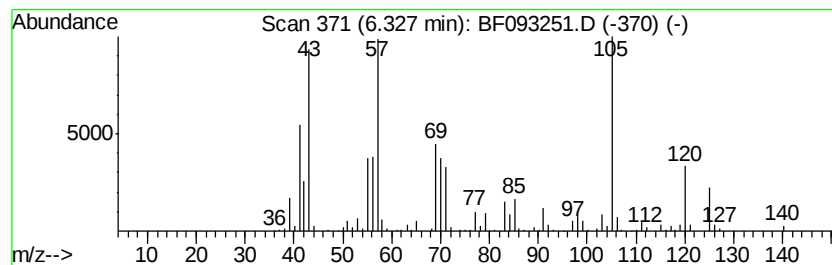
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Benzene, 1-ethyl-3-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.33	12.29 ng	927290	1,4-Dichlorobenzene-d4	6.81

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	56
2		Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	56
3		Hexane, 3-methyl-	100	C7H16	000589-34-4	35
4		Pentane, 2,4-dimethyl-	100	C7H16	000108-08-7	30
5		1-Octene	112	C8H16	000111-66-0	27



Data Path : Z:\HPCHEM1\BNA_F\Data\BF022817\
Data File : BF093251.D
Acq On : 28 Feb 2017 16:27
Operator : SJ/MA
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Misc :
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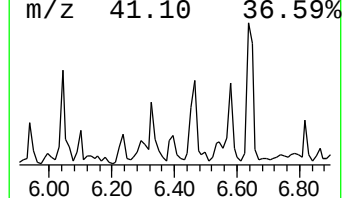
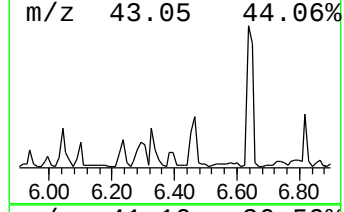
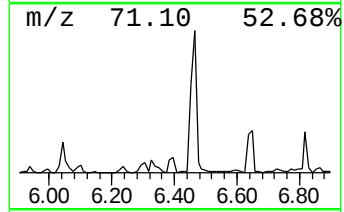
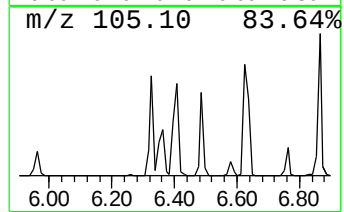
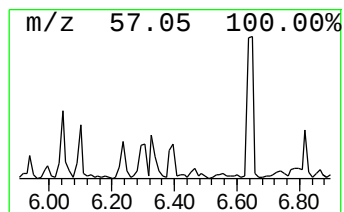
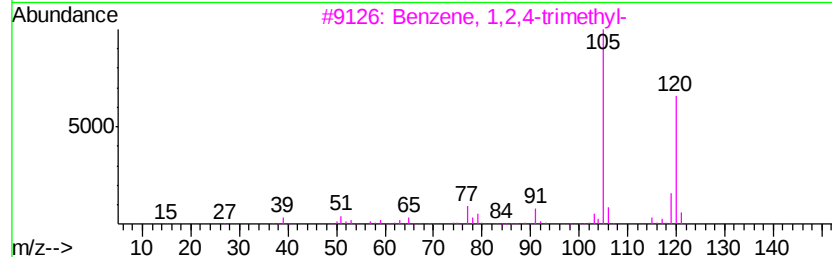
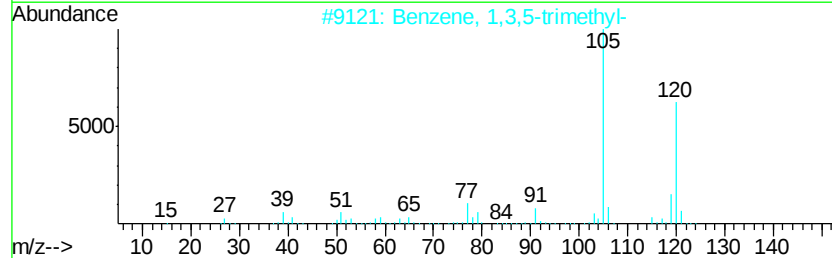
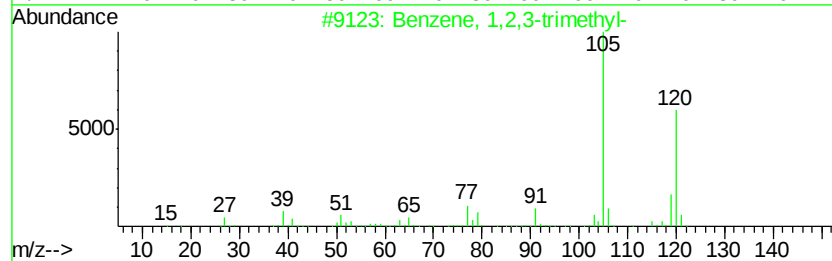
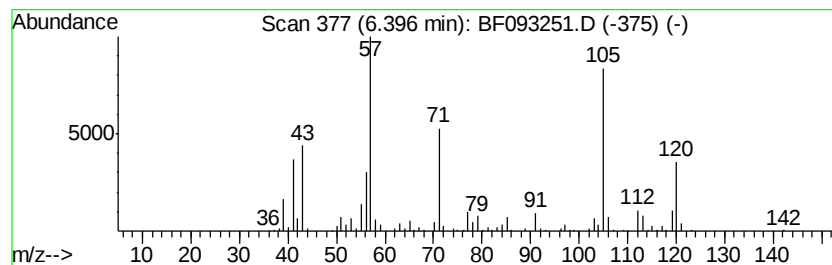
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 16 Benzene, 1,2,3-trimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.40	9.61 ng	725183	1,4-Dichlorobenzene-d4	6.81

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	78
2			Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	70
3			Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	70
4			Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	60
5			Nonane, 3-methyl-	142	C10H22	005911-04-6	60



Data Path : Z:\HPCHEM1\BNA_F\Data\BF022817\
Data File : BF093251.D
Acq On : 28 Feb 2017 16:27
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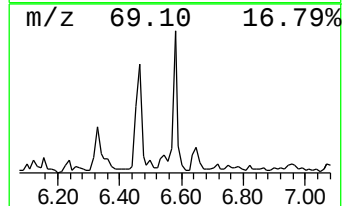
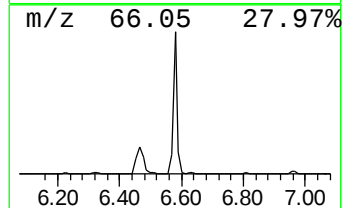
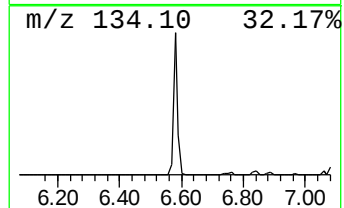
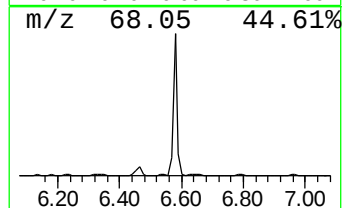
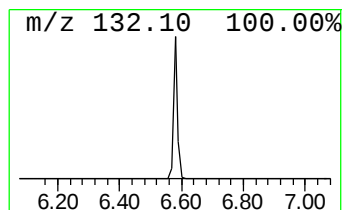
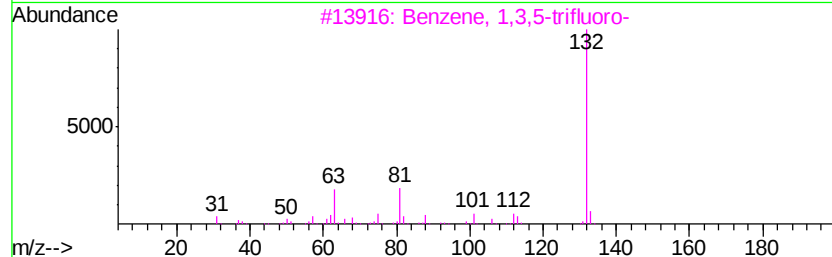
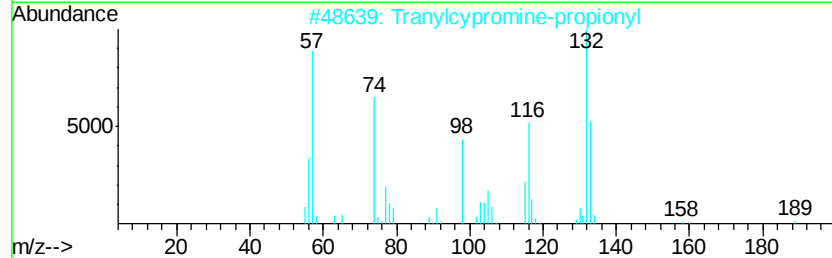
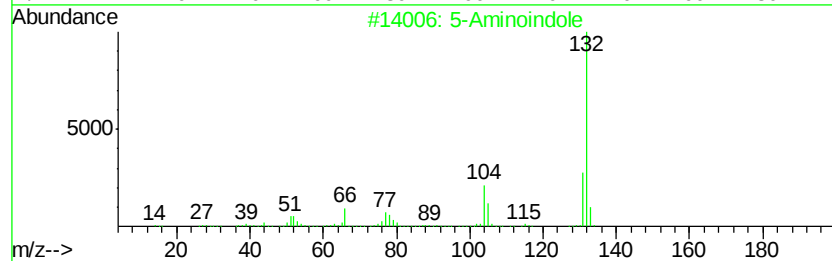
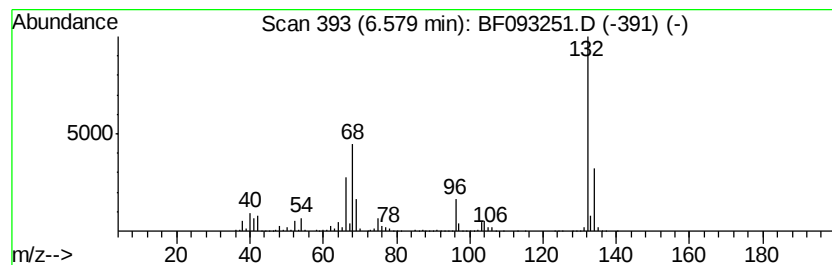
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 unknown6.58 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.58	42.67 ng	3218900	1,4-Dichlorobenzene-d4	6.81

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			5-Aminoindole	132	C8H8N2	005192-03-0	12
2			Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
3			Benzene, 1,3,5-trifluoro-	132	C6H3F3	000372-38-3	9
4			(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9
5			Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9



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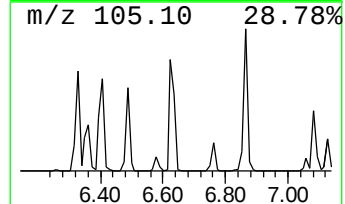
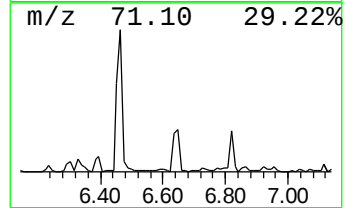
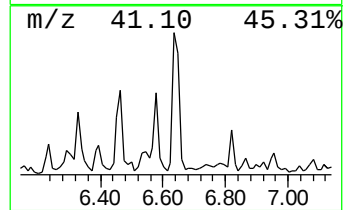
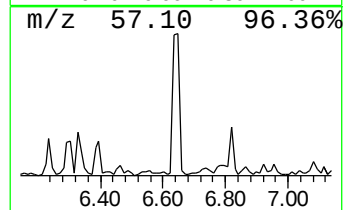
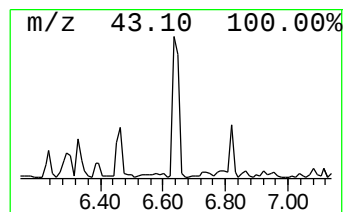
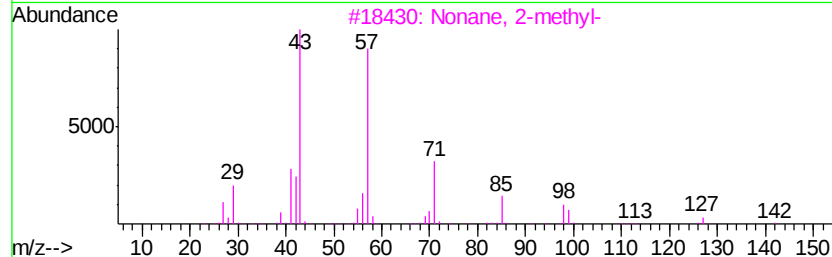
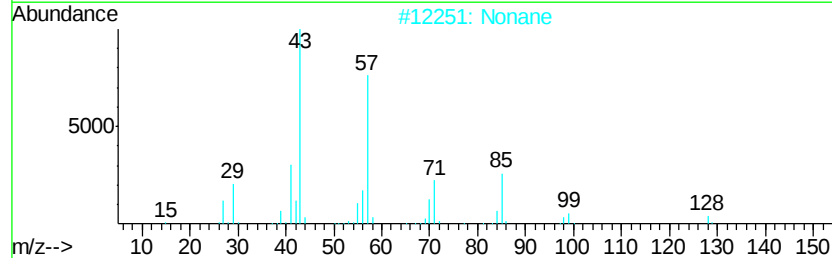
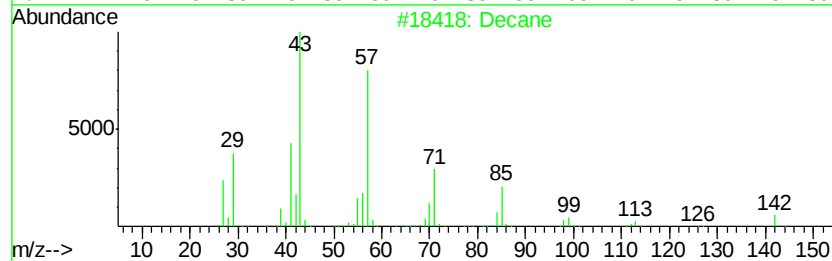
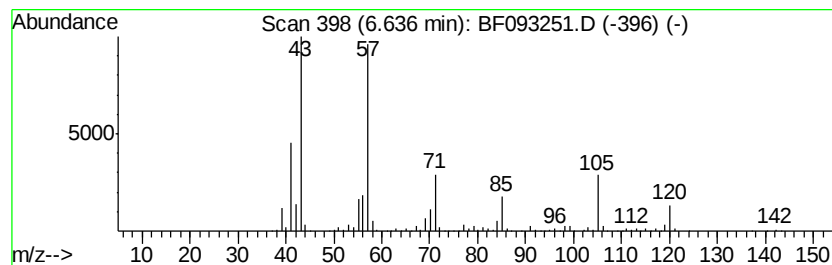
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 18 Decane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.64	28.56 ng	2154360	1,4-Dichlorobenzene-d4	6.81

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane	142	C10H22	000124-18-5	59
2		Nonane	128	C9H20	000111-84-2	59
3		Nonane, 2-methyl-	142	C10H22	000871-83-0	58
4		Hexatriacontane	507	C36H74	000630-06-8	53
5		Eicosane	282	C20H42	000112-95-8	53



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ClientSampleId :
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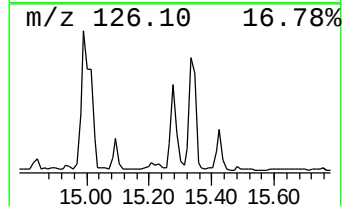
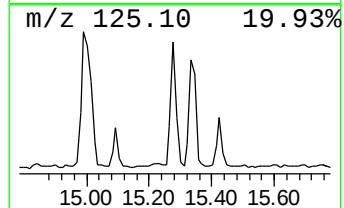
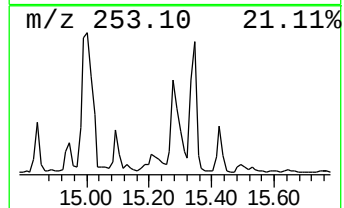
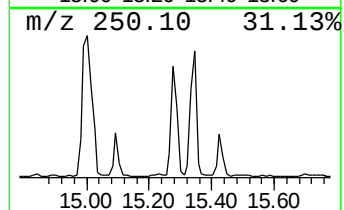
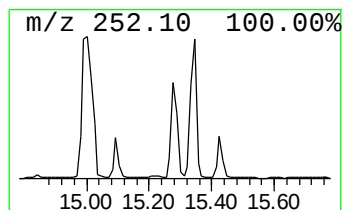
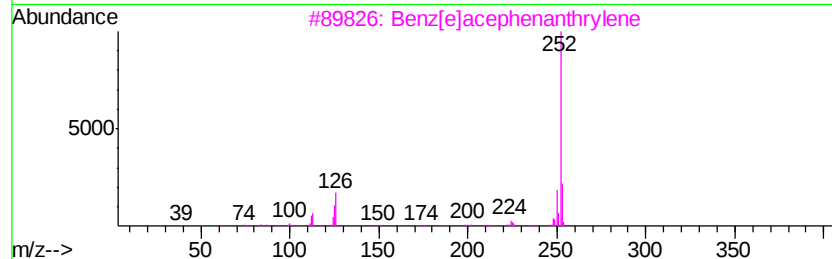
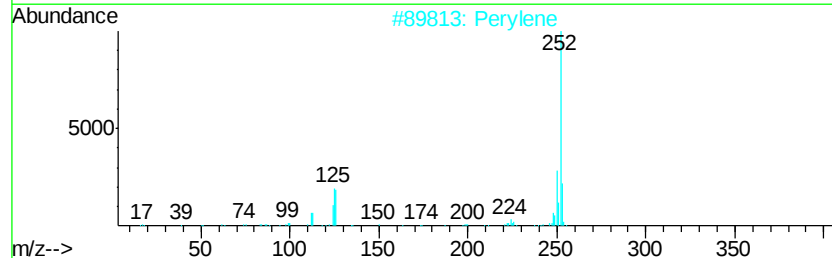
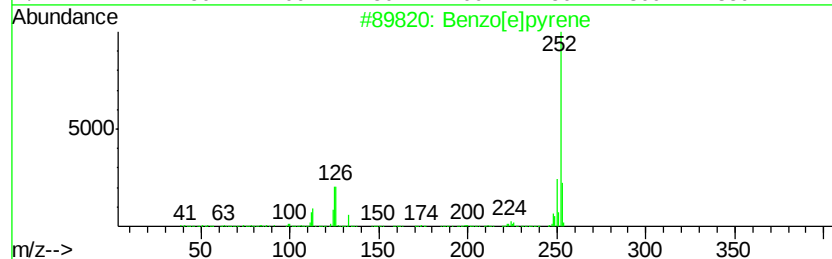
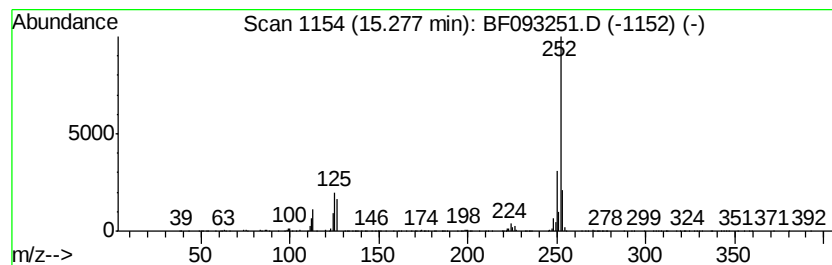
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Benzo[e]pyrene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.28	24.30 ng	1001210	Perylene-d12	15.40

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[e]pyrene	252	C20H12	000192-97-2	99
2		Perylene	252	C20H12	000198-55-0	99
3		Benz[e]acephenanthrylene	252	C20H12	000205-99-2	96
4		Benzo[a]pyrene	252	C20H12	000050-32-8	96
5		Benzo[k]fluoranthene	252	C20H12	000207-08-9	90



Data Path : Z:\HPCHEM1\BNA_F\Data\BF022817\
 Data File : BF093251.D
 Acq On : 28 Feb 2017 16:27
 Operator : SJ/MA
 Sample : I2017-04
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TK3-3-20170227

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.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
Heptane, 2-methyl-	3.63	15.5	ng	1169500	1	6.81	1508590	20.0
Heptane, 3-methyl-	3.79	10.3	ng	779876	1	6.81	1508590	20.0
Cyclohexane, 1,3-...	3.96	22.6	ng	1704810	1	6.81	1508590	20.0
Octane	4.33	44.7	ng	3373720	1	6.81	1508590	20.0
Cyclohexane, 1,3-...	4.45	8.3	ng	628145	1	6.81	1508590	20.0
Heptane, 2,6-dime...	4.78	9.2	ng	690924	1	6.81	1508590	20.0
Cyclohexane, ethyl-	4.89	26.7	ng	2013070	1	6.81	1508590	20.0
2-Pentanone, 4-hy...	4.97	33.5	ng	2526370	1	6.81	1508590	20.0
unknown5.16	5.16	12.2	ng	918104	1	6.81	1508590	20.0
Ethylbenzene	5.24	9.9	ng	750717	1	6.81	1508590	20.0
Nonane	5.69	14.7	ng	1111910	1	6.81	1508590	20.0
unknown6.04	6.04	13.5	ng	1021330	1	6.81	1508590	20.0
Benzene, 1-ethyl-...	6.33	12.3	ng	927290	1	6.81	1508590	20.0
Benzene, 1,2,3-tr...	6.40	9.6	ng	725183	1	6.81	1508590	20.0
unknown6.58	6.58	42.7	ng	3218900	1	6.81	1508590	20.0
Decane	6.64	28.6	ng	2154360	1	6.81	1508590	20.0
Benzo[e]pyrene	15.28	24.3	ng	1001210	6	15.40	824168	20.0