

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011317\
 Data File : BF092248.D
 Acq On : 13 Jan 2017 14:43
 Operator : UM/SJ
 Sample : I1146-02
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P-17-11117

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-BF122116.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	4.713	253	256	265	rVB	1247532	2273541	18.17%	0.901%
2	5.181	295	297	303	rBV	3561776	4738997	37.86%	1.878%
3	5.570	326	331	333	rBV2	321388	497949	3.98%	0.197%
4	5.707	341	343	346	rVB2	299950	485395	3.88%	0.192%
5	5.776	346	349	351	rBV2	260331	492806	3.94%	0.195%
6	5.821	351	353	356	rVB3	864416	1272343	10.17%	0.504%
7	5.879	356	358	359	rBV	677875	746885	5.97%	0.296%
8	6.016	367	370	375	rBV4	533476	1269779	10.15%	0.503%
9	6.096	375	377	383	rVB3	1079103	2055084	16.42%	0.814%
10	6.187	383	385	387	rBV2	292763	577996	4.62%	0.229%
11	6.221	387	388	389	rBV	279304	364140	2.91%	0.144%
12	6.256	389	391	395	rVB	4334457	5774603	46.14%	2.288%
13	6.324	395	397	398	rBV	1050663	1477773	11.81%	0.586%
14	6.359	398	400	403	rVB	4287088	5432384	43.40%	2.153%
15	6.439	405	407	409	rBV2	846896	1397154	11.16%	0.554%
16	6.530	411	415	416	rBV3	968458	1810903	14.47%	0.718%
17	6.587	418	420	424	rVB2	1694515	2973033	23.75%	1.178%
18	6.656	424	426	430	rBV4	1027524	3266640	26.10%	1.294%
19	6.747	430	434	438	rVB4	4807041	9192818	73.45%	3.643%
20	6.862	438	444	447	rBV5	1530098	4750021	37.95%	1.882%
21	6.987	450	455	456	rBV3	2933258	4942405	39.49%	1.959%
22	7.022	456	458	459	rBV	1038311	1025156	8.19%	0.406%
23	7.147	464	469	475	rBV4	2460134	10186784	81.39%	4.037%
24	7.250	475	478	481	rVB2	2100222	4396748	35.13%	1.742%
25	7.319	481	484	486	rBV2	1129361	3045156	24.33%	1.207%
26	7.364	486	488	490	rBV3	899270	1599930	12.78%	0.634%
27	7.410	490	492	494	rVB	3982105	4731100	37.80%	1.875%
28	7.467	494	497	499	rBV2	1395692	2436960	19.47%	0.966%
29	7.524	499	502	507	rBV5	4065386	8571512	68.49%	3.397%
30	7.604	507	509	511	rBV3	644219	918343	7.34%	0.364%
31	7.662	511	514	517	rVB2	1482021	3176480	25.38%	1.259%
32	7.719	517	519	521	rBV3	1887379	3299620	26.36%	1.308%
33	7.787	521	525	527	rBV5	1603710	4232360	33.82%	1.677%
34	7.856	529	531	532	rVV2	1388791	2573076	20.56%	1.020%

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35	7.879	532	533	536	rVV3	3065943	4952550	39.57%	1.963%
36	7.936	536	538	540	rVV3	1492438	2893118	23.12%	1.146%
37	7.982	540	542	544	rVV2	1474989	2635682	21.06%	1.044%
38	8.062	547	549	550	rBV2	1636561	2421601	19.35%	0.960%
39	8.107	551	553	555	rVB2	1822917	2246096	17.95%	0.890%
40	8.187	557	560	562	rVB3	2823581	5188535	41.46%	2.056%
41	8.233	562	564	565	rBV2	1105255	1580360	12.63%	0.626%
42	8.347	570	574	578	rBV	7150879	12515694	100.00%	4.960%
43	8.439	580	582	584	rBV3	1404212	2296603	18.35%	0.910%
44	8.645	598	600	601	rBV2	1042912	1575935	12.59%	0.624%
45	8.702	604	605	609	rVV4	2262422	3352337	26.79%	1.328%
46	8.816	613	615	616	rVB	3024523	3139622	25.09%	1.244%
47	8.942	622	626	627	rBV	6969874	11247211	89.86%	4.457%
48	9.056	634	636	637	rBV2	1537711	1828058	14.61%	0.724%
49	9.113	639	641	645	rVV5	1468155	3863648	30.87%	1.531%
50	9.182	645	647	648	rVB2	1027183	1246436	9.96%	0.494%
51	9.307	657	658	659	rBV	1300557	1018028	8.13%	0.403%
52	9.387	663	665	670	rVB3	6337244	9945763	79.47%	3.941%
53	9.547	678	679	681	rVB	2010226	2684400	21.45%	1.064%
54	9.593	681	683	684	rVV2	824388	1227655	9.81%	0.486%
55	9.627	684	686	689	rVB2	2372994	3891068	31.09%	1.542%
56	9.799	699	701	703	rBV3	1124743	2332734	18.64%	0.924%
57	9.845	703	705	707	rVV	2818982	3894762	31.12%	1.543%
58	9.879	707	708	709	rVV	1113484	1046126	8.36%	0.415%
59	9.902	709	710	713	rVB2	2797513	3143135	25.11%	1.246%
60	9.959	713	715	718	rBV3	876297	1520238	12.15%	0.602%
61	10.176	732	734	738	rBV3	1111986	2094415	16.73%	0.830%
62	10.290	742	744	746	rVV	2222192	2934123	23.44%	1.163%
63	10.336	746	748	750	rVB3	520841	786854	6.29%	0.312%
64	10.416	753	755	757	rVB2	2257614	2438596	19.48%	0.966%
65	10.553	764	767	770	rVV2	995724	1800780	14.39%	0.714%
66	11.102	812	815	816	rBV	1290223	1641441	13.12%	0.650%
67	11.125	816	817	819	rVB	3337646	2461593	19.67%	0.975%
68	11.171	819	821	823	rVB	854633	955966	7.64%	0.379%
69	11.342	833	836	837	rBV	730245	981377	7.84%	0.389%
70	11.411	840	842	849	rVB5	240253	704491	5.63%	0.279%
71	11.605	857	859	860	rBV	328395	482368	3.85%	0.191%

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72	11.628	860	861	864	rVB	577386	501438	4.01%	0.199%
73	11.708	866	868	873	rVB	1097160	1426612	11.40%	0.565%
74	11.891	880	884	886	rBV3	281499	503048	4.02%	0.199%
75	12.153	904	907	908	rBV	384367	604410	4.83%	0.240%
76	12.188	908	910	913	rVB	347087	545297	4.36%	0.216%
77	12.245	913	915	916	rBV2	241436	348029	2.78%	0.138%
78	12.313	918	921	923	rBV	2696588	3126246	24.98%	1.239%
79	12.531	938	940	943	rBV	2350975	3788007	30.27%	1.501%
80	12.691	952	954	956	rVB	2515580	2917221	23.31%	1.156%
81	12.759	956	960	963	rBV2	353163	504749	4.03%	0.200%
82	12.862	966	969	971	rVB	819339	1367394	10.93%	0.542%
83	12.931	971	975	976	rBV	636992	733940	5.86%	0.291%
84	12.965	976	978	982	rVV	716638	878678	7.02%	0.348%
85	13.056	984	986	987	rVV	635426	598225	4.78%	0.237%
86	13.091	987	989	991	rVV	510742	548453	4.38%	0.217%
87	13.479	1020	1023	1026	rBV3	433327	961576	7.68%	0.381%
88	13.719	1042	1044	1046	rBV2	1620185	2948313	23.56%	1.168%
89	13.834	1051	1054	1055	rBV2	247797	315305	2.52%	0.125%
90	14.119	1077	1079	1081	rVV	700080	921971	7.37%	0.365%
91	14.245	1083	1090	1093	rVB4	425860	1401622	11.20%	0.555%
92	14.451	1104	1108	1111	rBV4	193142	488517	3.90%	0.194%
93	14.737	1130	1133	1139	rBV	1361632	2992657	23.91%	1.186%
94	14.988	1153	1155	1157	rVB	1017874	1107964	8.85%	0.439%
95	15.045	1157	1160	1162	rVB	1330561	1572129	12.56%	0.623%
96	15.091	1162	1164	1170	rVB3	583139	1507539	12.05%	0.597%
97	16.028	1244	1246	1253	rVB5	146914	436585	3.49%	0.173%
98	16.337	1270	1273	1276	rVB	576249	994720	7.95%	0.394%
99	16.714	1302	1306	1313	rVB	405082	924218	7.38%	0.366%
100	18.588	1465	1470	1477	rVB2	131946	433050	3.46%	0.172%

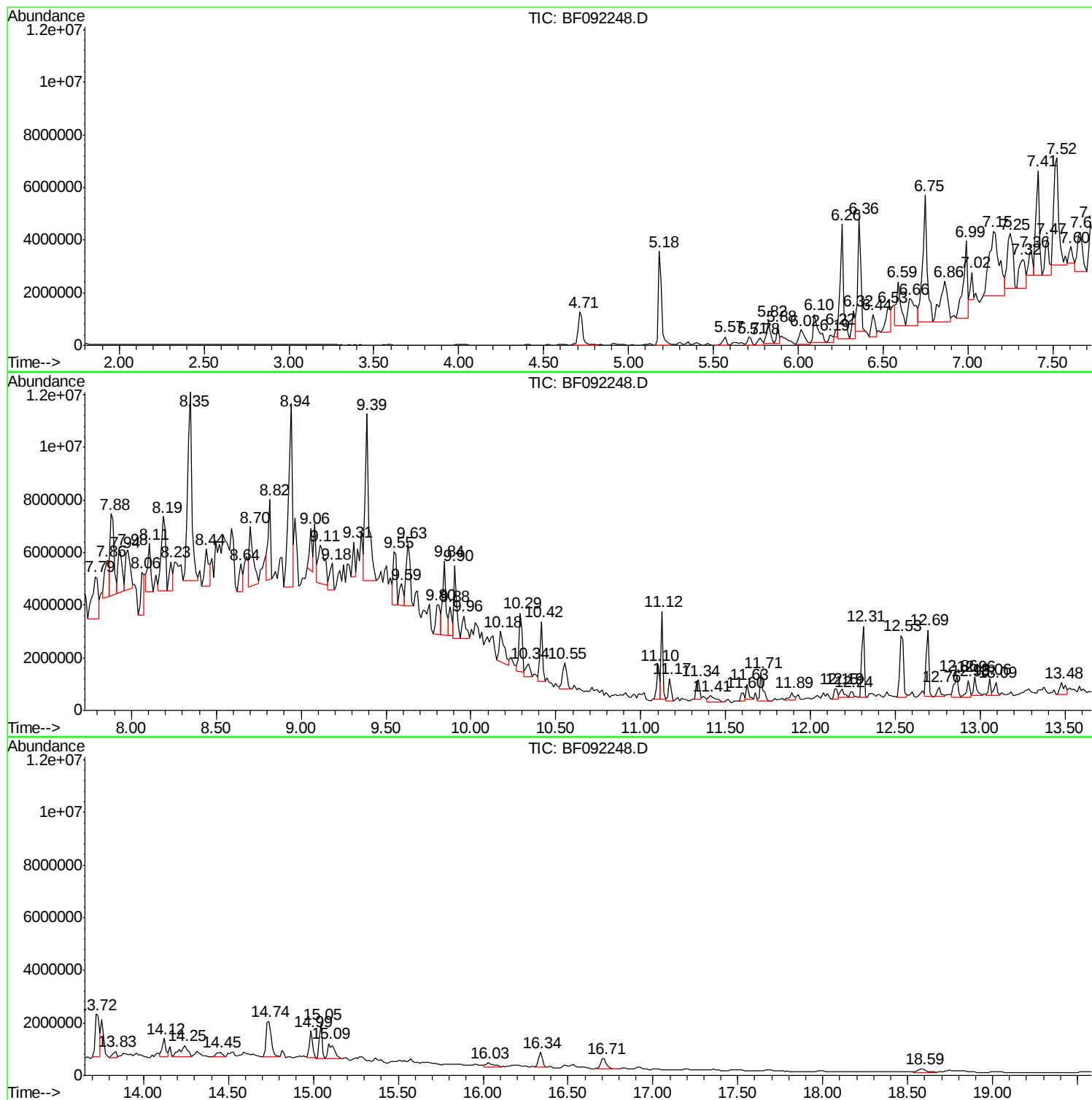
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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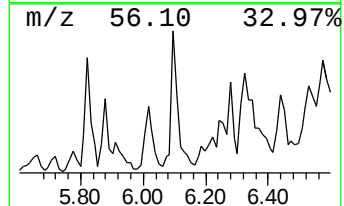
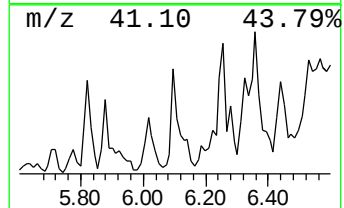
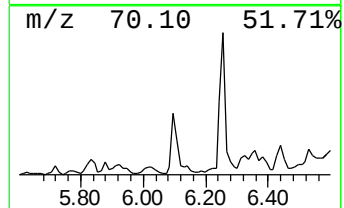
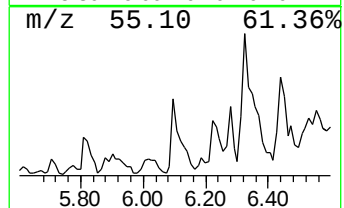
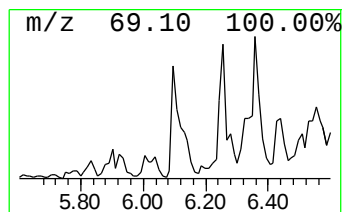
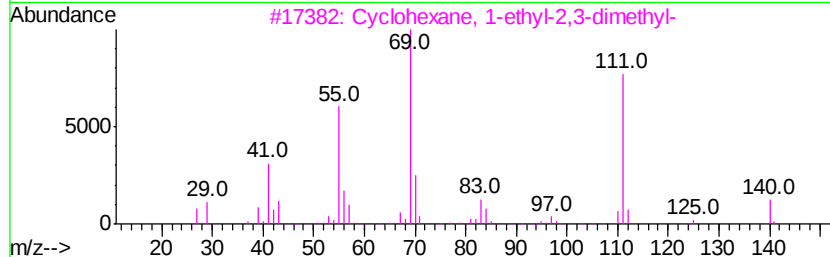
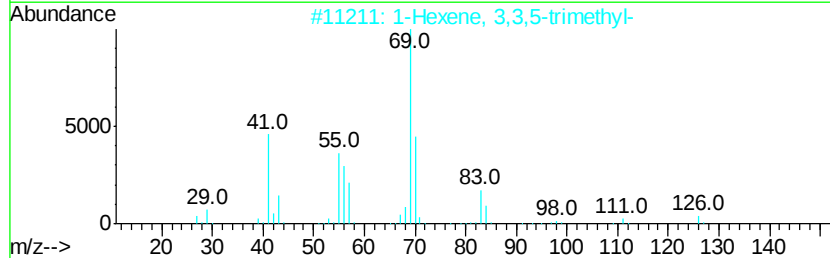
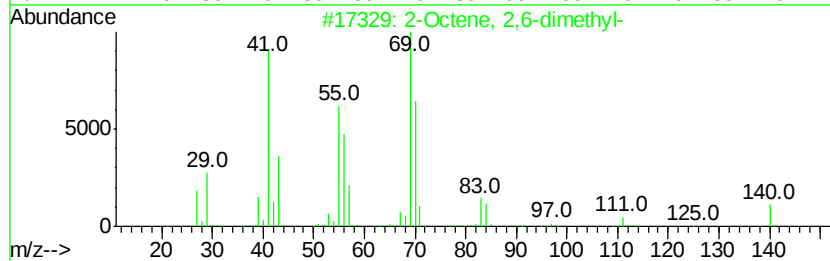
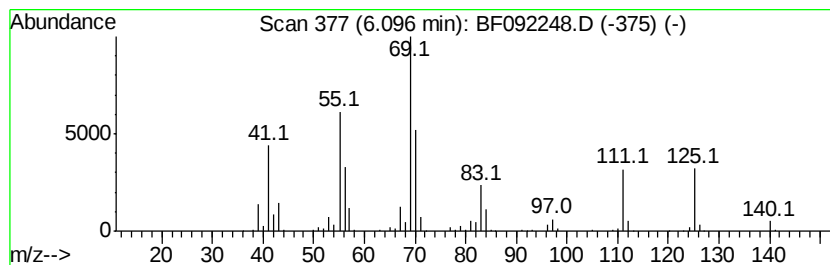
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 2-Octene, 2,6-dimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.10	13.82 ng	2055080	1,4-Dichlorobenzene-d4	6.59

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Octene, 2,6-dimethyl-	140	C10H20	004057-42-5	59
2			1-Hexene, 3,3,5-trimethyl-	126	C9H18	013427-43-5	59
3			Cyclohexane, 1-ethyl-2,3-dimethyl-	140	C10H20	007058-05-1	53
4			1-Hexene, 3,3-dimethyl-	112	C8H16	003404-77-1	52
5			4-Nonene, 2,3,3-trimethyl-, (Z)-	168	C12H24	063830-68-2	50



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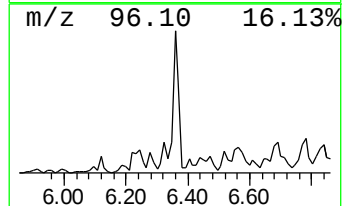
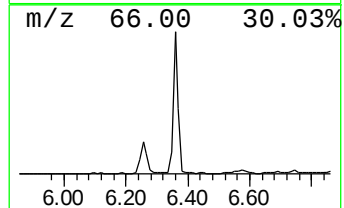
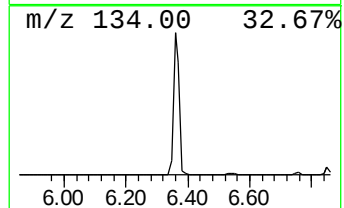
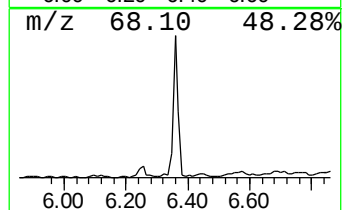
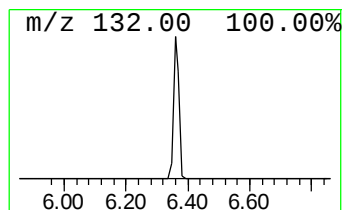
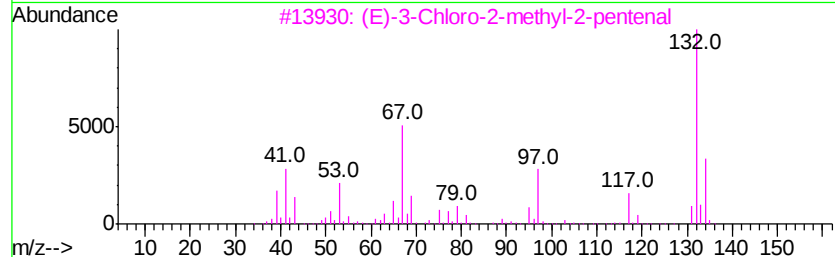
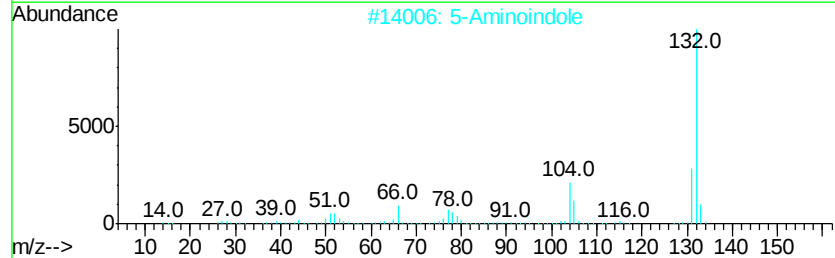
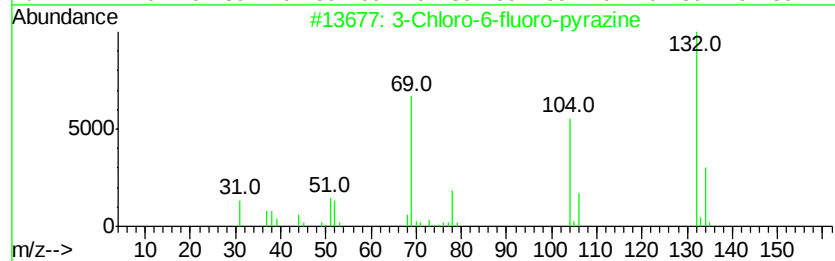
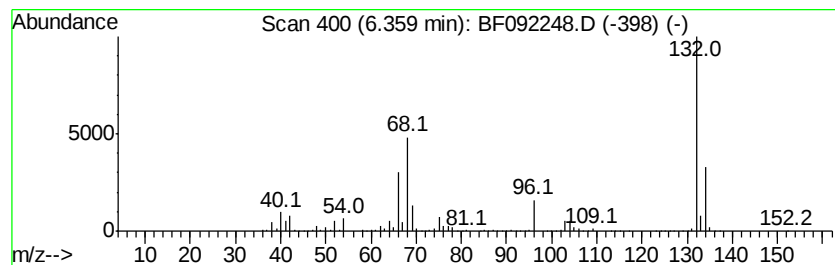
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 unknown6.36 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.36	36.54 ng	5432380	1,4-Dichlorobenzene-d4	6.59

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		5-Aminoindole	132	C8H8N2	005192-03-0	12
3		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	10
4		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5		Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	9



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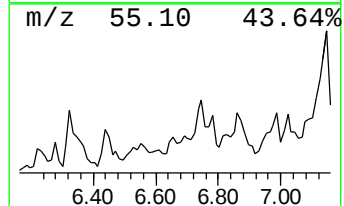
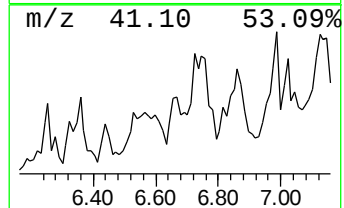
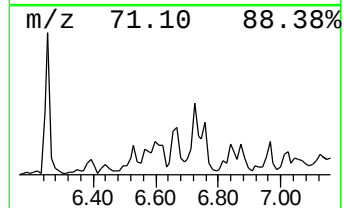
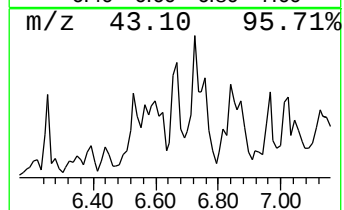
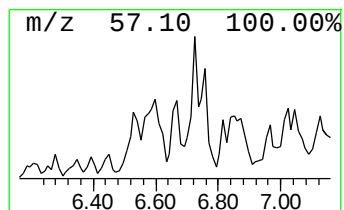
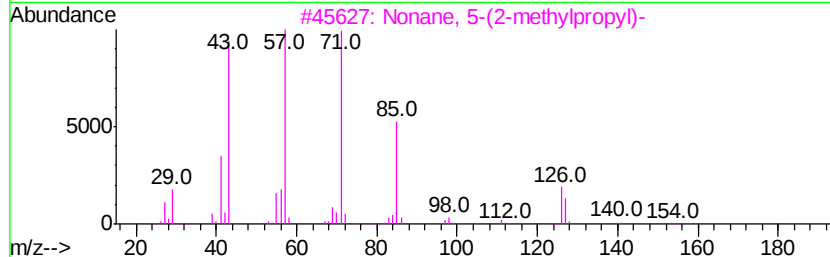
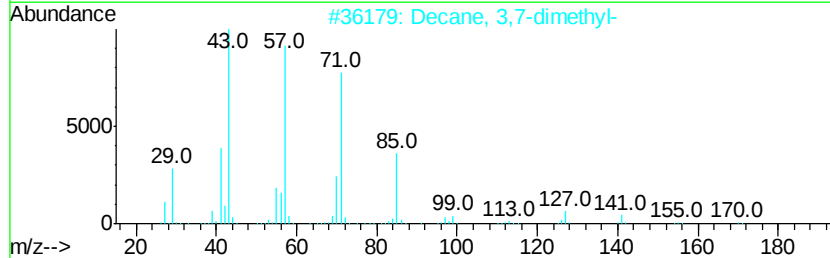
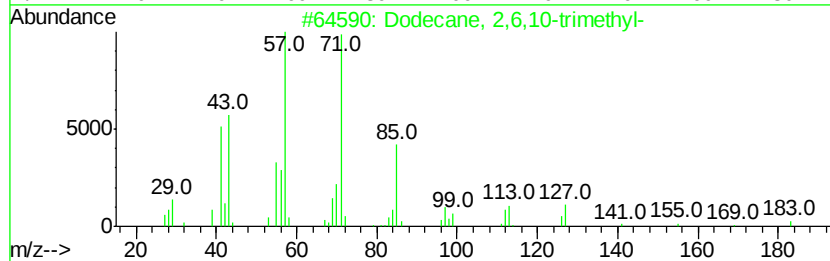
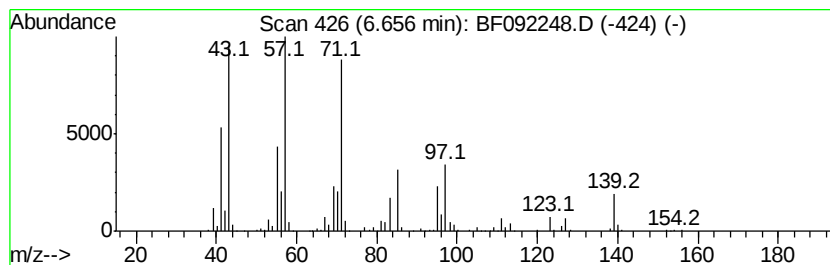
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TIC Integration Parameters: LSCINT.P

Peak Number 4 Dodecane, 2,6,10-trimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.66	21.98 ng	3266640	1,4-Dichlorobenzene-d4	6.59

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	50
2		Decane, 3,7-dimethyl-	170	C12H26	017312-54-8	50
3		Nonane, 5-(2-methylpropyl)-	184	C13H28	062185-53-9	47
4		Undecane, 5-methyl-	170	C12H26	001632-70-8	47
5		Octane, 1,1'-oxybis-	242	C16H34O	000629-82-3	47



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011317\
Data File : BF092248.D
Acq On : 13 Jan 2017 14:43
Operator : UM/SJ
Sample : I1146-02
Misc :
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Instrument :
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ClientSampled :
P-17-11117

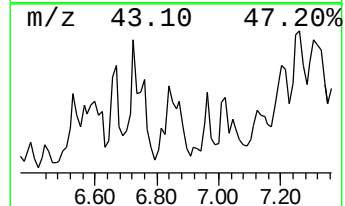
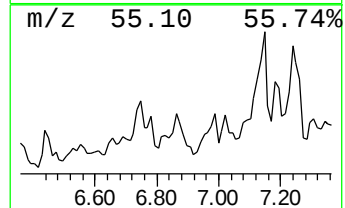
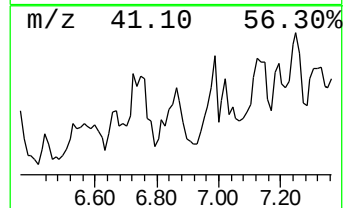
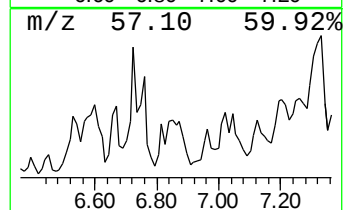
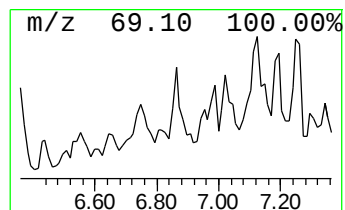
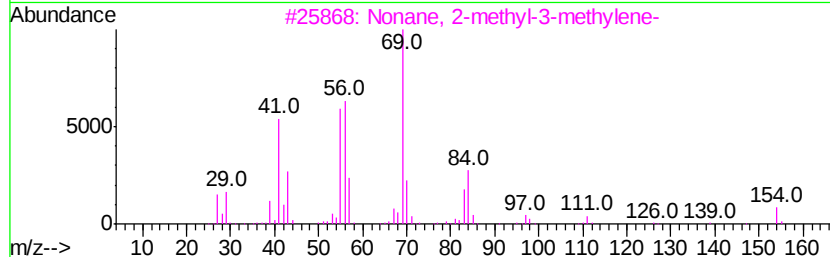
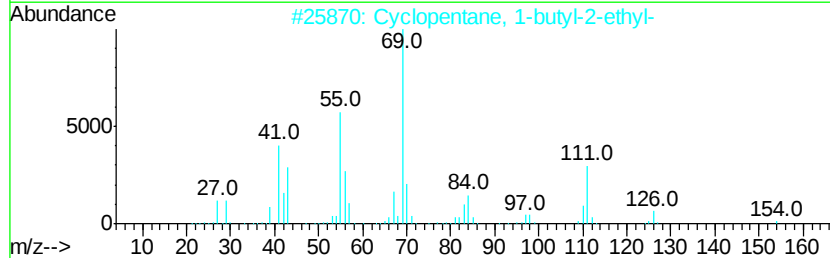
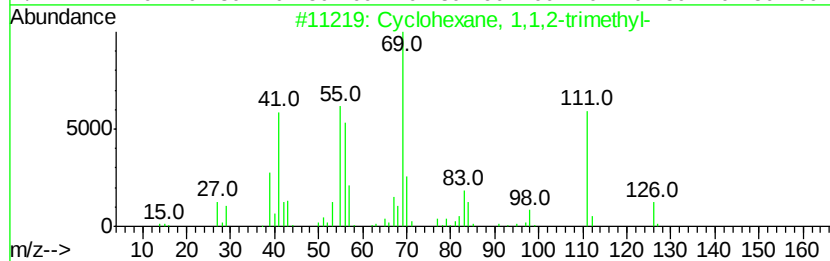
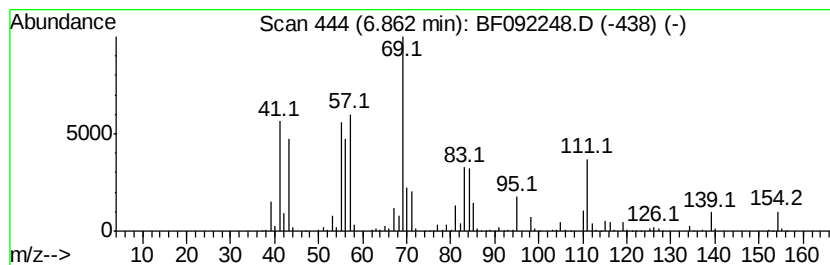
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Cyclohexane, 1,1,2-trimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.86	31.95 ng	4750020	1,4-Dichlorobenzene-d4	6.59

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, 1,1,2-trimethyl-	126	C9H18	007094-26-0	70
2		Cyclopentane, 1-butyl-2-ethyl-	154	C11H22	072993-32-9	68
3		Nonane, 2-methyl-3-methylene-	154	C11H22	055499-08-6	58
4		1-Ethyl-2,2,6-trimethylcyclohexane	154	C11H22	071186-27-1	43
5		1-Octene, 3,3-dimethyl-	140	C10H20	074511-51-6	43



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011317\
Data File : BF092248.D
Acq On : 13 Jan 2017 14:43
Operator : UM/SJ
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Misc :
ALS Vial : 11 Sample Multiplier: 1

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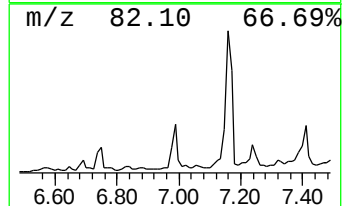
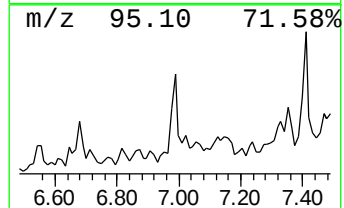
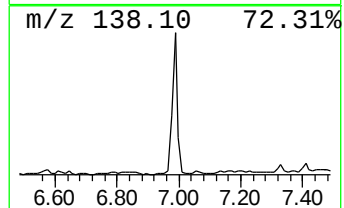
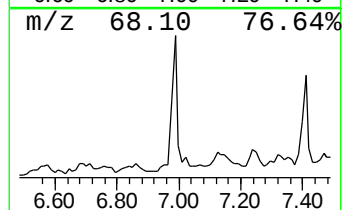
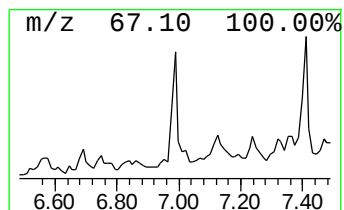
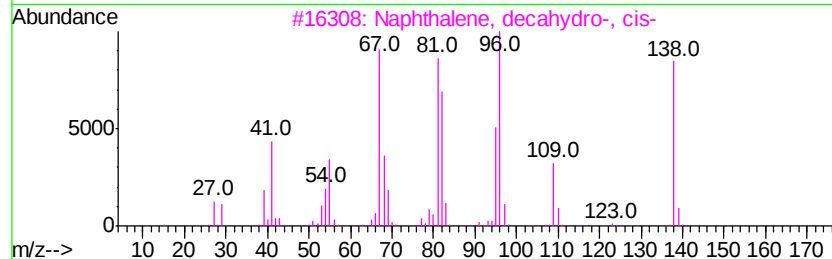
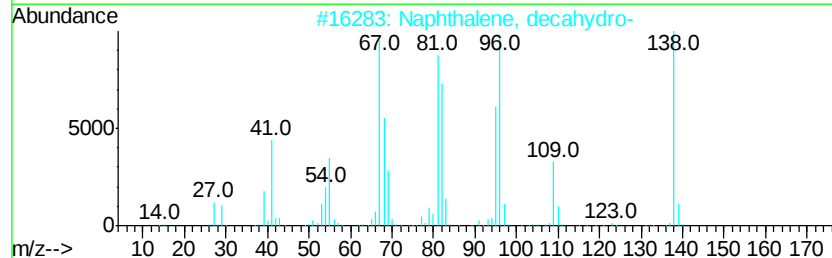
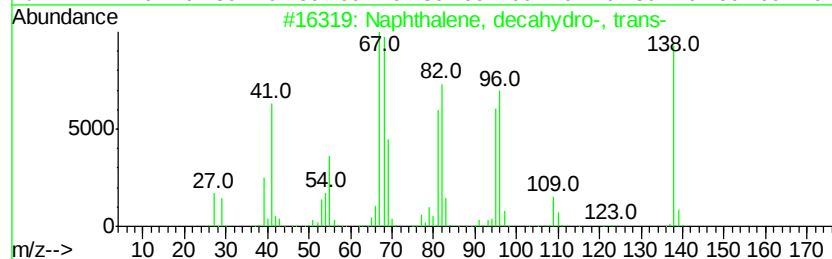
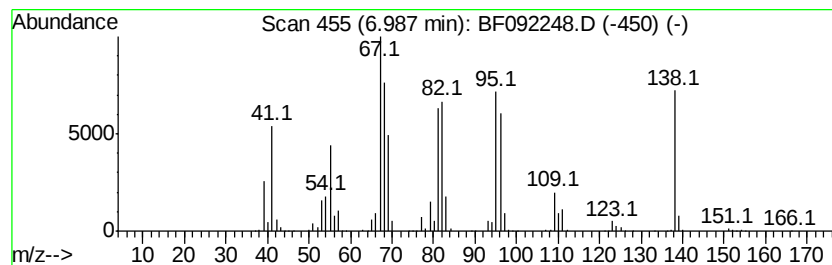
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Naphthalene, decahydro-, tr... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.99	33.25 ng	4942410	1,4-Dichlorobenzene-d4	6.59

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, decahydro-, trans-	138	C10H18	000493-02-7	97
2		Naphthalene, decahydro-	138	C10H18	000091-17-8	96
3		Naphthalene, decahydro-, cis-	138	C10H18	000493-01-6	76
4		Spiro[4.5]decane	138	C10H18	000176-63-6	76
5		4,5-Nonadiene	124	C9H16	000821-74-9	55



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011317\
Data File : BF092248.D
Acq On : 13 Jan 2017 14:43
Operator : UM/SJ
Sample : I1146-02
Misc :
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ClientSampleId :
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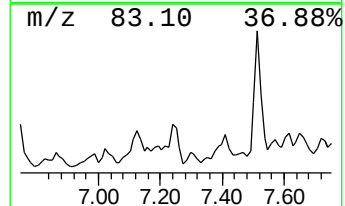
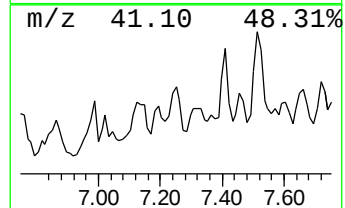
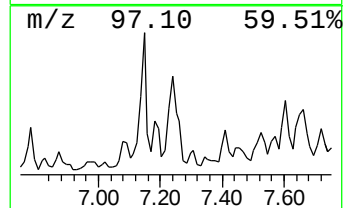
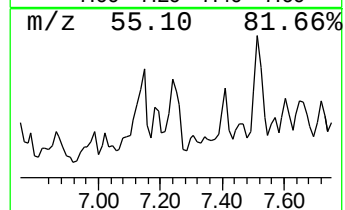
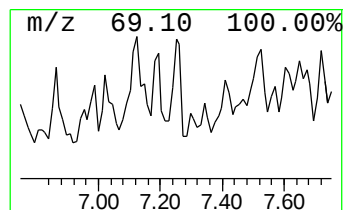
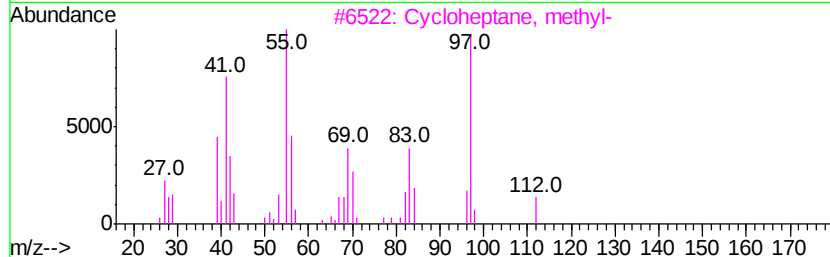
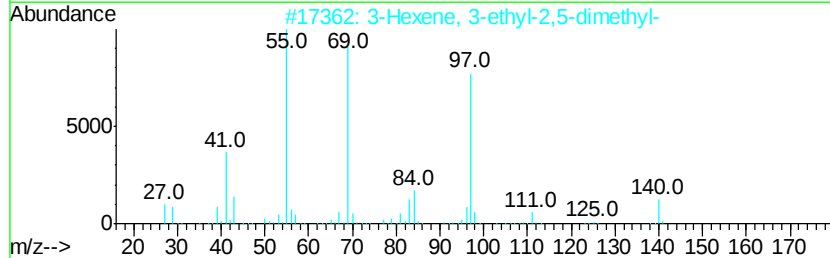
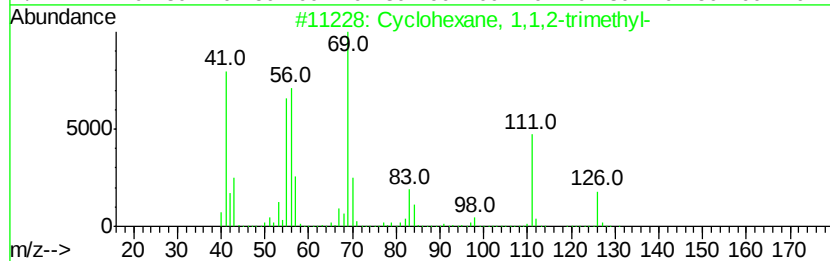
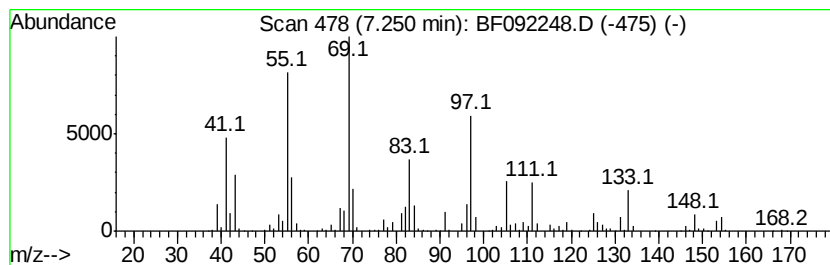
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 unknown7.25 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.25	17.76 ng	4396750	Napthalene-d8	7.89

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, 1,1,2-trimethyl-	126	C9H18	007094-26-0	45
2		3-Hexene, 3-ethyl-2,5-dimethyl-	140	C10H20	062338-08-3	43
3		Cycloheptane, methyl-	112	C8H16	004126-78-7	35
4		1-Docosene	308	C22H44	001599-67-3	27
5		5-Eicosene, (E)-	280	C20H40	074685-30-6	27



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011317\
Data File : BF092248.D
Acq On : 13 Jan 2017 14:43
Operator : UM/SJ
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Misc :
ALS Vial : 11 Sample Multiplier: 1

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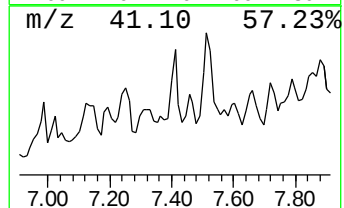
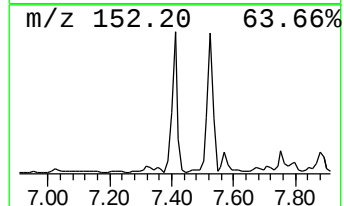
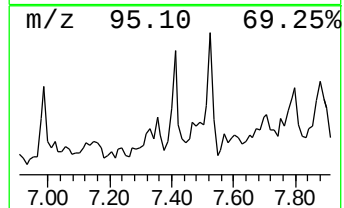
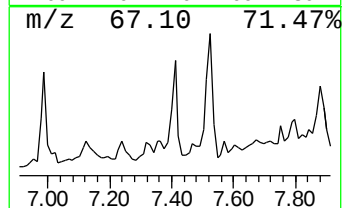
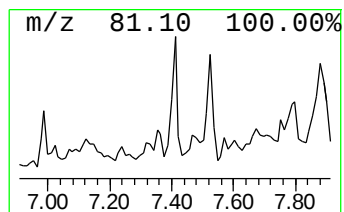
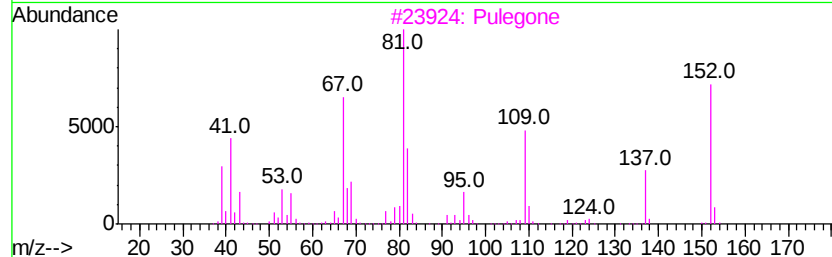
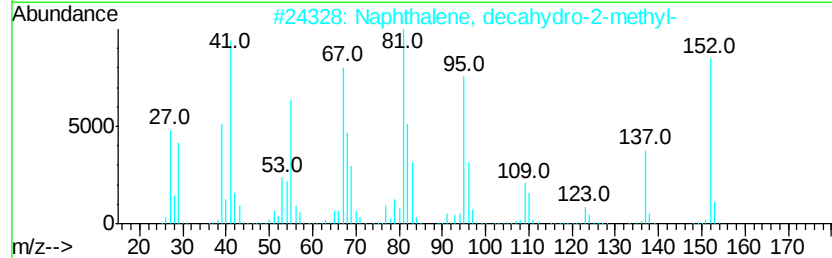
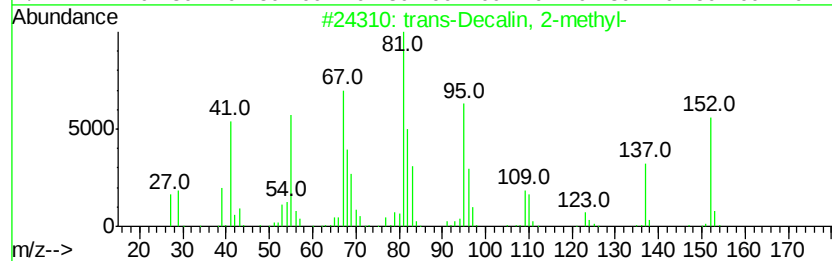
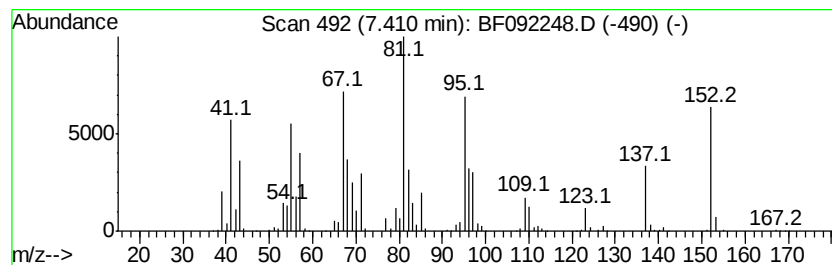
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 trans-Decalin, 2-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.41	19.11 ng	4731100	Naphthalene-d8	7.89

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	91
2			Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	90
3			Pulegone	152	C10H16O	000089-82-7	64
4			Cyclohexanone, 5-methyl-2-(1-met...	152	C10H16O	015932-80-6	58
5			Bicyclo[4.1.0]heptan-2-one, 3,5,...	152	C10H16O	029750-24-1	53



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011317\
Data File : BF092248.D
Acq On : 13 Jan 2017 14:43
Operator : UM/SJ
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Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
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ClientSampleId :
P-17-11117

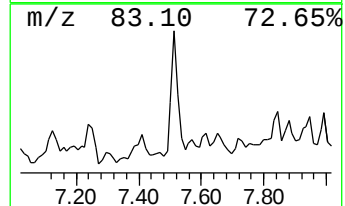
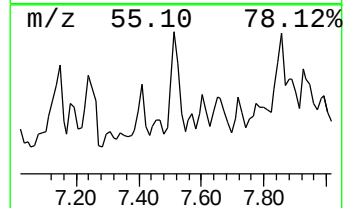
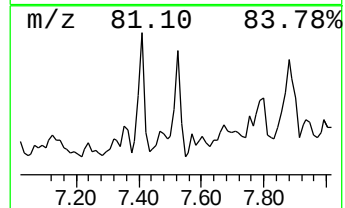
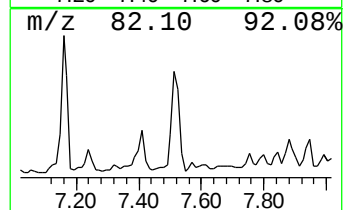
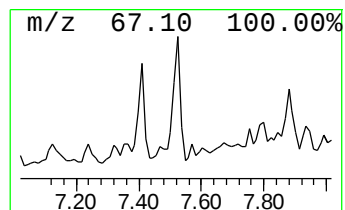
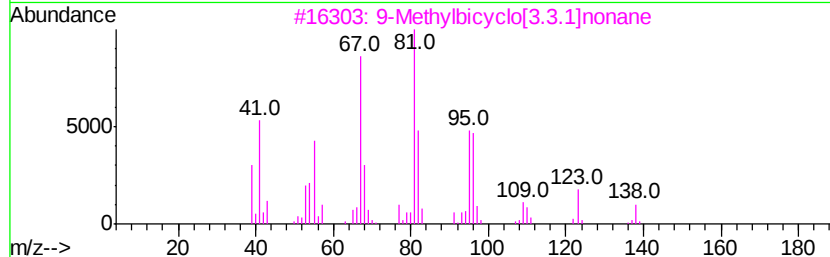
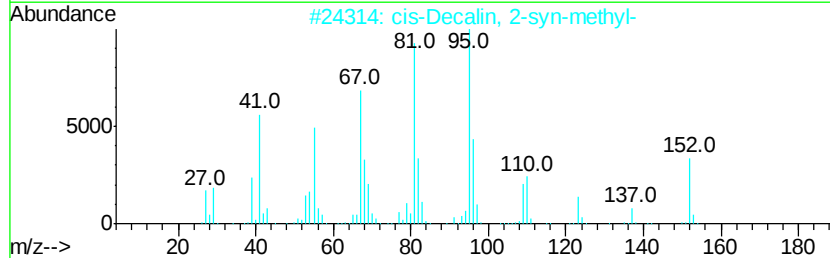
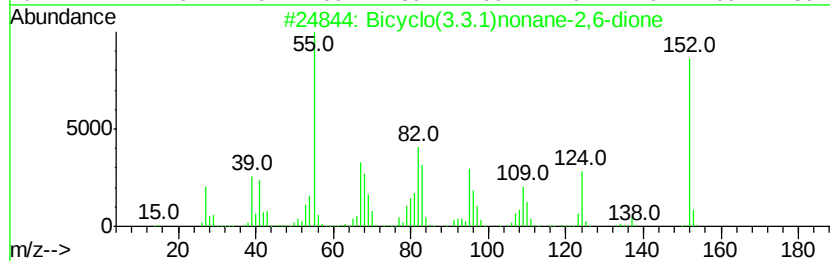
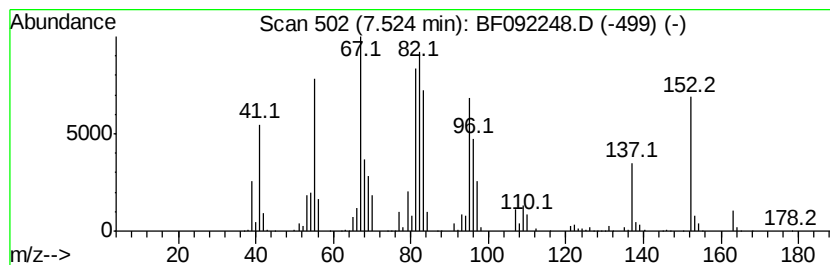
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Bicyclo(3.3.1)nonane-2,6-dione Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.52	34.61 ng	8571510	Naphthalene-d8	7.89

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Bicyclo(3.3.1)nonane-2,6-dione	152	C9H12O2	016473-11-3	58
2			cis-Decalin, 2-syn-methyl-	152	C11H20	1000155-85-6	58
3			9-Methylbicyclo[3.3.1]nonane	138	C10H18	025107-01-1	55
4			1-Methyldecahydronaphthalene	152	C11H20	002958-75-0	53
5			Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	53



Data Path : Z:\HPCHEM1\BNA F\DATA\BF011317\
Data File : BF092248.D
Acq On : 13 Jan 2017 14:43
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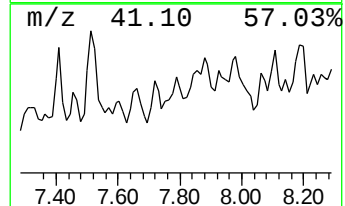
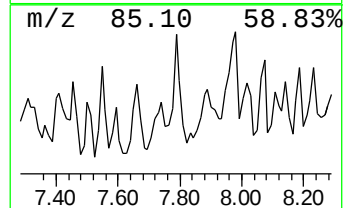
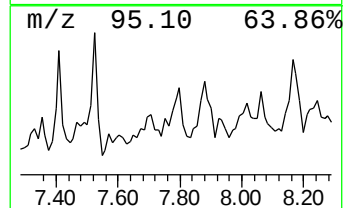
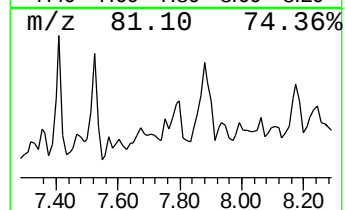
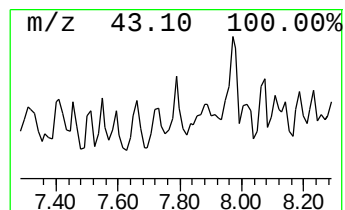
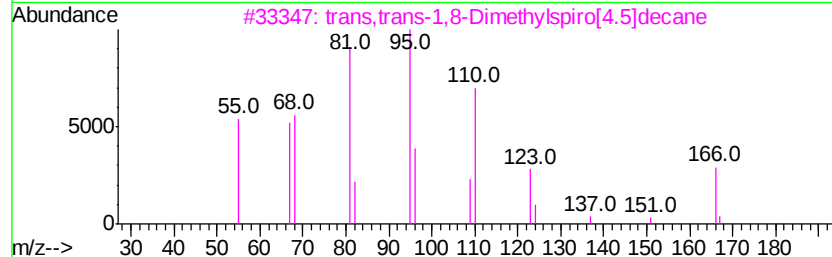
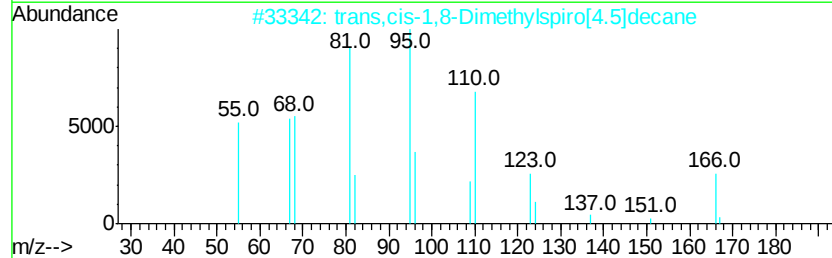
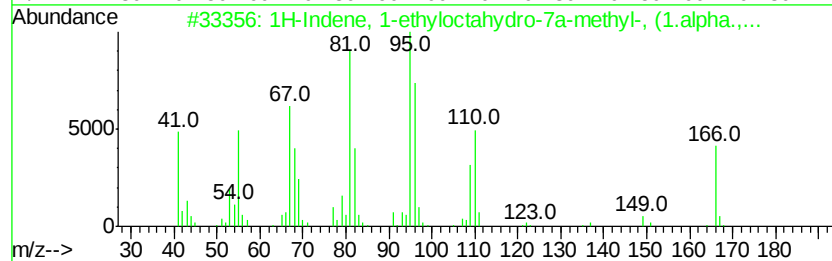
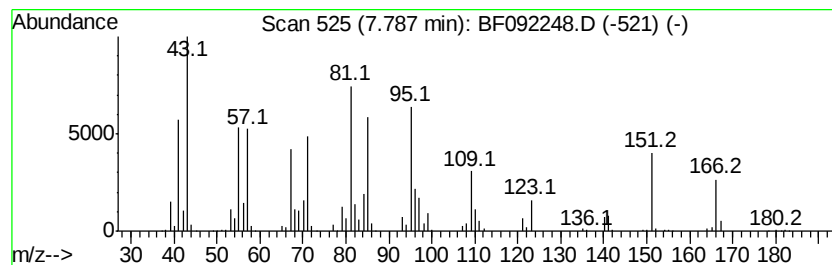
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 1H-Indene, 1-ethyloctahydro... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.79	17.09 ng	4232360	Naphthalene-d8	7.89

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-Indene, 1-ethyloctahydro-7a-m...	166	C12H22	056324-71-1	55
2		trans,cis-1,8-Dimethylspiro[4.5]...	166	C12H22	1000111-72-9	49
3		trans,trans-1,8-Dimethylspiro[4.5]...	166	C12H22	1000111-72-8	49
4		Naphthalene, decahydro-2,3-dimet...	166	C12H22	001008-80-6	38
5		Cyclohexene, 1-ethyl-	110	C8H14	001453-24-3	25



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011317\
Data File : BF092248.D
Acq On : 13 Jan 2017 14:43
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ALS Vial : 11 Sample Multiplier: 1

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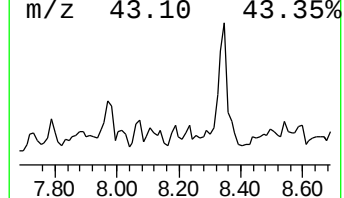
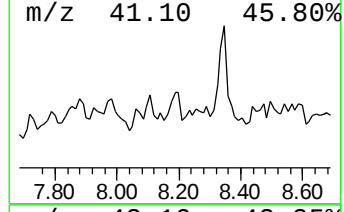
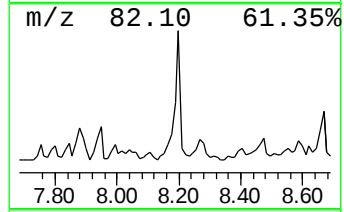
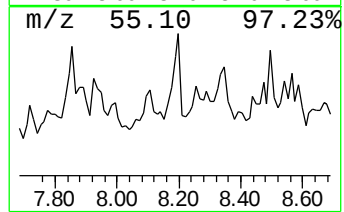
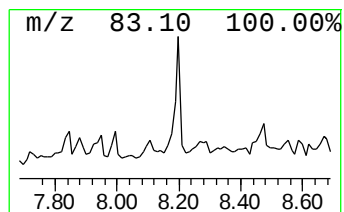
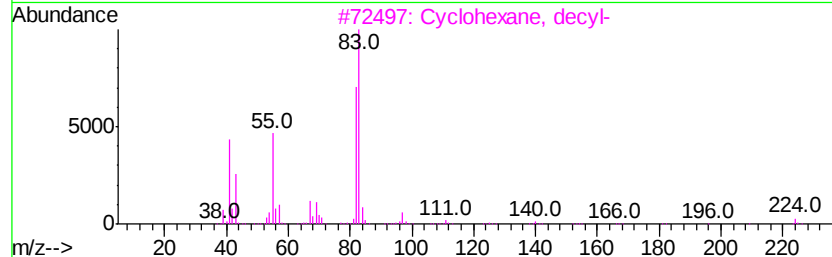
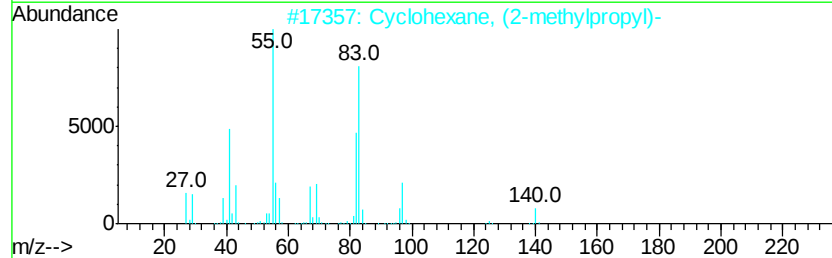
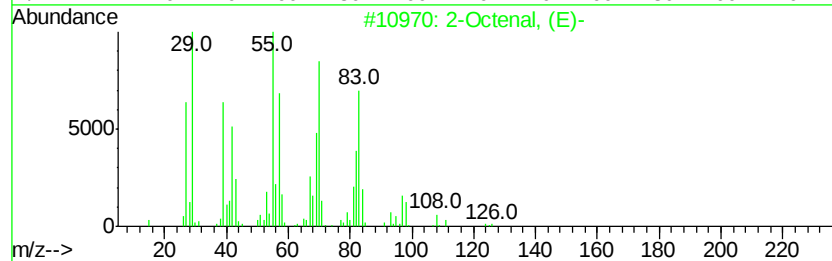
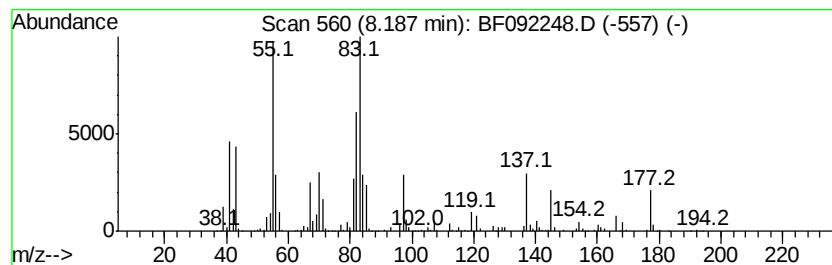
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 unknown8.19 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.19	20.95 ng	5188540	Naphthalene-d8	7.89

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Octenal, (E)-	126	C8H14O	002548-87-0	47
2		Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	43
3		Cyclohexane, decyl-	224	C16H32	001795-16-0	38
4		n-Amylcyclohexane	154	C11H22	029949-27-7	38
5		2,3-Dimethyl-2-octene	140	C10H20	019781-18-1	38



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011317\
Data File : BF092248.D
Acq On : 13 Jan 2017 14:43
Operator : UM/SJ
Sample : I1146-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

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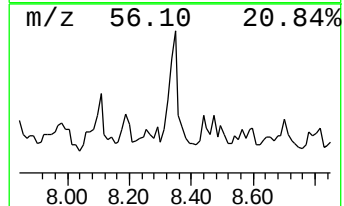
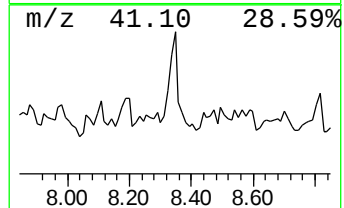
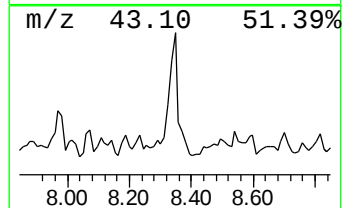
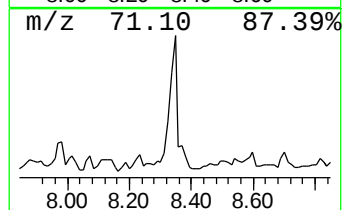
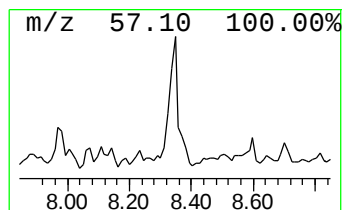
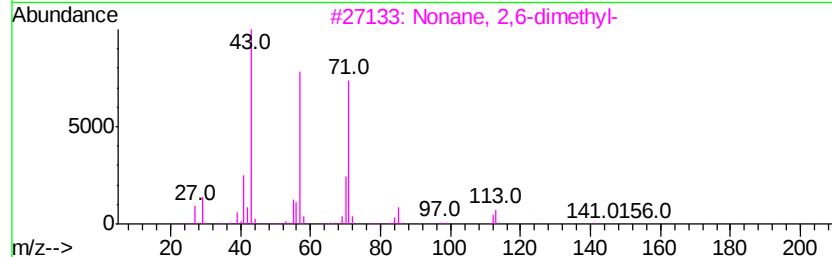
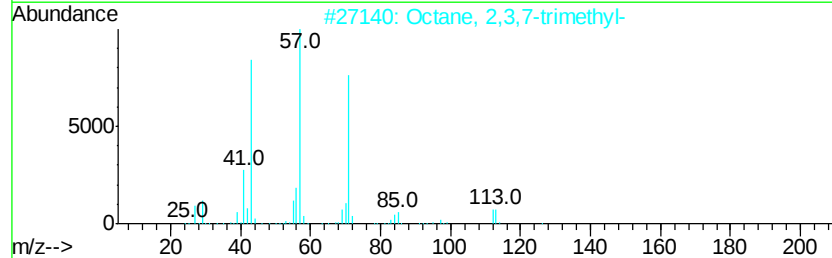
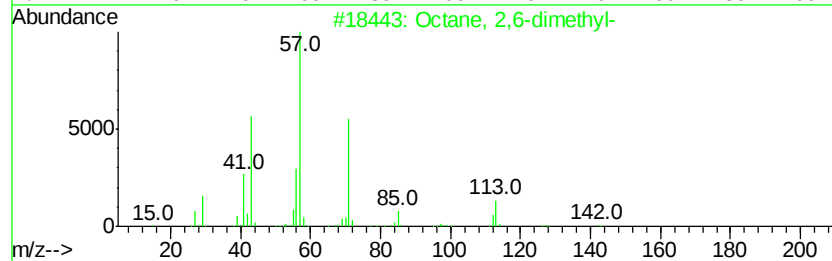
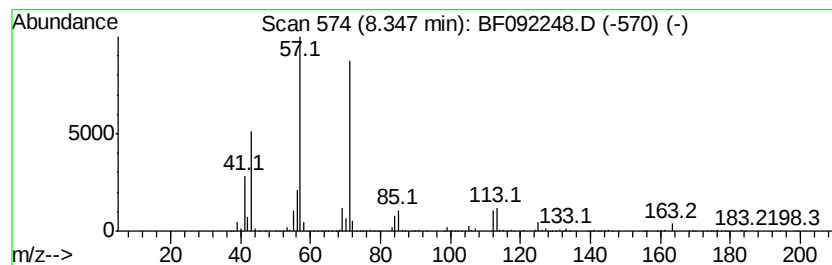
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Octane, 2,6-dimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.35	50.54 ng	12515700	Naphthalene-d8	7.89

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	86
2		Octane, 2,3,7-trimethyl-	156	C11H24	062016-34-6	83
3		Nonane, 2,6-dimethyl-	156	C11H24	017302-28-2	72
4		Octane, 2,3,6-trimethyl-	156	C11H24	062016-33-5	72
5		Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	64



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011317\
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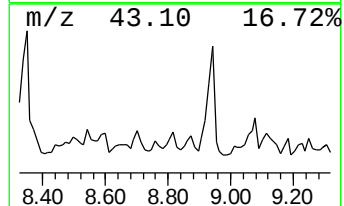
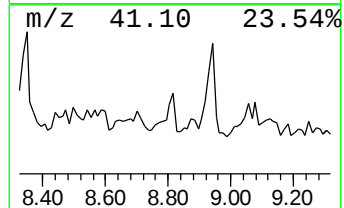
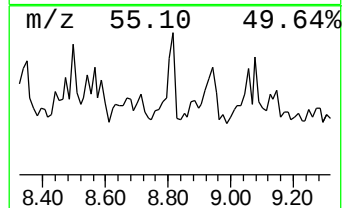
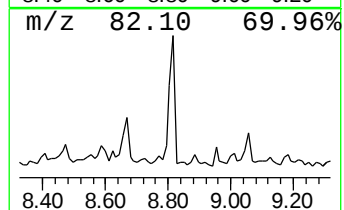
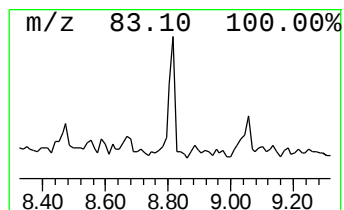
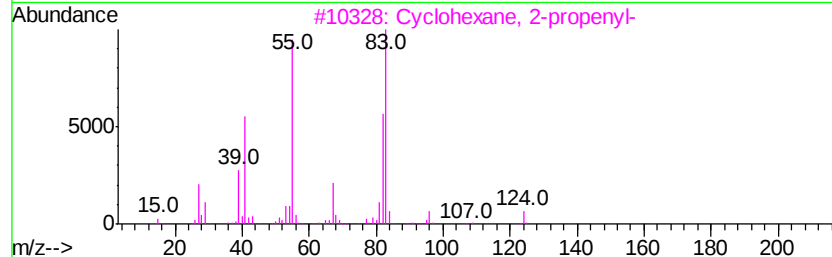
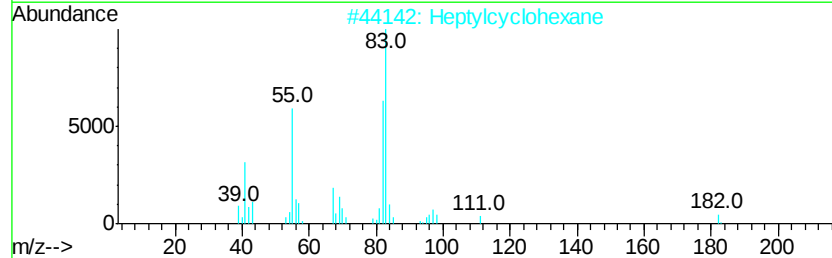
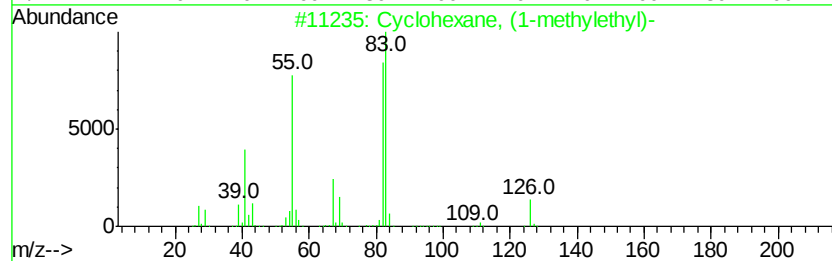
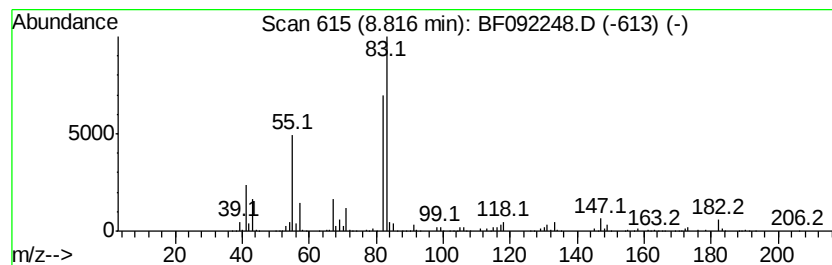
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Cyclohexane, (1-methylethyl)- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.82	16.14 ng	3139620	Acenaphthene-d10	9.64

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	64
2			Heptylcyclohexane	182	C13H26	005617-41-4	50
3			Cyclohexane, 2-propenyl-	124	C9H16	002114-42-3	45
4			Cyclohexane, butyl-	140	C10H20	001678-93-9	45
5			Cyclohexane, decyl-	224	C16H32	001795-16-0	45



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011317\
Data File : BF092248.D
Acq On : 13 Jan 2017 14:43
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Misc :
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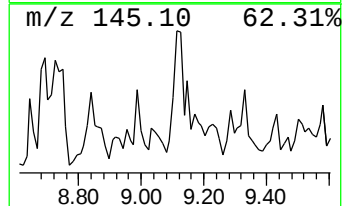
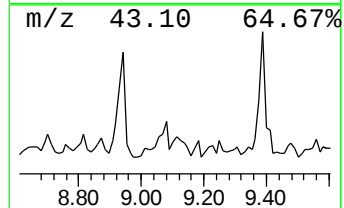
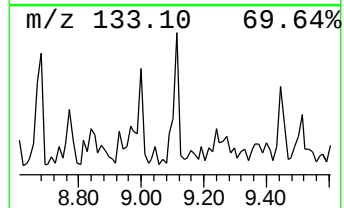
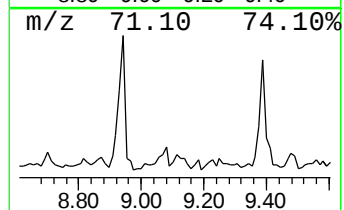
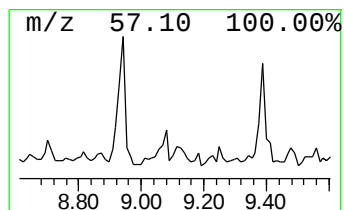
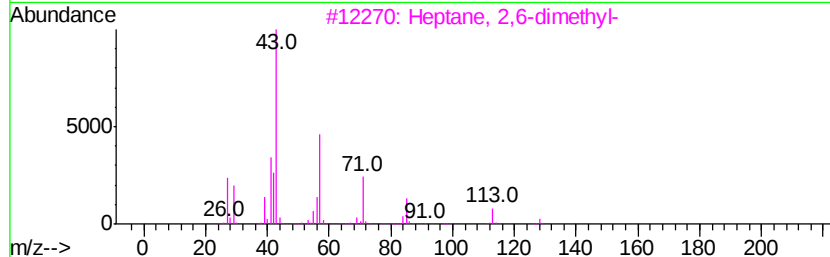
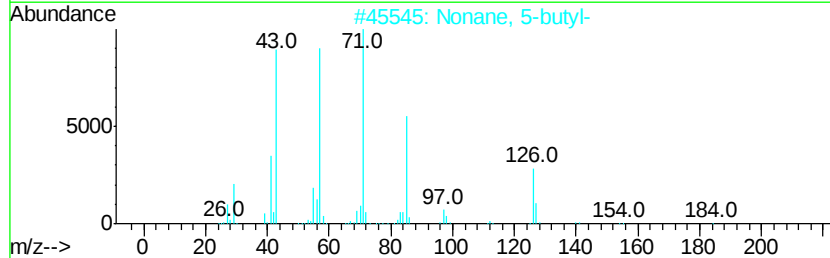
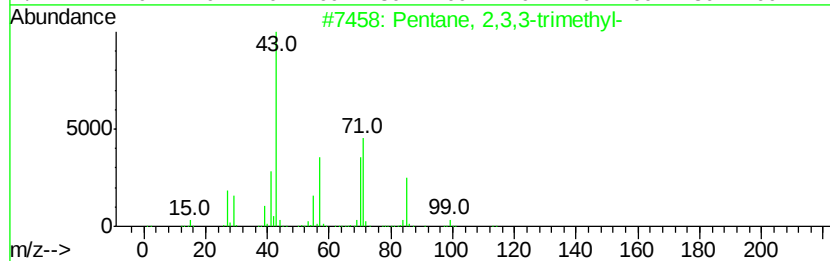
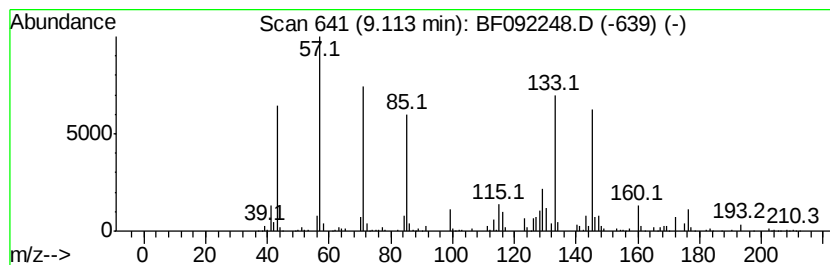
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 unknown9.11 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.11	19.86 ng	3863650	Acenaphthene-d10	9.64

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentane, 2,3,3-trimethyl-	114	C8H18	000560-21-4	35
2		Nonane, 5-butyl-	184	C13H28	017312-63-9	30
3		Heptane, 2,6-dimethyl-	128	C9H20	001072-05-5	27
4		2,2,3-Triethyloxirane	128	C8H16O	053229-40-6	25
5		Tetrahydrofuran-2-acetic acid et...	158	C8H14O3	002434-02-8	22



Data Path : Z:\HPCHEM1\BNA F\DATA\BF011317\
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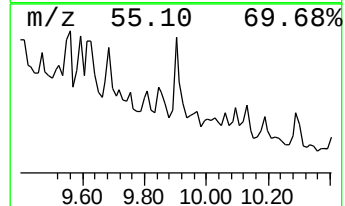
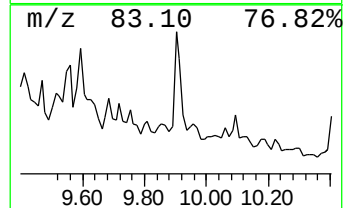
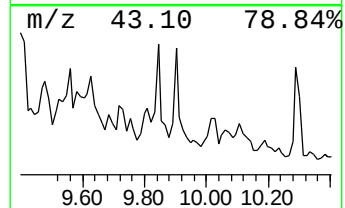
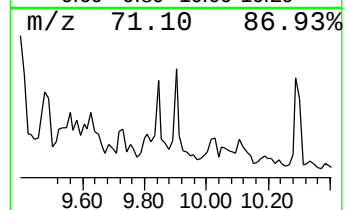
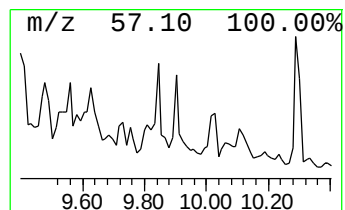
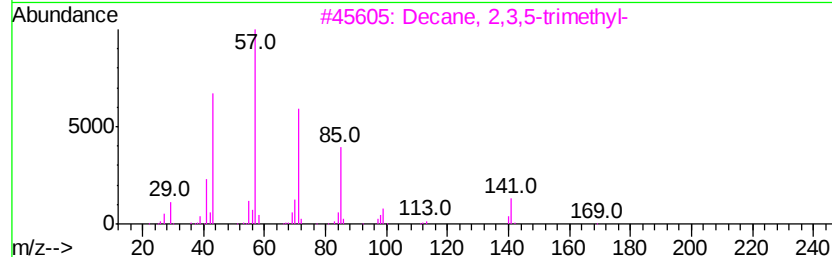
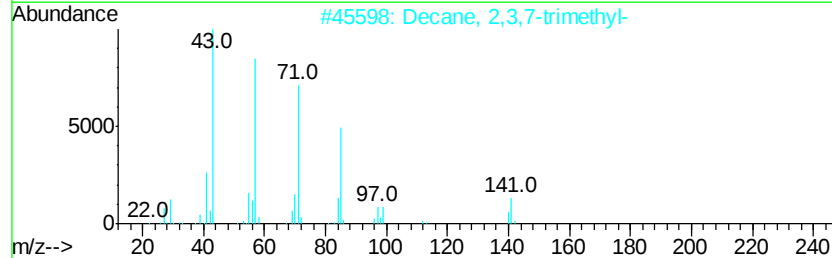
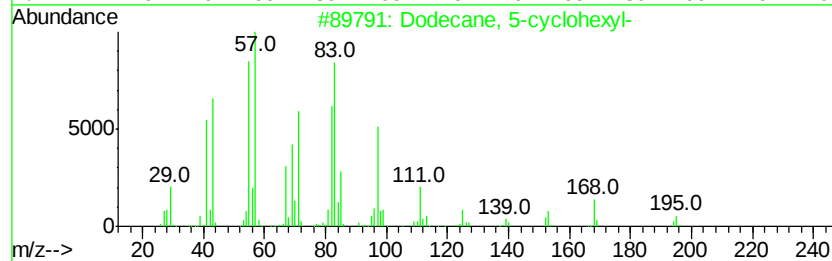
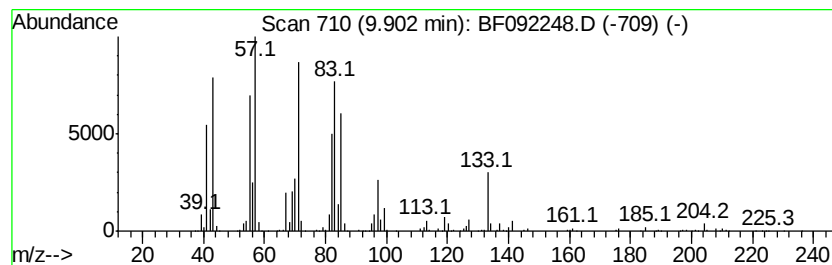
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 16 unknown9.90 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.90	16.16 ng	3143140	Acenaphthene-d10	9.64

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane, 5-cyclohexyl-	252	C18H36	013151-85-4	35
2		Decane, 2,3,7-trimethyl-	184	C13H28	062238-13-5	35
3		Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	35
4		Cyclopentane, 1-methyl-3-(1-meth...	126	C9H18	053771-88-3	30
5		Dodecane, 4-methyl-	184	C13H28	006117-97-1	27



Data Path : Z:\HPCHEM1\BNA F\DATA\BF011317\
Data File : BF092248.D
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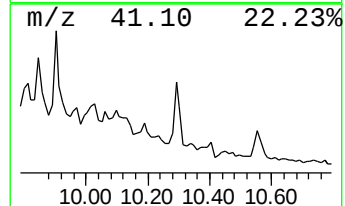
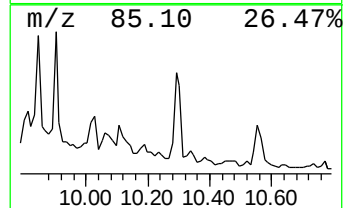
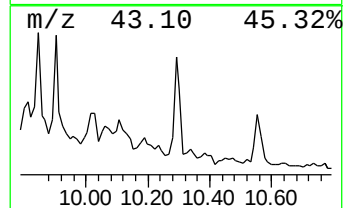
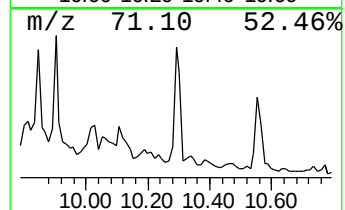
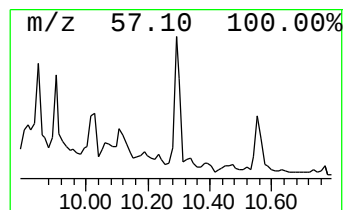
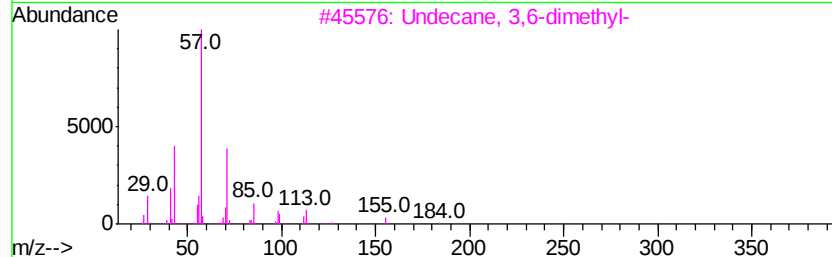
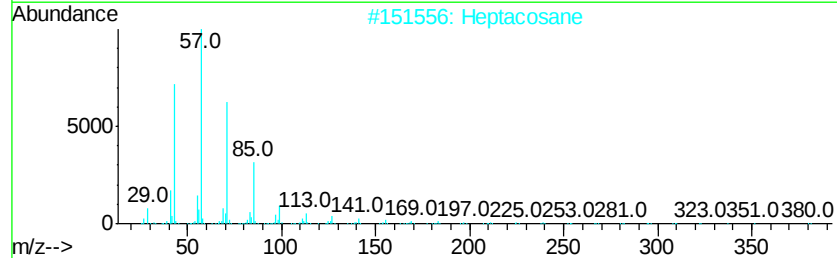
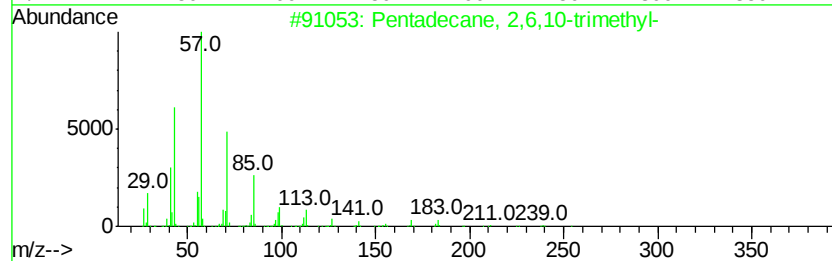
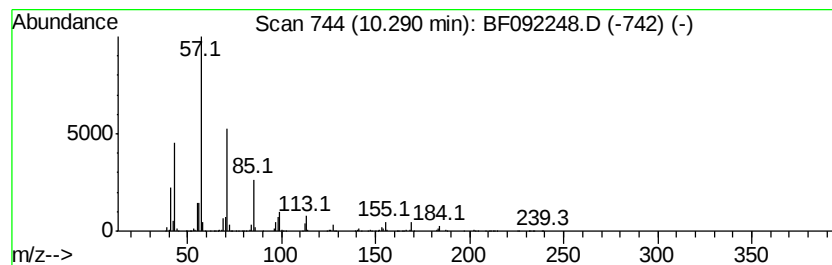
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Pentadecane, 2,6,10-trimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.29	15.08 ng	2934120	Acenaphthene-d10	9.64

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	86
2		Heptacosane	380	C27H56	000593-49-7	86
3		Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	72
4		Tridecane	184	C13H28	000629-50-5	72
5		Tetracosane	338	C24H50	000646-31-1	64



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011317\
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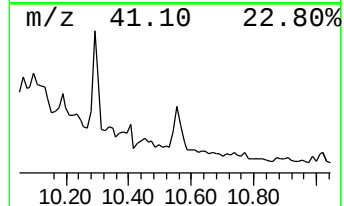
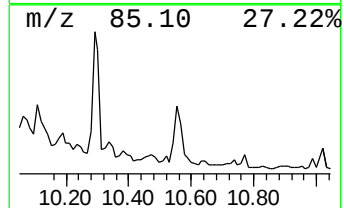
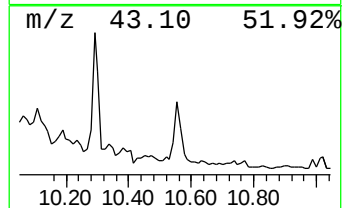
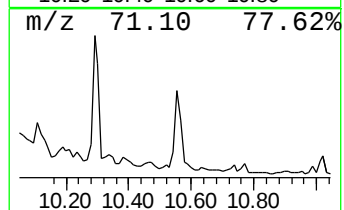
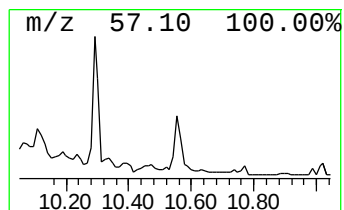
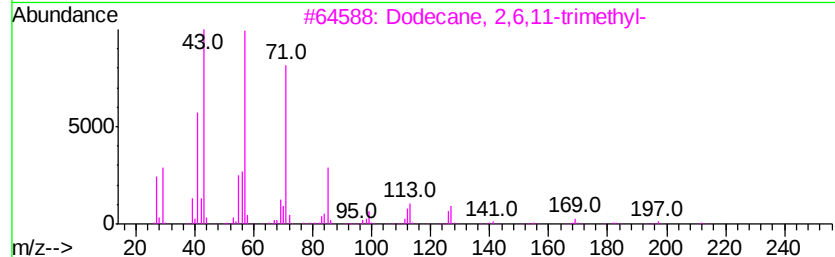
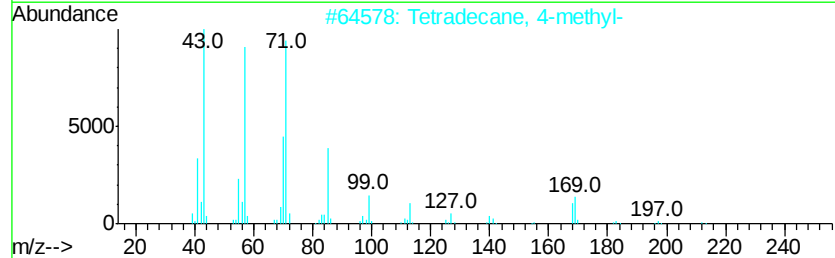
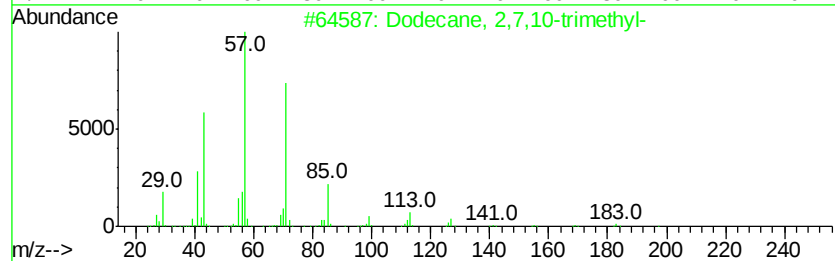
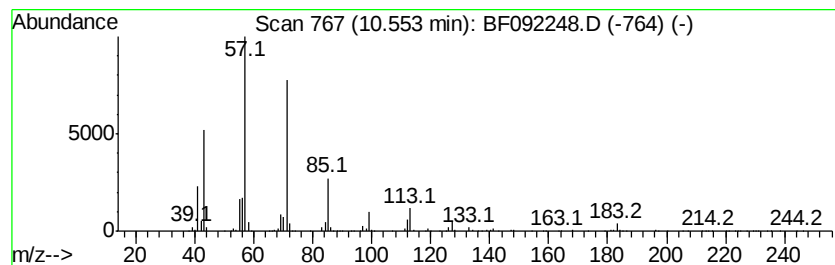
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 18 Dodecane, 2,7,10-trimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.55	21.94 ng	1800780	Phenanthrene-d10	11.10

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	86
2		Tetradecane, 4-methyl-	212	C15H32	025117-24-2	64
3		Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	64
4		Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	58
5		Dodecane, 4-methyl-	184	C13H28	006117-97-1	46



Data Path : Z:\HPCHEM1\BNA F\DATA\BF011317\
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Misc :
ALS Vial : 11 Sample Multiplier: 1

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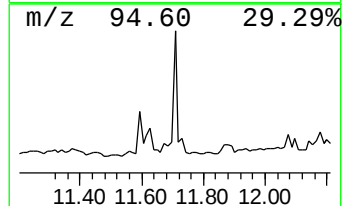
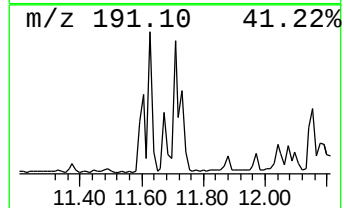
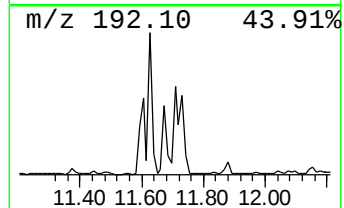
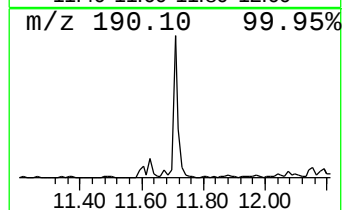
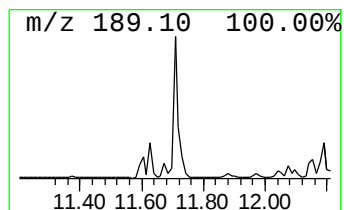
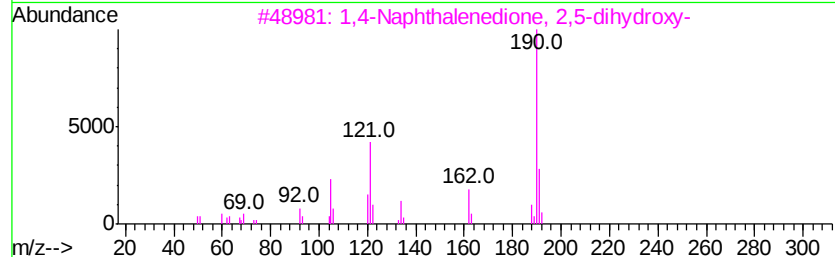
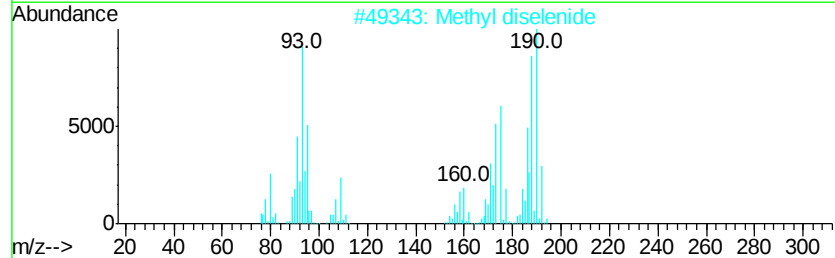
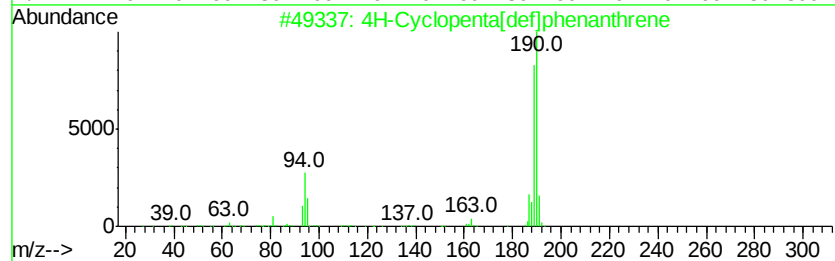
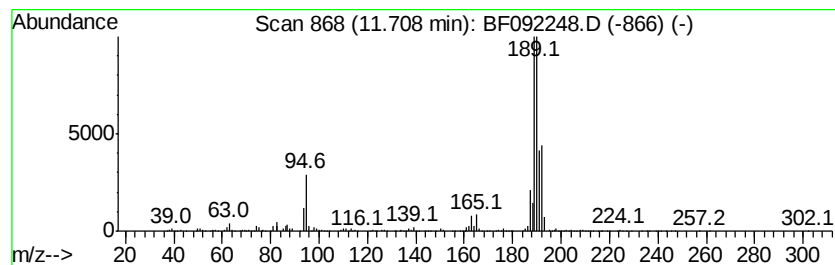
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 4H-Cyclopenta[def]phenanthrene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.71	17.38 ng	1426610	Phenanthrene-d10	11.10

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	76
2			Methyl diselenide	190	C2H6Se2	007101-31-7	38
3			1,4-Naphthalenedione, 2,5-dihydr...	190	C10H6O4	004923-55-1	16
4			2-Naphthaldehyde, 1,2,3,4-tetra...	190	C12H14O2	002472-02-8	11
5			4-Cyano-4-hydroxy-3-methyl-2-phe...	216	C13H16N2O	1000216-11-7	10



Data Path : Z:\HPCHEM1\BNA F\DATA\BF011317\
Data File : BF092248.D
Acq On : 13 Jan 2017 14:43
Operator : UM/SJ
Sample : I1146-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampled :
P-17-11117

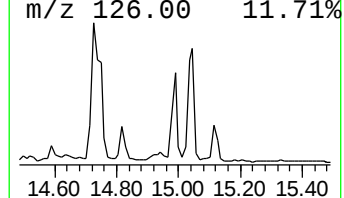
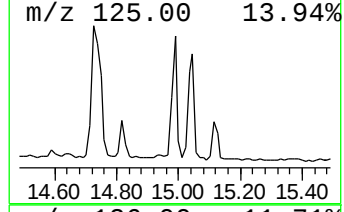
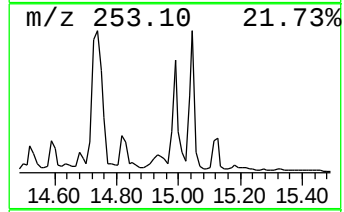
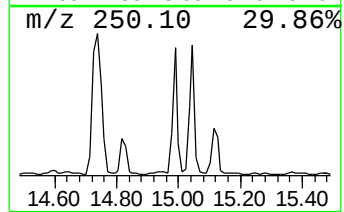
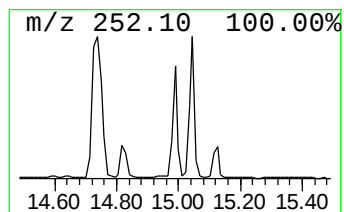
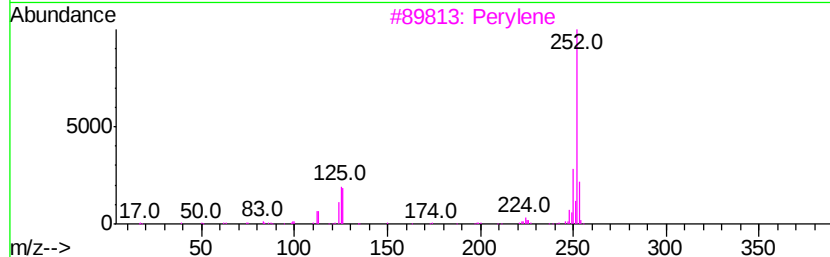
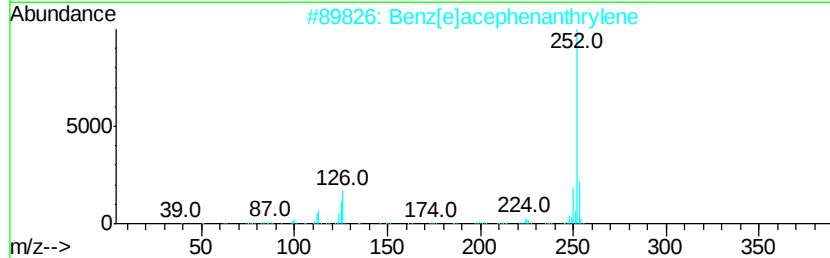
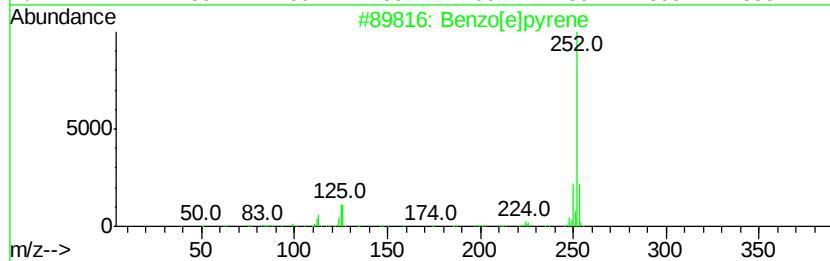
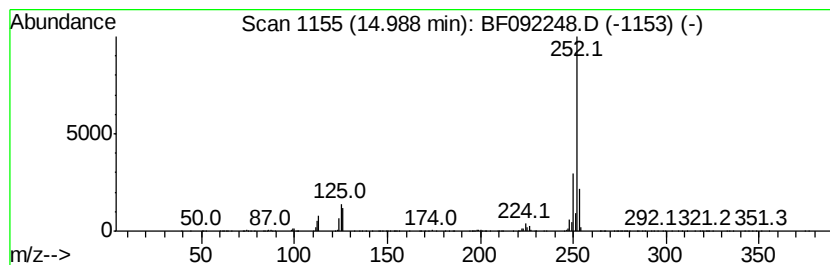
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Benzo[e]pyrene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.99	14.70 ng	1107960	Perylene-d12	15.09

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[e]pyrene	252	C20H12	000192-97-2	99
2		Benzo[e]acephenanthrylene	252	C20H12	000205-99-2	96
3		Perylene	252	C20H12	000198-55-0	95
4		Benzo[a]pyrene	252	C20H12	000050-32-8	93
5		Benzo[k]fluoranthene	252	C20H12	000207-08-9	93



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011317\
 Data File : BF092248.D
 Acq On : 13 Jan 2017 14:43
 Operator : UM/SJ
 Sample : I1146-02
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P-17-11117

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.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
2-Octene, 2,6-dim...	6.10	13.8	ng	2055080	1	6.59	2973030	20.0
unknown6.36	6.36	36.5	ng	5432380	1	6.59	2973030	20.0
Dodecane, 2,6,10-...	6.66	22.0	ng	3266640	1	6.59	2973030	20.0
Cyclohexane, 1,1,...	6.86	31.9	ng	4750020	1	6.59	2973030	20.0
Naphthalene, deca...	6.99	33.3	ng	4942410	1	6.59	2973030	20.0
unknown7.25	7.25	17.8	ng	4396750	2	7.89	4952550	20.0
trans-Decalin, 2-...	7.41	19.1	ng	4731100	2	7.89	4952550	20.0
Bicyclo(3.3.1)non...	7.52	34.6	ng	8571510	2	7.89	4952550	20.0
1H-Indene, 1-ethy...	7.79	17.1	ng	4232360	2	7.89	4952550	20.0
unknown8.19	8.19	20.9	ng	5188540	2	7.89	4952550	20.0
Octane, 2,6-dimet...	8.35	50.5	ng	12515700	2	7.89	4952550	20.0
Cyclohexane, (1-m...	8.82	16.1	ng	3139620	3	9.64	3891070	20.0
unknown9.11	9.11	19.9	ng	3863650	3	9.64	3891070	20.0
unknown9.90	9.90	16.2	ng	3143140	3	9.64	3891070	20.0
Pentadecane, 2,6,...	10.29	15.1	ng	2934120	3	9.64	3891070	20.0
Dodecane, 2,7,10-...	10.55	21.9	ng	1800780	4	11.10	1641440	20.0
4H-Cyclopenta[def...	11.71	17.4	ng	1426610	4	11.10	1641440	20.0
Benzo[e]pyrene	14.99	14.7	ng	1107960	6	15.09	1507540	20.0