

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120615\
 Data File : BF083551.D
 Acq On : 7 Dec 2015 9:18
 Operator : UM/IZ
 Sample : G4594-09
 Misc :
 ALS Vial : 62 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 K209-8-10

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-BF120415.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	3.047	115	119	123	rVB	83648	127043	1.16%	0.057%
2	3.481	153	157	158	rBV2	78767	162878	1.49%	0.073%
3	3.573	160	165	171	rVB2	945836	1949809	17.87%	0.875%
4	3.756	178	181	183	rBV	227072	304282	2.79%	0.137%
5	3.950	194	198	202	rVB	105641	192108	1.76%	0.086%
6	4.018	202	204	207	rBV	3918156	4653549	42.65%	2.089%
7	4.156	213	216	218	rBV	169693	287035	2.63%	0.129%
8	4.201	218	220	222	rVB	211449	215339	1.97%	0.097%
9	4.247	222	224	229	rVB2	197396	371931	3.41%	0.167%
10	4.327	229	231	234	rBV	120215	162210	1.49%	0.073%
11	4.441	237	241	244	rBV2	414786	800641	7.34%	0.359%
12	4.510	244	247	249	rBV3	168396	385661	3.53%	0.173%
13	4.613	253	256	259	rVB2	576662	865622	7.93%	0.389%
14	4.681	259	262	265	rBV3	276679	722450	6.62%	0.324%
15	4.739	265	267	271	rVB2	1026452	1831213	16.78%	0.822%
16	4.807	271	273	275	rBV	547067	811936	7.44%	0.364%
17	4.841	275	276	278	rVB2	92076	114360	1.05%	0.051%
18	4.979	284	288	293	rBV5	328292	1269734	11.64%	0.570%
19	5.081	295	297	299	rBV2	742139	1294317	11.86%	0.581%
20	5.196	304	307	310	rBV3	323606	694609	6.37%	0.312%
21	5.253	310	312	313	rBV2	492074	708374	6.49%	0.318%
22	5.310	313	317	321	rVB	3445024	6235029	57.15%	2.799%
23	5.379	321	323	325	rBV	579447	1239155	11.36%	0.556%
24	5.436	325	328	331	rVB	3801690	5226696	47.91%	2.346%
25	5.481	331	332	334	rVB	231953	298914	2.74%	0.134%
26	5.539	334	337	340	rBV3	551923	1260311	11.55%	0.566%
27	5.687	343	350	352	rBV4	601808	1914622	17.55%	0.859%
28	5.744	352	355	358	rBV2	659340	1636118	15.00%	0.734%
29	5.801	358	360	363	rVB	1240006	1562834	14.32%	0.702%
30	5.870	363	366	368	rBV3	585575	1132546	10.38%	0.508%
31	5.904	368	369	371	rVB	330957	396391	3.63%	0.178%
32	5.962	371	374	376	rBV	3715335	6216613	56.98%	2.791%
33	6.087	381	385	386	rBV4	312252	770417	7.06%	0.346%
34	6.122	386	388	390	rVB2	935324	1075530	9.86%	0.483%

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35	6.167	390	392	393	rBV2	197583	354793	3.25%	0.159%
36	6.259	396	400	401	rBV4	302741	650078	5.96%	0.292%
37	6.293	401	403	406	rVB	1488793	2139462	19.61%	0.960%
38	6.362	406	409	411	rBV2	787801	1557112	14.27%	0.699%
39	6.407	411	413	416	rVB3	274222	568038	5.21%	0.255%
40	6.464	416	418	419	rBV	630380	1035580	9.49%	0.465%
41	6.499	419	421	423	rVB2	500971	775195	7.11%	0.348%
42	6.567	423	427	429	rVB2	2141989	4885054	44.77%	2.193%
43	6.613	429	431	433	rBV	593245	838860	7.69%	0.377%
44	6.647	433	434	435	rBV	360473	342309	3.14%	0.154%
45	6.716	435	440	443	rVB3	1001212	2773716	25.42%	1.245%
46	6.796	443	447	449	rBV4	758193	1947529	17.85%	0.874%
47	6.853	449	452	455	rVB2	1546966	2438995	22.35%	1.095%
48	6.922	455	458	460	rBV2	1948655	3929315	36.01%	1.764%
49	6.967	460	462	464	rVB	1095589	1519527	13.93%	0.682%
50	7.013	464	466	467	rBV	607118	1001795	9.18%	0.450%
51	7.104	470	474	478	rVB6	3015029	6427349	58.91%	2.885%
52	7.196	478	482	483	rBV3	433926	955403	8.76%	0.429%
53	7.253	484	487	491	rBV3	869876	2203721	20.20%	0.989%
54	7.345	491	495	499	rVB6	953093	3706522	33.97%	1.664%
55	7.447	499	504	505	rBV4	1047989	2762903	25.32%	1.240%
56	7.527	508	511	513	rBV3	626498	1088236	9.97%	0.489%
57	7.653	518	522	526	rBV4	2560099	8049867	73.78%	3.614%
58	7.756	529	531	535	rVB5	1705634	3693115	33.85%	1.658%
59	7.870	535	541	545	rBV	4522073	10910540	100.00%	4.898%
60	7.939	545	547	549	rVB3	1598633	2166102	19.85%	0.972%
61	8.019	549	554	556	rBV4	2333282	5545899	50.83%	2.490%
62	8.099	559	561	562	rVV	776571	974874	8.94%	0.438%
63	8.190	566	569	574	rBV3	1711197	3225509	29.56%	1.448%
64	8.282	574	577	579	rBV2	1969510	3975098	36.43%	1.784%
65	8.407	584	588	589	rBV3	1485114	3644395	33.40%	1.636%
66	8.453	589	592	596	rVB2	3312919	6293709	57.68%	2.825%
67	8.567	600	602	606	rVB4	1860520	4508212	41.32%	2.024%
68	8.693	606	613	615	rBV6	1982601	8471639	77.65%	3.803%
69	8.876	627	629	634	rVB4	1456864	2945558	27.00%	1.322%
70	8.956	634	636	637	rBV	1549190	2044353	18.74%	0.918%
71	9.185	654	656	658	rBV2	1047585	1607373	14.73%	0.722%

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72	9.425	671	677	679	rVB3	3919410	10678764	97.88%	4.794%
73	9.470	679	681	683	rVB2	968738	1539309	14.11%	0.691%
74	9.528	683	686	689	rBV2	2370329	4660517	42.72%	2.092%
75	10.122	736	738	740	rVV2	1264972	1971237	18.07%	0.885%
76	10.179	740	743	745	rVV2	3613616	5597989	51.31%	2.513%
77	10.259	748	750	753	rBV4	1230844	2269594	20.80%	1.019%
78	10.351	755	758	761	rVB	3852184	7362793	67.48%	3.305%
79	11.036	815	818	822	rVB3	2148433	4770533	43.72%	2.141%
80	11.151	826	828	831	rBV3	1354838	2955288	27.09%	1.327%
81	11.688	873	875	878	rVB	2232912	3590804	32.91%	1.612%
82	12.134	910	914	917	rBV2	4307851	8387492	76.88%	3.765%
83	12.876	976	979	982	rBV	2549101	4303194	39.44%	1.932%
84	15.482	1204	1207	1212	rVB	2057413	3784632	34.69%	1.699%
85	17.037	1341	1343	1349	rVB	656709	1062203	9.74%	0.477%
86	18.660	1483	1485	1491	rVB	640394	986593	9.04%	0.443%

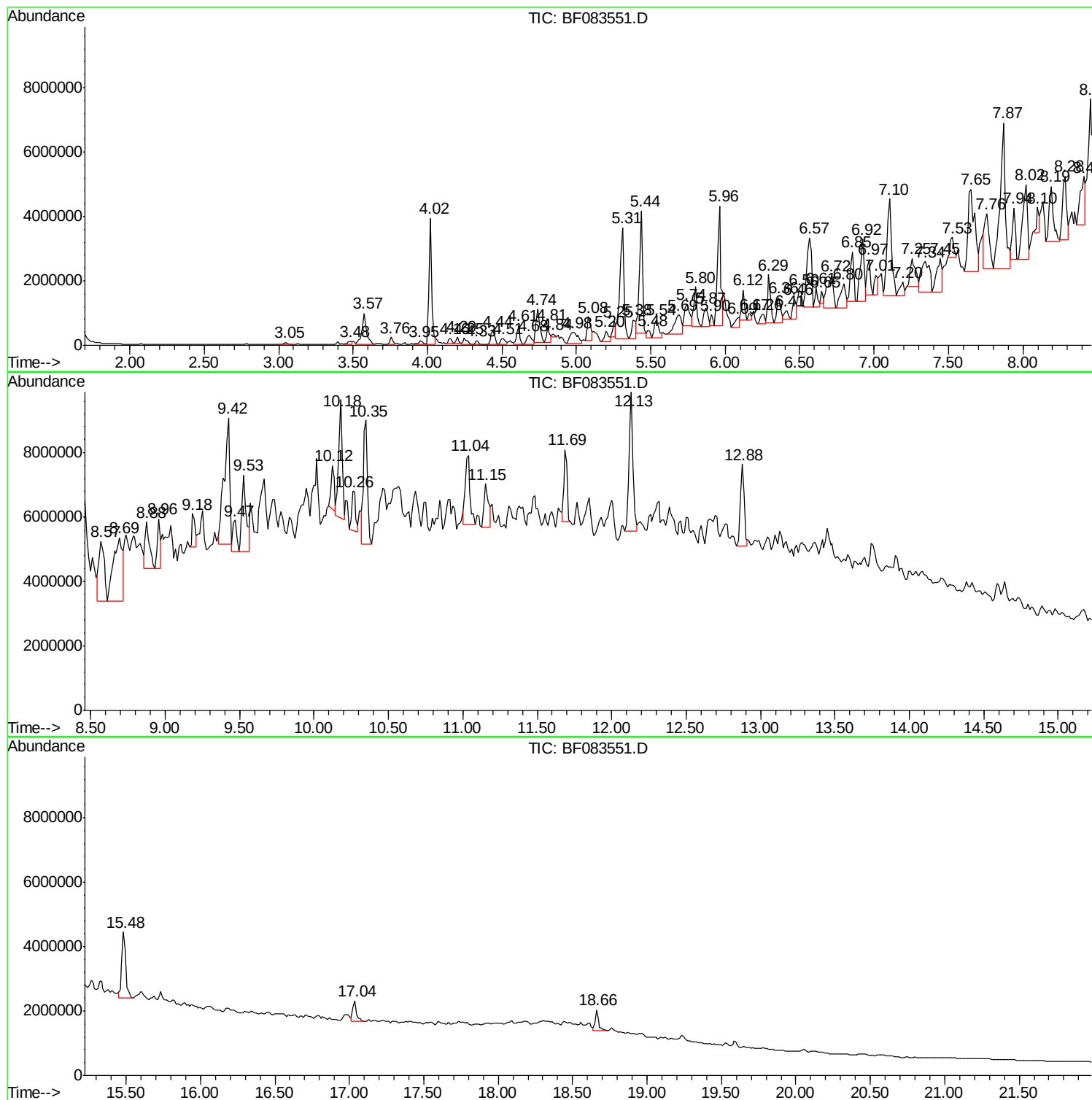
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ClientSampled :
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF120415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120615\
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Sample : G4594-09
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Instrument :
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ClientSampleId :
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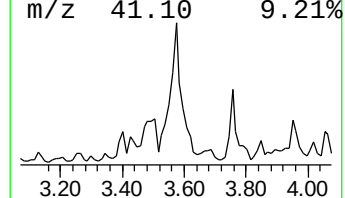
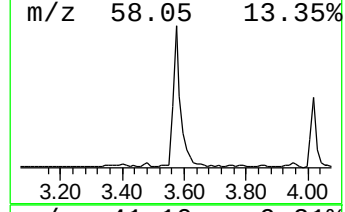
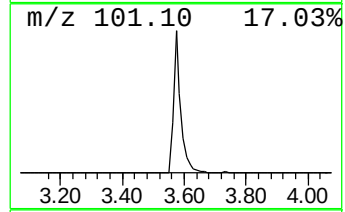
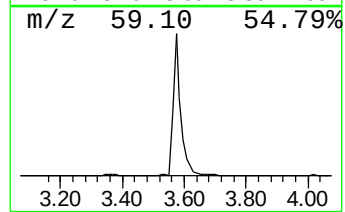
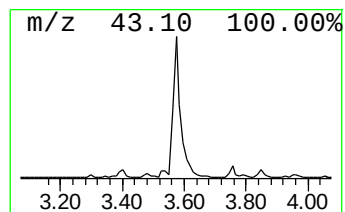
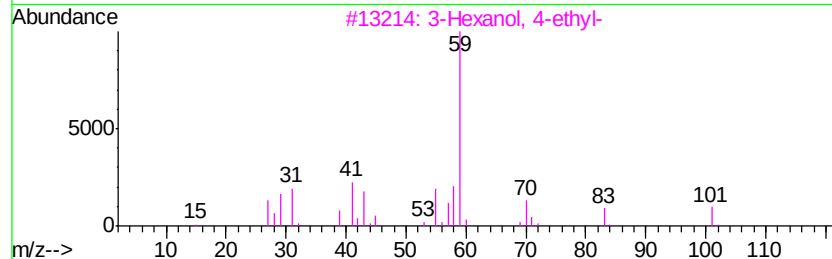
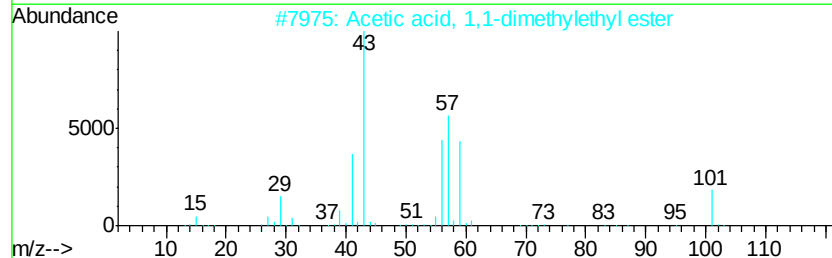
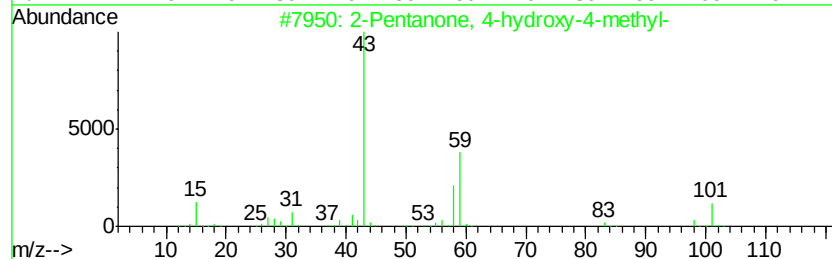
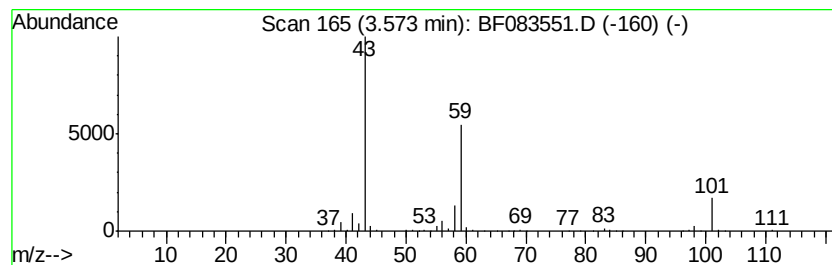
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF120415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.57	23.83 ng	1949810	1,4-Dichlorobenzene-d4	5.74

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		3-Hexanol, 4-ethyl-	130	C8H18O	019780-44-0	33
4		Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	32
5		4-Hydroxy-3-hexanone	116	C6H12O2	004984-85-4	25



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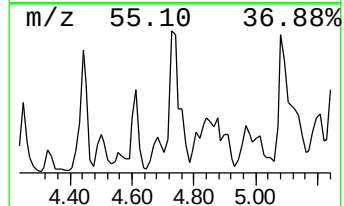
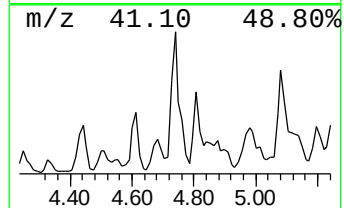
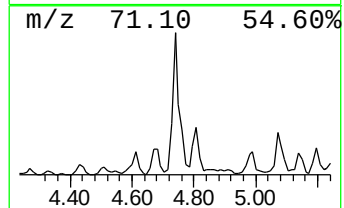
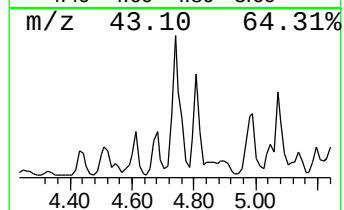
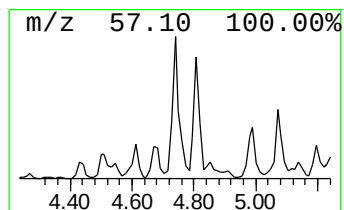
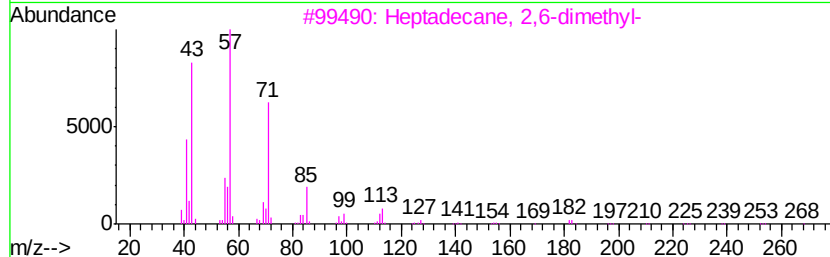
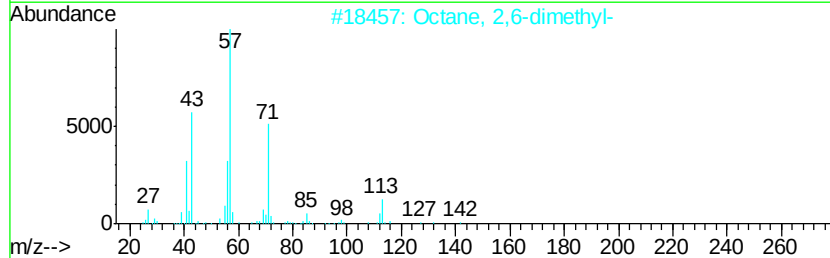
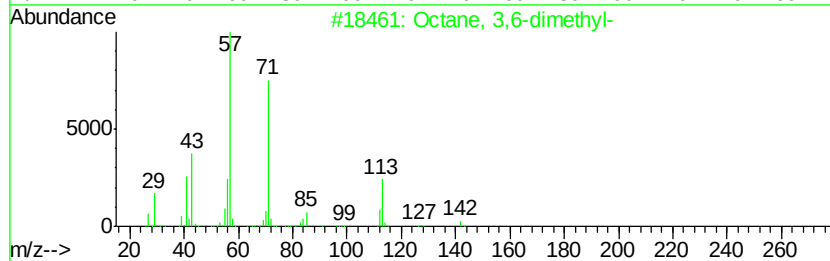
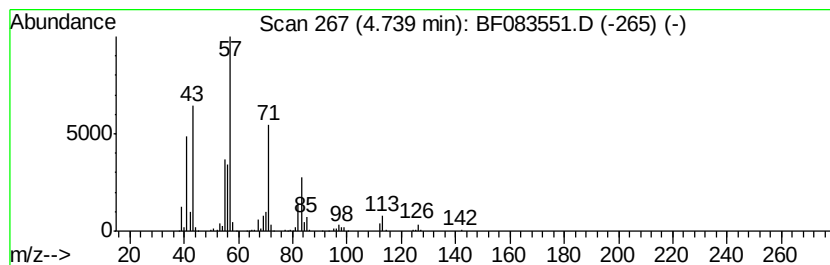
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Octane, 3,6-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.74	22.38 ng	1831210	1,4-Dichlorobenzene-d4	5.74

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	58
2		Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	53
3		Heptadecane, 2,6-dimethyl-	268	C19H40	054105-67-8	47
4		Octane, 2,3,7-trimethyl-	156	C11H24	062016-34-6	47
5		Butane, 2,2-dimethyl-	86	C6H14	000075-83-2	47



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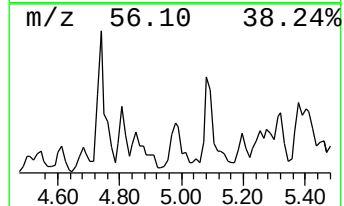
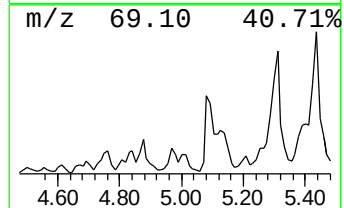
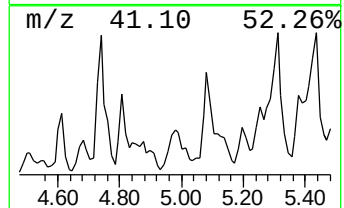
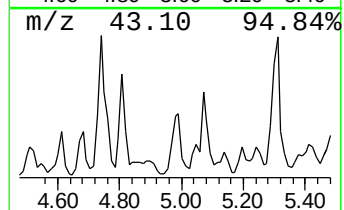
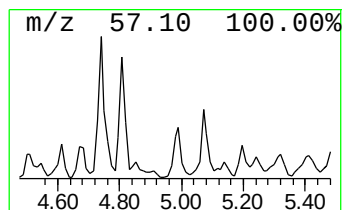
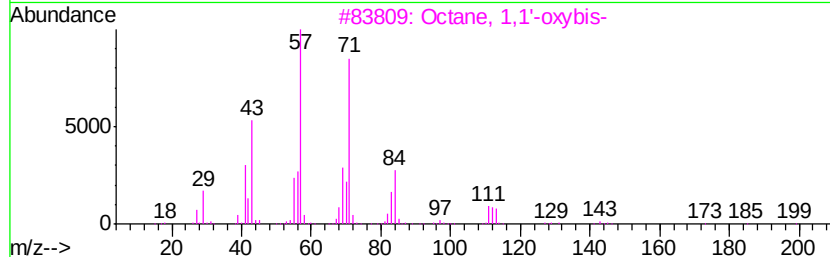
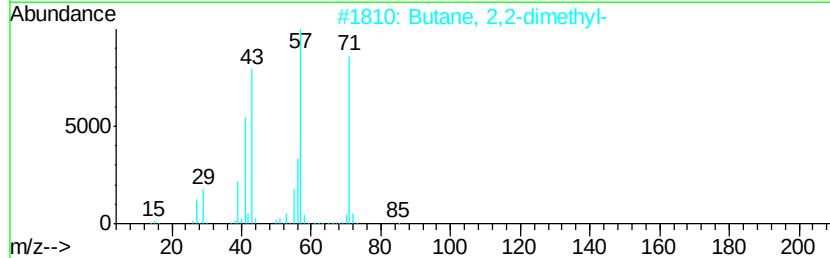
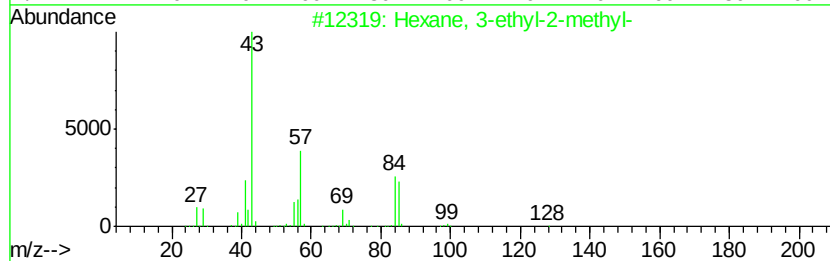
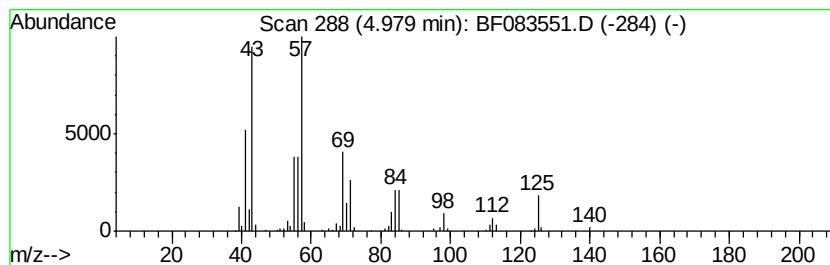
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 unknown4.98 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.98	15.52 ng	1269730	1,4-Dichlorobenzene-d4	5.74

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexane, 3-ethyl-2-methyl-	128	C9H20	016789-46-1	43
2		Butane, 2,2-dimethyl-	86	C6H14	000075-83-2	38
3		Octane, 1,1'-oxybis-	242	C16H34O	000629-82-3	38
4		1-Propene, 1-(2-propenyloxy)-, (E)-	98	C6H10O	061142-13-0	30
5		Nonane	128	C9H20	000111-84-2	27



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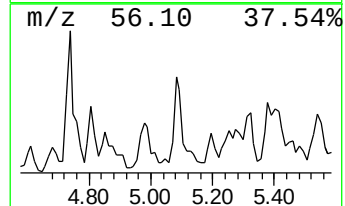
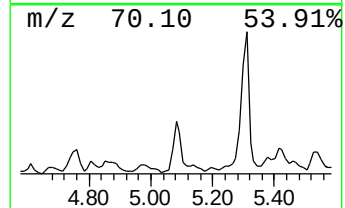
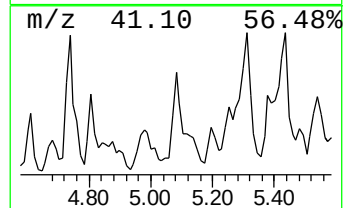
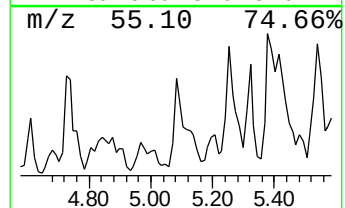
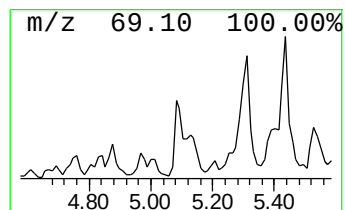
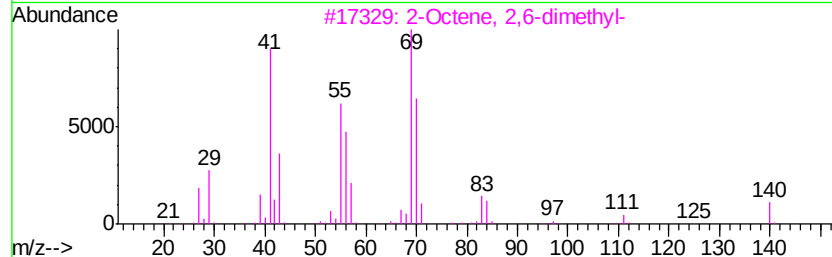
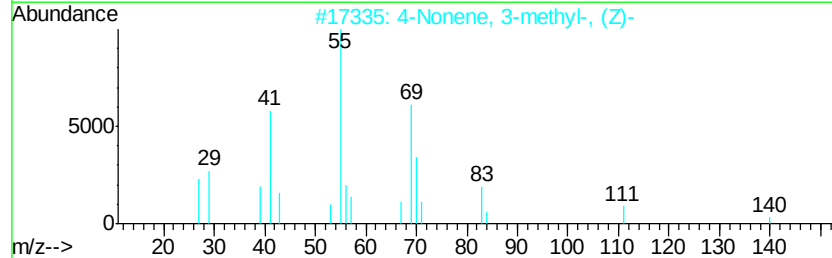
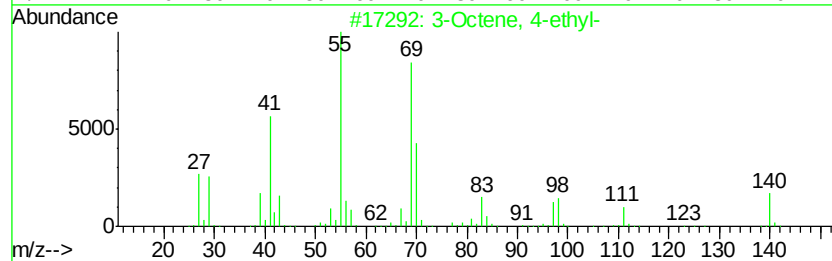
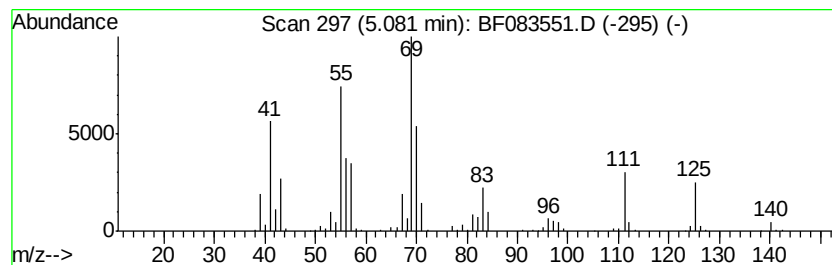
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 3-Octene, 4-ethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.08	15.82 ng	1294320	1,4-Dichlorobenzene-d4	5.74

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Octene, 4-ethyl-		140	C10H20	053966-51-1	72
2	4-Nonene, 3-methyl-, (Z)-		140	C10H20	063830-69-3	64
3	2-Octene, 2,6-dimethyl-		140	C10H20	004057-42-5	53
4	Cyclohexane, 1,1,2,3-tetramethyl-		140	C10H20	006783-92-2	50
5	4-Methyl-2-heptene		112	C8H16	003404-56-6	43



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120615\
Data File : BF083551.D
Acq On : 7 Dec 2015 9:18
Operator : UM/IZ
Sample : G4594-09
Misc :
ALS Vial : 62 Sample Multiplier: 1

Instrument :
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ClientSampled :
K209-8-10

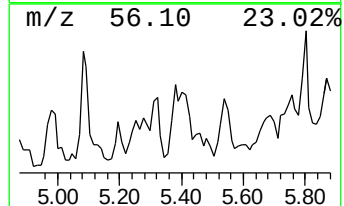
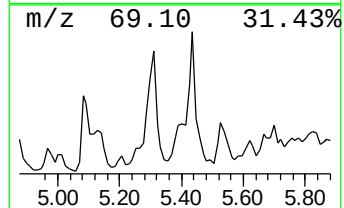
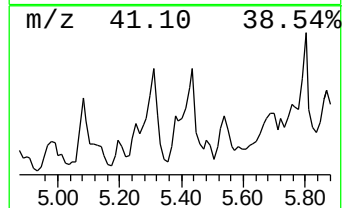
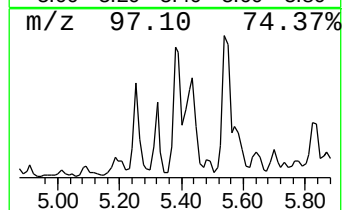
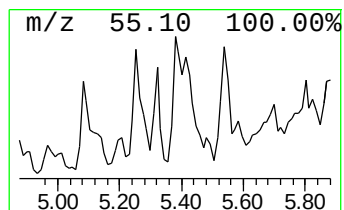
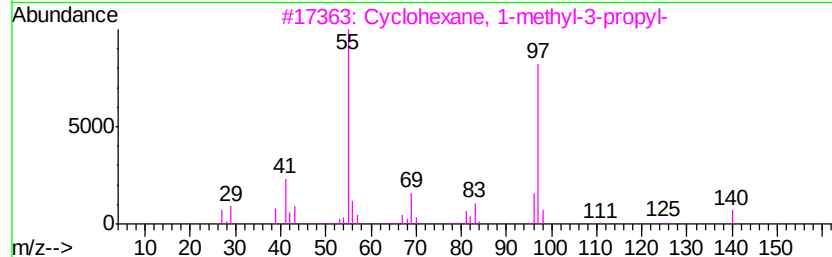
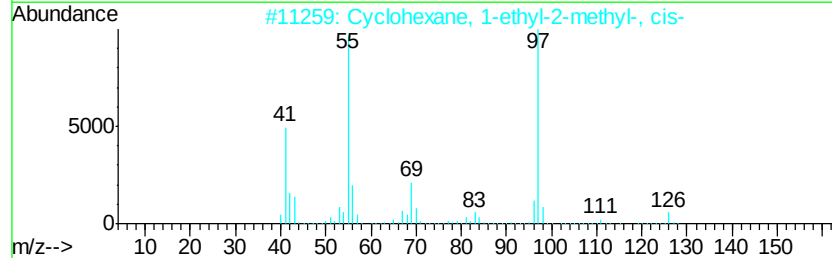
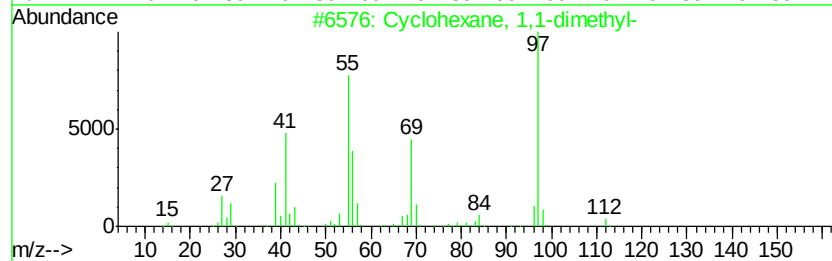
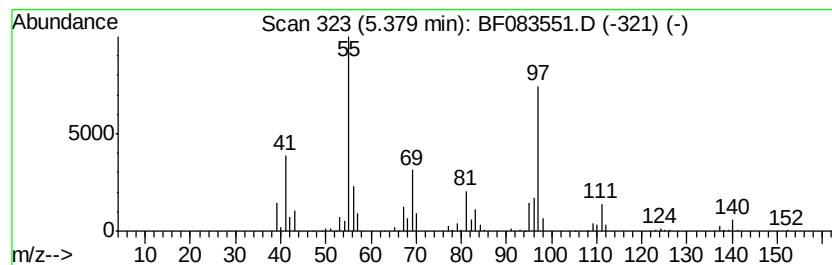
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.38	15.15 ng	1239160	1,4-Dichlorobenzene-d4	5.74

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, 1,1-dimethyl-	112	C8H16	000590-66-9	70
2		Cyclohexane, 1-ethyl-2-methyl-, ...	126	C9H18	004923-77-7	59
3		Cyclohexane, 1-methyl-3-propyl-	140	C10H20	004291-80-9	58
4		Cyclohexane, 1-methyl-2-propyl-	140	C10H20	004291-79-6	58
5		Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	004926-78-7	53



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120615\
Data File : BF083551.D
Acq On : 7 Dec 2015 9:18
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ClientSampleId :
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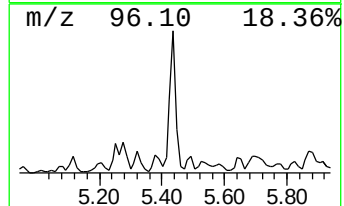
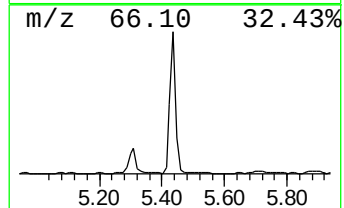
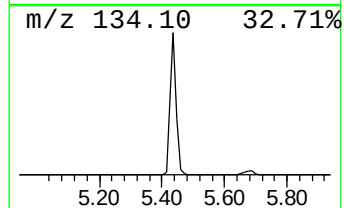
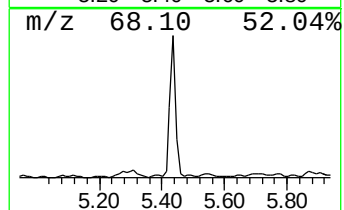
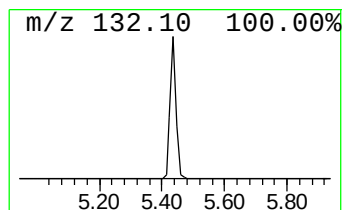
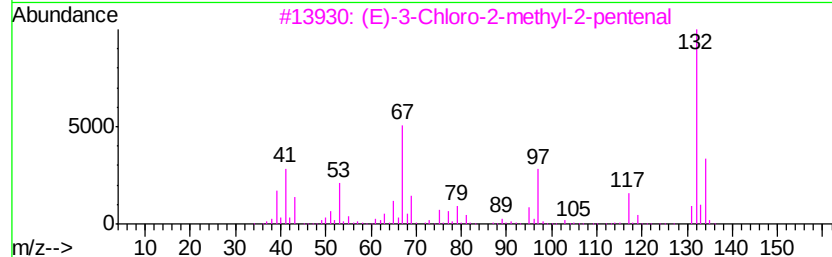
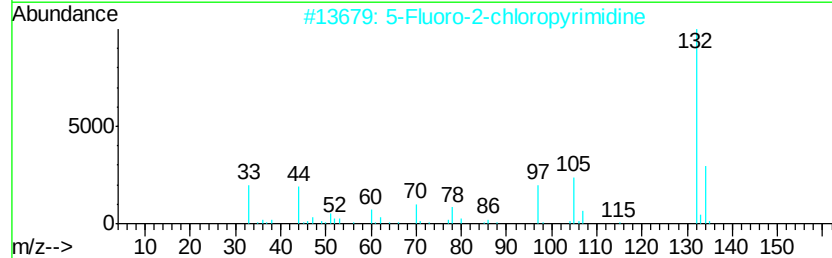
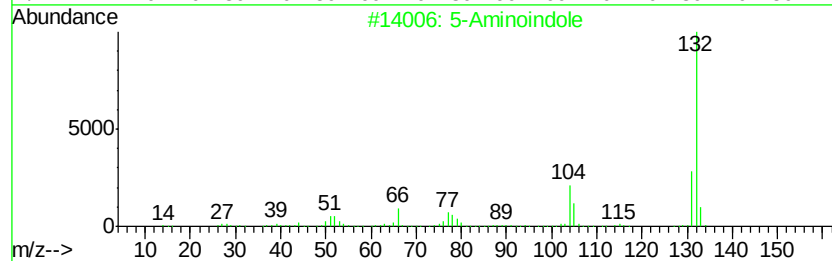
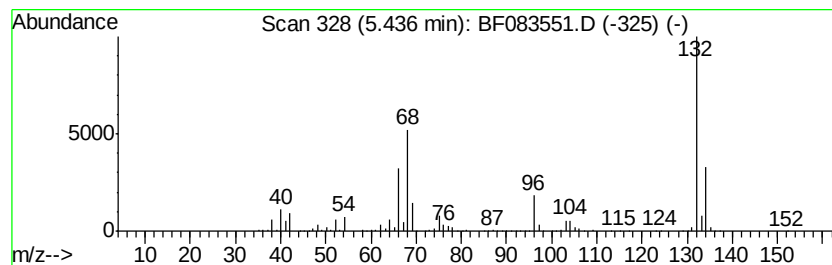
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 unknown5.44 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.44	63.89 ng	5226700	1,4-Dichlorobenzene-d4	5.74

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	5-Aminoindole	132	C8H8N2	005192-03-0	27
2		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
3		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	16
4		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
5		(5-METHYL-2-PYRIDYL)ACETONITRILE	132	C8H8N2	1000241-93-9	10



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120615\
Data File : BF083551.D
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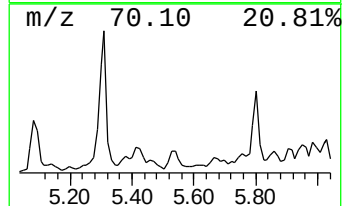
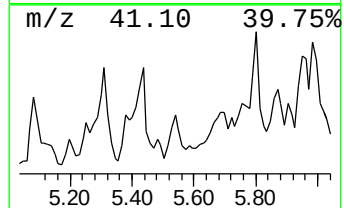
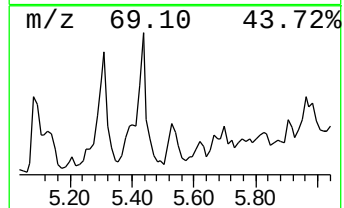
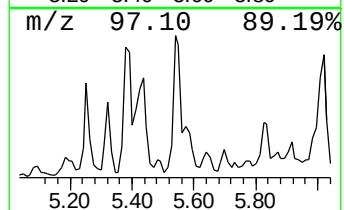
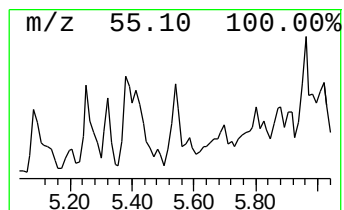
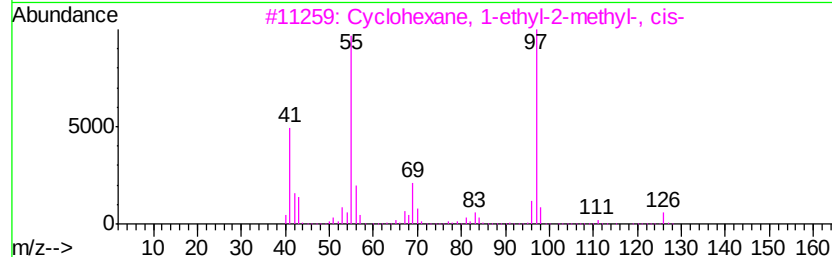
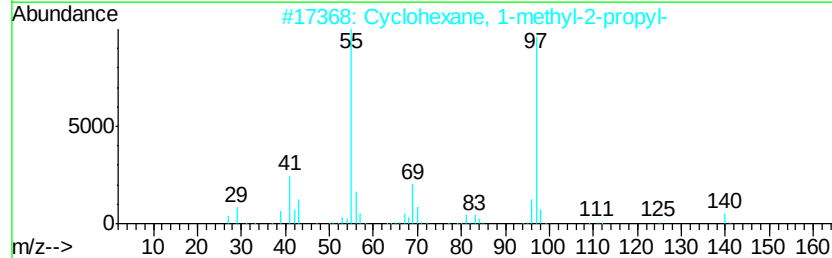
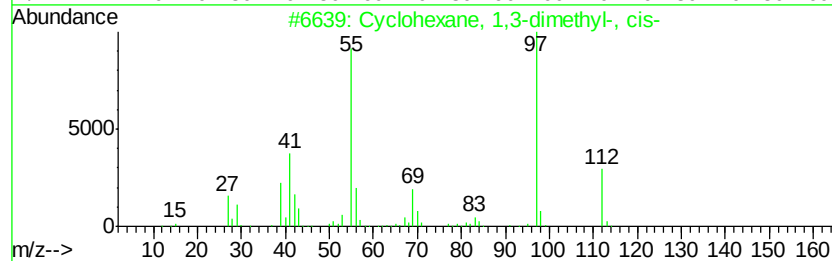
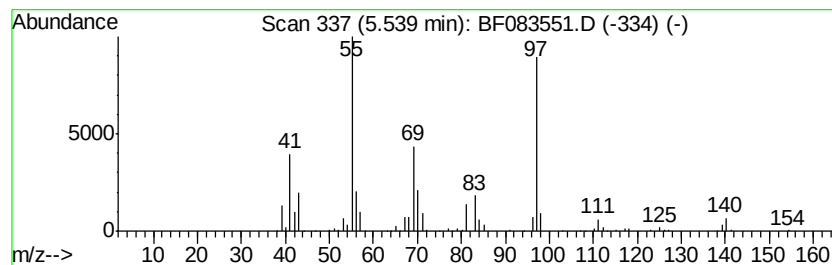
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Cyclohexane, 1,3-dimethyl-,... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.54	15.41 ng	1260310	1,4-Dichlorobenzene-d4	5.74

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, 1,3-dimethyl-, cis-	112	C8H16	000638-04-0	72
2		Cyclohexane, 1-methyl-2-propyl-	140	C10H20	004291-79-6	72
3		Cyclohexane, 1-ethyl-2-methyl-, ...	126	C9H18	004923-77-7	64
4		Cyclohexane, 1-methyl-3-propyl-	140	C10H20	004291-80-9	58
5		Cycloheptane, bromo-	176	C7H13Br	002404-35-5	50



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120615\
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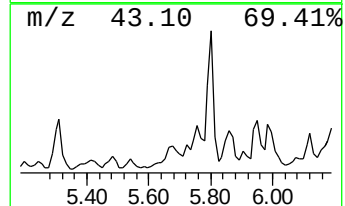
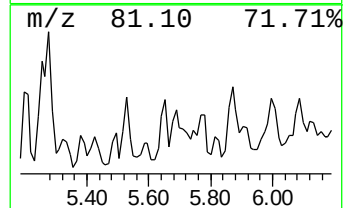
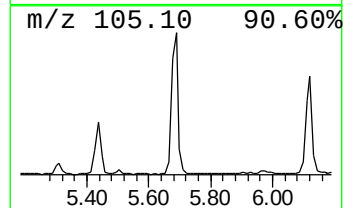
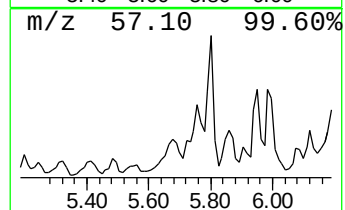
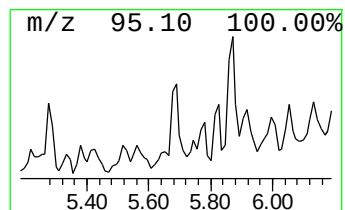
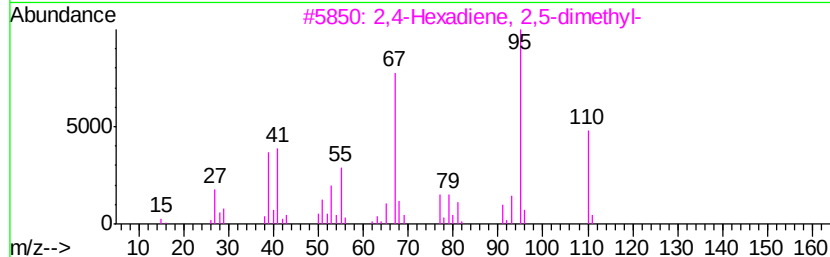
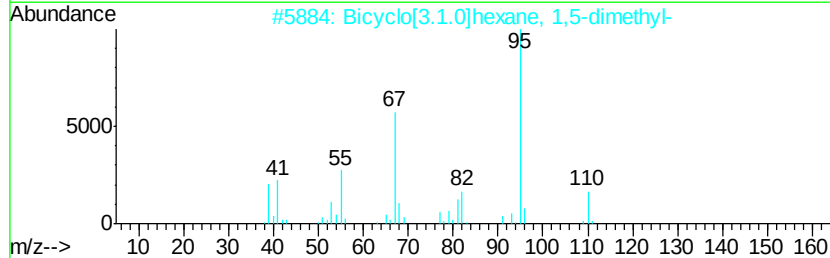
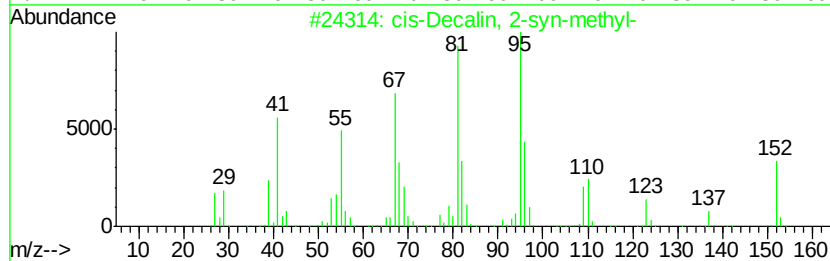
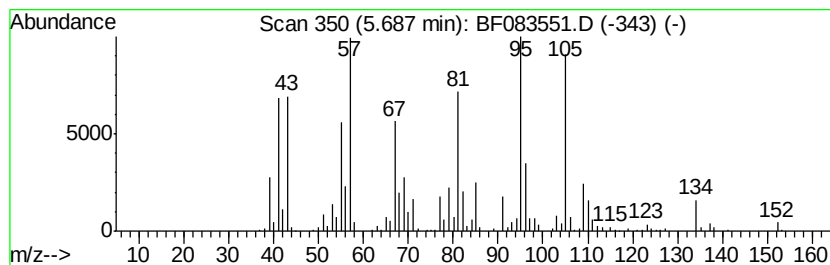
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 cis-Decalin, 2-syn-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.69	23.40 ng	1914620	1,4-Dichlorobenzene-d4	5.74
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		cis-Decalin, 2-syn-methyl-	152 C11H20	1000155-85-6 50
2		Bicyclo[3.1.0]hexane, 1,5-dimethyl-	110 C8H14	1000142-17-5 49
3		2,4-Hexadiene, 2,5-dimethyl-	110 C8H14	000764-13-6 46
4		1,4-Pentadiene, 2,3,3-trimethyl-	110 C8H14	000756-02-5 43
5		Bicyclo[3.1.0]hexan-3-one, 4-met...	152 C10H16O	001125-12-8 41



Data Path : Z:\HPCHEM1\BNA F\DATA\BF120615\
Data File : BF083551.D
Acq On : 7 Dec 2015 9:18
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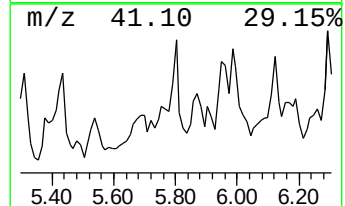
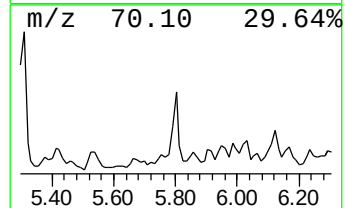
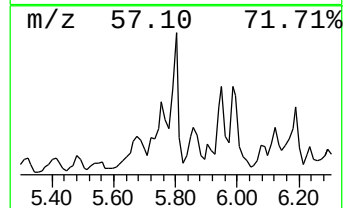
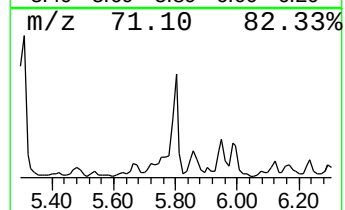
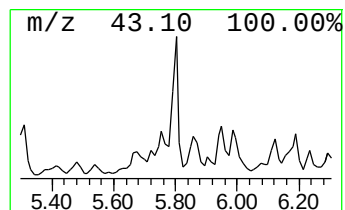
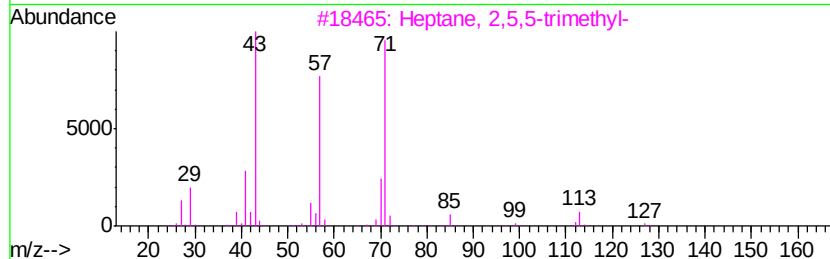
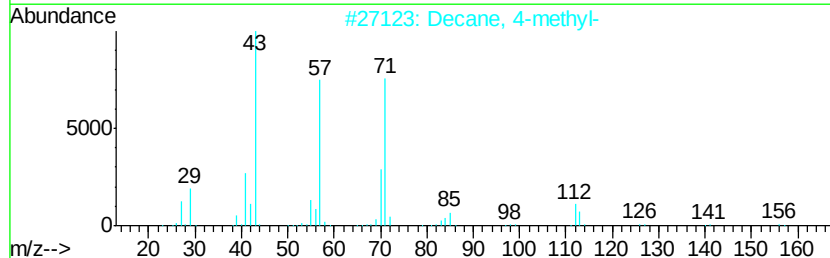
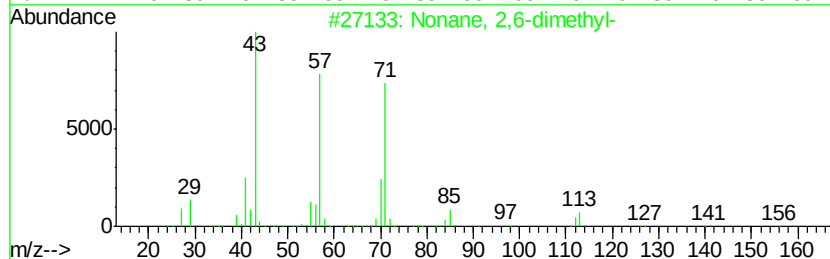
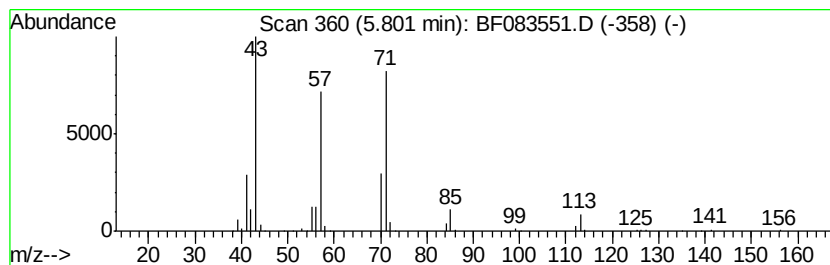
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Nonane, 2,6-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.80	19.10 ng	1562830	1,4-Dichlorobenzene-d4	5.74

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Nonane, 2,6-dimethyl-	156	C11H24	017302-28-2	91
2		Decane, 4-methyl-	156	C11H24	002847-72-5	83
3		Heptane, 2,5,5-trimethyl-	142	C10H22	001189-99-7	83
4		Nonane, 2,3-dimethyl-	156	C11H24	002884-06-2	72
5		Hexane, 3,3,4,4-tetramethyl-	142	C10H22	005171-84-6	72



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120615\
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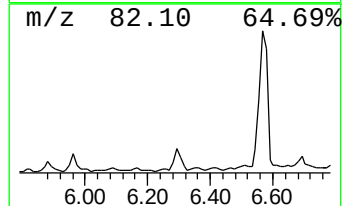
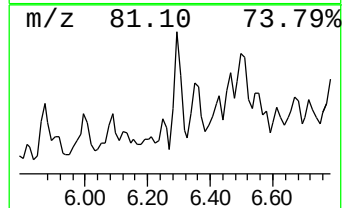
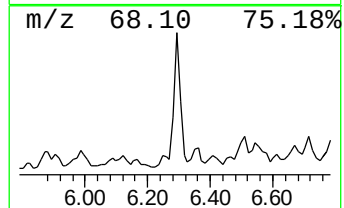
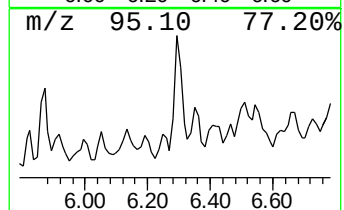
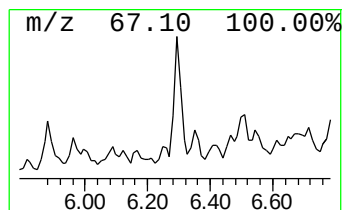
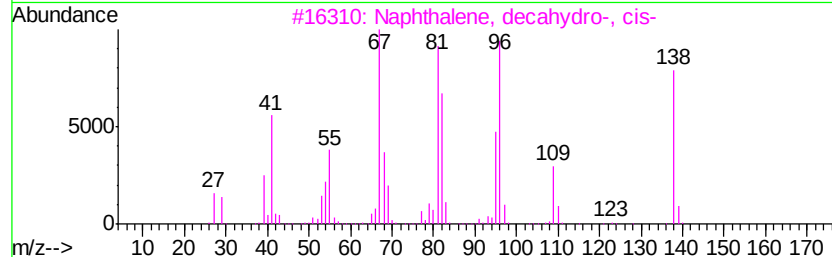
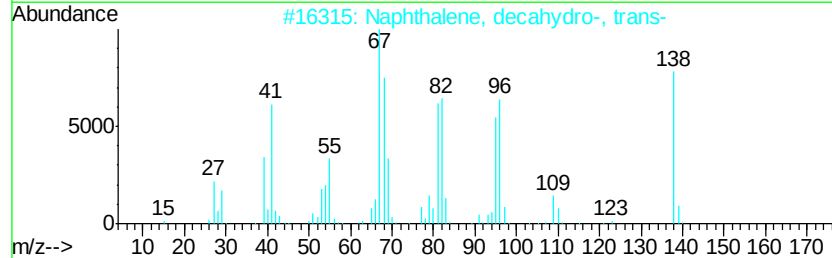
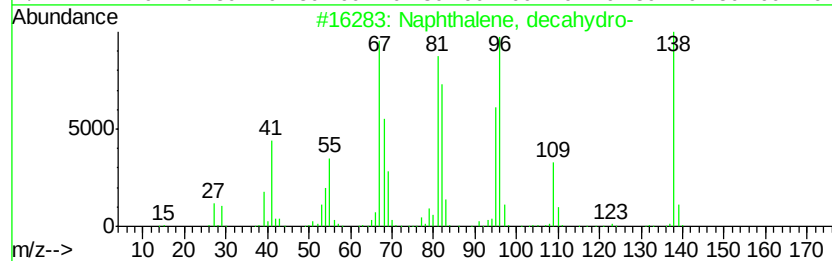
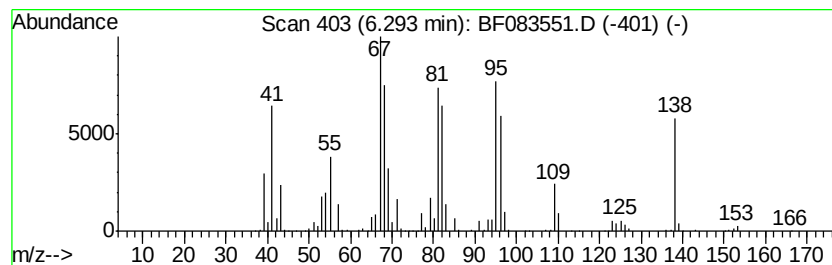
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Naphthalene, decahydro- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.29	26.15 ng	2139460	1,4-Dichlorobenzene-d4	5.74

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, decahydro-	138	C10H18	000091-17-8	90
2		Naphthalene, decahydro-, trans-	138	C10H18	000493-02-7	86
3		Naphthalene, decahydro-, cis-	138	C10H18	000493-01-6	83
4		Cyclohexane, 1-methyl-3-(1-methy...	138	C10H18	024399-15-3	80
5		Cyclodecene	138	C10H18	003618-12-0	74



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Misc :
ALS Vial : 62 Sample Multiplier: 1

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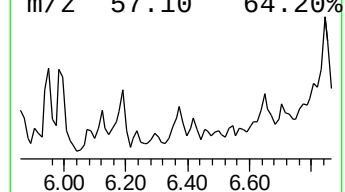
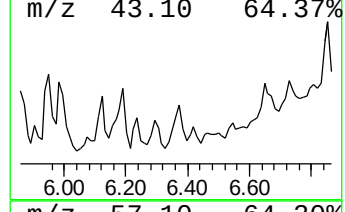
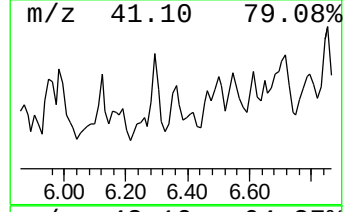
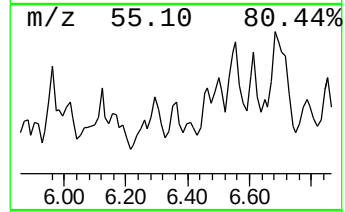
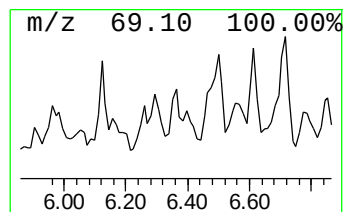
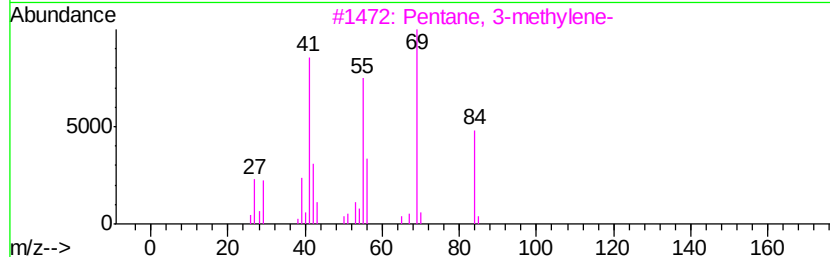
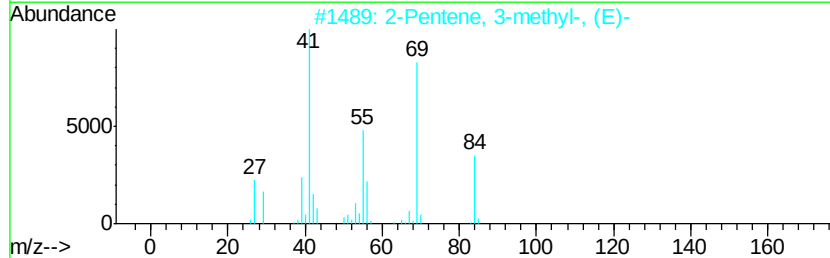
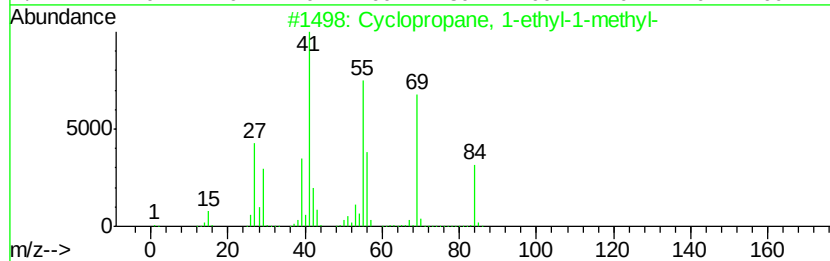
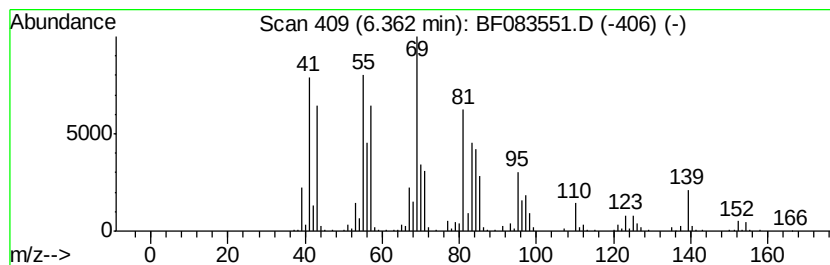
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 unknown6.36 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.36	19.03 ng	1557110	1,4-Dichlorobenzene-d4	5.74

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopropane, 1-ethyl-1-methyl-	84	C6H12	053778-43-1	46
2			2-Pentene, 3-methyl-, (E)-	84	C6H12	000616-12-6	43
3			Pentane, 3-methylene-	84	C6H12	000760-21-4	43
4			2-Butene, 2,3-dimethyl-	84	C6H12	000563-79-1	38
5			2-Nonen-4-one	140	C9H16O	032064-72-5	38



Data Path : Z:\HPCHEM1\BNA F\DATA\BF120615\
Data File : BF083551.D
Acq On : 7 Dec 2015 9:18
Operator : UM/IZ
Sample : G4594-09
Misc :
ALS Vial : 62 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
K209-8-10

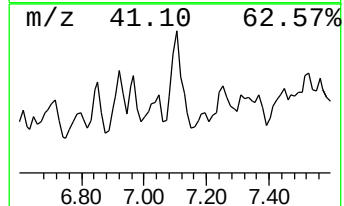
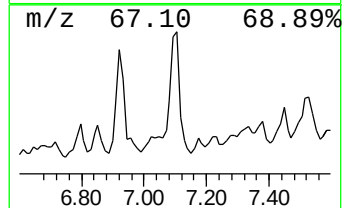
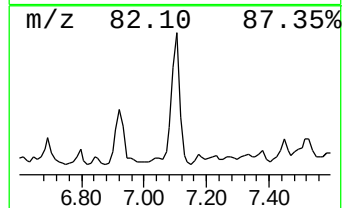
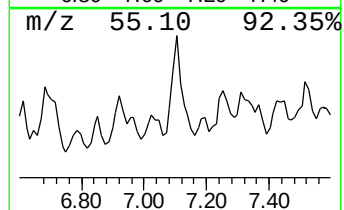
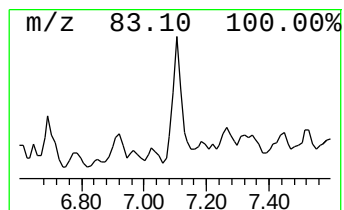
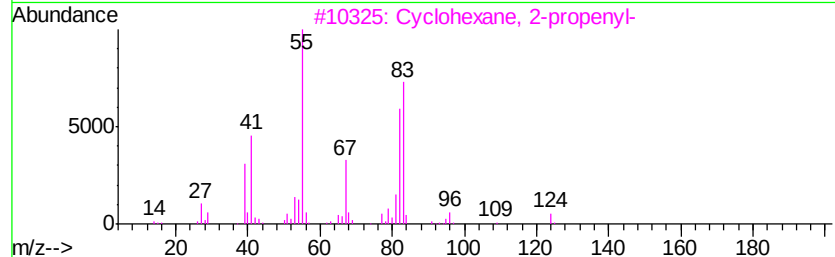
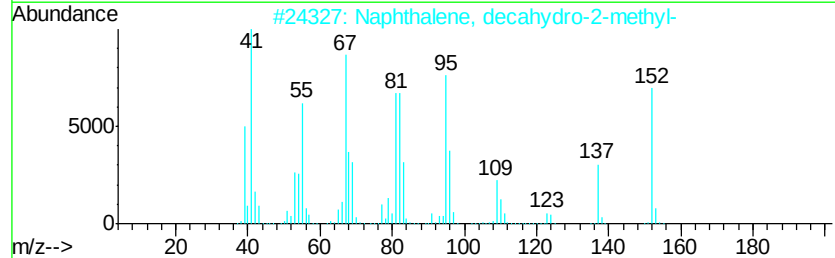
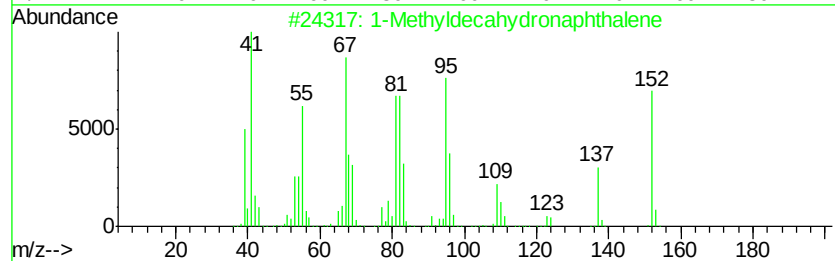
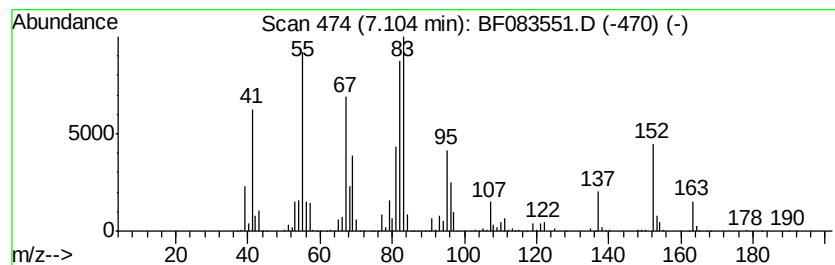
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 1-Methyldecahydronaphthalene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.10	15.97 ng	6427350	Naphthalene-d8	7.65

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Methyldecahydronaphthalene	152	C11H20	002958-75-0	70
2			Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	70
3			Cyclohexane, 2-propenyl-	124	C9H16	002114-42-3	47
4			n-Pentadecylcyclohexane	294	C21H42	006006-95-7	38
5			1H-Pyrrole, 2,3-dihydro-1-methyl-	83	C5H9N	033838-11-8	38



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120615\
Data File : BF083551.D
Acq On : 7 Dec 2015 9:18
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Sample : G4594-09
Misc :
ALS Vial : 62 Sample Multiplier: 1

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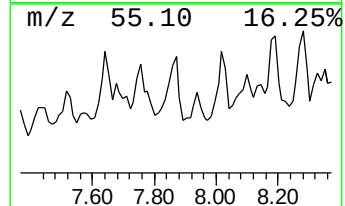
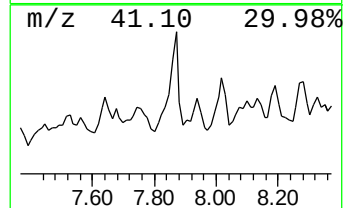
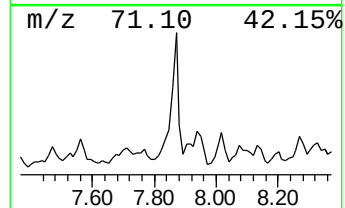
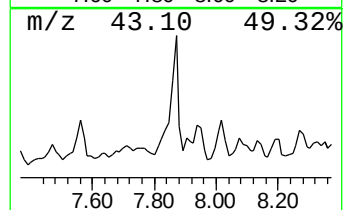
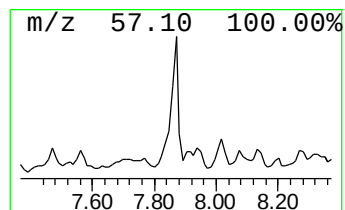
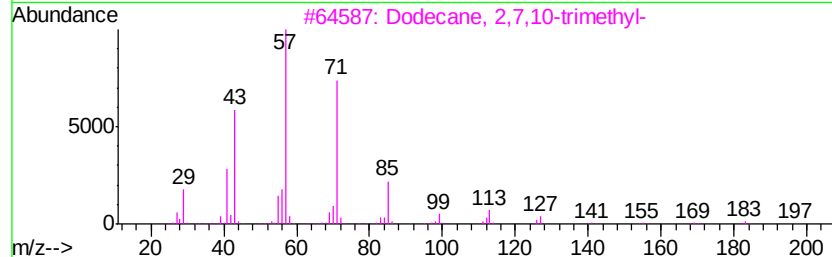
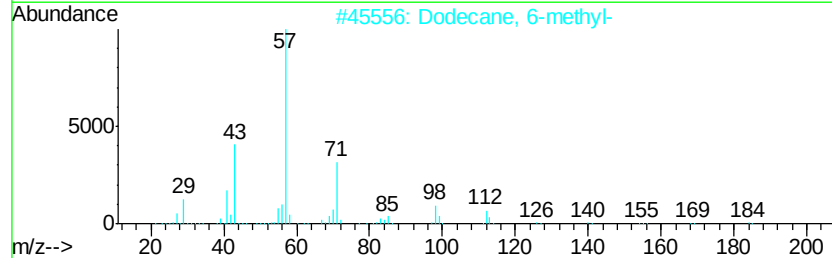
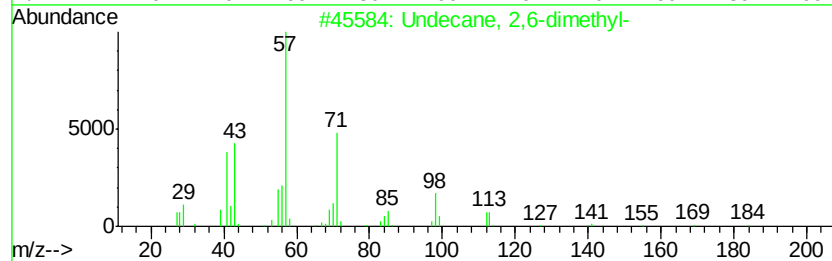
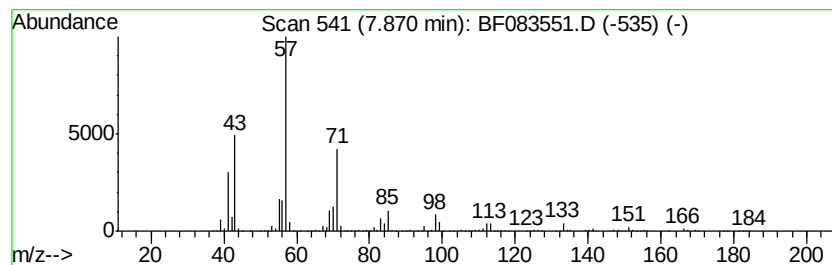
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Undecane, 2,6-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.87	27.11 ng	10910500	Napthalene-d8	7.65

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	78
2		Dodecane, 6-methyl-	184	C13H28	006044-71-9	72
3		Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	64
4		Undecane, 4,6-dimethyl-	184	C13H28	017312-82-2	64
5		Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	59



Data Path : Z:\HPCHEM1\BNA F\DATA\BF120615\
Data File : BF083551.D
Acq On : 7 Dec 2015 9:18
Operator : UM/IZ
Sample : G4594-09
Misc :
ALS Vial : 62 Sample Multiplier: 1

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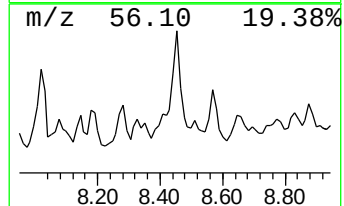
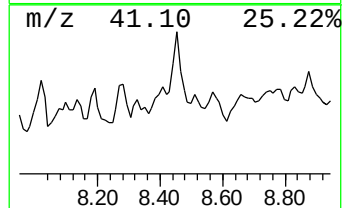
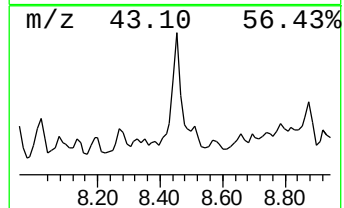
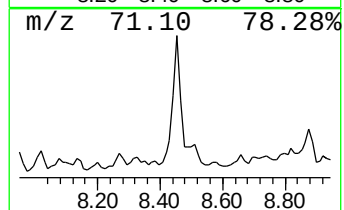
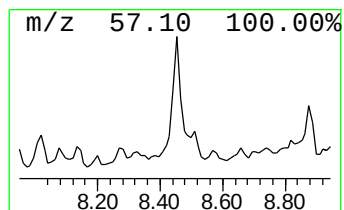
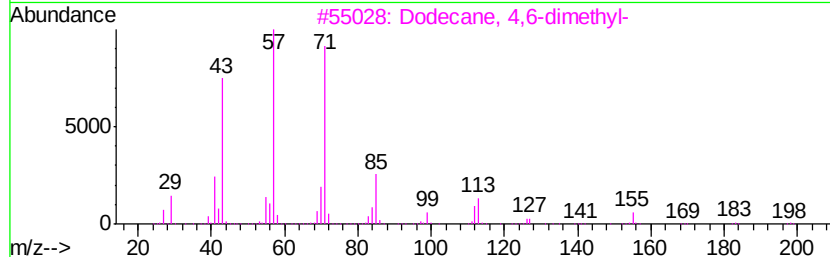
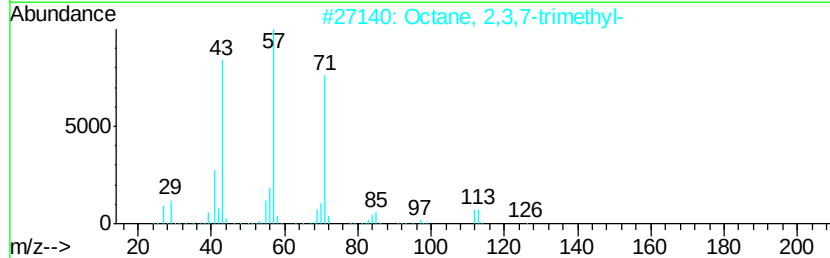
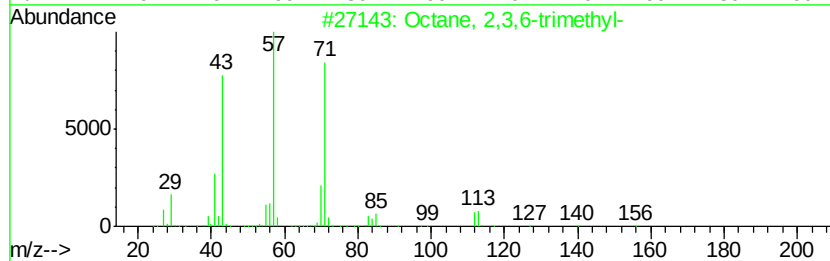
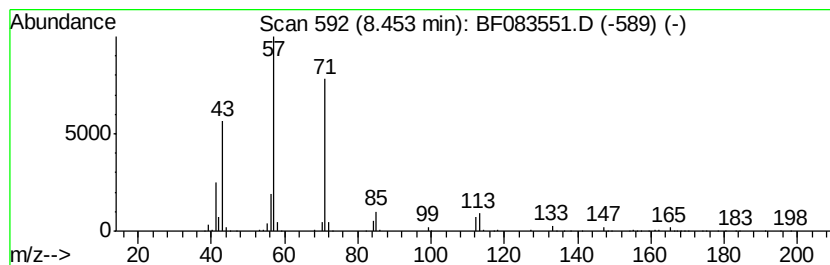
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Octane, 2,3,6-trimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.45	15.64 ng	6293710	Napthalene-d8	7.65

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octane, 2,3,6-trimethyl-	156	C11H24	062016-33-5	78
2			Octane, 2,3,7-trimethyl-	156	C11H24	062016-34-6	74
3			Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	72
4			Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	64
5			Octane, 3-ethyl-	142	C10H22	005881-17-4	59



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120615\
Data File : BF083551.D
Acq On : 7 Dec 2015 9:18
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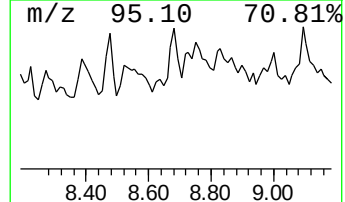
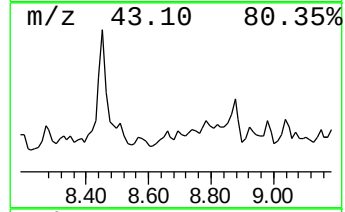
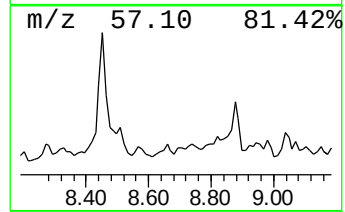
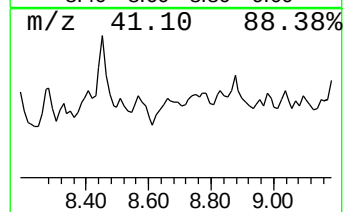
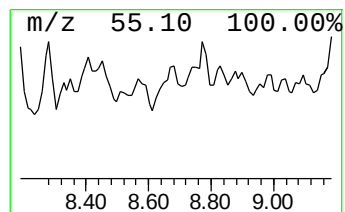
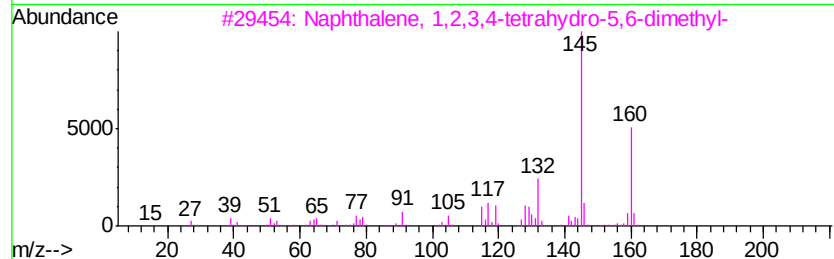
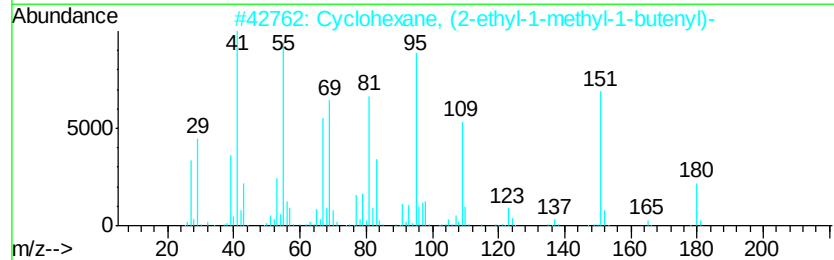
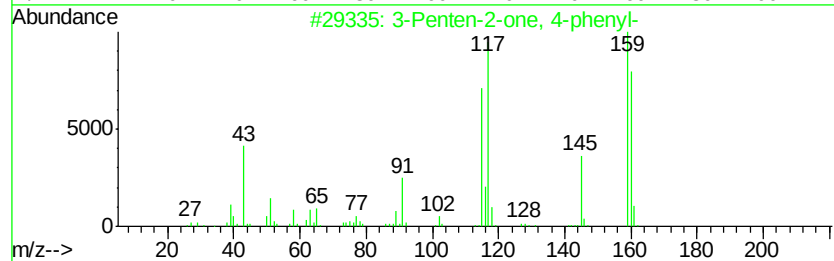
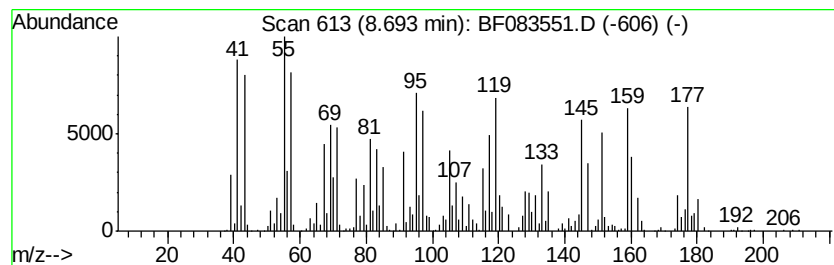
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 unknown8.69 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.69	21.05 ng	8471640	Naphthalene-d8	7.65

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Penten-2-one, 4-phenyl-	160	C11H12O	000827-69-0	20
2		Cyclohexane, (2-ethyl-1-methyl-1-but-1-en-1-yl)-	180	C13H24	074810-42-7	15
3		Naphthalene, 1,2,3,4-tetrahydro-	160	C12H16	020027-77-4	12
4		Ethanone, 1-cyclopropyl-2-phenyl-	160	C11H12O	014113-94-1	11
5		Cyclohexane, (2-ethyl-1-methylbut-1-en-1-yl)-	180	C13H24	074810-41-6	11



Data Path : Z:\HPCHEM1\BNA F\DATA\BF120615\
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Operator : UM/IZ
Sample : G4594-09
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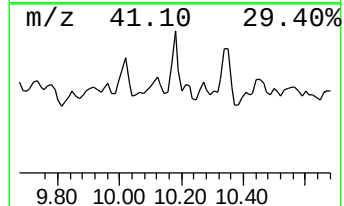
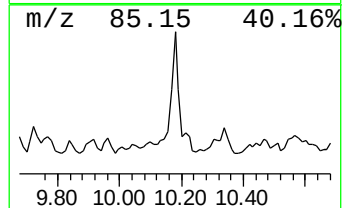
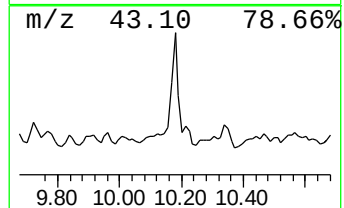
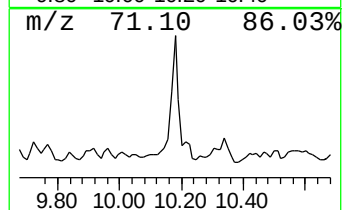
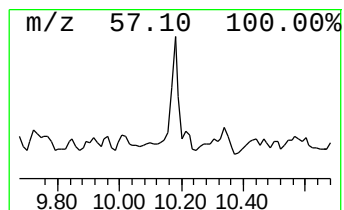
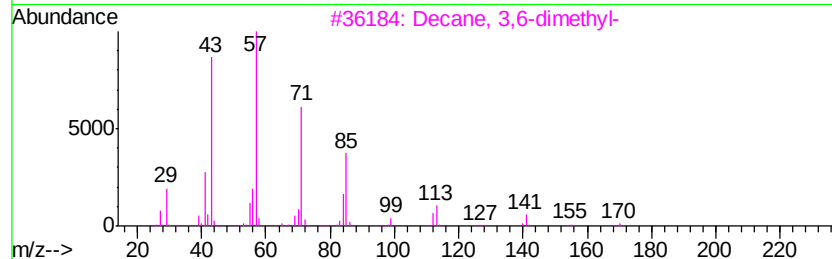
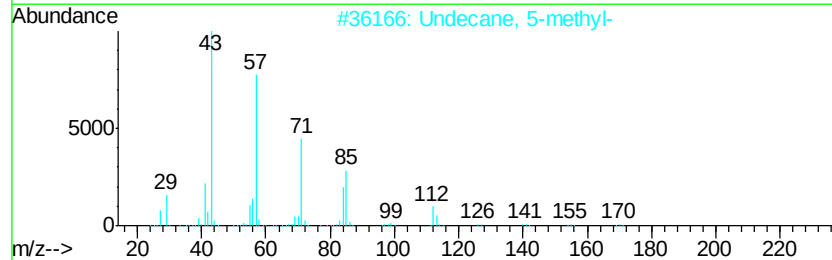
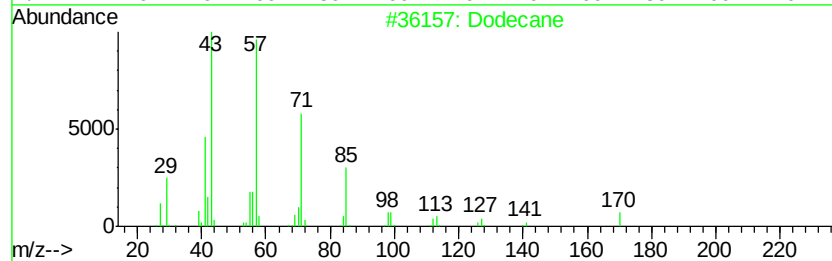
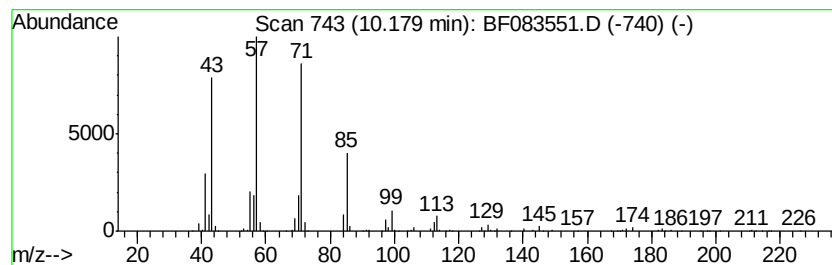
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Dodecane Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.18	15.21 ng	5597990	Acenaphthene-d10	10.48
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Dodecane	170 C12H26	000112-40-3	87
2	Undecane, 5-methyl-	170 C12H26	001632-70-8	83
3	Decane, 3,6-dimethyl-	170 C12H26	017312-53-7	83
4	Tetradecane	198 C14H30	000629-59-4	83
5	Undecane, 2-methyl-	170 C12H26	007045-71-8	80



Data Path : Z:\HPCHEM1\BNA F\DATA\BF120615\
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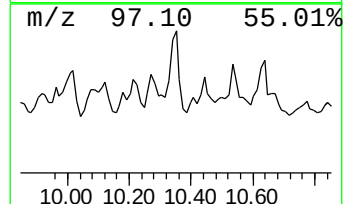
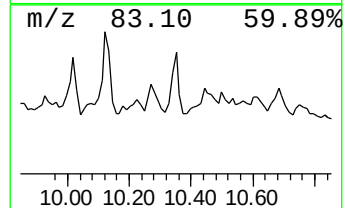
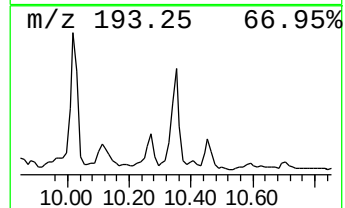
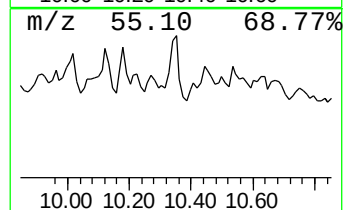
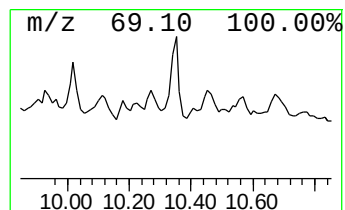
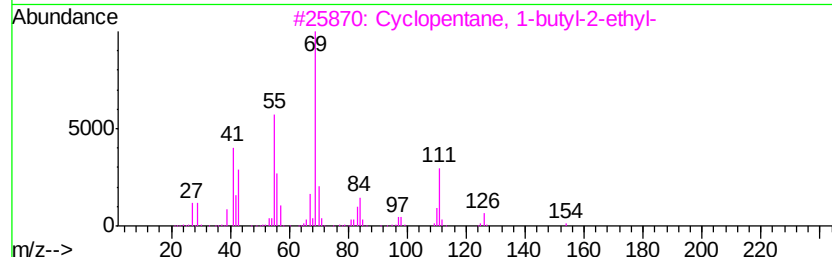
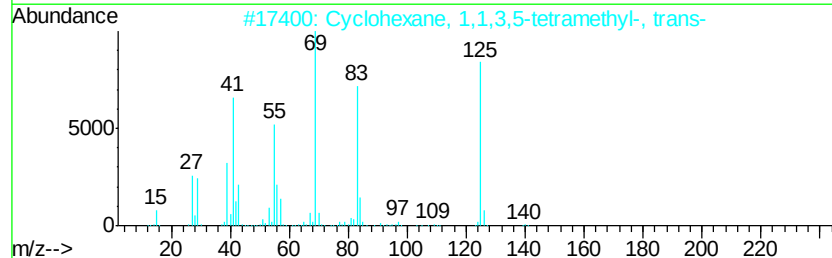
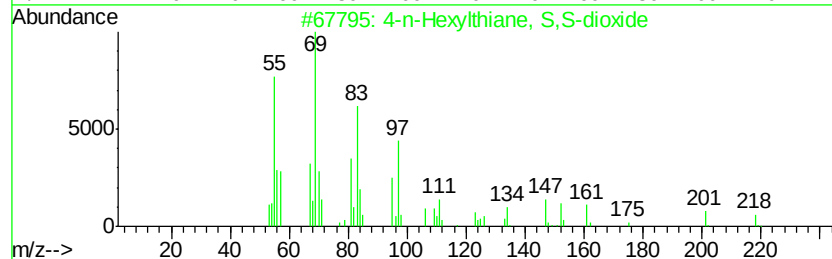
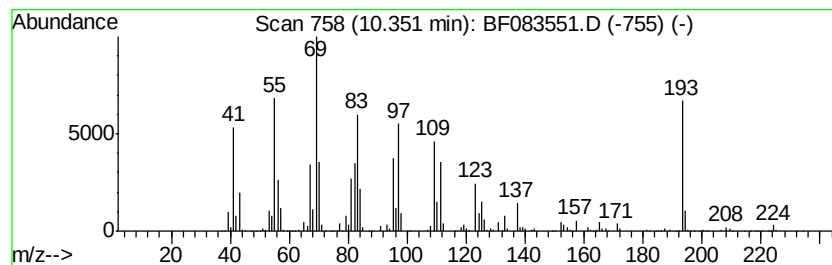
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 unknown10.35 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.35	20.00 ng	7362790	Acenaphthene-d10	10.48
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	4-n-Hexylthiane, S,S-dioxide	218	C11H22O2S	070928-52-8 49
2	Cyclohexane, 1,1,3,5-tetramethyl...	140	C10H20	050876-31-8 27
3	Cyclopentane, 1-butyl-2-ethyl-	154	C11H22	072993-32-9 25
4	2,6-Octadienal, 3,7-dimethyl-	152	C10H16O	005392-40-5 25
5	1-Pentyne, 3-methyl-3-(1-methyle...	140	C9H16O	053966-55-5 22



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Acq On : 7 Dec 2015 9:18
Operator : UM/IZ
Sample : G4594-09
Misc :
ALS Vial : 62 Sample Multiplier: 1

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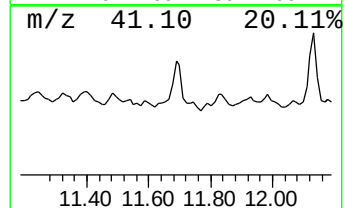
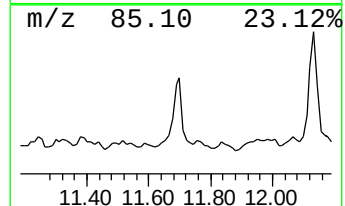
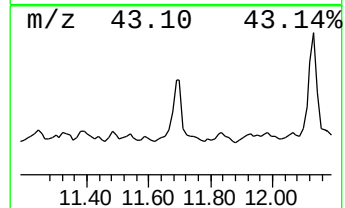
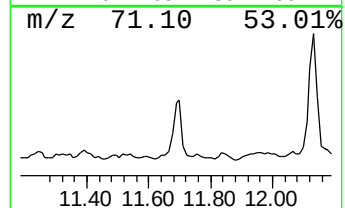
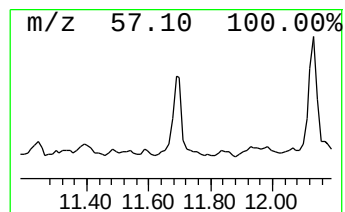
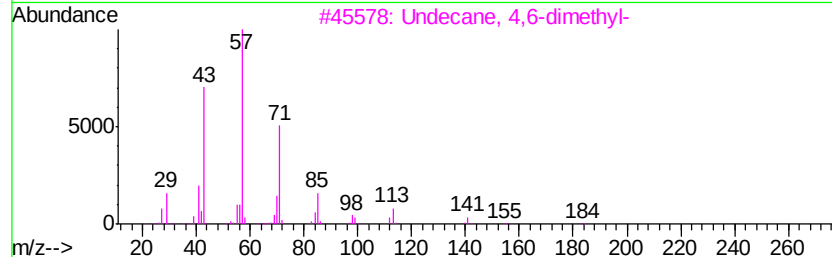
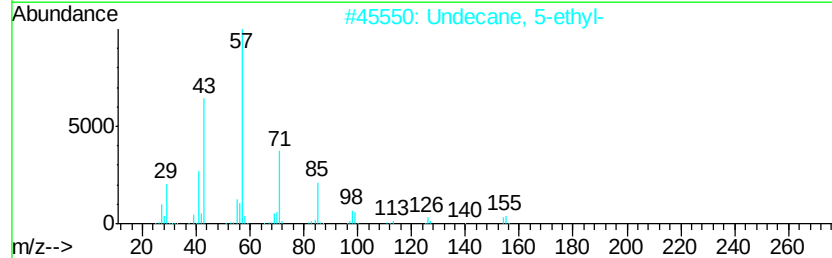
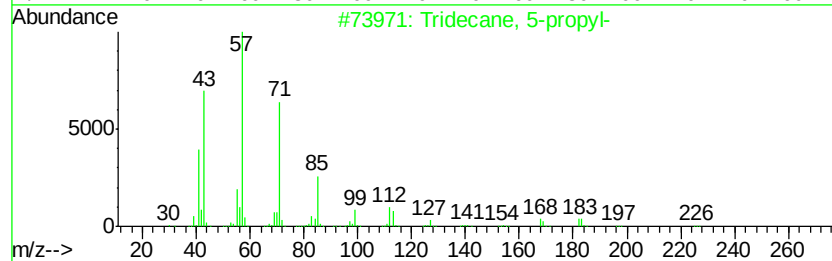
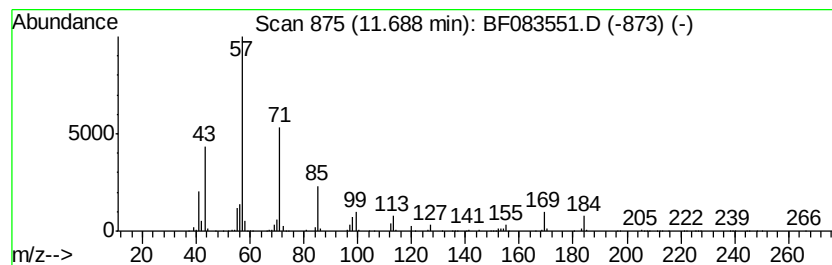
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Tridecane, 5-propyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.69	16.69 ng	3590800	Phenanthrene-d10	12.88

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecane, 5-propyl-	226	C16H34	055045-11-9	74
2		Undecane, 5-ethyl-	184	C13H28	017453-94-0	64
3		Undecane, 4,6-dimethyl-	184	C13H28	017312-82-2	64
4		Undecane, 3,5-dimethyl-	184	C13H28	017312-81-1	59
5		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	53



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120615\
Data File : BF083551.D
Acq On : 7 Dec 2015 9:18
Operator : UM/IZ
Sample : G4594-09
Misc :
ALS Vial : 62 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
K209-8-10

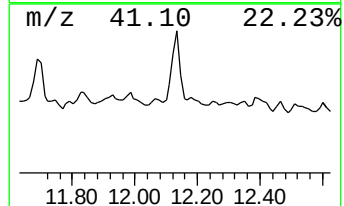
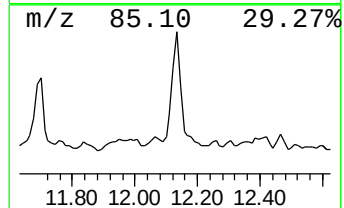
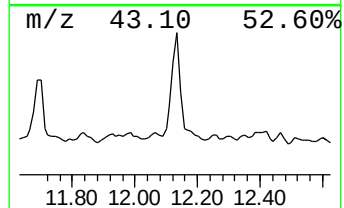
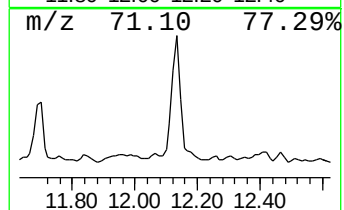
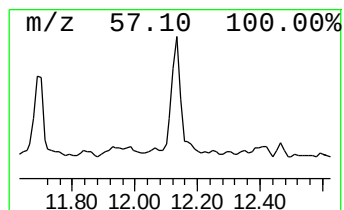
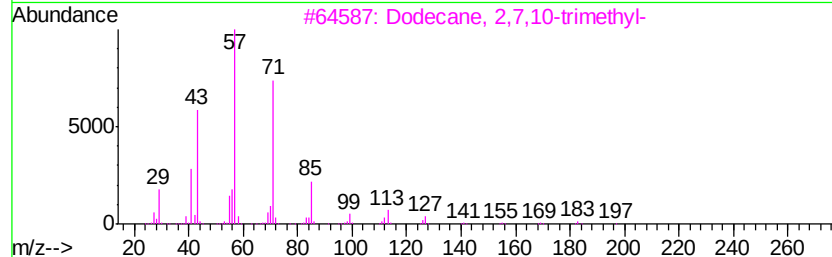
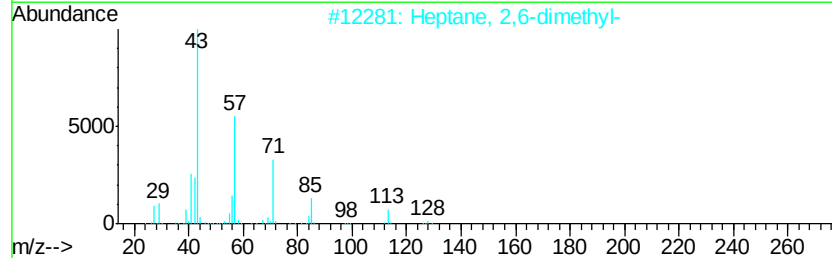
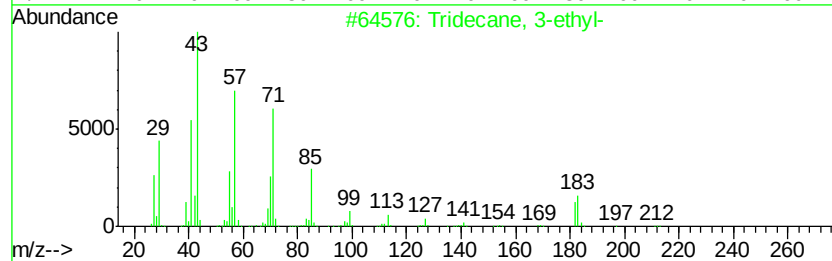
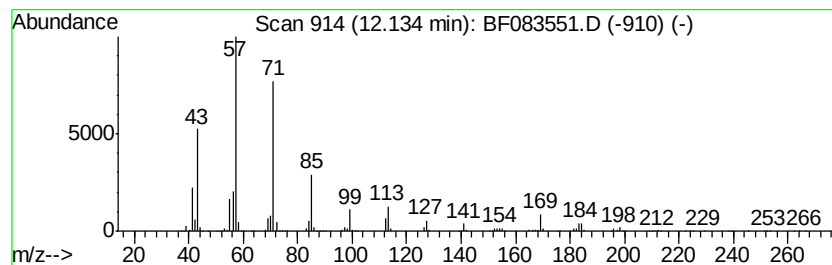
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Tridecane, 3-ethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.13	38.98 ng	8387490	Phenanthrene-d10	12.88

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecane, 3-ethyl-	212	C15H32	013286-73-2	83
2		Heptane, 2,6-dimethyl-	128	C9H20	001072-05-5	83
3		Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	80
4		Nonane, 3-methyl-	142	C10H22	005911-04-6	76
5		Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	72



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120615\
 Data File : BF083551.D
 Acq On : 7 Dec 2015 9:18
 Operator : UM/IZ
 Sample : G4594-09
 Misc :
 ALS Vial : 62 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 K209-8-10

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF120415.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-Pentanone, 4-hy...	3.57	23.8	ng	1949810	1	5.74	1636120	20.0
Octane, 3,6-dimet...	4.74	22.4	ng	1831210	1	5.74	1636120	20.0
unknown4.98	4.98	15.5	ng	1269730	1	5.74	1636120	20.0
3-Octene, 4-ethyl-	5.08	15.8	ng	1294320	1	5.74	1636120	20.0
Cyclohexane, 1,1-...	5.38	15.2	ng	1239160	1	5.74	1636120	20.0
unknown5.44	5.44	63.9	ng	5226700	1	5.74	1636120	20.0
Cyclohexane, 1,3-...	5.54	15.4	ng	1260310	1	5.74	1636120	20.0
cis-Decalin, 2-sy...	5.69	23.4	ng	1914620	1	5.74	1636120	20.0
Nonane, 2,6-dimet...	5.80	19.1	ng	1562830	1	5.74	1636120	20.0
Naphthalene, deca...	6.29	26.1	ng	2139460	1	5.74	1636120	20.0
unknown6.36	6.36	19.0	ng	1557110	1	5.74	1636120	20.0
1-Methyldecahydro...	7.10	16.0	ng	6427350	2	7.65	8049870	20.0
Undecane, 2,6-dim...	7.87	27.1	ng	10910500	2	7.65	8049870	20.0
Octane, 2,3,6-tri...	8.45	15.6	ng	6293710	2	7.65	8049870	20.0
unknown8.69	8.69	21.1	ng	8471640	2	7.65	8049870	20.0
Dodecane	10.18	15.2	ng	5597990	3	10.48	7362790	20.0
unknown10.35	10.35	20.0	ng	7362790	3	10.48	7362790	20.0
Tridecane, 5-propyl-	11.69	16.7	ng	3590800	4	12.88	4303190	20.0
Tridecane, 3-ethyl-	12.13	39.0	ng	8387490	4	12.88	4303190	20.0