

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020618\
 Data File : BF102777.D
 Acq On : 6 Feb 2018 12:09
 Operator : SJ/JU
 Sample : J1454-14 5X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 8-SAN-10-WW(1-4)

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-BF020318.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.140	5	9	16	rVB	136880	176616	8.15%	0.480%
2	5.093	508	511	516	rVB3	66442	77796	3.59%	0.211%
3	5.363	554	557	561	rBV2	68811	70383	3.25%	0.191%
4	5.487	569	578	583	rBV2	1552688	1618803	74.69%	4.400%
5	5.651	603	606	611	rBV5	37202	65624	3.03%	0.178%
6	5.728	616	619	626	rBV2	105205	127170	5.87%	0.346%
7	5.904	641	649	653	rBV3	94782	150459	6.94%	0.409%
8	5.945	653	656	660	rBV3	54916	81465	3.76%	0.221%
9	6.040	668	672	676	rVB3	118726	165788	7.65%	0.451%
10	6.081	676	679	682	rBV3	59440	74446	3.43%	0.202%
11	6.128	682	687	694	rVV2	371096	630426	29.09%	1.714%
12	6.181	694	696	699	rVV	360839	323275	14.92%	0.879%
13	6.210	699	701	705	rVV3	83514	133744	6.17%	0.364%
14	6.245	705	707	709	rVV	84396	71551	3.30%	0.194%
15	6.316	714	719	722	rBV2	204699	291884	13.47%	0.793%
16	6.357	722	726	727	rVV3	104051	107865	4.98%	0.293%
17	6.375	727	729	732	rVV	290570	234206	10.81%	0.637%
18	6.416	732	736	742	rVV4	427891	711699	32.84%	1.934%
19	6.469	742	745	746	rVV	172809	186132	8.59%	0.506%
20	6.492	746	749	753	rVV	1297665	1347314	62.16%	3.662%
21	6.528	753	755	757	rVV	144026	147319	6.80%	0.400%
22	6.557	757	760	762	rVV2	195125	232113	10.71%	0.631%
23	6.581	762	764	766	rVV	134975	123748	5.71%	0.336%
24	6.645	766	775	783	rVV2	1555563	2111137	97.41%	5.738%
25	6.710	783	786	789	rVV2	627561	705585	32.56%	1.918%
26	6.739	789	791	794	rVV	195064	187865	8.67%	0.511%
27	6.769	794	796	798	rVV2	81087	85728	3.96%	0.233%
28	6.798	798	801	803	rVV3	111928	168221	7.76%	0.457%
29	6.845	805	809	810	rVV4	213723	290331	13.40%	0.789%
30	6.881	810	815	819	rVV2	1668763	2167352	100.00%	5.891%
31	6.939	821	825	827	rVV3	357784	467382	21.56%	1.270%
32	6.975	827	831	832	rVV3	187145	284577	13.13%	0.773%
33	6.992	832	834	837	rVV2	250877	305350	14.09%	0.830%
34	7.034	837	841	844	rVV2	1306291	1563831	72.15%	4.251%

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35	7.057	844	845	848 rVV	228189	201548	9.30%	0.548%
36	7.081	848	849	851 rVV	102979	79553	3.67%	0.216%
37	7.104	851	853	856 rVV3	187157	231552	10.68%	0.629%
38	7.128	856	857	858 rVV	139598	94788	4.37%	0.258%
39	7.151	858	861	864 rVV	611526	603436	27.84%	1.640%
40	7.181	864	866	867 rVV	244697	197492	9.11%	0.537%
41	7.198	867	869	870 rVV	258895	221351	10.21%	0.602%
42	7.216	870	872	876 rVV2	209996	279581	12.90%	0.760%
43	7.275	876	882	885 rVV3	361234	632911	29.20%	1.720%
44	7.304	885	887	892 rVV4	168902	267967	12.36%	0.728%
45	7.345	892	894	895 rVV	120481	119216	5.50%	0.324%
46	7.363	895	897	900 rVV	144092	199443	9.20%	0.542%
47	7.410	900	905	907 rVV4	404464	634684	29.28%	1.725%
48	7.439	907	910	913 rVV	908716	1033295	47.68%	2.809%
49	7.469	913	915	920 rVV	473946	537407	24.80%	1.461%
50	7.528	920	925	927 rVV4	269863	426665	19.69%	1.160%
51	7.581	927	934	938 rVV5	166868	431961	19.93%	1.174%
52	7.628	940	942	944 rVV2	116532	142791	6.59%	0.388%
53	7.657	944	947	948 rVV2	213586	253957	11.72%	0.690%
54	7.675	948	950	954 rVV3	252092	343259	15.84%	0.933%
55	7.710	954	956	958 rVV	70006	67862	3.13%	0.184%
56	7.757	961	964	966 rVV2	100049	126761	5.85%	0.345%
57	7.781	966	968	970 rVV	184068	167502	7.73%	0.455%
58	7.804	970	972	975 rVV3	200842	219299	10.12%	0.596%
59	7.834	975	977	981 rVV2	121886	158212	7.30%	0.430%
60	7.875	981	984	986 rVV3	102027	108683	5.01%	0.295%
61	7.898	986	988	991 rVV	261250	276262	12.75%	0.751%
62	7.928	991	993	995 rVV3	72319	69878	3.22%	0.190%
63	7.981	999	1002	1004 rVV3	64959	80941	3.73%	0.220%
64	8.034	1008	1011	1014 rBV2	55155	62762	2.90%	0.171%
65	8.163	1026	1033	1036 rVV	1930798	1792963	82.73%	4.873%
66	8.186	1036	1037	1039 rVV	106949	63364	2.92%	0.172%
67	8.216	1039	1042	1045 rVB2	179232	170474	7.87%	0.463%
68	8.451	1078	1082	1087 rVB5	67737	71440	3.30%	0.194%
69	8.581	1101	1104	1106 rBV	101190	83438	3.85%	0.227%
70	8.922	1157	1162	1167 rBV2	57463	107183	4.95%	0.291%
71	9.181	1203	1206	1211 rVB	95405	87854	4.05%	0.239%

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72	9.233	1211	1215	1220	rBV	1406586	1217200	56.16%	3.308%
73	9.316	1226	1229	1234	rVB3	107903	116715	5.39%	0.317%
74	9.628	1279	1282	1286	rBV2	190096	206171	9.51%	0.560%
75	9.845	1314	1319	1321	rVB	97255	104394	4.82%	0.284%
76	9.916	1328	1331	1335	rBV	1592981	1511141	69.72%	4.107%
77	9.951	1335	1337	1340	rVB	78125	59901	2.76%	0.163%
78	10.122	1361	1366	1370	rVB3	60794	89232	4.12%	0.243%
79	10.316	1396	1399	1402	rBV2	300878	334971	15.46%	0.910%
80	10.463	1421	1424	1430	rVB2	67782	68406	3.16%	0.186%
81	10.563	1438	1441	1446	rVB2	91152	110546	5.10%	0.300%
82	10.704	1461	1465	1469	rVB	631119	541678	24.99%	1.472%
83	10.827	1481	1486	1493	rBV2	176696	272442	12.57%	0.741%
84	11.263	1558	1560	1562	rBV	93398	62124	2.87%	0.169%
85	11.298	1562	1566	1570	rVB3	116351	120157	5.54%	0.327%
86	11.404	1580	1584	1587	rBV	1450939	1348690	62.23%	3.666%
87	11.427	1587	1588	1591	rVV	541263	354077	16.34%	0.962%
88	11.480	1594	1597	1599	rVV	85403	69145	3.19%	0.188%
89	11.692	1630	1633	1638	rBV2	80232	89858	4.15%	0.244%
90	11.922	1670	1672	1676	rVB2	161635	162374	7.49%	0.441%
91	12.016	1686	1688	1691	rBV3	83741	75651	3.49%	0.206%
92	12.098	1700	1702	1707	rBV	68844	59094	2.73%	0.161%
93	12.486	1766	1768	1771	rBV2	60097	58419	2.70%	0.159%
94	12.616	1787	1790	1794	rVB	449788	398810	18.40%	1.084%
95	12.710	1804	1806	1808	rBV2	82075	62008	2.86%	0.169%
96	12.845	1826	1829	1835	rVB	359753	345102	15.92%	0.938%
97	12.986	1850	1853	1861	rVB	901318	771999	35.62%	2.098%
98	14.045	2029	2033	2035	rVV2	897586	912443	42.10%	2.480%
99	14.068	2035	2037	2040	rVB	179331	139441	6.43%	0.379%
100	15.527	2281	2285	2293	rVB	689056	994286	45.88%	2.702%

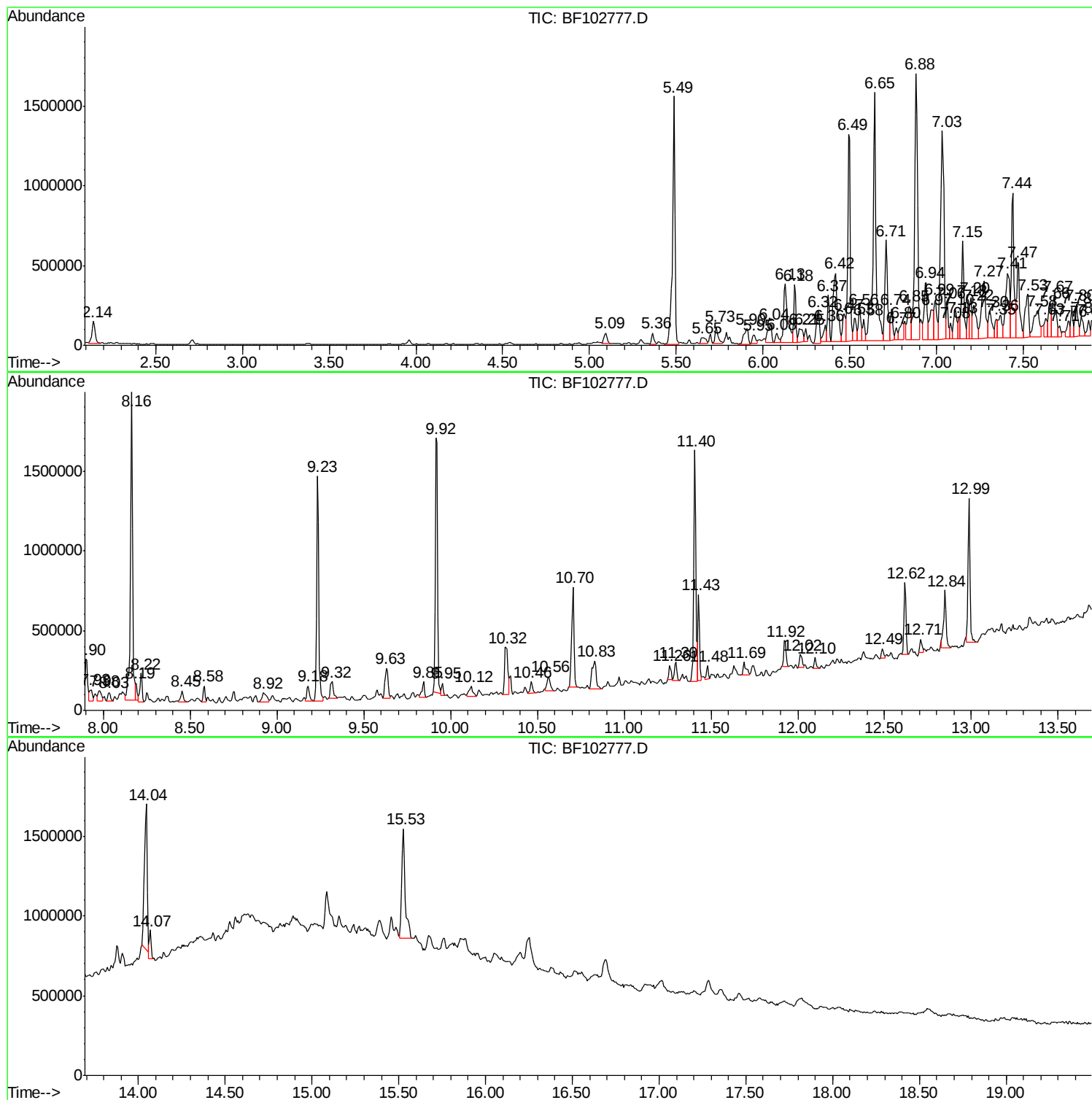
Sum of corrected areas: 36791395

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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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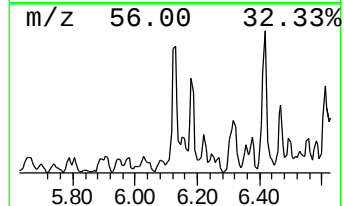
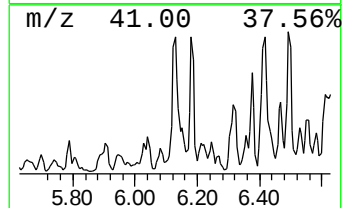
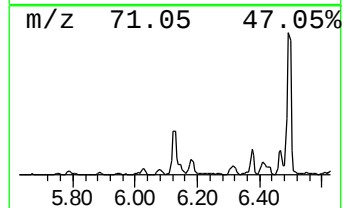
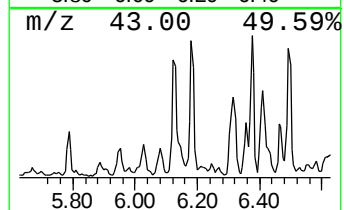
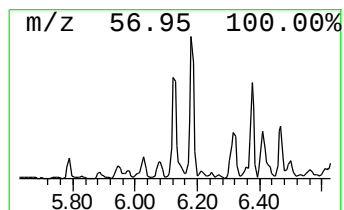
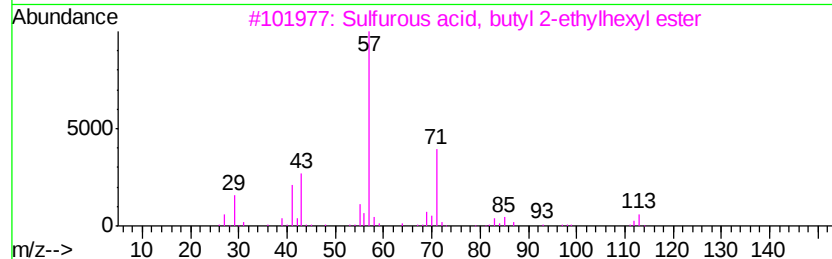
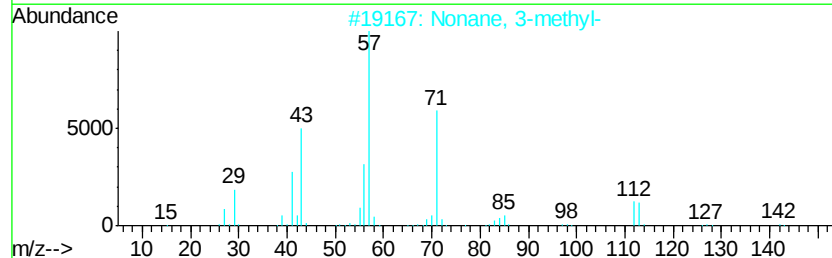
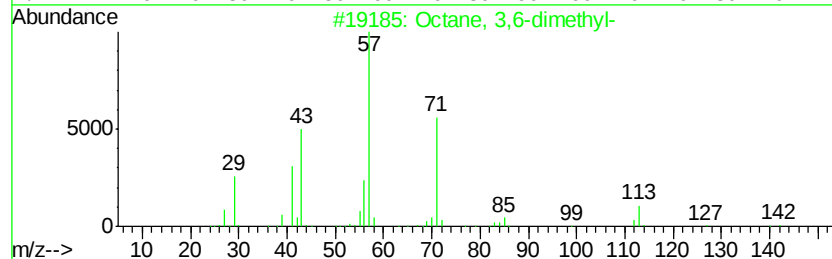
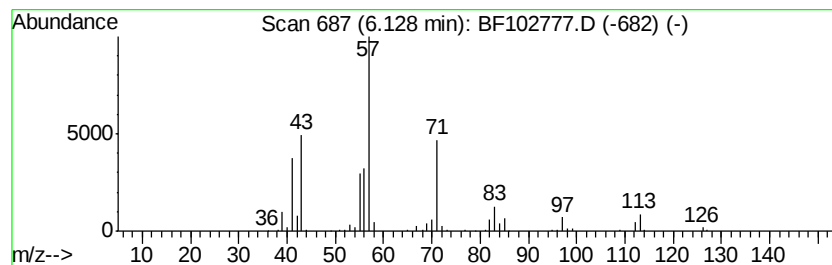
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Octane, 3,6-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.13	5.82 ng	630426	1,4-Dichlorobenzene-d4	6.88

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	64
2			Nonane, 3-methyl-	142	C10H22	005911-04-6	64
3			Sulfurous acid, butyl 2-ethylhex...	250	C12H26O3S	1000309-18-8	59
4			Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	59
5			1-Octanol, 2-butyl-	186	C12H26O	003913-02-8	59



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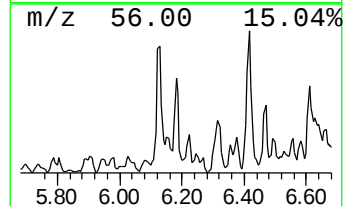
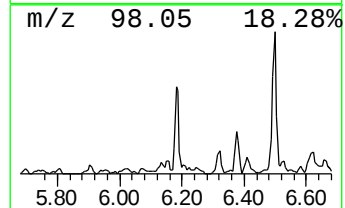
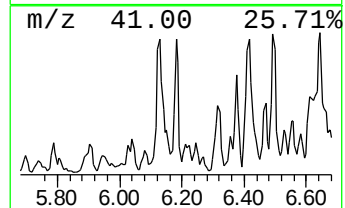
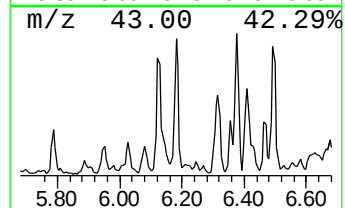
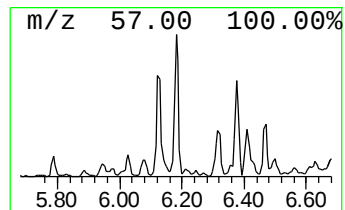
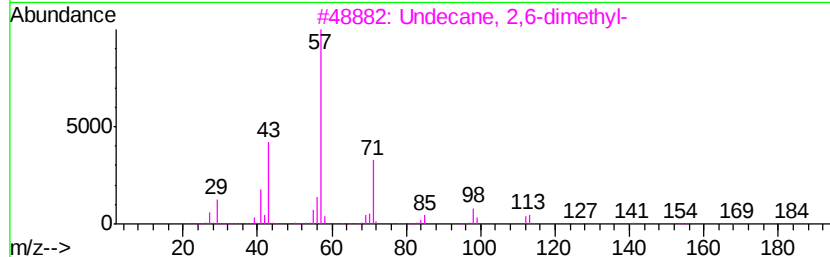
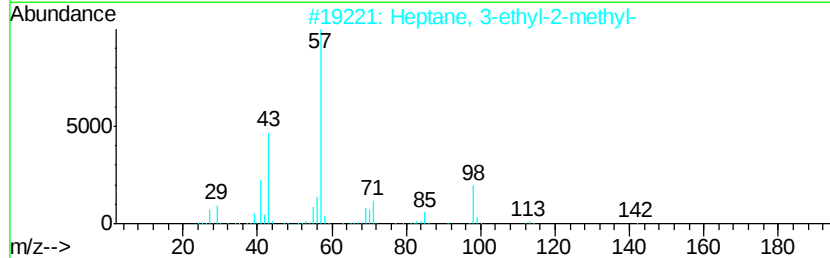
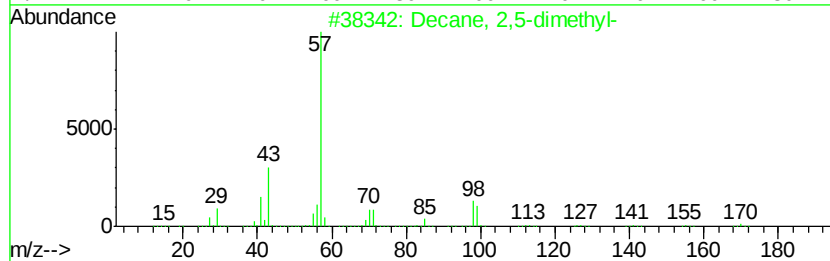
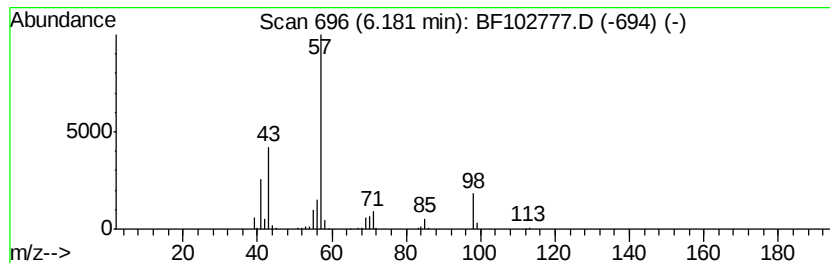
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 2 Decane, 2,5-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.18	2.98 ng	323275	1,4-Dichlorobenzene-d4	6.88

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane, 2,5-dimethyl-	170	C12H26	017312-50-4	72
2		Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	72
3		Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	64
4		Dodecane, 6-methyl-	184	C13H28	006044-71-9	64
5		Heptane, 4-(1-methylethyl)-	142	C10H22	052896-87-4	64



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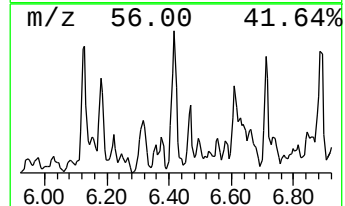
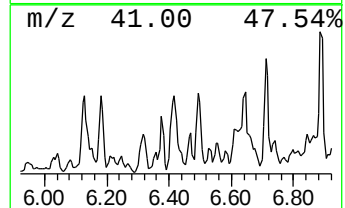
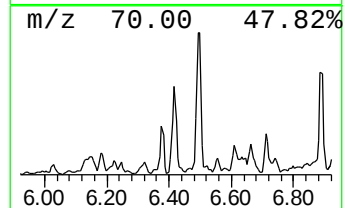
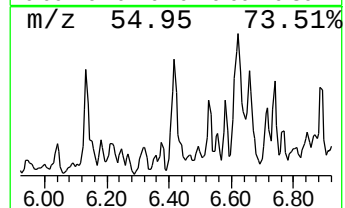
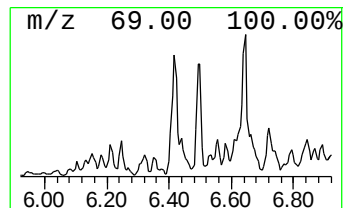
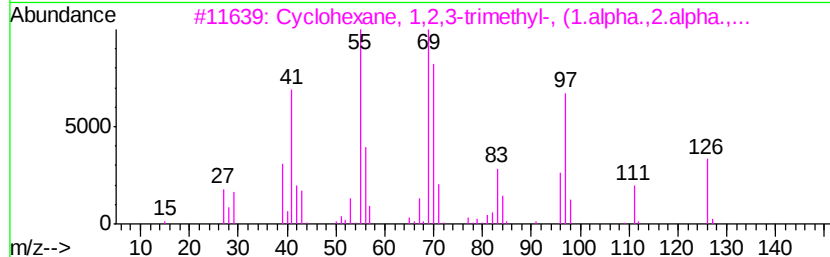
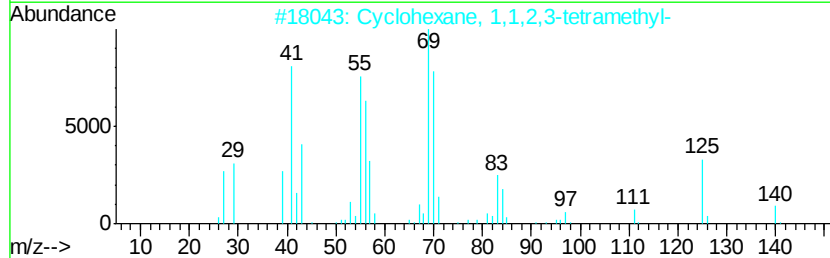
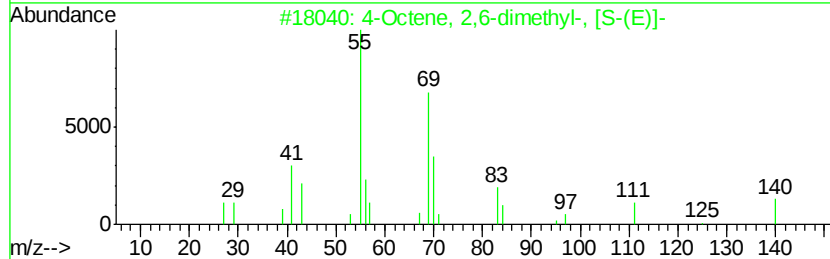
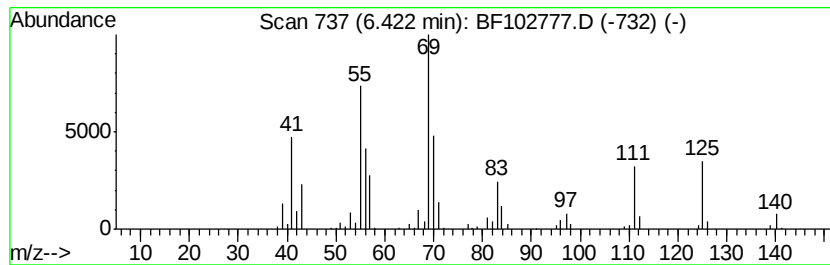
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 4 4-Octene, 2,6-dimethyl-, [S... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.42	6.57 ng	711699	1,4-Dichlorobenzene-d4	6.88

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4-Octene, 2,6-dimethyl-, [S-(E)]-	140	C10H20	062960-76-3	68
2		Cyclohexane, 1,1,2,3-tetramethyl-	140	C10H20	006783-92-2	68
3		Cyclohexane, 1,2,3-trimethyl-, (...)	126	C9H18	001839-88-9	53
4		3-Ethyl-4-octene	140	C10H20	019781-32-9	43
5		Ketone, vinyl-pyrrolidiny-	125	C7H11NO	042104-70-1	30



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020618\
Data File : BF102777.D
Acq On : 6 Feb 2018 12:09
Operator : SJ/JU
Sample : J1454-14 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
8-SAN-10-WW(1-4)

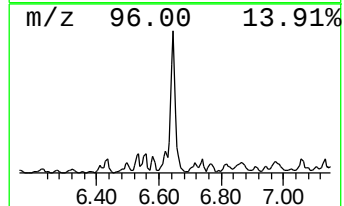
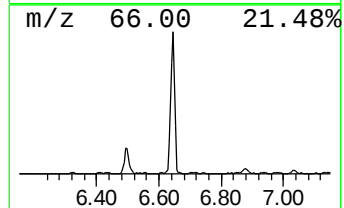
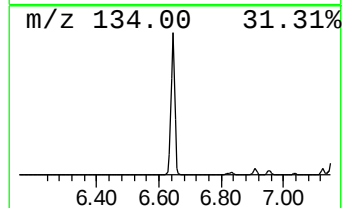
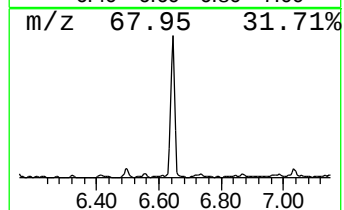
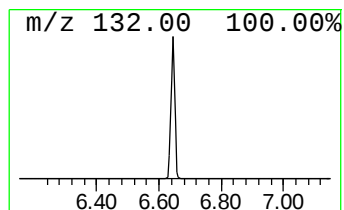
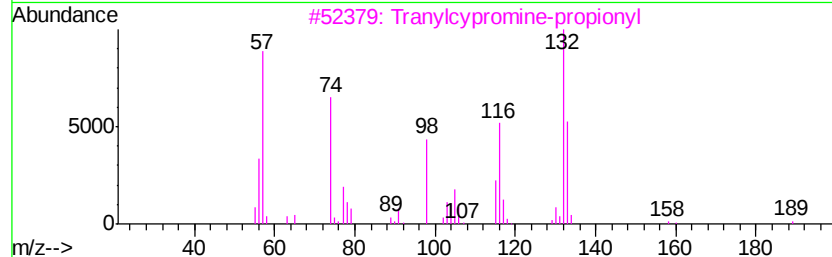
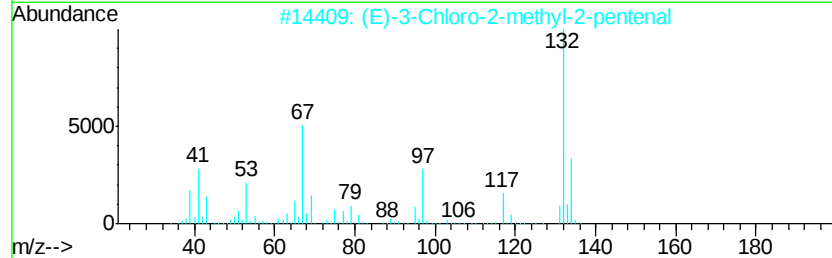
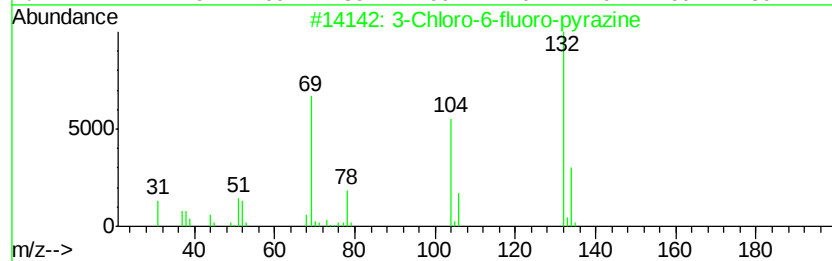
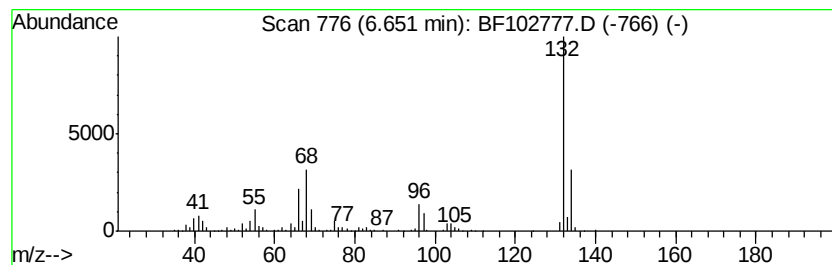
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 unknown6.65 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.65	19.48 ng	2111140	1,4-Dichlorobenzene-d4	6.88

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3		Tranvlcypromine-propionyl	189	C12H15NO	1000123-86-3	10
4		1,3,5-Trifluorobenzene	132	C6H3F3	000372-38-3	9
5		Xenon	132	Xe	007440-63-3	9



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020618\
Data File : BF102777.D
Acq On : 6 Feb 2018 12:09
Operator : SJ/JU
Sample : J1454-14 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
8-SAN-10-WW(1-4)

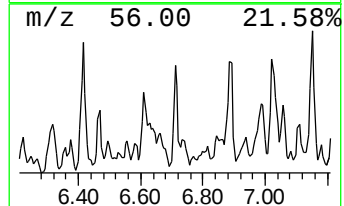
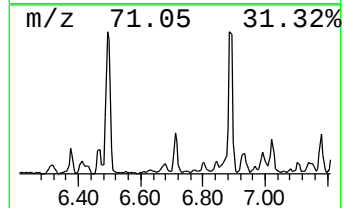
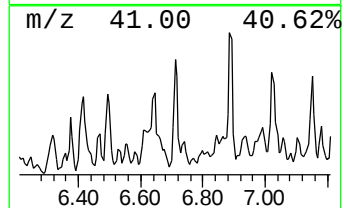
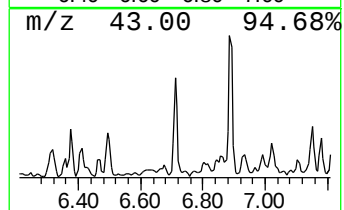
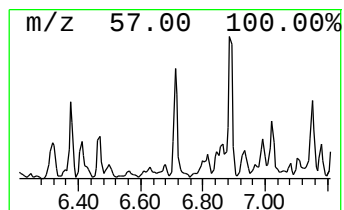
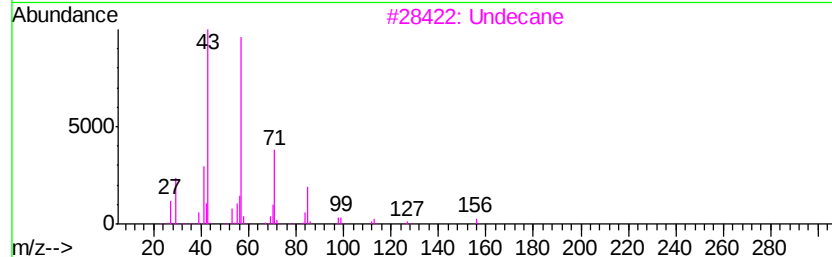
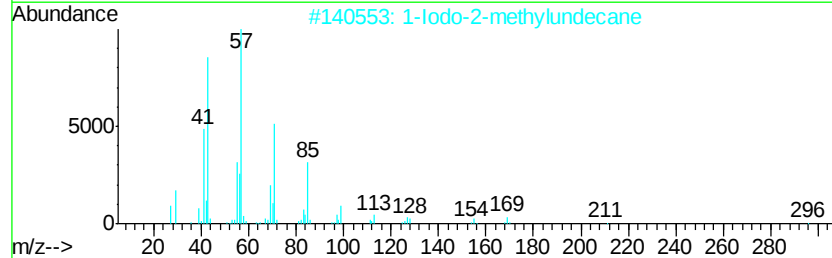
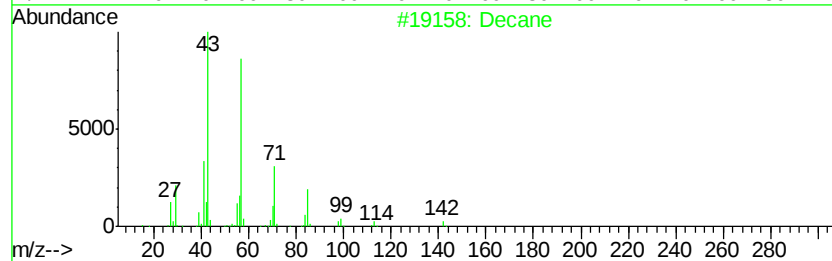
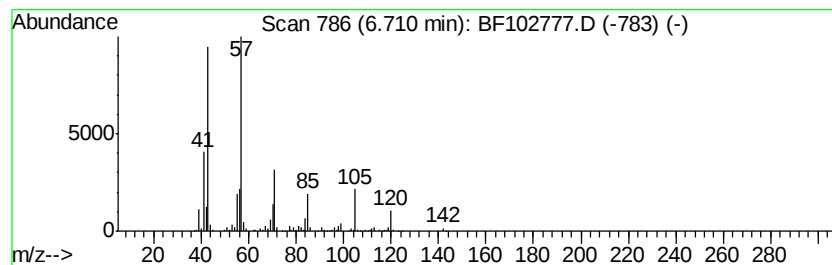
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Decane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.71	6.51 ng	705585	1,4-Dichlorobenzene-d4	6.88

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decane	142	C10H22	000124-18-5	64
2			1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	59
3			Undecane	156	C11H24	001120-21-4	53
4			Hexadecane	226	C16H34	000544-76-3	50
5			Heptane, 2,3-dimethyl-	128	C9H20	003074-71-3	47



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020618\
Data File : BF102777.D
Acq On : 6 Feb 2018 12:09
Operator : SJ/JU
Sample : J1454-14 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
8-SAN-10-WW(1-4)

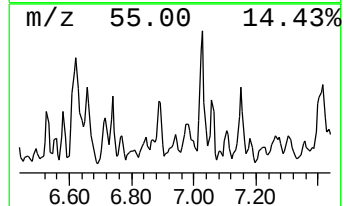
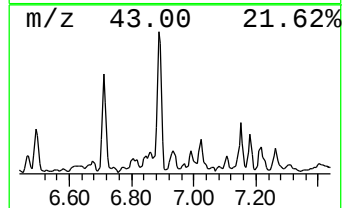
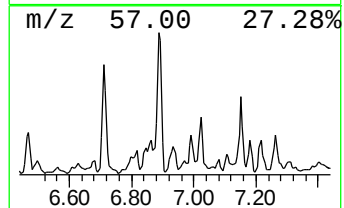
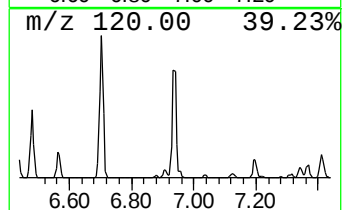
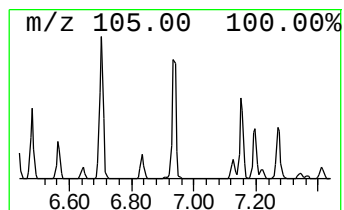
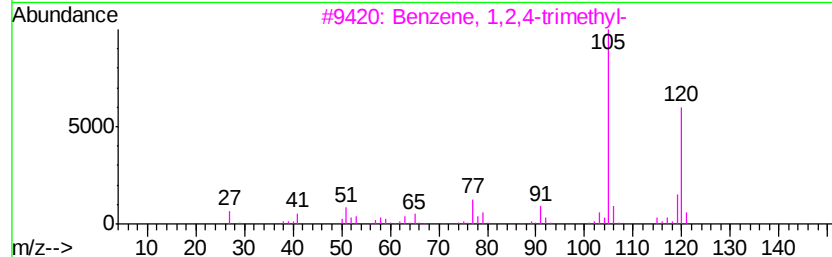
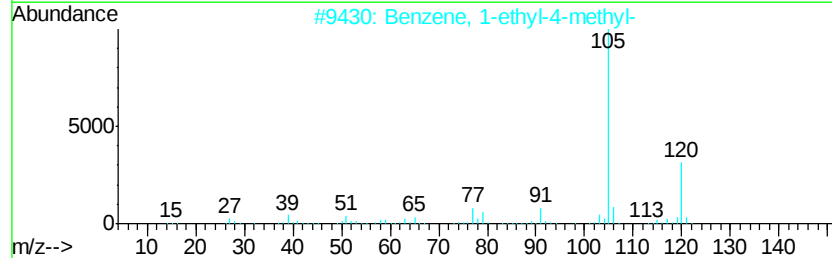
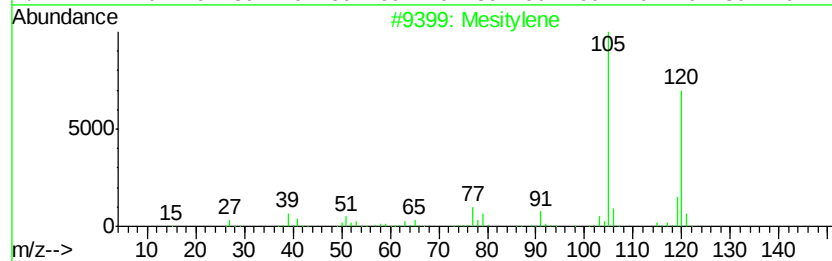
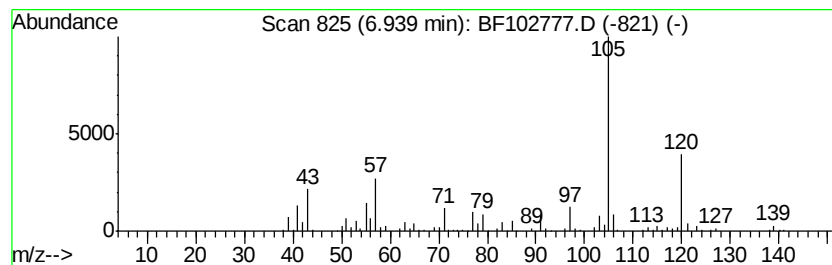
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Mesitylene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.94	4.31 ng	467382	1,4-Dichlorobenzene-d4	6.88

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Mesitylene	120	C9H12	000108-67-8	76
2			Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	76
3			Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	76
4			Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	76
5			2,4-Nonadiyne	120	C9H12	063621-15-8	70



Data Path : Z:\HPCHEM1\BNA F\DATA\BF020618\
Data File : BF102777.D
Acq On : 6 Feb 2018 12:09
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Sample : J1454-14 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
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ClientSampleId :
8-SAN-10-WW(1-4)

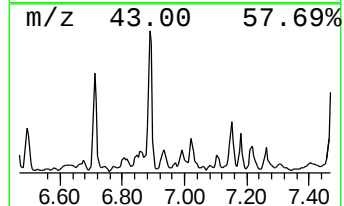
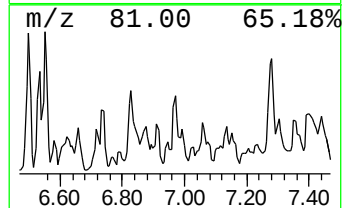
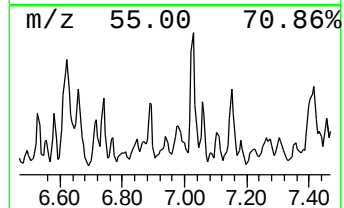
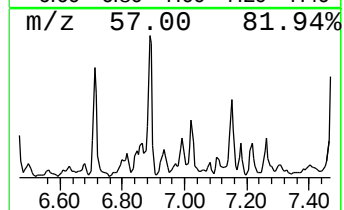
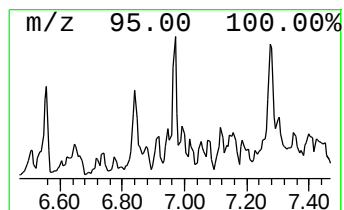
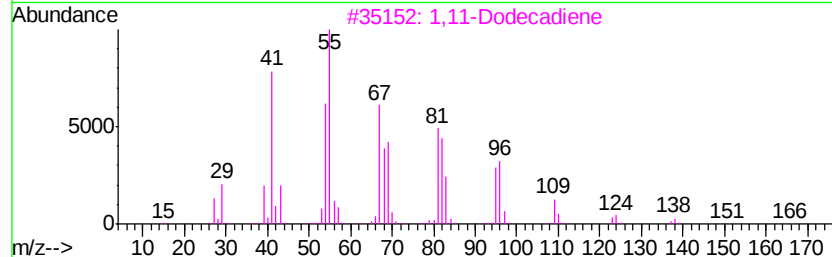
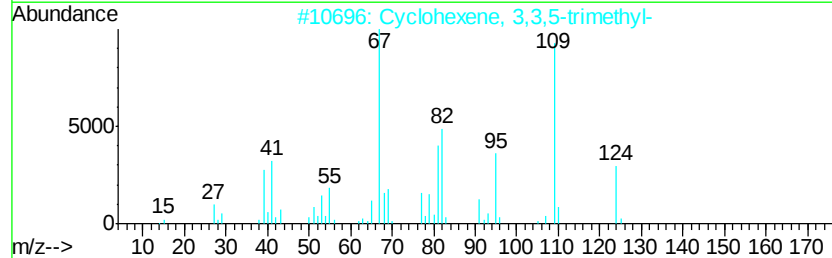
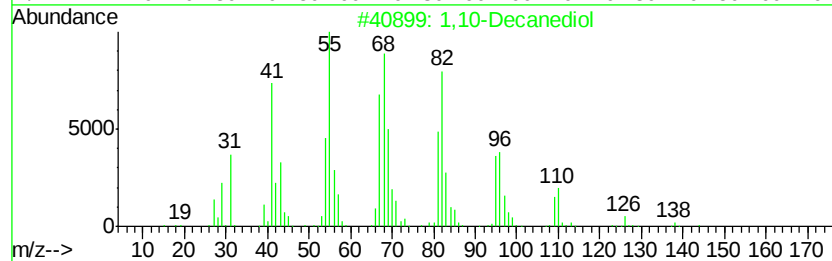
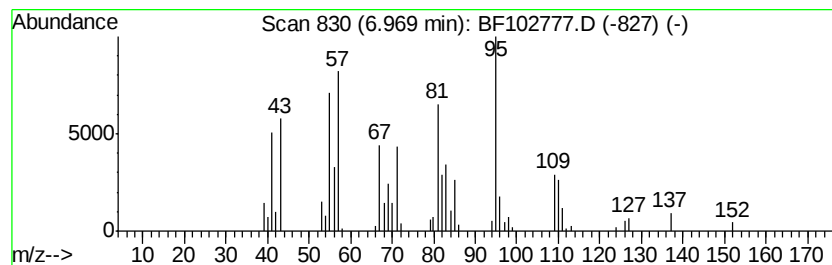
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 unknown6.97 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.97	2.63 ng	284577	1,4-Dichlorobenzene-d4	6.88

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,10-Decanediol	174	C10H22O2	000112-47-0	43
2			Cyclohexene, 3,3,5-trimethyl-	124	C9H16	000503-45-7	38
3			1,11-Dodecadiene	166	C12H22	005876-87-9	27
4			Cyclopentane, 1-methyl-3-(1-meth...	126	C9H18	053771-88-3	27
5			Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	27



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020618\
Data File : BF102777.D
Acq On : 6 Feb 2018 12:09
Operator : SJ/JU
Sample : J1454-14 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

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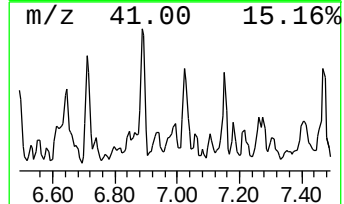
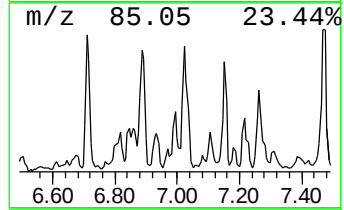
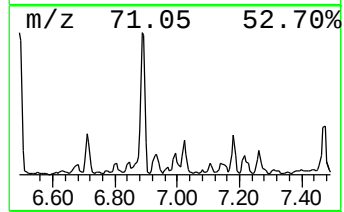
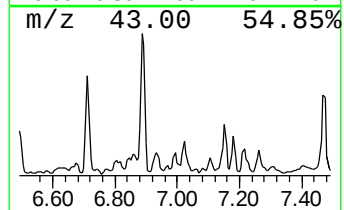
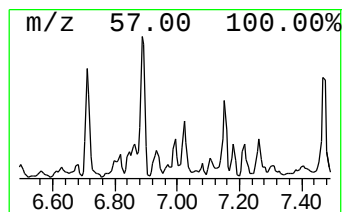
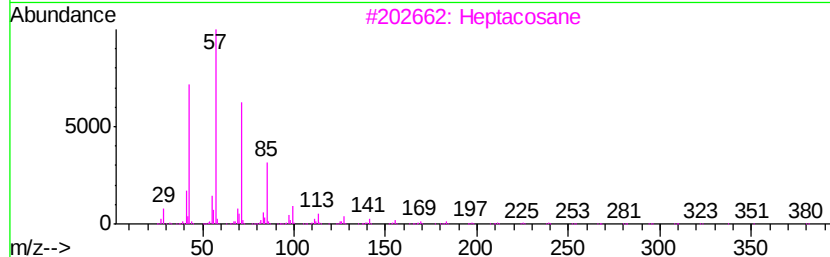
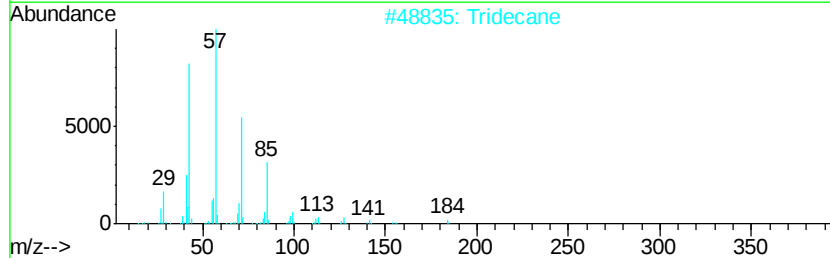
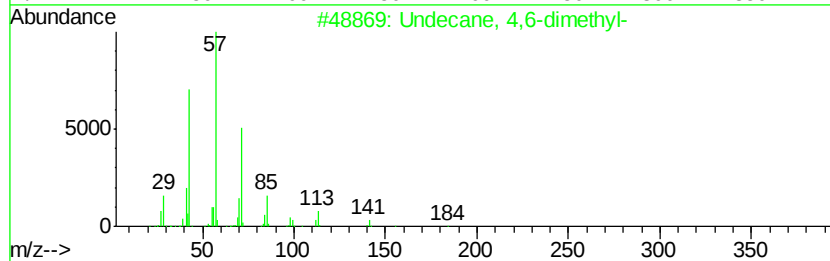
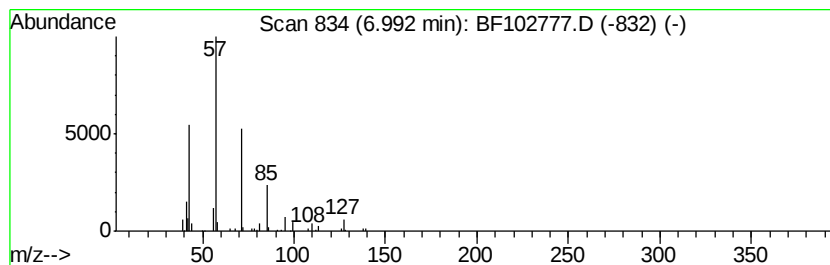
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Undecane, 4,6-dimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.99	2.82 ng	305350	1,4-Dichlorobenzene-d4	6.88

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 4,6-dimethyl-		184	C13H28	017312-82-2	64	
2	Tridecane		184	C13H28	000629-50-5	64	
3	Heptacosane		380	C27H56	000593-49-7	59	
4	Undecane, 5-methyl-		170	C12H26	001632-70-8	53	
5	Undecane, 2-methyl-		170	C12H26	007045-71-8	53	



Data Path : Z:\HPCHEM1\BNA F\DATA\BF020618\
Data File : BF102777.D
Acq On : 6 Feb 2018 12:09
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Sample : J1454-14 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
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ClientSampleId :
8-SAN-10-WW(1-4)

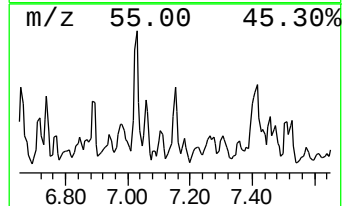
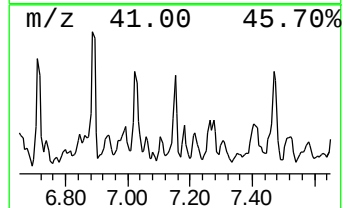
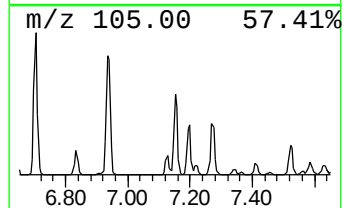
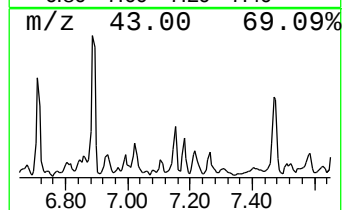
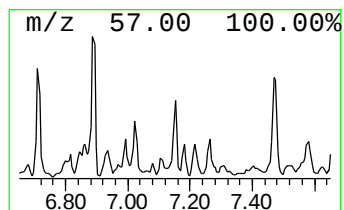
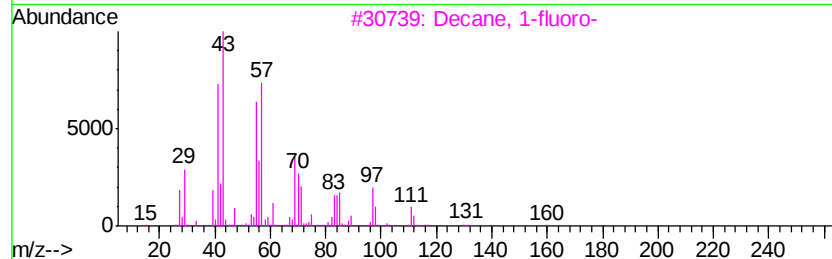
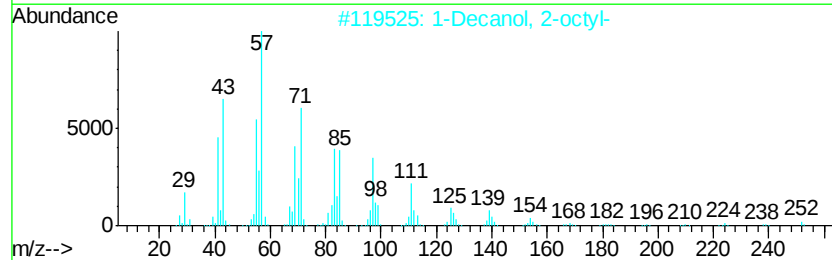
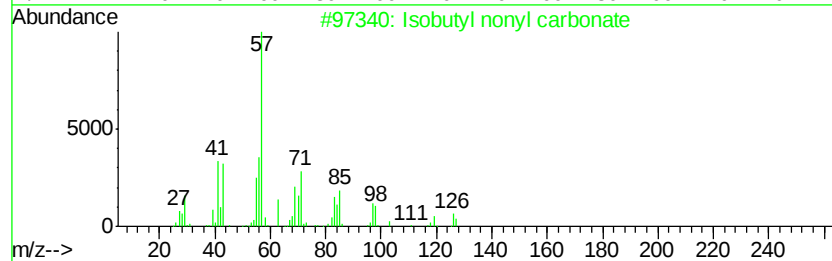
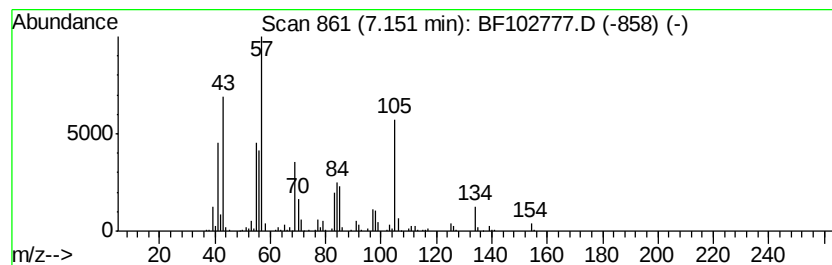
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Isobutyl nonyl carbonate Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.15	5.57 ng	603436	1,4-Dichlorobenzene-d4	6.88

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Isobutyl nonyl carbonate	244	C14H28O3	959311-27-4	64
2			1-Decanol, 2-octyl-	270	C18H38O	045235-48-1	53
3			Decane, 1-fluoro-	160	C10H21F	000334-56-5	50
4			Hexane, 1-(hexyloxy)-5-methyl-	200	C13H28O	074421-19-5	50
5			Dodecyl isobutyl carbonate	286	C17H34O3	959067-22-2	43



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020618\
Data File : BF102777.D
Acq On : 6 Feb 2018 12:09
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Misc :
ALS Vial : 7 Sample Multiplier: 1

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ClientSampleId :
8-SAN-10-WW(1-4)

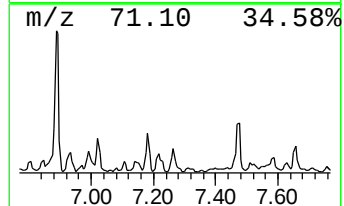
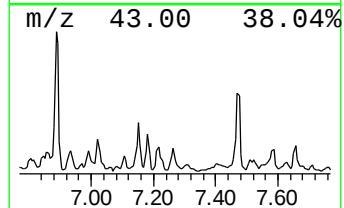
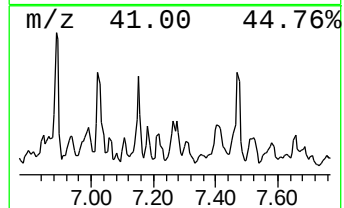
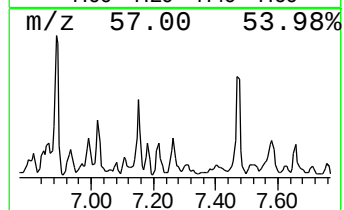
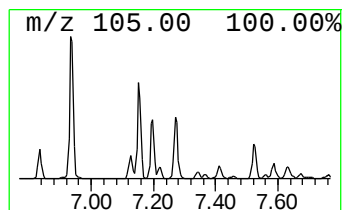
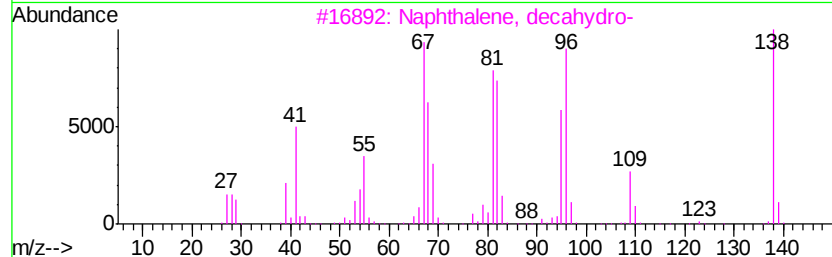
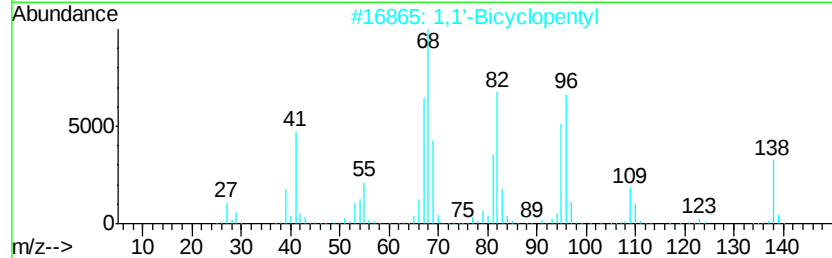
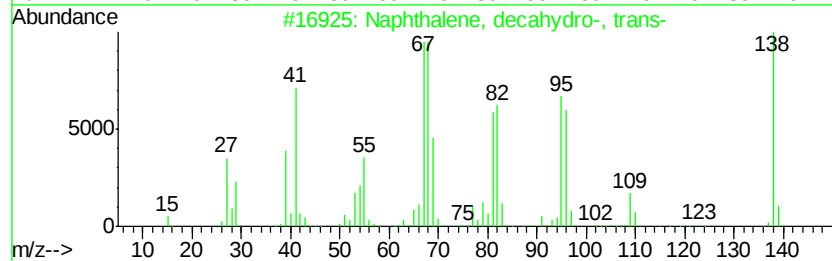
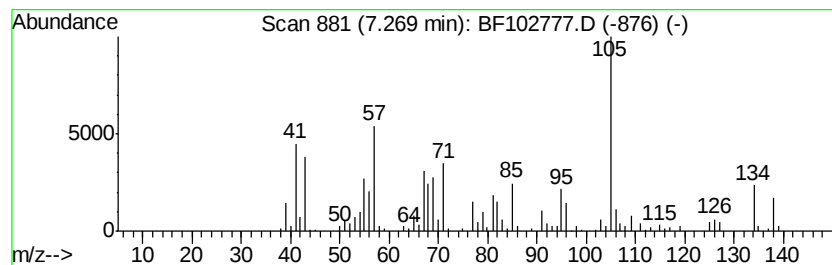
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Naphthalene, decahydro-, tr... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.27	5.84 ng	632911	1,4-Dichlorobenzene-d4	6.88

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, decahydro-, trans-	138	C10H18	000493-02-7	93
2			1,1'-Bicyclopentyl	138	C10H18	001636-39-1	86
3			Naphthalene, decahydro-	138	C10H18	000091-17-8	81
4			Naphthalene, decahydro-, cis-	138	C10H18	000493-01-6	64
5			Cyclodecene	138	C10H18	003618-12-0	58



Data Path : Z:\HPCHEM1\BNA F\DATA\BF020618\
Data File : BF102777.D
Acq On : 6 Feb 2018 12:09
Operator : SJ/JU
Sample : J1454-14 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
8-SAN-10-WW(1-4)

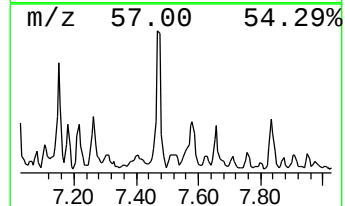
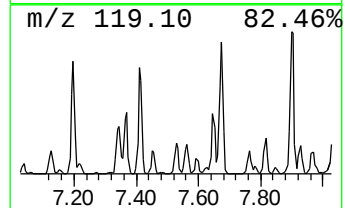
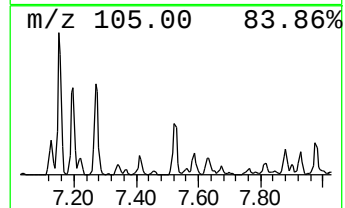
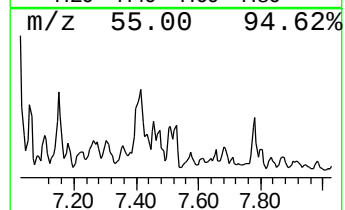
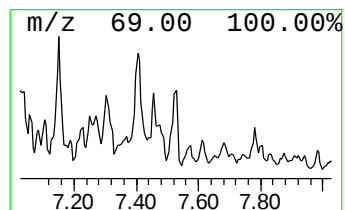
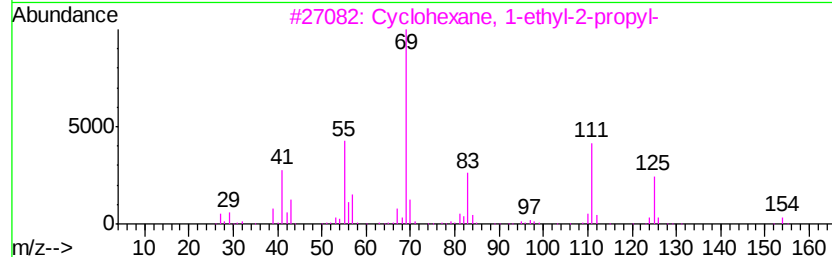
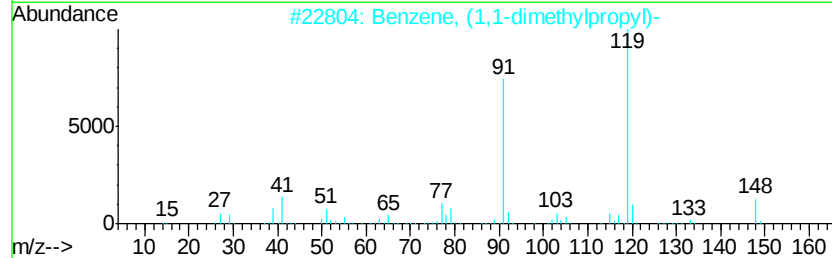
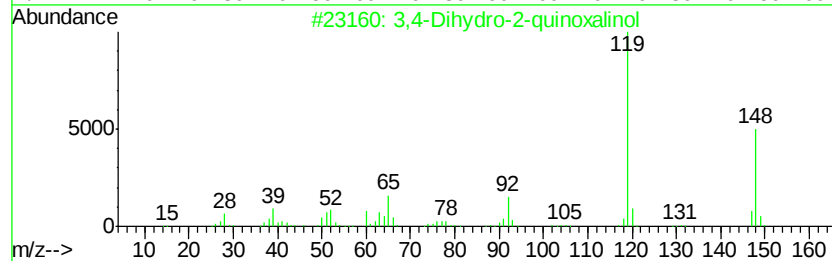
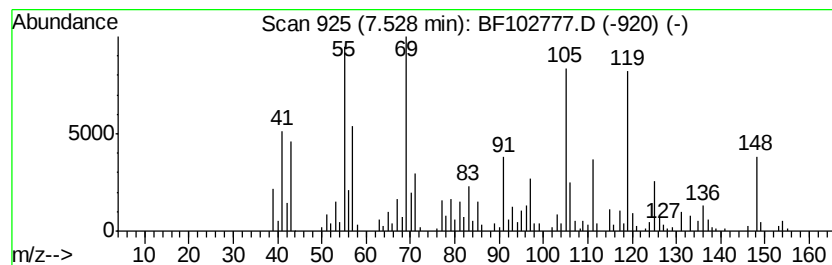
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 unknown7.53 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.53	4.76 ng	426665	Naphthalene-d8	8.16

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3,4-Dihydro-2-quinoxalinol	148	C8H8N2O	1000332-36-8	38
2			Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	27
3			Cyclohexane, 1-ethyl-2-propyl-	154	C11H22	062238-33-9	25
4			2,2,4-Trimethyl-3-hexene	126	C9H18	059643-72-0	22
5			Benzoyl chloride, 4-methyl-	154	C8H7ClO	000874-60-2	18



Data Path : Z:\HPCHEM1\BNA F\DATA\BF020618\
Data File : BF102777.D
Acq On : 6 Feb 2018 12:09
Operator : SJ/JU
Sample : J1454-14 5X
Misc :
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Instrument :
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ClientSampleId :
8-SAN-10-WW(1-4)

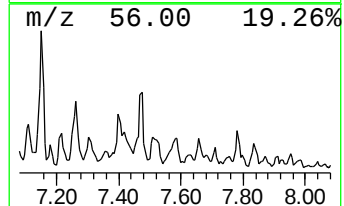
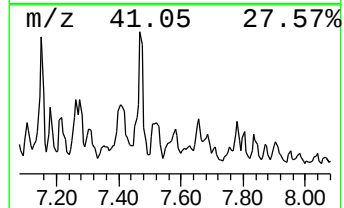
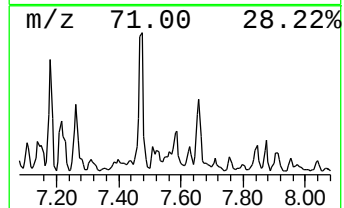
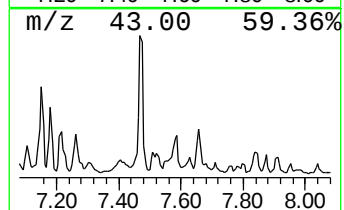
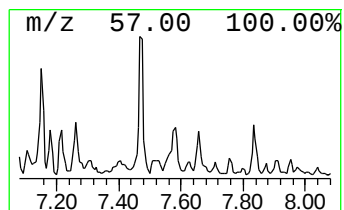
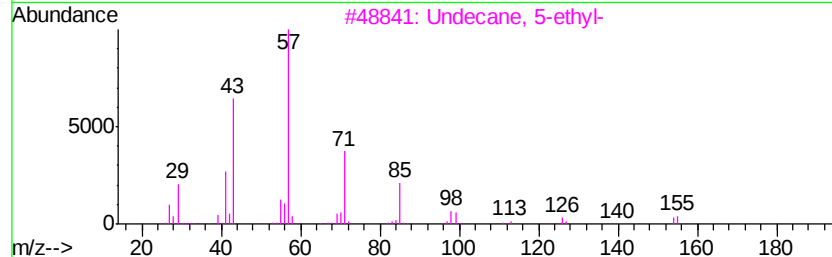
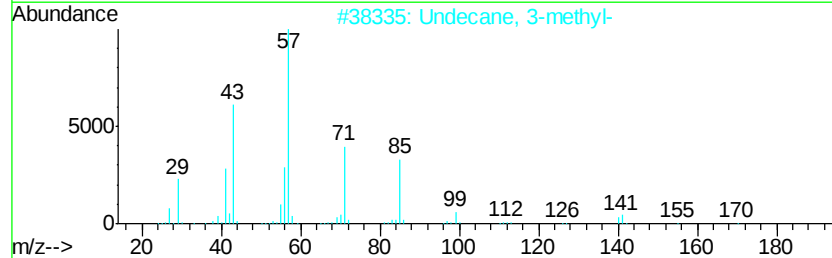
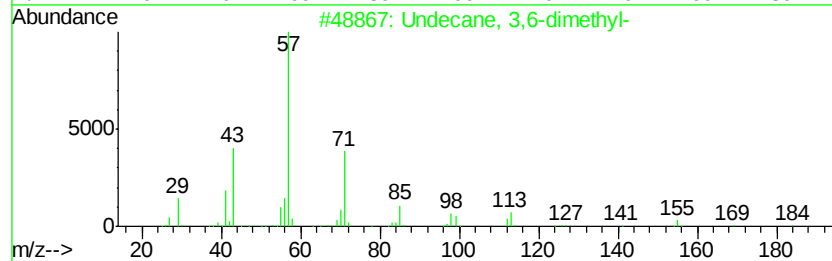
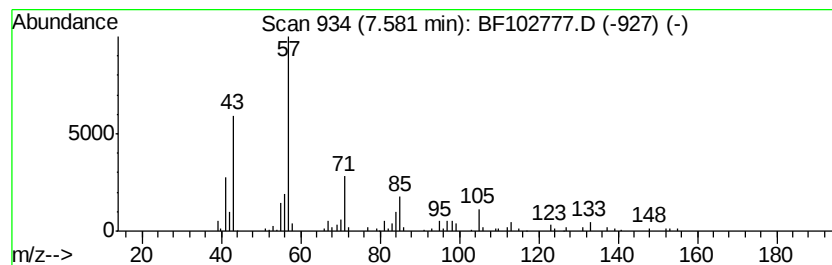
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Undecane, 3,6-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.58	4.82 ng	431961	Naphthalene-d8	8.16

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 3,6-dimethyl-			184	C13H28	017301-28-9	50
2	Undecane, 3-methyl-			170	C12H26	001002-43-3	47
3	Undecane, 5-ethyl-			184	C13H28	017453-94-0	47
4	Decane, 2,5,9-trimethyl-			184	C13H28	062108-22-9	47
5	Sulfurous acid, butyl octyl ester			250	C12H26O3S	1000309-17-5	47



Data Path : Z:\HPCHEM1\BNA F\DATA\BF020618\
Data File : BF102777.D
Acq On : 6 Feb 2018 12:09
Operator : SJ/JU
Sample : J1454-14 5X
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ALS Vial : 7 Sample Multiplier: 1

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ClientSampleId :
8-SAN-10-WW(1-4)

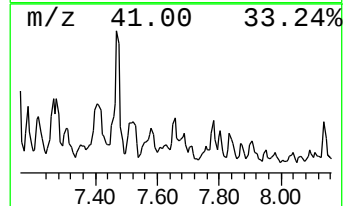
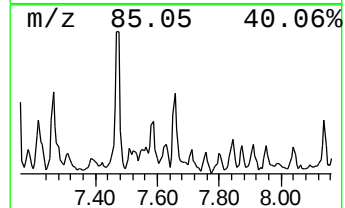
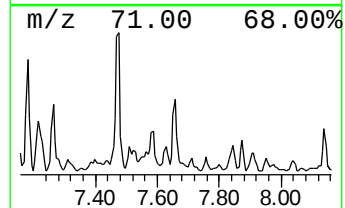
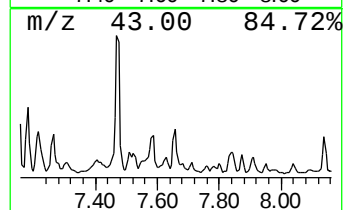
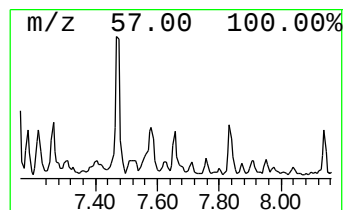
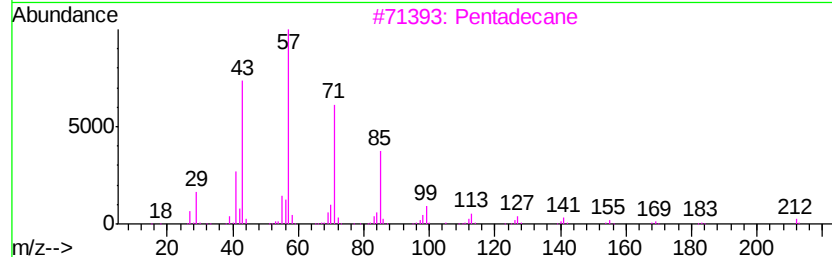
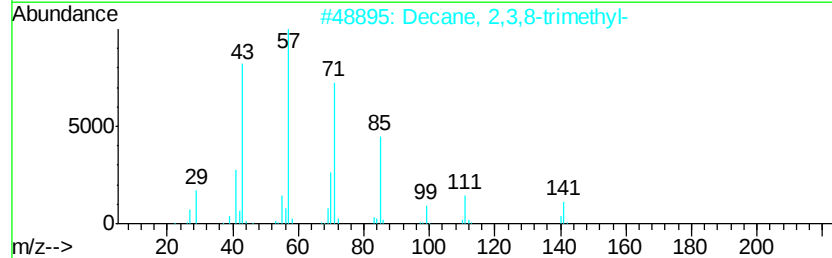
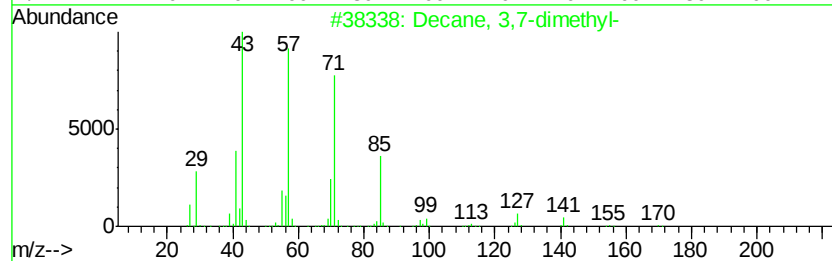
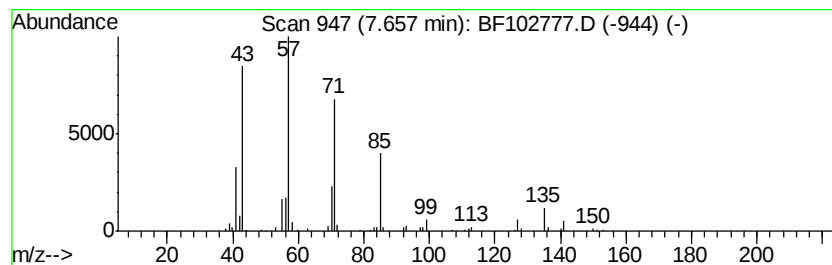
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Decane, 3,7-dimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.66	2.83 ng	253957	Naphthalene-d8	8.16

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane, 3,7-dimethyl-	170	C12H26	017312-54-8	86
2		Decane, 2,3,8-trimethyl-	184	C13H28	062238-14-6	72
3		Pentadecane	212	C15H32	000629-62-9	64
4		Octane, 6-ethyl-2-methyl-	156	C11H24	062016-19-7	59
5		Undecane, 4,6-dimethyl-	184	C13H28	017312-82-2	59



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020618\
Data File : BF102777.D
Acq On : 6 Feb 2018 12:09
Operator : SJ/JU
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ClientSampleId :
8-SAN-10-WW(1-4)

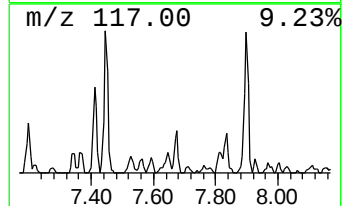
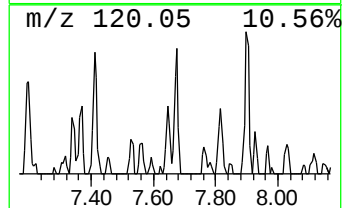
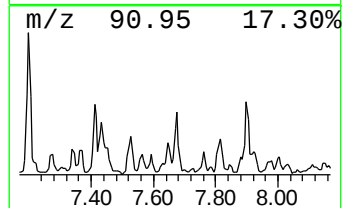
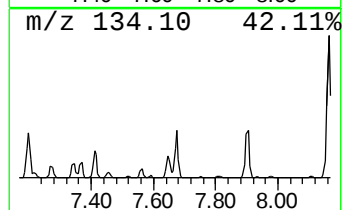
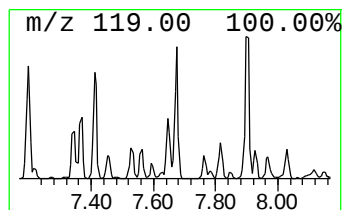
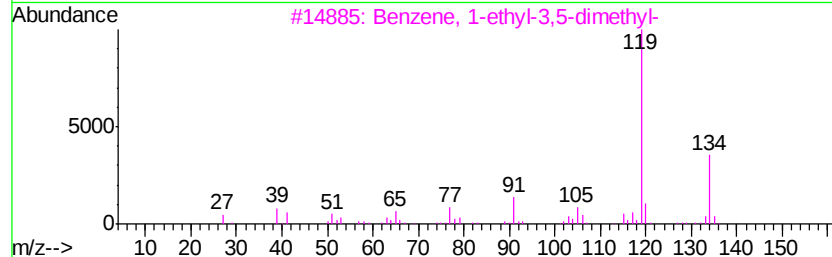
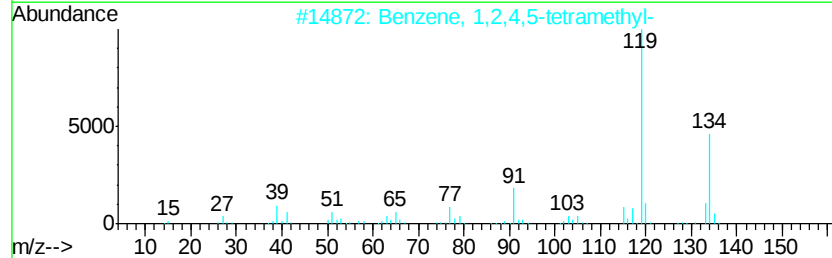
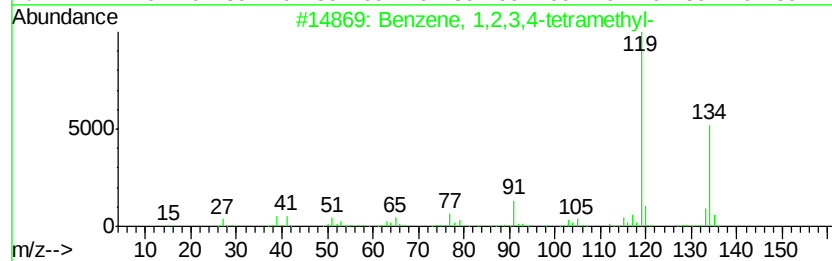
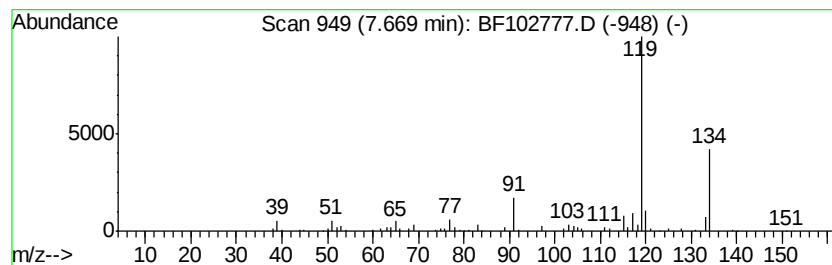
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.67	3.83 ng	343259	Naphthalene-d8	8.16

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	94
2			Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	94
3			Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	90
4			Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	90
5			Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	90



Data Path : Z:\HPCHEM1\BNA F\DATA\BF020618\
Data File : BF102777.D
Acq On : 6 Feb 2018 12:09
Operator : SJ/JU
Sample : J1454-14 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
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ClientSampleId :
8-SAN-10-WW(1-4)

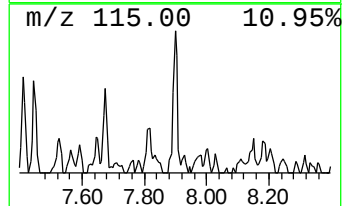
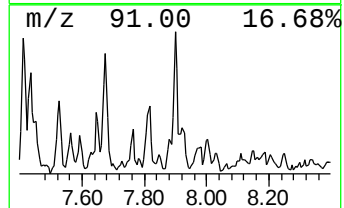
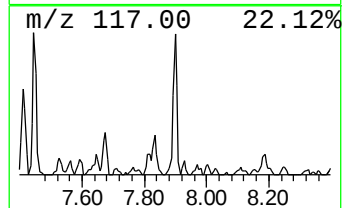
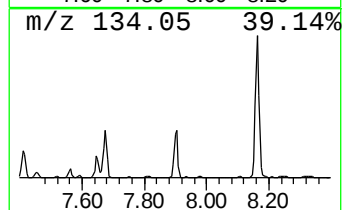
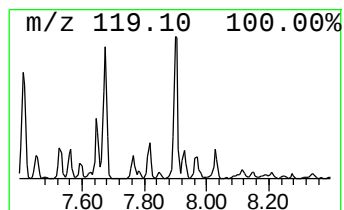
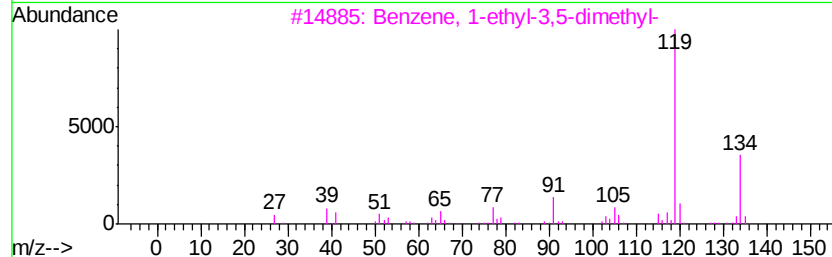
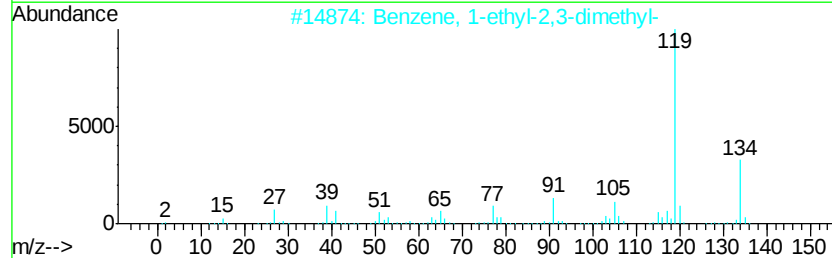
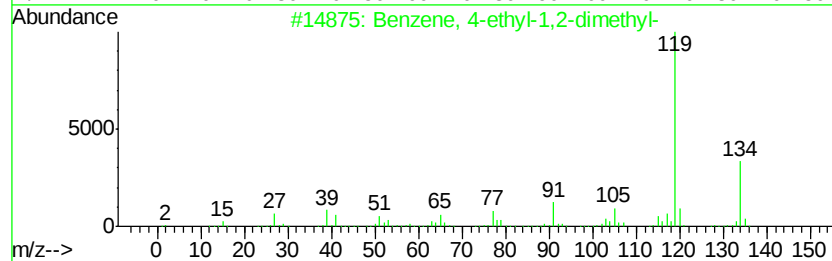
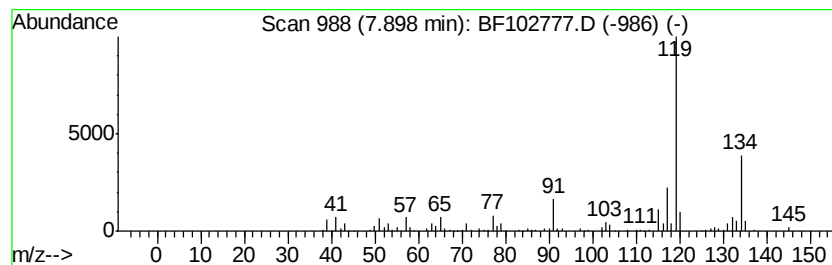
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.90	3.08 ng	276262	Napthalene-d8	8.16

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	87
2			Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	87
3			Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	87
4			Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	87
5			o-Cymene	134	C10H14	000527-84-4	87



Data Path : Z:\HPCHEM1\BNA F\DATA\BF020618\
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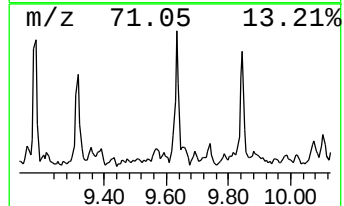
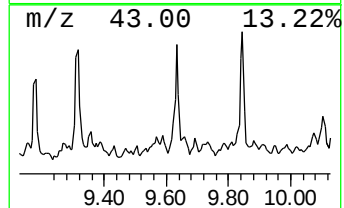
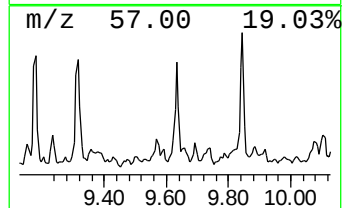
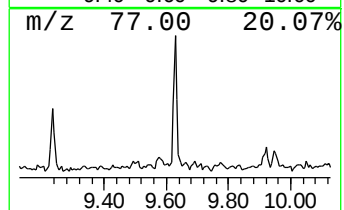
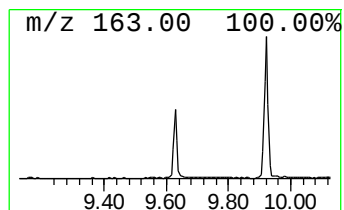
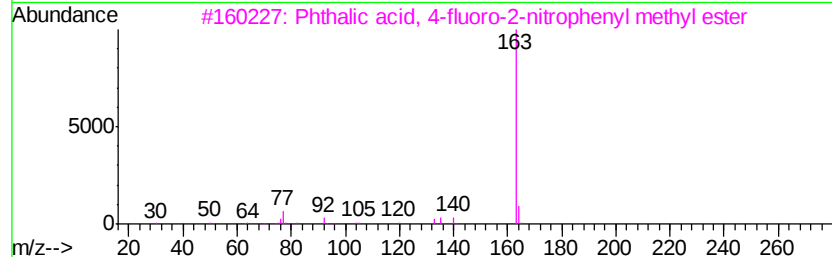
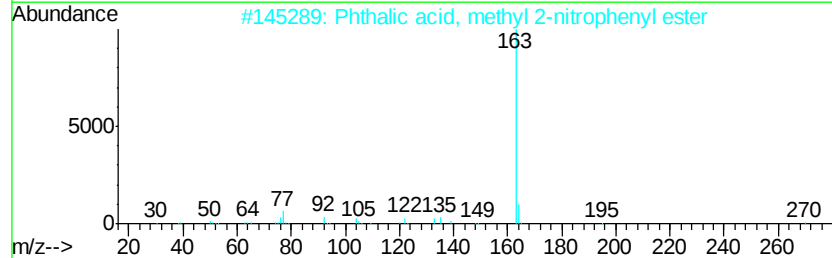
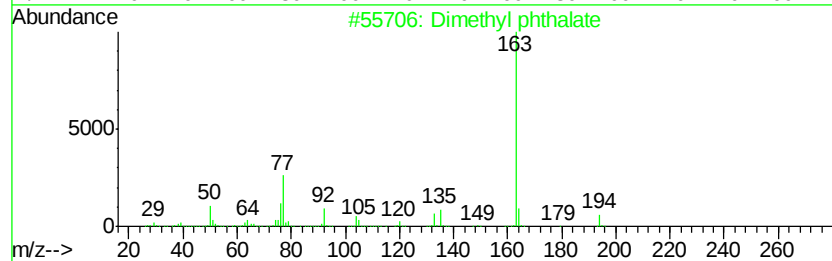
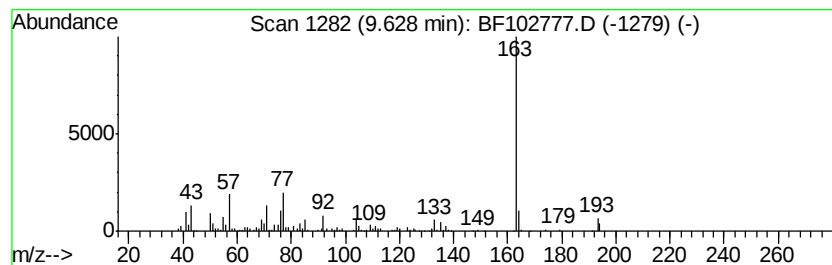
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8-SAN-10-WW(1-4)

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Dimethyl phthalate Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.63	2.73 ng	206171	Acenaphthene-d10	9.92
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Dimethyl phthalate	194 C10H10O4	000131-11-3	93
2	Phthalic acid, methyl 2-nitrophe...	301 C15H11N06	1000315-68-3	78
3	Phthalic acid, 4-fluoro-2-nitrop...	319 C15H10FN06	1000315-63-4	78
4	Phthalic acid, methyl neopentyl ...	250 C14H18O4	1000315-53-9	74
5	Phthalic acid, 4-isopropylphenyl...	298 C18H18O4	1000315-65-7	64



Data Path : Z:\HPCHEM1\BNA F\DATA\BF020618\
Data File : BF102777.D
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Sample : J1454-14 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
8-SAN-10-WW(1-4)

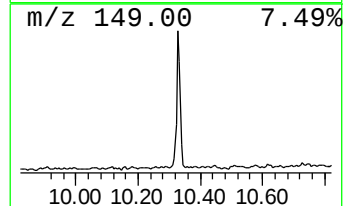
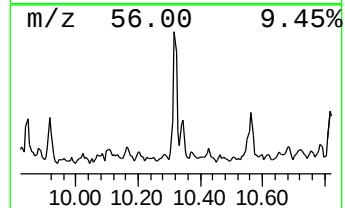
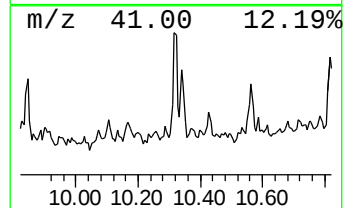
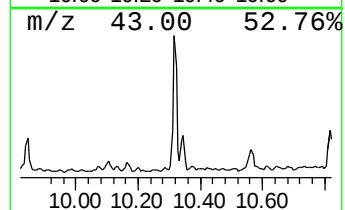
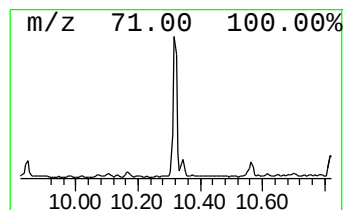
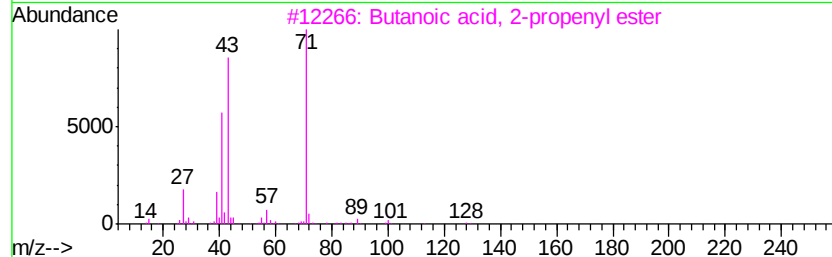
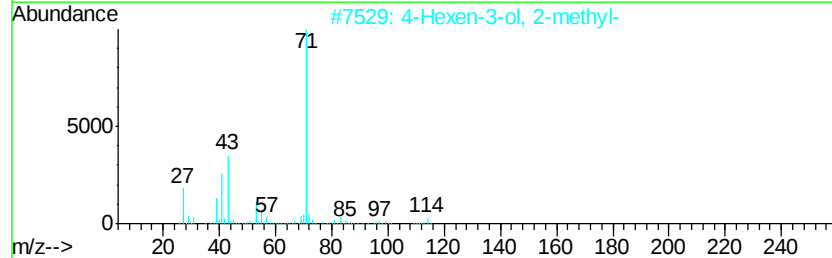
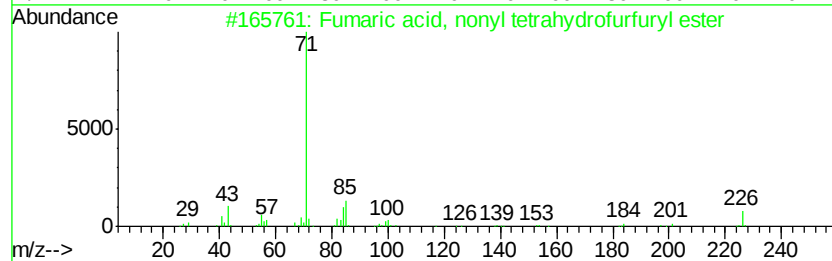
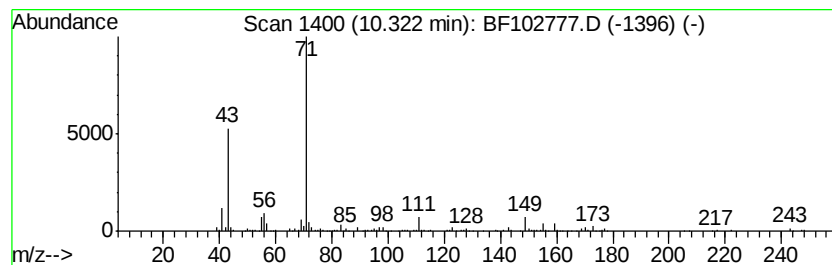
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Fumaric acid, nonyl tetrahy... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.32	4.43 ng	334971	Acenaphthene-d10	9.92

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Fumaric acid, nonyl tetrahydrofu...	326	C18H30O5	1000330-58-3	59
2		4-Hexen-3-ol, 2-methyl-	114	C7H14O	004798-60-1	53
3		Butanoic acid, 2-propenyl ester	128	C7H12O2	002051-78-7	53
4		Butanoic acid, 2-butoxy-1-methyl...	216	C11H20O4	007492-70-8	50
5		Propanoic acid, 2-methyl-, 1,2,3...	302	C15H26O6	014295-64-8	42



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020618\
Data File : BF102777.D
Acq On : 6 Feb 2018 12:09
Operator : SJ/JU
Sample : J1454-14 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
8-SAN-10-WW(1-4)

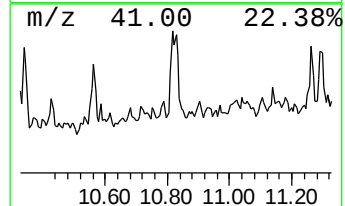
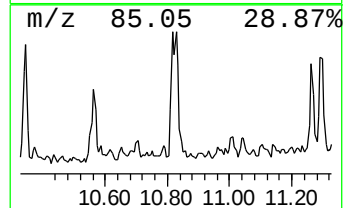
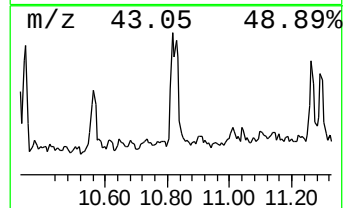
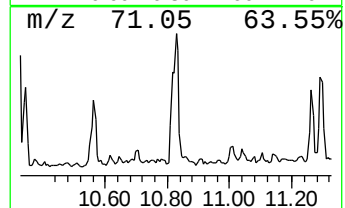
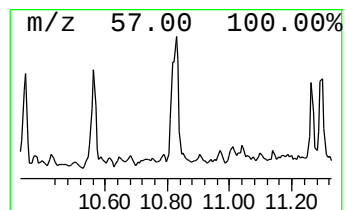
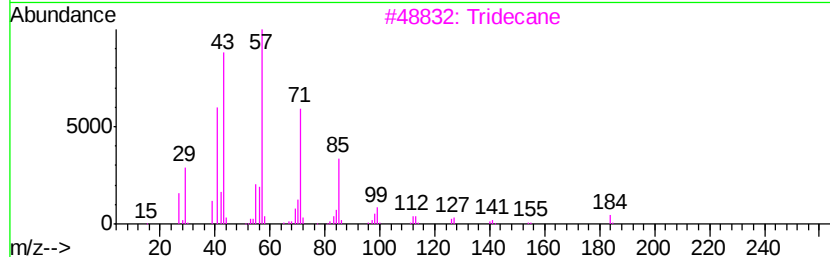
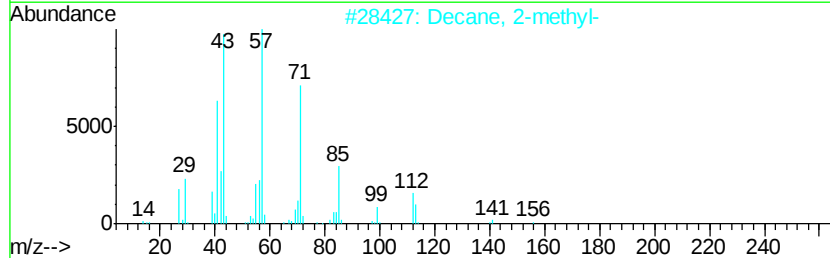
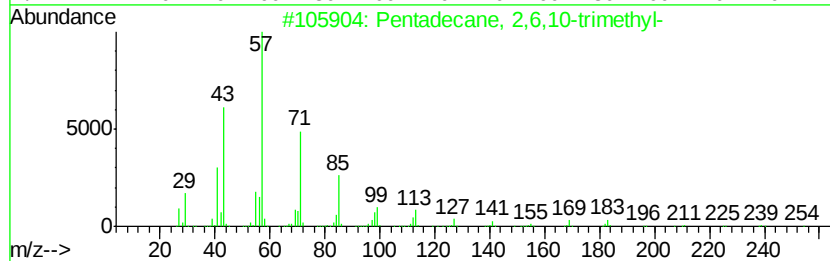
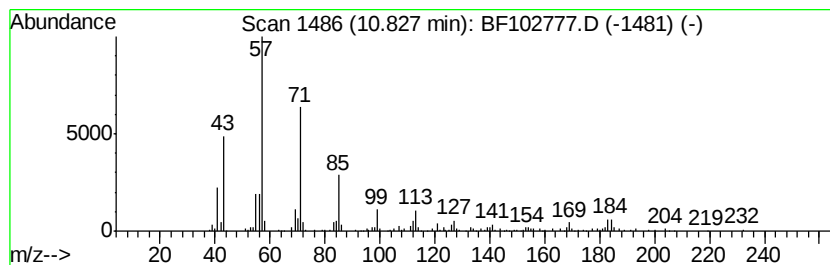
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Pentadecane, 2,6,10-trimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.83	4.04 ng	272442	Phenanthrene-d10	11.40

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	90
2		Decane, 2-methyl-	156	C11H24	006975-98-0	87
3		Tridecane	184	C13H28	000629-50-5	80
4		Dodecane, 3-methyl-	184	C13H28	017312-57-1	70
5		Nonadecane, 1-bromo-	346	C19H39Br	004434-66-6	64



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020618\
 Data File : BF102777.D
 Acq On : 6 Feb 2018 12:09
 Operator : SJ/JU
 Sample : J1454-14 5X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 8-SAN-10-WW(1-4)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Octane, 3,6-dimet...	6.13	5.8	ng	630426	1	6.88	2167350	20.0
Decane, 2,5-dimet...	6.18	3.0	ng	323275	1	6.88	2167350	20.0
4-Octene, 2,6-dim...	6.42	6.6	ng	711699	1	6.88	2167350	20.0
unknown6.65	6.65	19.5	ng	2111140	1	6.88	2167350	20.0
Decane	6.71	6.5	ng	705585	1	6.88	2167350	20.0
Mesitylene	6.94	4.3	ng	467382	1	6.88	2167350	20.0
unknown6.97	6.97	2.6	ng	284577	1	6.88	2167350	20.0
Undecane, 4,6-dim...	6.99	2.8	ng	305350	1	6.88	2167350	20.0
Isobutyl nonyl ca...	7.15	5.6	ng	603436	1	6.88	2167350	20.0
Naphthalene, deca...	7.27	5.8	ng	632911	1	6.88	2167350	20.0
unknown7.53	7.53	4.8	ng	426665	2	8.16	1792960	20.0
Undecane, 3,6-dim...	7.58	4.8	ng	431961	2	8.16	1792960	20.0
Decane, 3,7-dimet...	7.66	2.8	ng	253957	2	8.16	1792960	20.0
Benzene, 1,2,3,4-...	7.67	3.8	ng	343259	2	8.16	1792960	20.0
Benzene, 4-ethyl-...	7.90	3.1	ng	276262	2	8.16	1792960	20.0
Dimethyl phthalate	9.63	2.7	ng	206171	3	9.92	1511140	20.0
Fumaric acid, non...	10.32	4.4	ng	334971	3	9.92	1511140	20.0
Pentadecane, 2,6,...	10.83	4.0	ng	272442	4	11.40	1348690	20.0