

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012615\
 Data File : BF077076.D
 Acq On : 27 Jan 2015 6:32
 Operator : TP/IZ
 Sample : G1137-01
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 104B1A

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-BF011415.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	3.613	217	221	227	rVV3	126765	389724	1.15%	0.092%
2	4.516	297	300	304	rVV2	144676	411454	1.22%	0.097%
3	4.596	304	307	312	rVV	141302	599039	1.77%	0.141%
4	4.676	312	314	320	rVB	190176	458841	1.36%	0.108%
5	4.790	320	324	331	rBV	291267	720792	2.13%	0.170%
6	4.973	336	340	346	rBV4	92608	434323	1.28%	0.102%
7	5.087	346	350	353	rBV	163596	357586	1.06%	0.084%
8	5.156	353	356	369	rVB3	328197	1014968	3.00%	0.239%
9	5.419	369	379	383	rBV	763962	1973266	5.83%	0.465%
10	5.545	386	390	394	rVB3	220167	507800	1.50%	0.120%
11	5.819	409	414	419	rBV4	187442	653717	1.93%	0.154%
12	5.956	423	426	431	rBV3	145624	422663	1.25%	0.099%
13	6.082	431	437	441	rBV3	339586	1039471	3.07%	0.245%
14	6.185	441	446	451	rVB	587420	1515596	4.48%	0.357%
15	6.299	451	456	458	rBV	412121	1037621	3.06%	0.244%
16	6.619	481	484	486	rBV	199978	436549	1.29%	0.103%
17	6.665	486	488	491	rVB	204960	385055	1.14%	0.091%
18	6.745	491	495	497	rBV	760619	1783932	5.27%	0.420%
19	6.790	497	499	503	rVB2	648358	1458135	4.31%	0.343%
20	6.870	503	506	508	rBV2	429999	911649	2.69%	0.215%
21	6.928	508	511	514	rVB	558835	1064356	3.14%	0.251%
22	6.996	514	517	521	rVB2	718719	1632629	4.82%	0.384%
23	7.088	521	525	531	rVB2	768539	2001502	5.91%	0.471%
24	7.179	531	533	535	rBV	247186	483747	1.43%	0.114%
25	7.259	535	540	543	rBV2	492294	1875189	5.54%	0.441%
26	7.316	543	545	548	rVB2	192409	416626	1.23%	0.098%
27	7.419	550	554	558	rBV	1322706	2856287	8.44%	0.672%
28	7.602	564	570	576	rBV	2575384	7179709	21.20%	1.690%
29	7.716	577	580	584	rVB3	211030	676132	2.00%	0.159%
30	7.933	595	599	602	rBV	1422118	3097618	9.15%	0.729%
31	8.002	602	605	610	rVV3	1276329	3127074	9.23%	0.736%
32	8.105	612	614	617	rVB3	278548	526886	1.56%	0.124%
33	8.173	617	620	623	rBV	844104	1760883	5.20%	0.415%
34	8.230	623	625	628	rVB2	363616	647353	1.91%	0.152%

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35	8.299	628	631	635	rVB3	384185	945473	2.79%	0.223%
36	8.368	635	637	640	rVB2	225204	358265	1.06%	0.084%
37	8.436	640	643	646	rBV3	431731	863885	2.55%	0.203%
38	8.505	646	649	653	rBV	754311	1663777	4.91%	0.392%
39	8.631	653	660	663	rBV2	1953545	5345991	15.79%	1.258%
40	8.688	663	665	668	rVB2	570653	1060721	3.13%	0.250%
41	8.779	668	673	679	rVB2	953843	3374420	9.97%	0.794%
42	8.882	679	682	684	rBV	516085	906025	2.68%	0.213%
43	8.939	684	687	689	rBV	517010	1093806	3.23%	0.257%
44	8.996	689	692	698	rVB3	872178	2465977	7.28%	0.581%
45	9.099	698	701	708	rBV2	1575364	4531795	13.38%	1.067%
46	9.316	716	720	722	rBV4	210688	649110	1.92%	0.153%
47	9.431	722	730	742	rVV2	3841782	19018227	56.16%	4.477%
48	9.648	742	749	752	rBV5	1076614	4065326	12.01%	0.957%
49	9.705	752	754	761	rVB	1089160	2914654	8.61%	0.686%
50	9.819	762	764	766	rBV2	277706	440575	1.30%	0.104%
51	9.888	767	770	774	rVB2	652264	1353832	4.00%	0.319%
52	10.025	774	782	783	rBV5	808733	3118664	9.21%	0.734%
53	10.162	791	794	796	rBV	718134	1611264	4.76%	0.379%
54	10.356	807	811	815	rBV2	839248	2791377	8.24%	0.657%
55	10.436	816	818	824	rVB3	783473	2171895	6.41%	0.511%
56	10.825	845	852	858	rBV5	1096817	6976474	20.60%	1.642%
57	11.031	865	870	874	rBV2	2263517	10410108	30.74%	2.451%
58	11.259	882	890	894	rBV	1210860	6984518	20.63%	1.644%
59	12.528	983	1001	1003	rBV6	4638254	30729967	90.75%	7.234%
60	13.145	1049	1055	1064	rBV7	924741	6363834	18.79%	1.498%
61	13.557	1085	1091	1102	rVB2	2617364	18150287	53.60%	4.273%
62	14.071	1130	1136	1142	rVB6	1083889	5367246	15.85%	1.263%
63	15.260	1227	1240	1242	rBV	5277716	26918067	79.49%	6.337%
64	15.797	1279	1287	1295	rBV5	3022607	21569097	63.70%	5.078%
65	16.323	1324	1333	1340	rBV	6216761	29099746	85.94%	6.850%
66	16.677	1358	1364	1368	rBV	3787491	15616562	46.12%	3.676%
67	17.157	1397	1406	1410	rBV3	6694008	33861388	100.00%	7.971%
68	17.546	1438	1440	1447	rVB5	1599724	5067521	14.97%	1.193%
69	17.820	1456	1464	1465	rBV2	6070120	23462966	69.29%	5.523%
70	18.414	1510	1516	1517	rBV	5886629	14187397	41.90%	3.340%
71	18.449	1517	1519	1520	rBV	247675	359975	1.06%	0.085%

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72	18.483	1520	1522	1523	rBV2	1078717	1612991	4.76%	0.380%
73	18.952	1556	1563	1564	rVV	5766735	15636859	46.18%	3.681%
74	18.986	1564	1566	1572	rVB5	701295	1950030	5.76%	0.459%
75	19.226	1583	1587	1589	rBV2	2133654	5305310	15.67%	1.249%
76	19.329	1594	1596	1598	rVB	1315715	1947228	5.75%	0.458%
77	19.443	1601	1606	1608	rVB	5164665	11655578	34.42%	2.744%
78	19.660	1623	1625	1628	rVB3	855241	1601313	4.73%	0.377%
79	19.752	1631	1633	1635	rBV2	761583	1049530	3.10%	0.247%
80	19.797	1635	1637	1640	rVB2	1135667	1849160	5.46%	0.435%
81	19.900	1641	1646	1648	rBV	5268667	9195811	27.16%	2.165%
82	20.015	1654	1656	1658	rBV2	428820	538765	1.59%	0.127%
83	20.335	1680	1684	1686	rVB	3572344	5201341	15.36%	1.224%
84	20.460	1693	1695	1699	rVB3	341547	758018	2.24%	0.178%
85	20.757	1718	1721	1725	rVB	2693390	3327923	9.83%	0.783%
86	21.157	1752	1756	1759	rVB	1471248	2104402	6.21%	0.495%
87	21.558	1788	1791	1793	rVB	559891	866726	2.56%	0.204%
88	21.935	1821	1824	1832	rVB	339354	464158	1.37%	0.109%

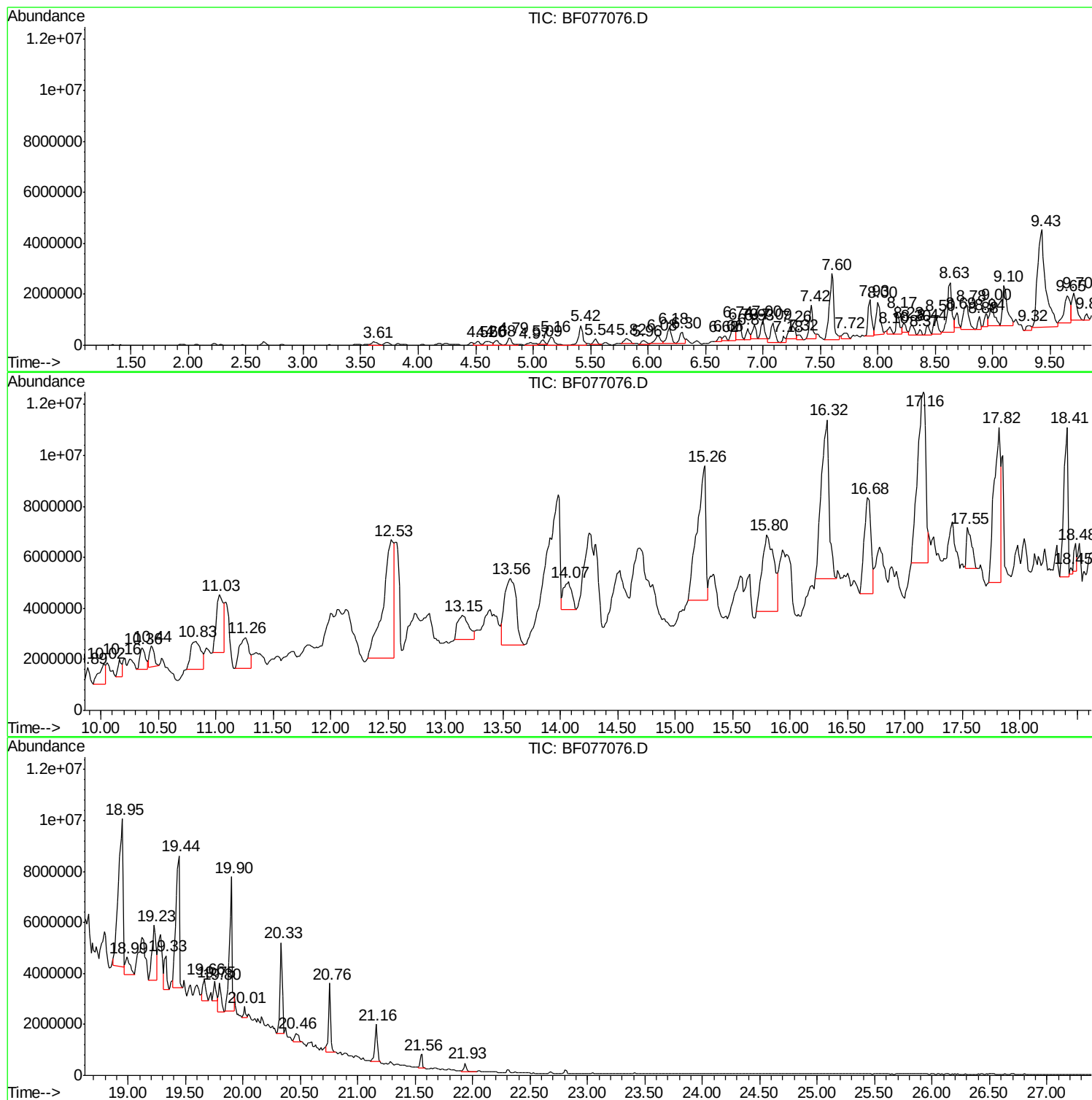
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF011415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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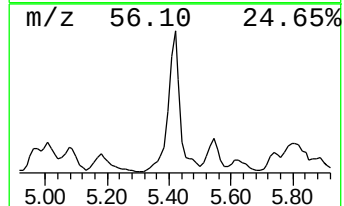
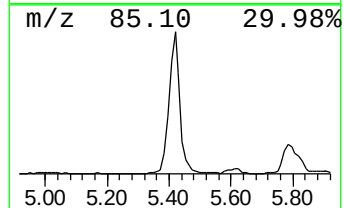
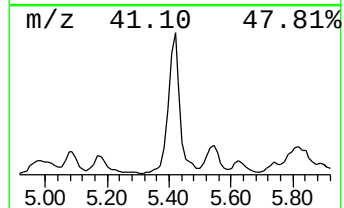
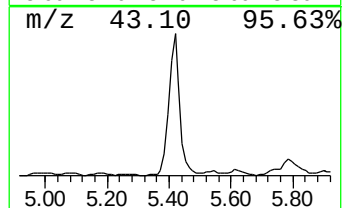
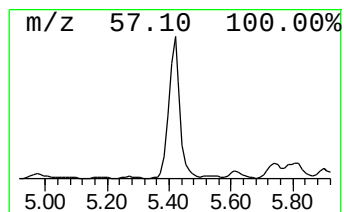
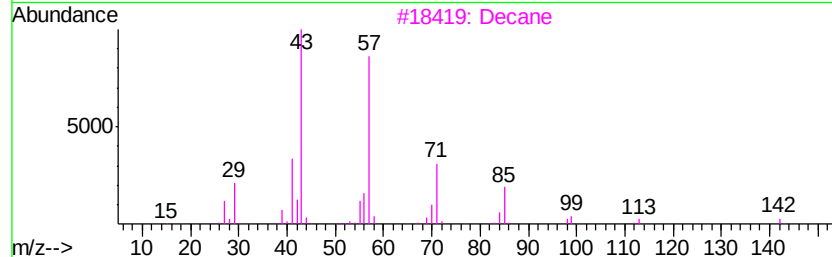
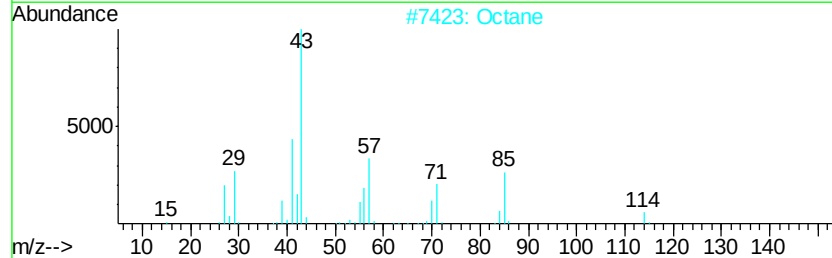
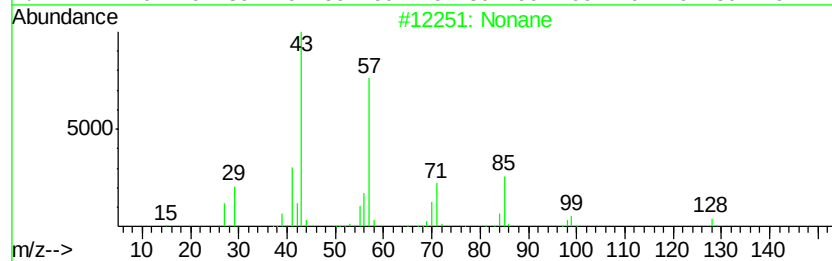
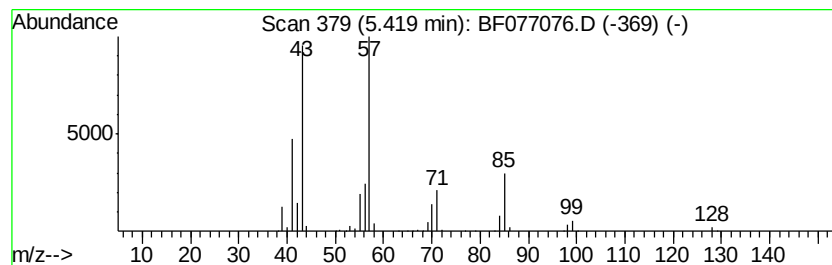
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF011415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Nonane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.42	58.37 ng	1973270	1,4-Dichlorobenzene-d4	7.78

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonane	128	C9H20	000111-84-2	72
2		Octane	114	C8H18	000111-65-9	64
3		Decane	142	C10H22	000124-18-5	59
4		Hexadecane	226	C16H34	000544-76-3	59
5		Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	59



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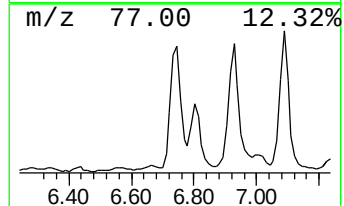
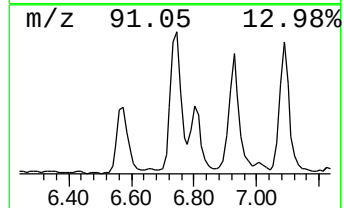
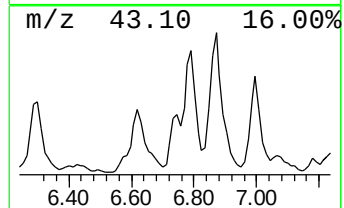
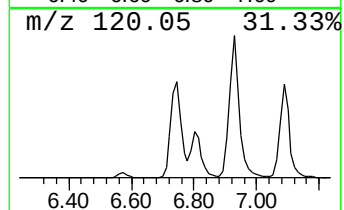
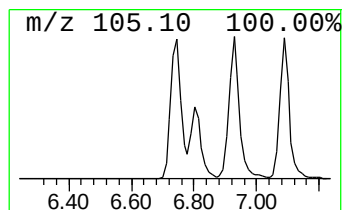
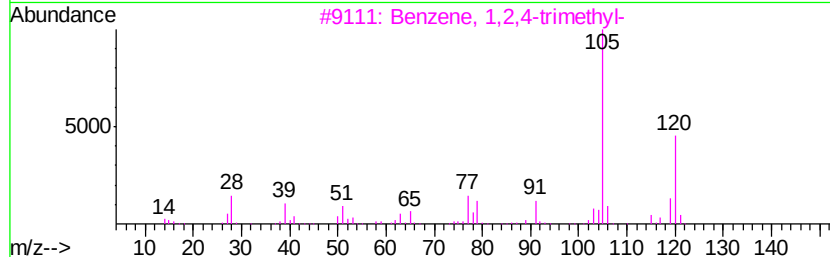
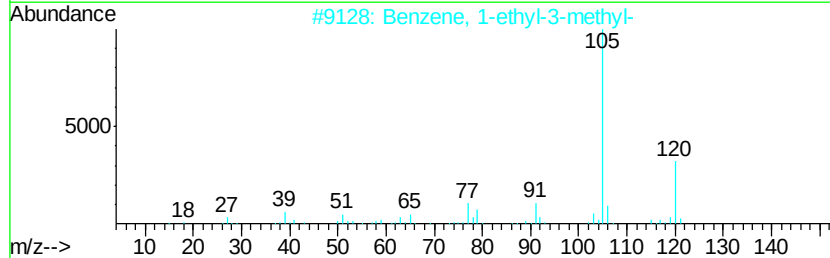
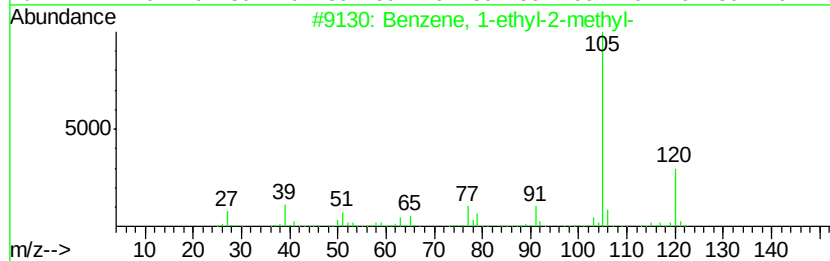
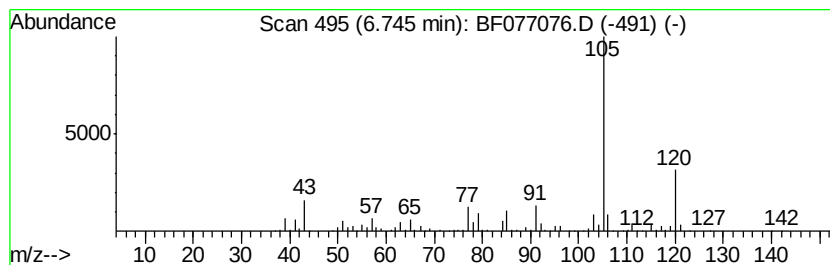
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 Benzene, 1-ethyl-2-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.74	52.77 ng	1783930	1,4-Dichlorobenzene-d4	7.78

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
2		Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	94
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		Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	76



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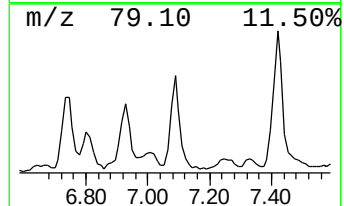
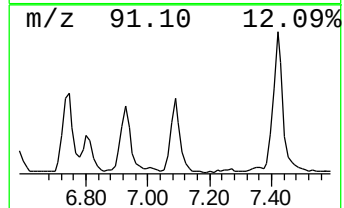
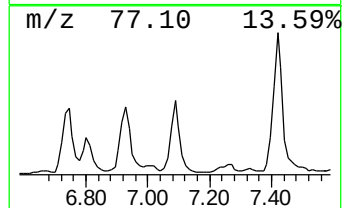
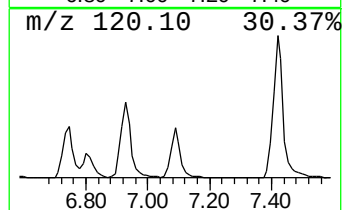
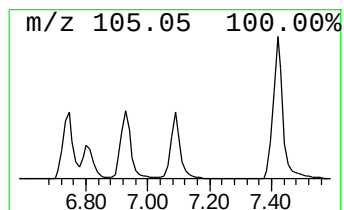
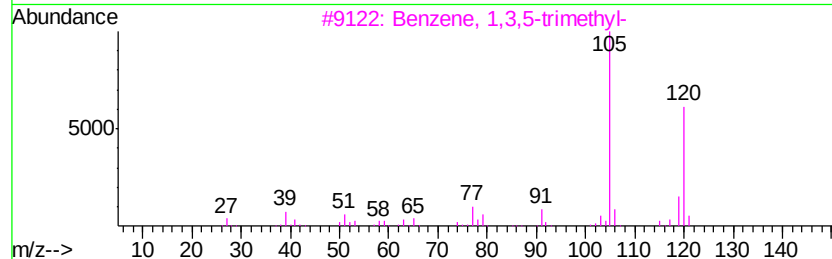
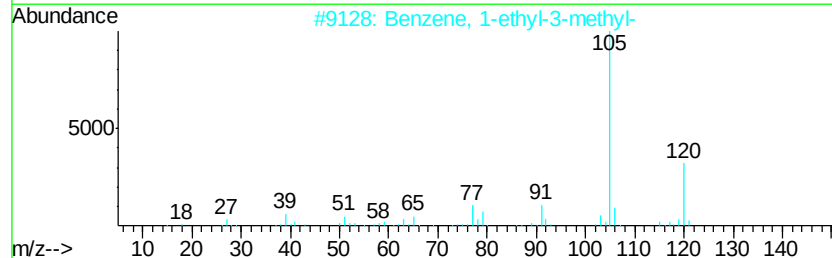
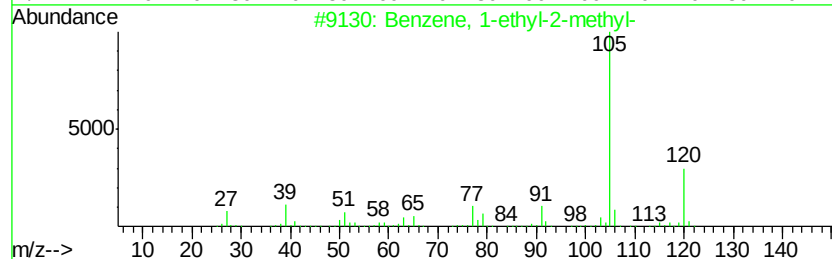
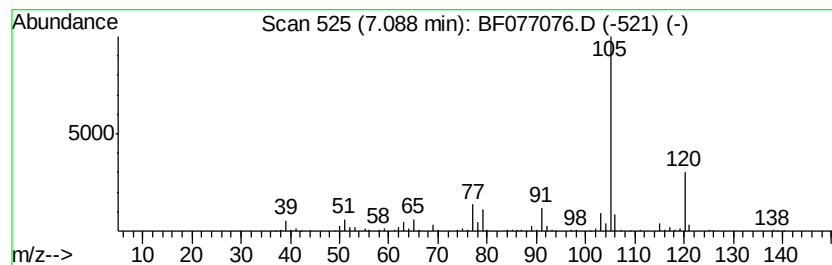
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 Benzene, 1-ethyl-3-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.09	59.20 ng	2001500	1,4-Dichlorobenzene-d4	7.78

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
2		Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
3		Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	91
4		Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
5		Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91



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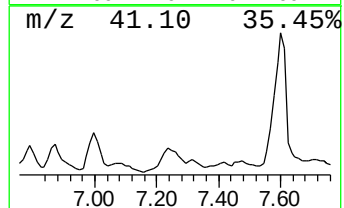
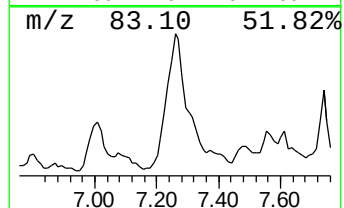
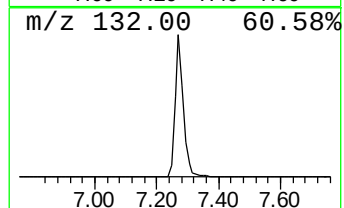
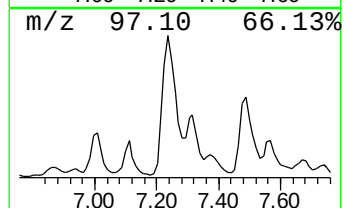
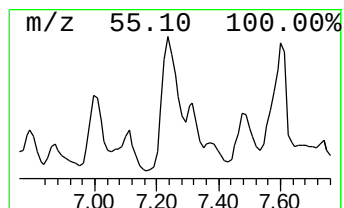
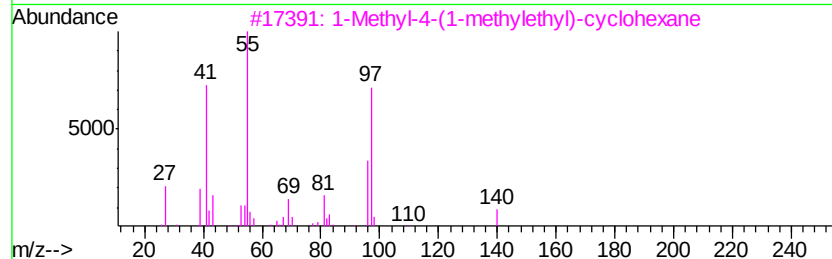
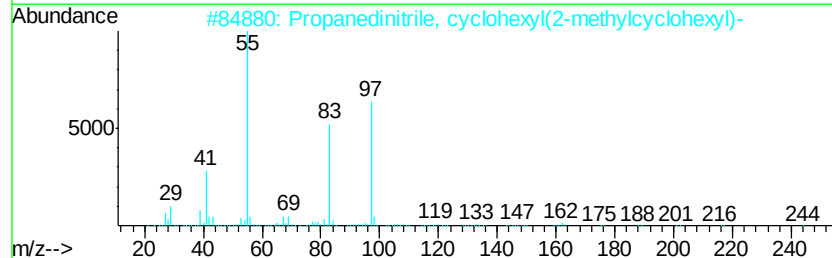
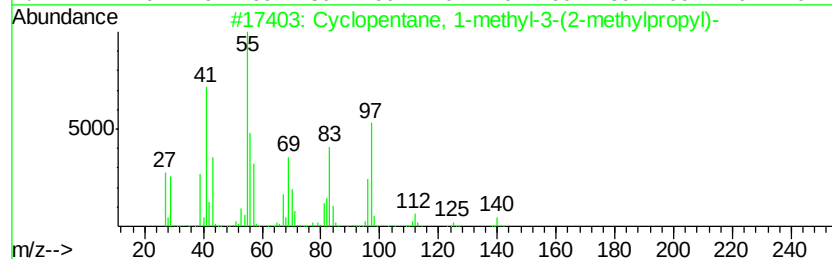
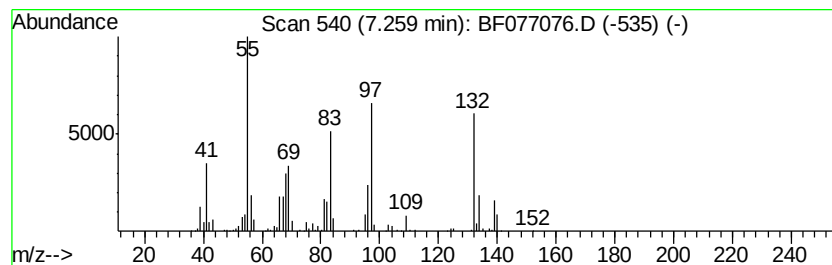
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 unknown7.26 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.26	55.47 ng	1875190	1,4-Dichlorobenzene-d4	7.78

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopentane, 1-methyl-3-(2-meth...	140	C10H20	029053-04-1	46
2		Propanedinitrile, cyclohexyl(2-m...	244	C16H24N2	074764-55-9	35
3		1-Methyl-4-(1-methylethyl)-cyclo...	140	C10H20	000099-82-1	30
4		1-Azabicyclo[2.2.2]octan-3-one	125	C7H11NO	003731-38-2	22
5		Ethanone, 1-(1-methylcyclohexyl)-	140	C9H16O	002890-62-2	22



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012615\
Data File : BF077076.D
Acq On : 27 Jan 2015 6:32
Operator : TP/IZ
Sample : G1137-01
Misc :
ALS Vial : 30 Sample Multiplier: 1

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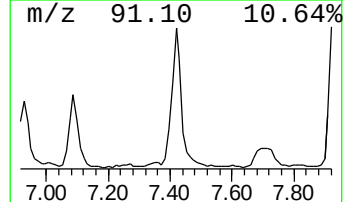
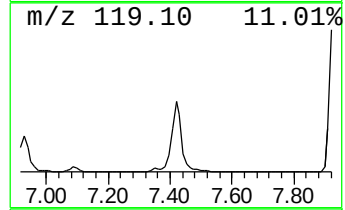
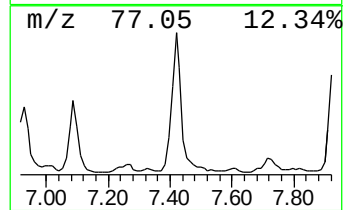
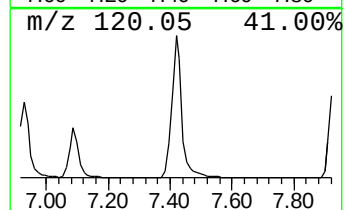
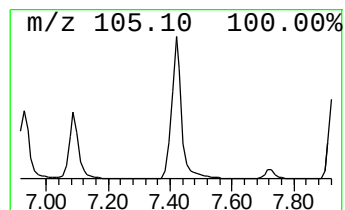
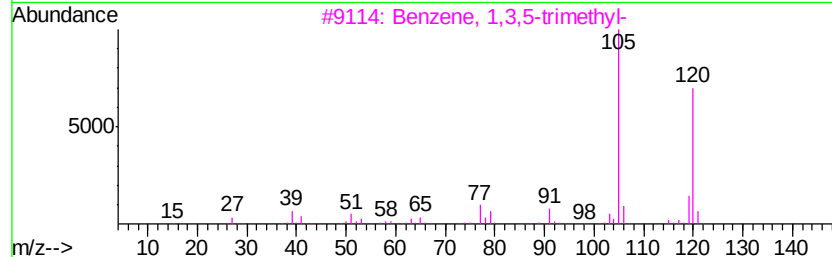
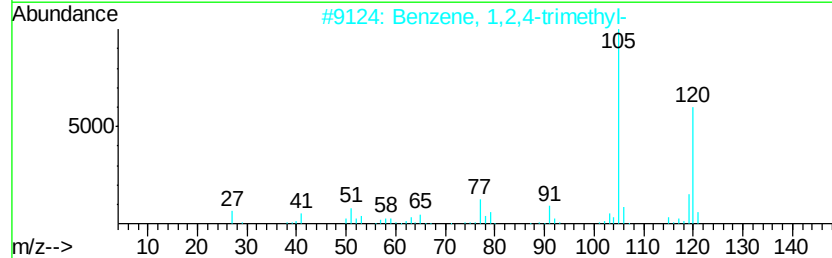
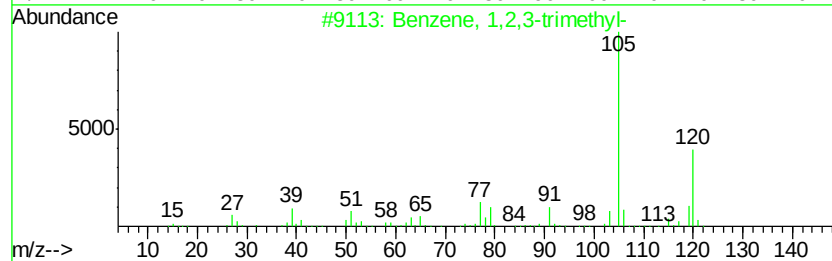
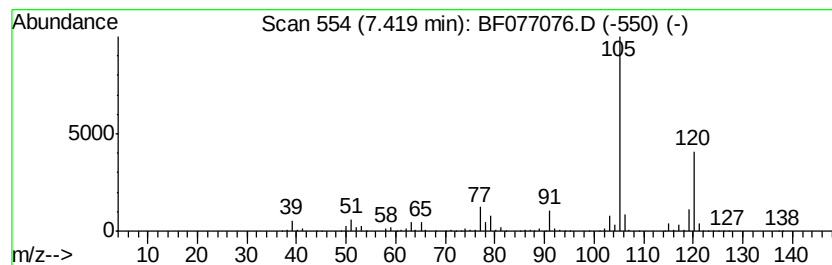
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Benzene, 1,2,3-trimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.42	84.49 ng	2856290	1,4-Dichlorobenzene-d4	7.78

Hit# of	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
2	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
3	Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	91
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	90
5	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	87



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012615\
Data File : BF077076.D
Acq On : 27 Jan 2015 6:32
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Sample : G1137-01
Misc :
ALS Vial : 30 Sample Multiplier: 1

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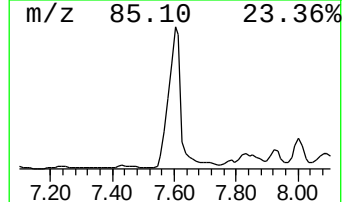
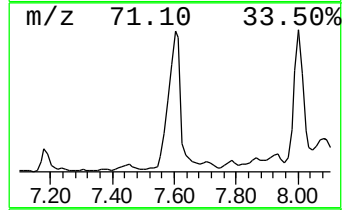
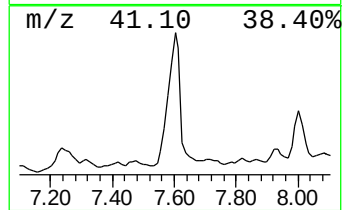
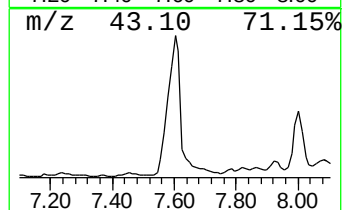
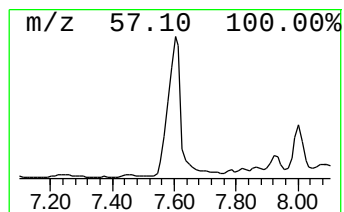
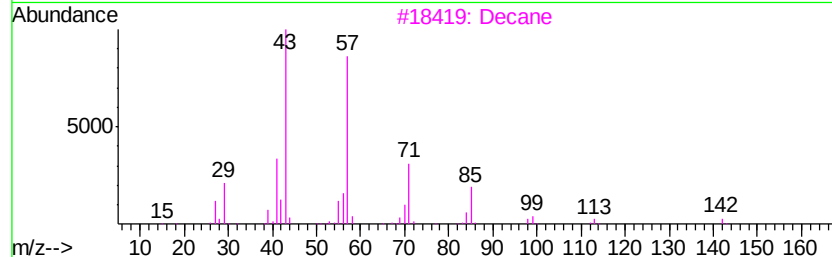
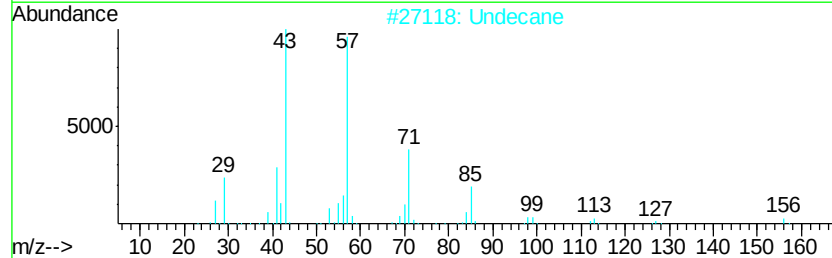
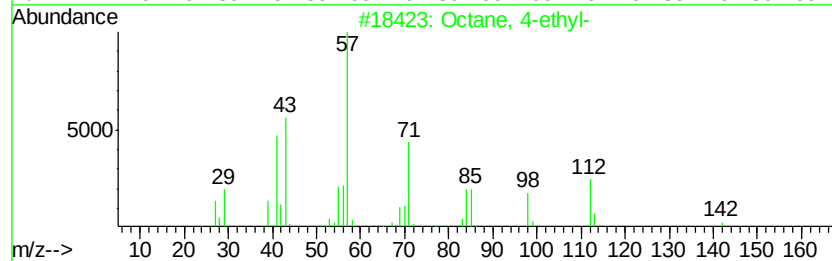
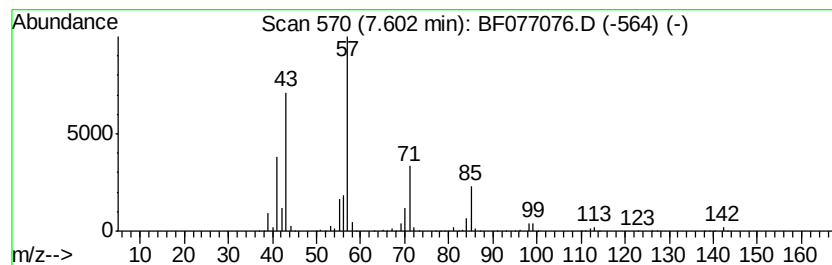
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Octane, 4-ethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.60	212.38 ng	7179710	1,4-Dichlorobenzene-d4	7.78

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 4-ethyl-		142	C10H22	015869-86-0	72
2	Undecane		156	C11H24	001120-21-4	72
3	Decane		142	C10H22	000124-18-5	72
4	Nonane		128	C9H20	000111-84-2	72
5	Tridecane		184	C13H28	000629-50-5	64



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012615\
Data File : BF077076.D
Acq On : 27 Jan 2015 6:32
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Sample : G1137-01
Misc :
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ClientSampleId :
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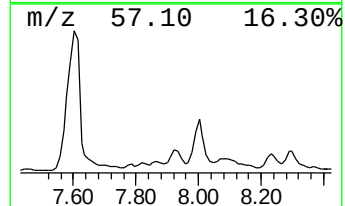
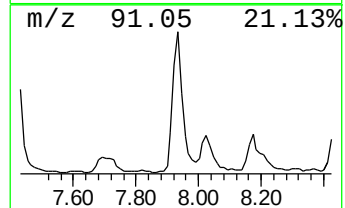
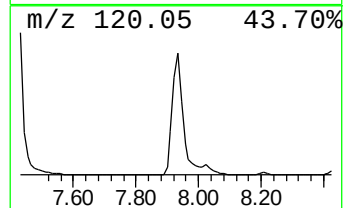
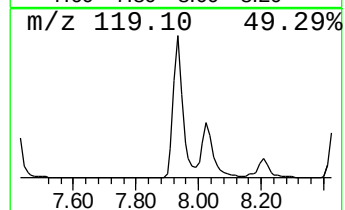
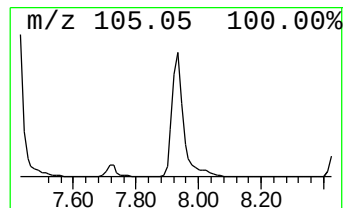
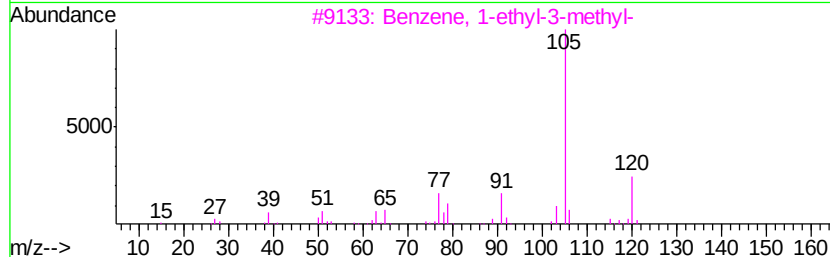
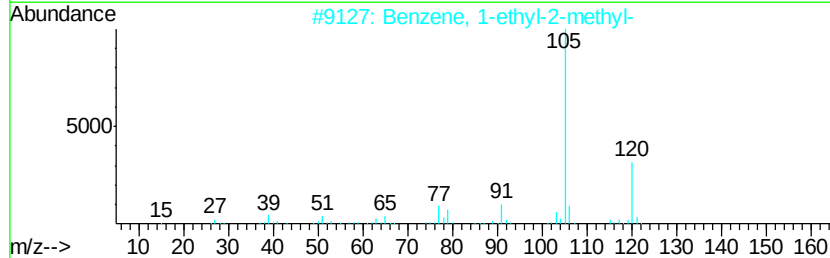
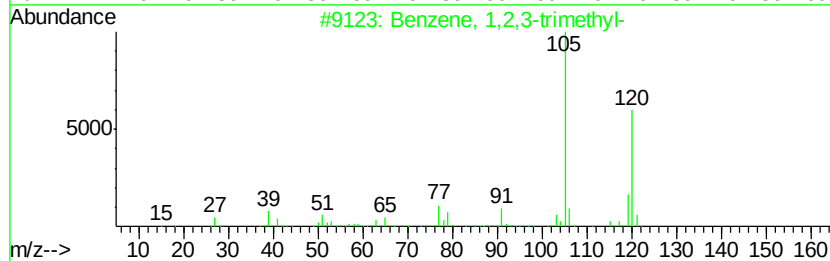
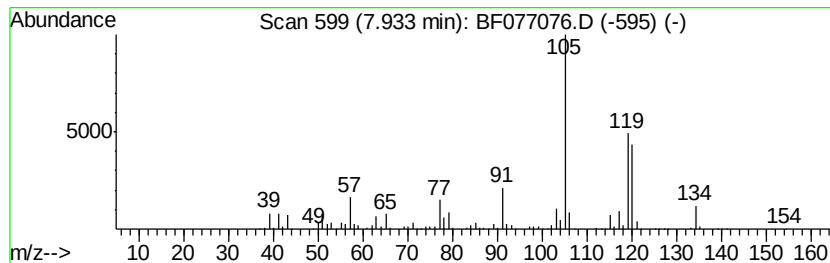
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Benzene, 1,3,5-trimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.93	91.63 ng	3097620	1,4-Dichlorobenzene-d4	7.78

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	64
2		Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	60
3		Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	60
4		Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	58
5		Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	55



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012615\
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Acq On : 27 Jan 2015 6:32
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Misc :
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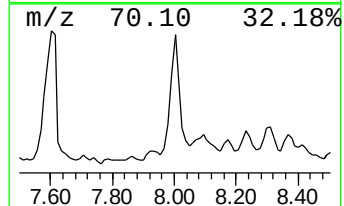
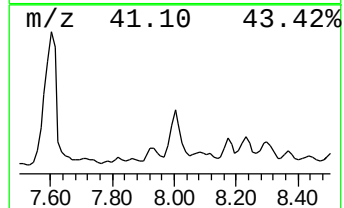
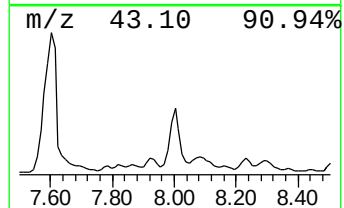
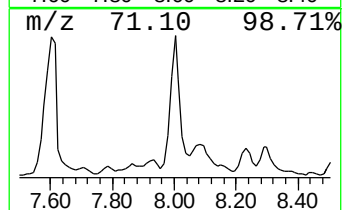
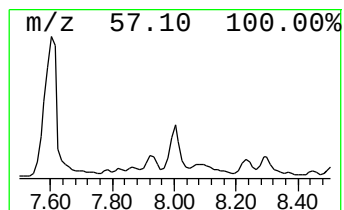
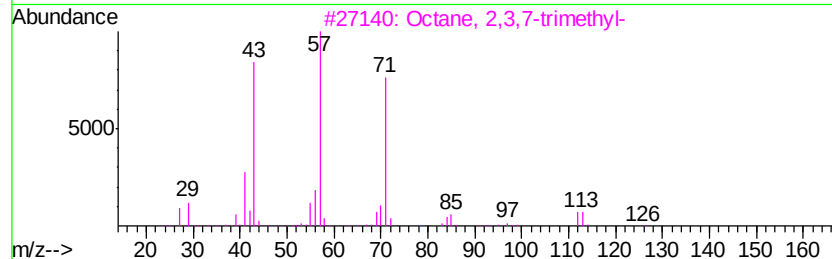
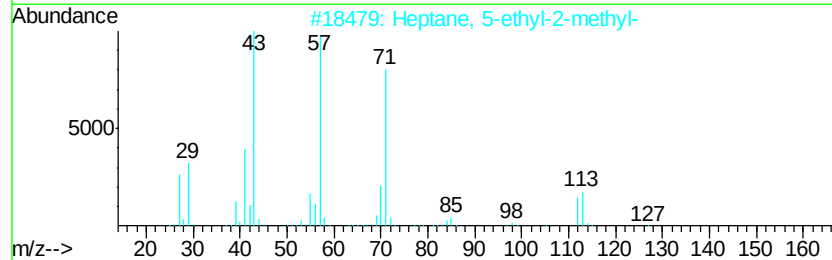
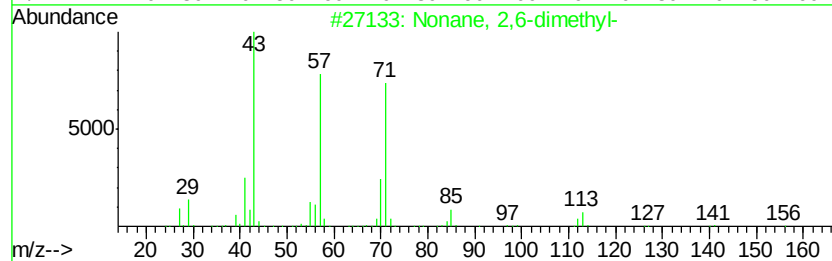
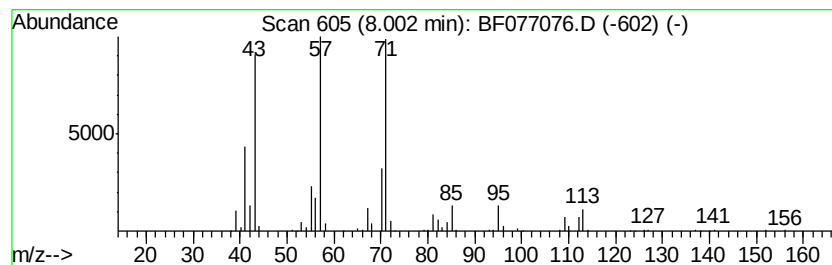
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Nonane, 2,6-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.00	92.50 ng	3127070	1,4-Dichlorobenzene-d4	7.78

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonane, 2,6-dimethyl-	156	C11H24	017302-28-2	78
2		Heptane, 5-ethyl-2-methyl-	142	C10H22	013475-78-0	72
3		Octane, 2,3,7-trimethyl-	156	C11H24	062016-34-6	64
4		Decane, 4-methyl-	156	C11H24	002847-72-5	64
5		Octane, 3-ethyl-	142	C10H22	005881-17-4	64



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012615\
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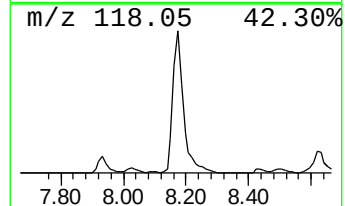
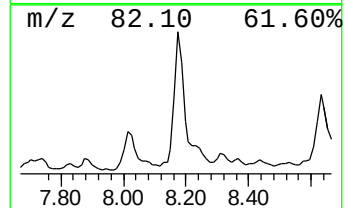
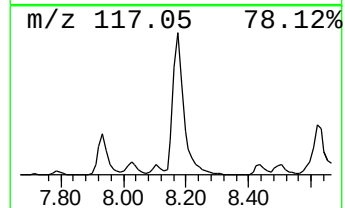
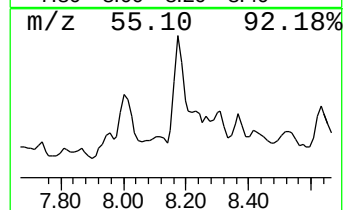
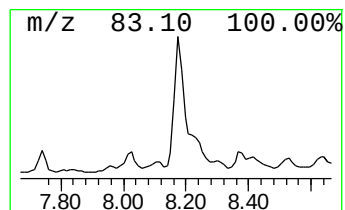
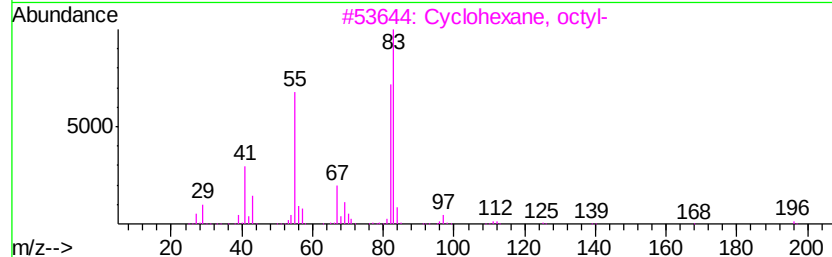
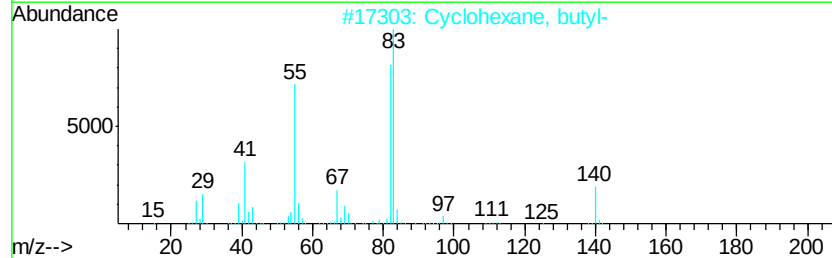
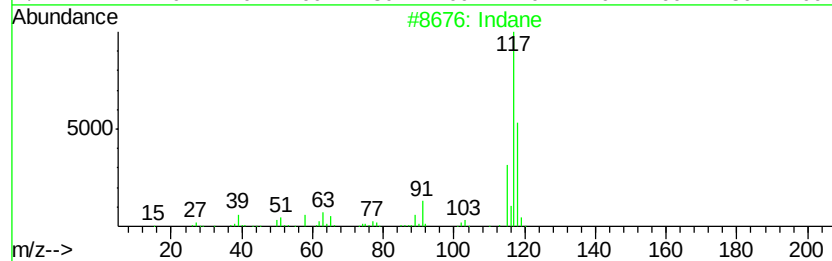
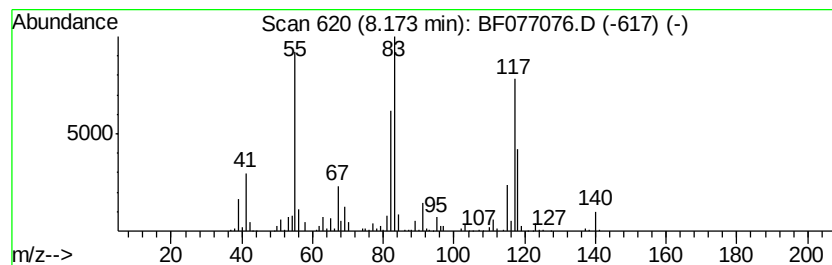
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Indane Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.17	52.09 ng	1760880	1,4-Dichlorobenzene-d4	7.78
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Indane		118 C9H10	000496-11-7 80
2	Cyclohexane, butyl-		140 C10H20	001678-93-9 50
3	Cyclohexane, octyl-		196 C14H28	001795-15-9 43
4	Cyclohexane, (2-methylpropyl)-		140 C10H20	001678-98-4 43
5	Cyclohexane, 2-propenyl-		124 C9H16	002114-42-3 43



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012615\
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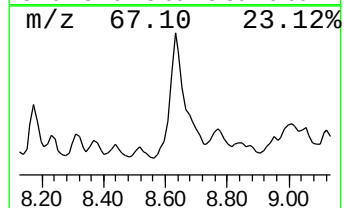
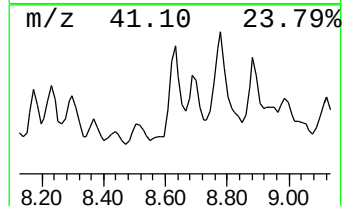
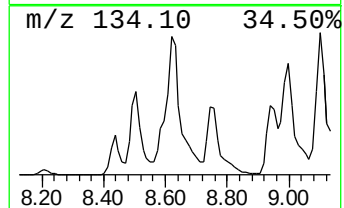
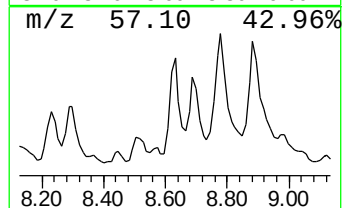
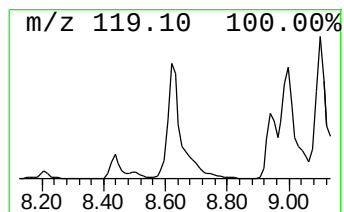
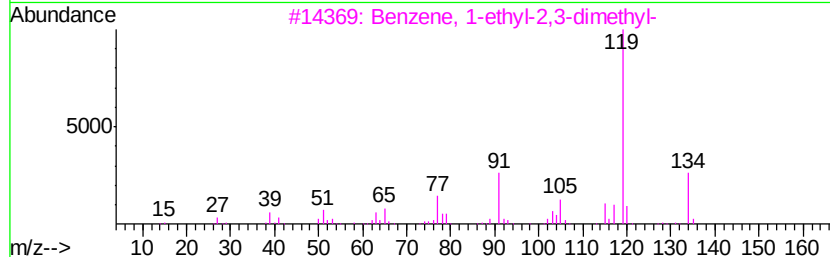
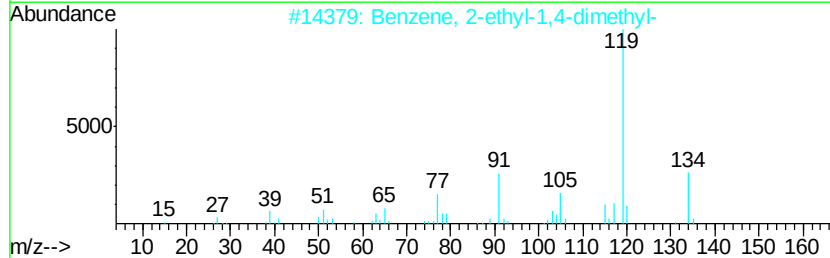
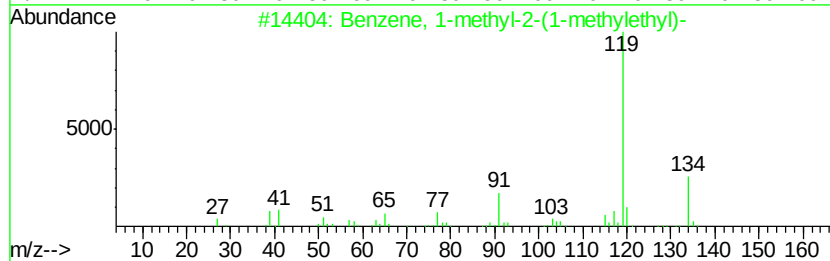
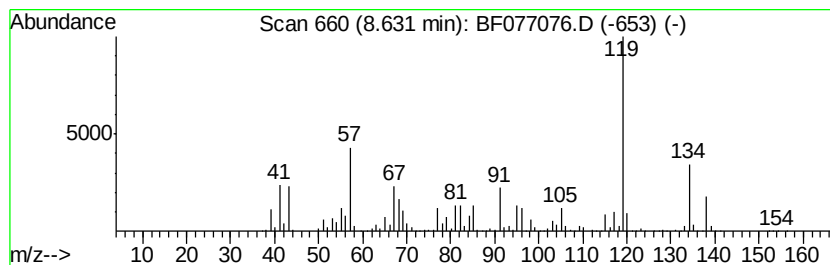
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.63	158.14 ng	5345990	1,4-Dichlorobenzene-d4	7.78

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	93
2		Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	93
3		Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	93
4		Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	92
5		Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	91



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012615\
Data File : BF077076.D
Acq On : 27 Jan 2015 6:32
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Sample : G1137-01
Misc :
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ClientSampleId :
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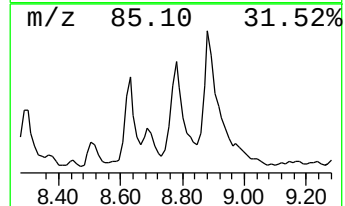
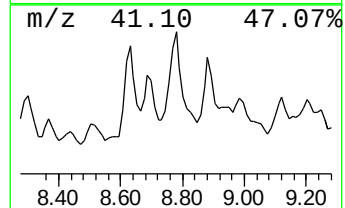
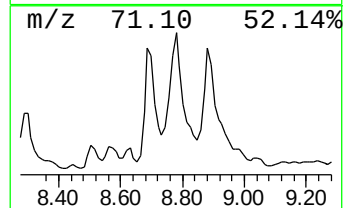
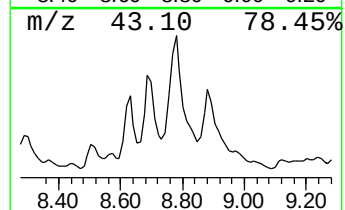
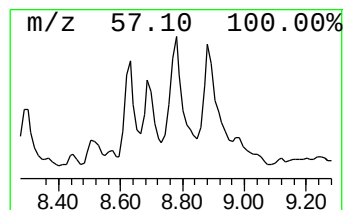
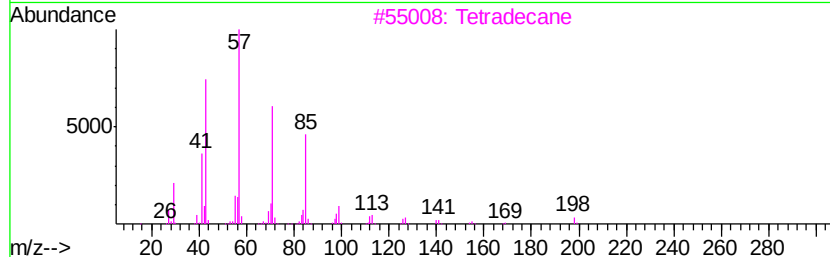
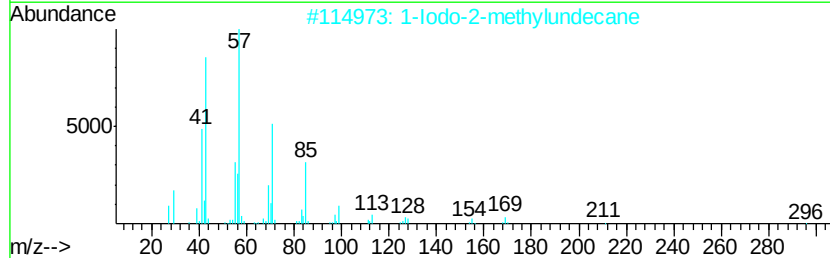
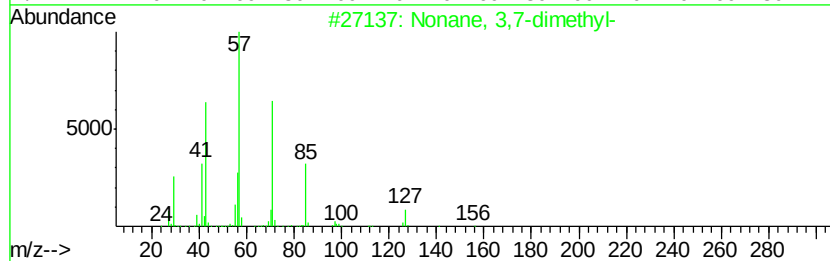
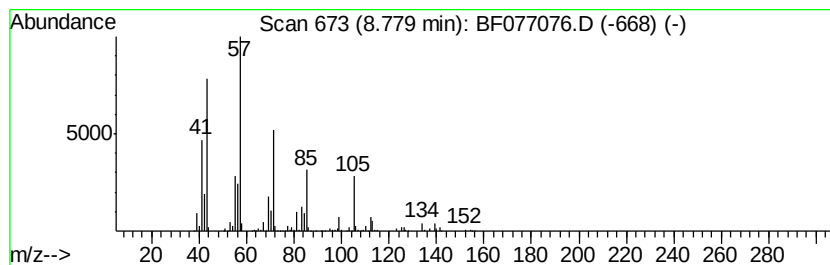
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Nonane, 3,7-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.78	99.82 ng	3374420	1,4-Dichlorobenzene-d4	7.78

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	60
2		1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	53
3		Tetradecane	198	C14H30	000629-59-4	50
4		Undecane, 3,7-dimethyl-	184	C13H28	017301-29-0	50
5		Octane, 3-ethyl-2,7-dimethyl-	170	C12H26	062183-55-5	50



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012615\
Data File : BF077076.D
Acq On : 27 Jan 2015 6:32
Operator : TP/IZ
Sample : G1137-01
Misc :
ALS Vial : 30 Sample Multiplier: 1

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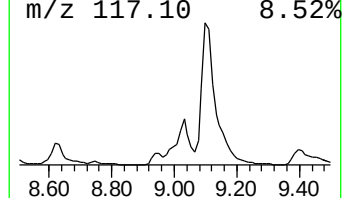
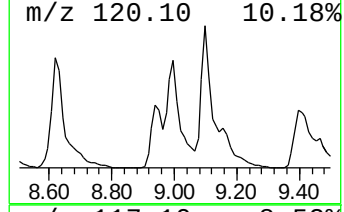
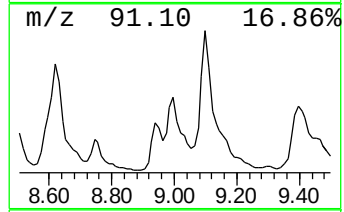
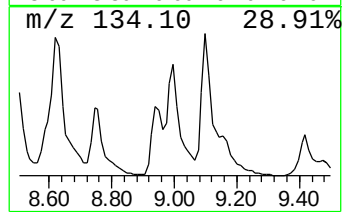
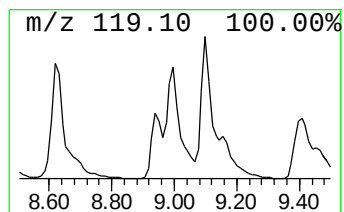
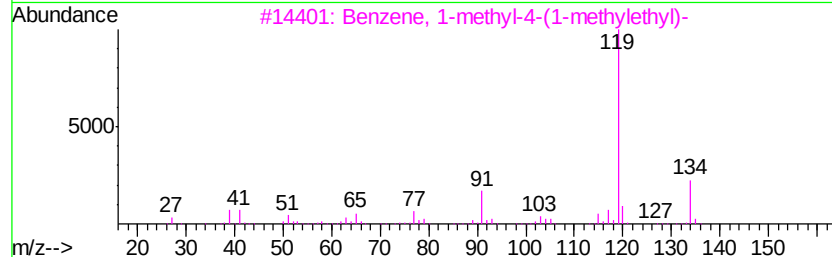
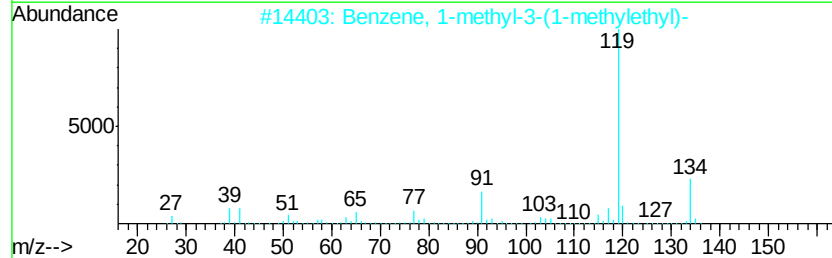
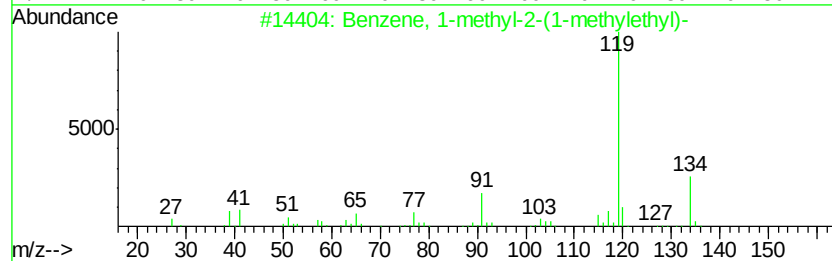
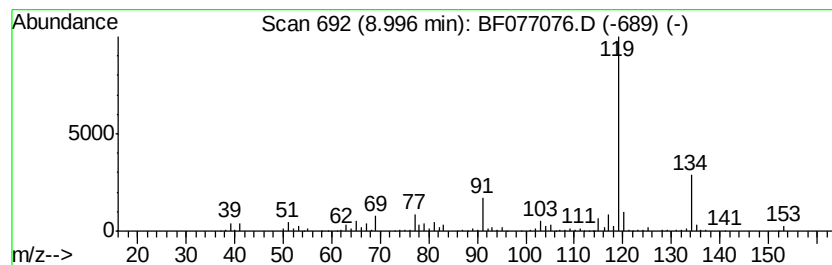
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Benzene, 1-methyl-2-(1-meth... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.00	72.94 ng	2465980	1,4-Dichlorobenzene-d4	7.78

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	97
2		Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	95
3		Benzene, 1-methyl-4-(1-methyleth...	134	C10H14	000099-87-6	95
4		Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	91
5		Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	91



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012615\
Data File : BF077076.D
Acq On : 27 Jan 2015 6:32
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Instrument :
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ClientSampleId :
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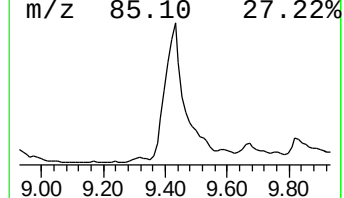
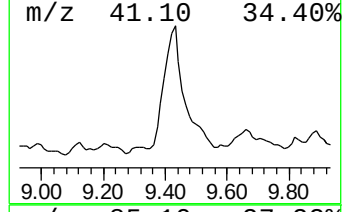
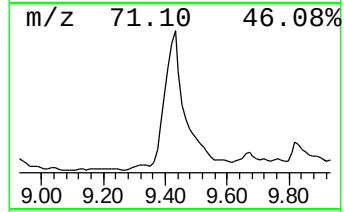
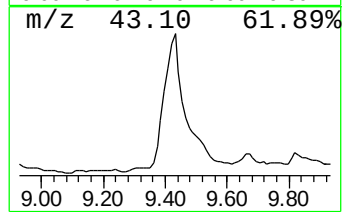
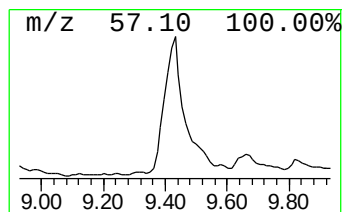
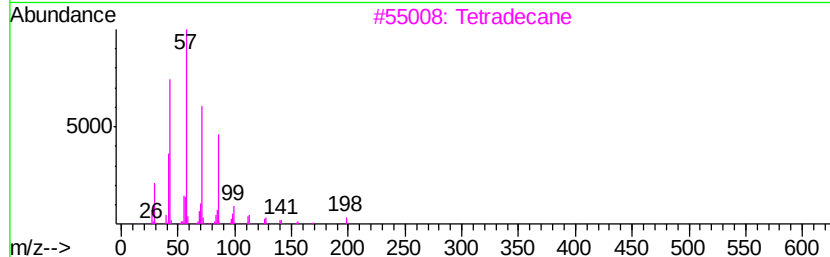
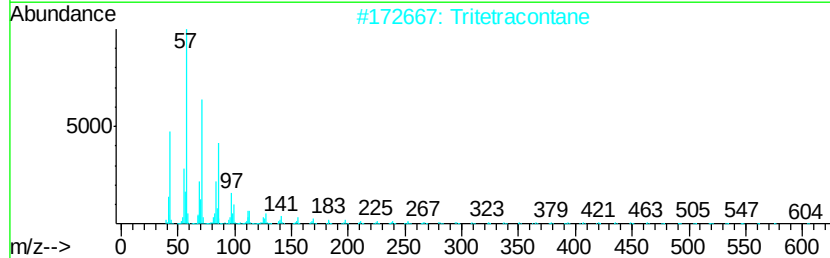
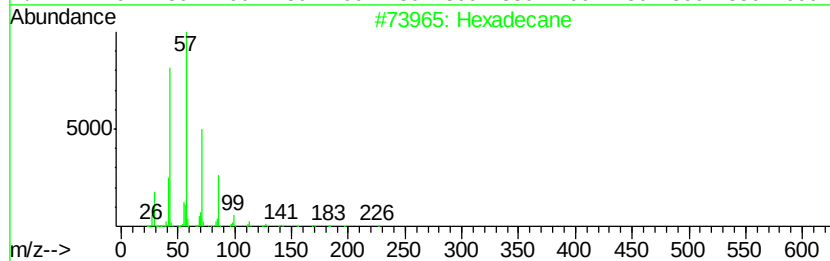
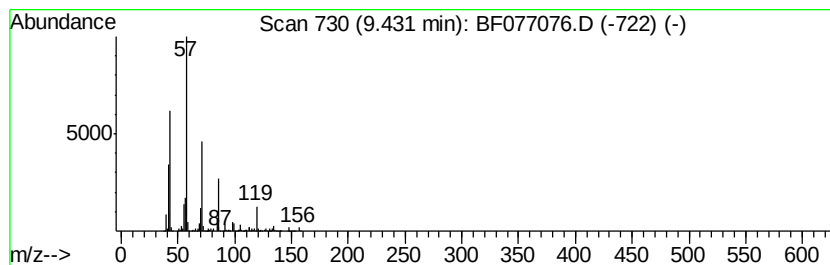
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Hexadecane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.43	54.52 ng	19018200	Naphthalene-d8	10.71

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane	226	C16H34	000544-76-3	72
2		Tritetracontane	605	C43H88	007098-21-7	72
3		Tetradecane	198	C14H30	000629-59-4	64
4		Undecane	156	C11H24	001120-21-4	64
5		Undecane, 4,7-dimethyl-	184	C13H28	017301-32-5	59



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012615\
Data File : BF077076.D
Acq On : 27 Jan 2015 6:32
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Sample : G1137-01
Misc :
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Instrument :
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ClientSampleId :
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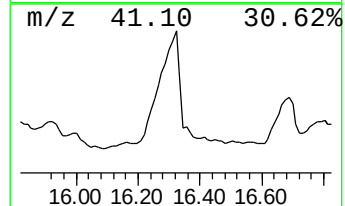
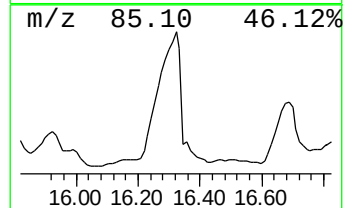
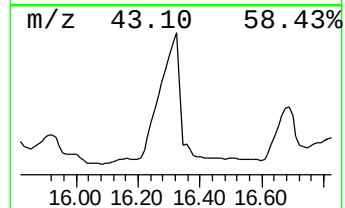
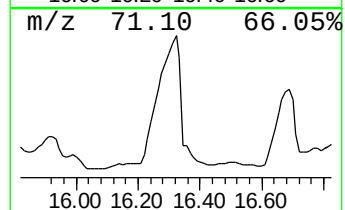
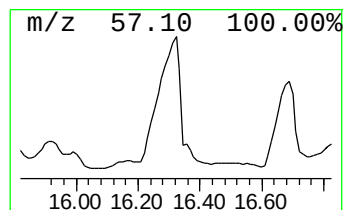
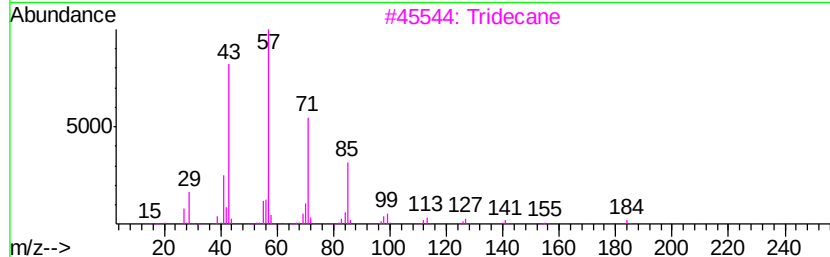
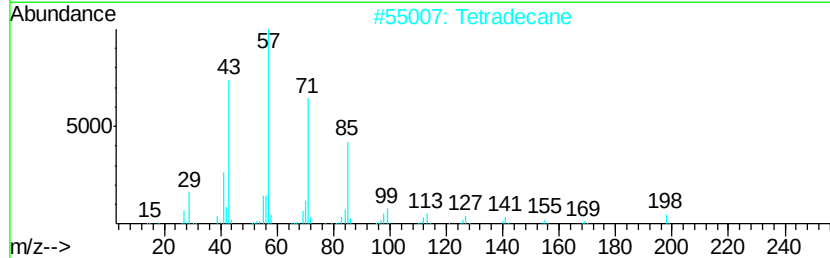
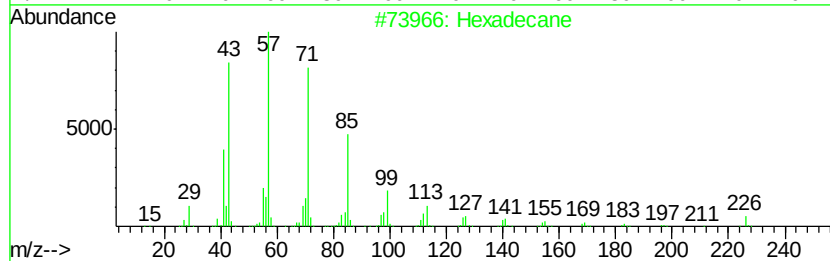
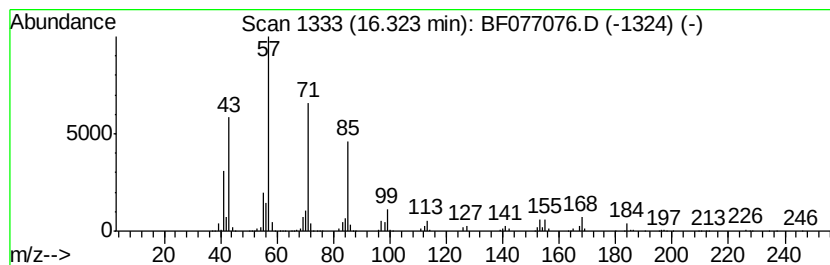
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Tetradecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.32	114.85 ng	29099700	Phenanthrene-d10	17.65

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane	226	C16H34	000544-76-3	93
2		Tetradecane	198	C14H30	000629-59-4	87
3		Tridecane	184	C13H28	000629-50-5	86
4		Pentadecane	212	C15H32	000629-62-9	80
5		Decane, 3-methyl-	156	C11H24	013151-34-3	68



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012615\
Data File : BF077076.D
Acq On : 27 Jan 2015 6:32
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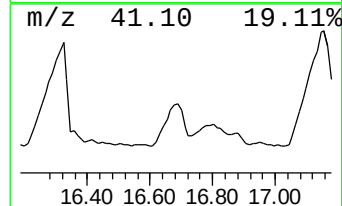
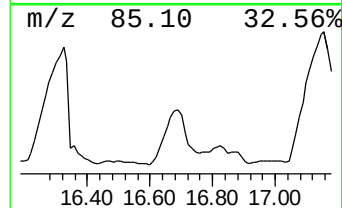
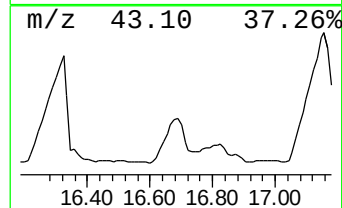
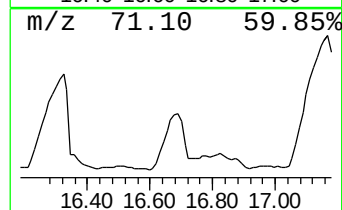
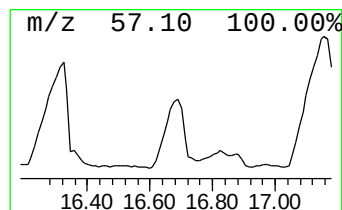
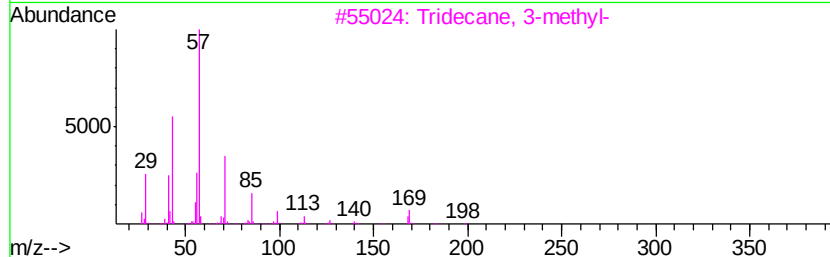
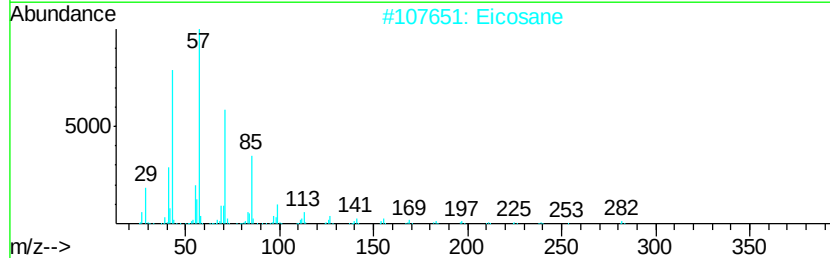
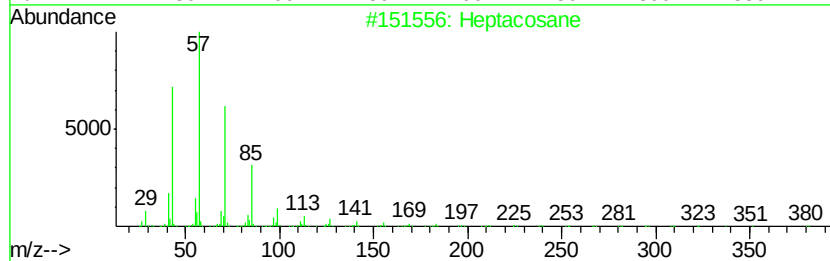
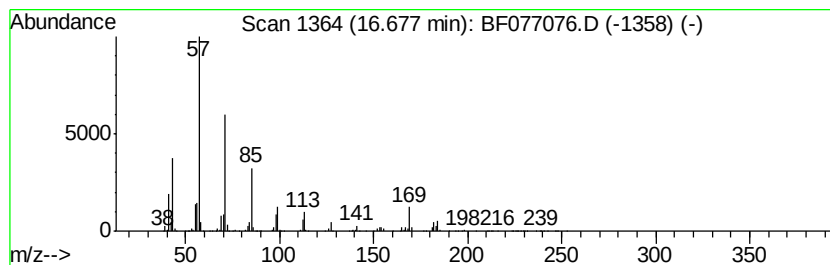
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 15 Heptacosane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.68	61.63 ng	15616600	Phenanthrene-d10	17.65

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptacosane	380	C27H56	000593-49-7	80
2		Eicosane	282	C20H42	000112-95-8	80
3		Tridecane, 3-methyl-	198	C14H30	006418-41-3	76
4		Decane, 3,6-dimethyl-	170	C12H26	017312-53-7	76
5		Tridecane, 2-methyl-	198	C14H30	001560-96-9	74



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012615\
Data File : BF077076.D
Acq On : 27 Jan 2015 6:32
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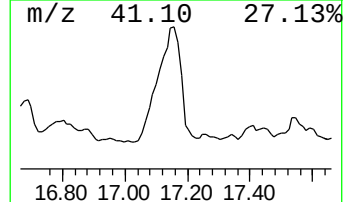
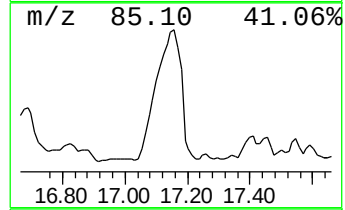
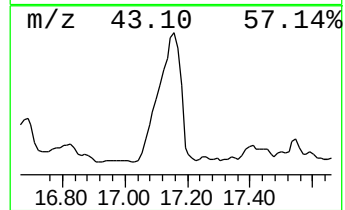
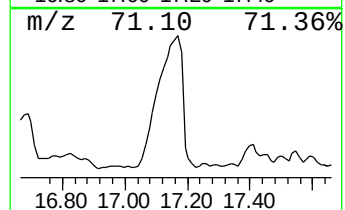
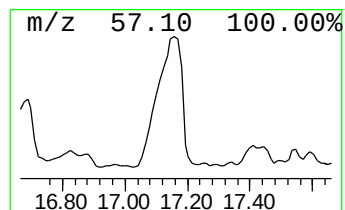
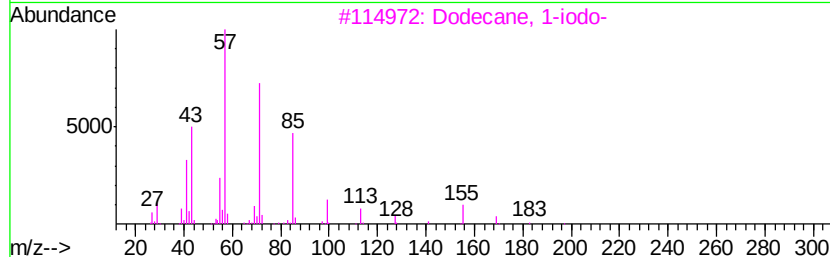
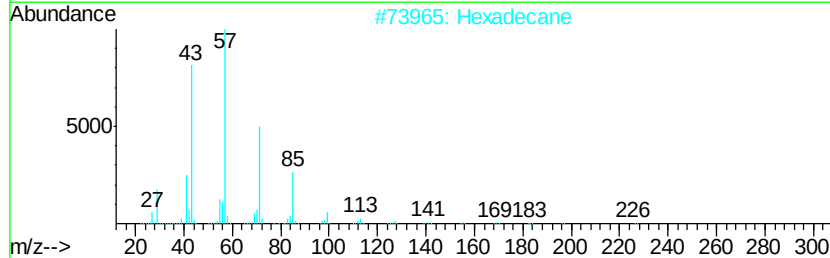
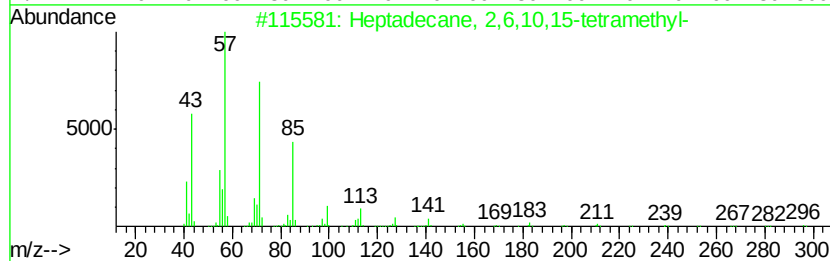
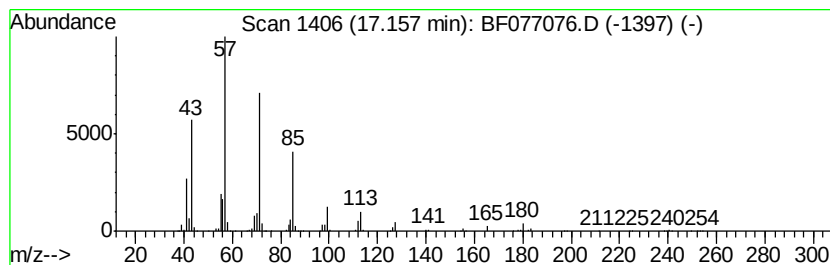
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Heptadecane, 2,6,10,15-tetr... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.16	133.64 ng	33861400	Phenanthrene-d10	17.65

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	91
2		Hexadecane	226	C16H34	000544-76-3	90
3		Dodecane, 1-iodo-	296	C12H25I	004292-19-7	80
4		Heptacosane	380	C27H56	000593-49-7	78
5		Tridecane, 1-iodo-	310	C13H27I	035599-77-0	78



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012615\
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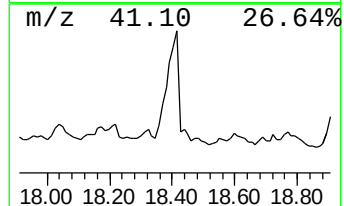
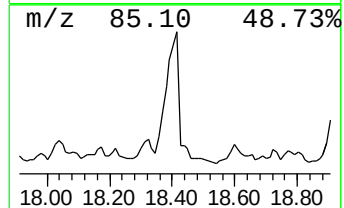
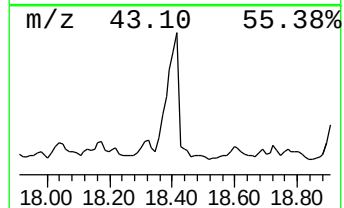
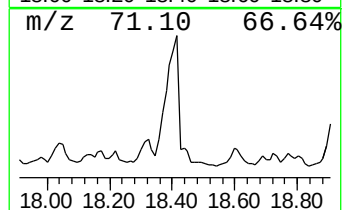
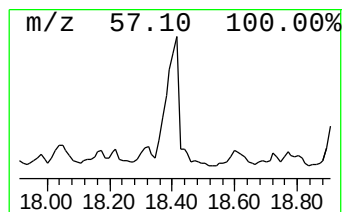
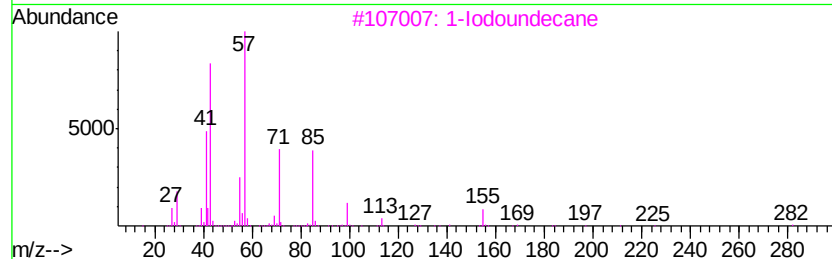
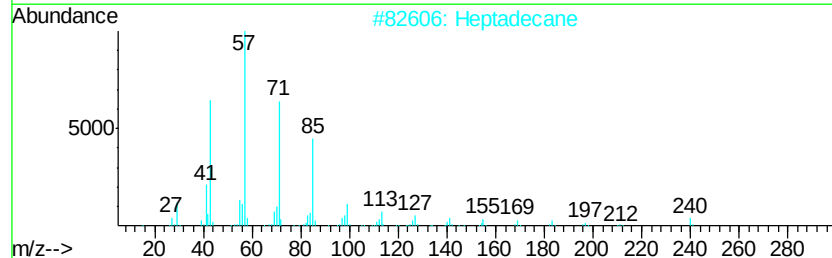
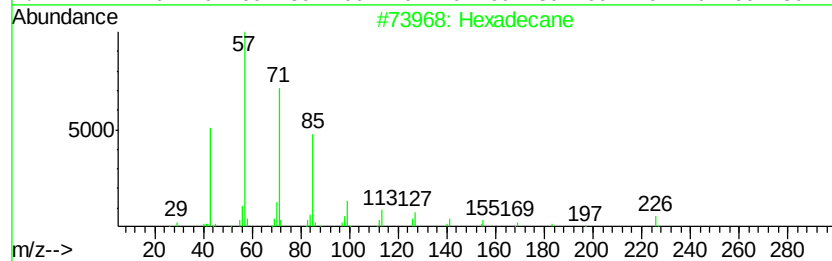
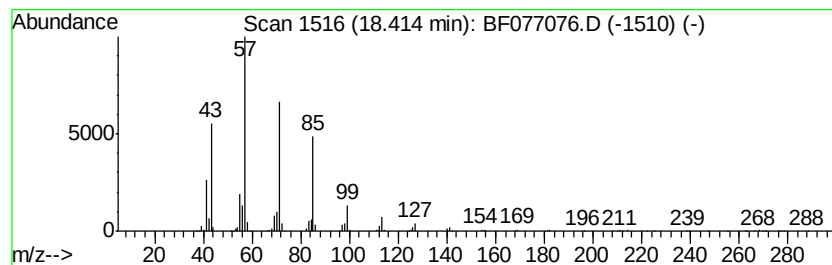
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 1-Iodoundecane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.41	55.99 ng	14187400	Phenanthrene-d10	17.65

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane	226	C16H34	000544-76-3	90
2		Heptadecane	240	C17H36	000629-78-7	90
3		1-Iodoundecane	282	C11H23I	004282-44-4	80
4		Dodecane, 1-iodo-	296	C12H25I	004292-19-7	80
5		Tridecane, 1-iodo-	310	C13H27I	035599-77-0	78



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012615\
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Acq On : 27 Jan 2015 6:32
Operator : TP/IZ
Sample : G1137-01
Misc :
ALS Vial : 30 Sample Multiplier: 1

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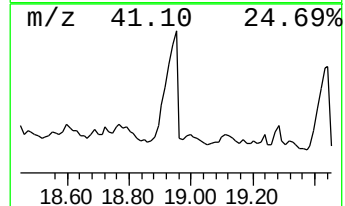
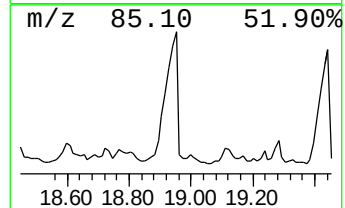
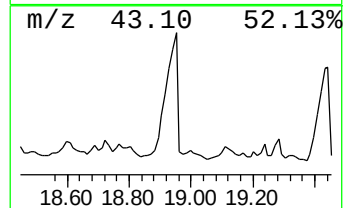
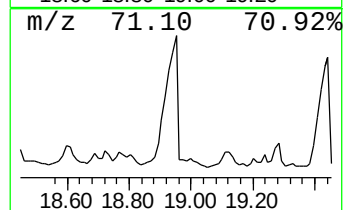
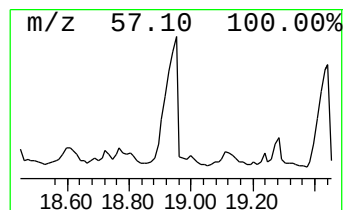
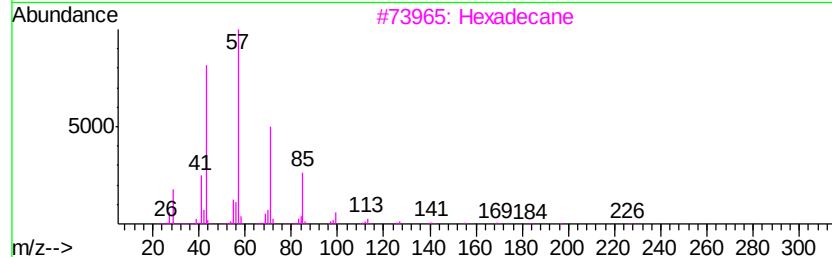
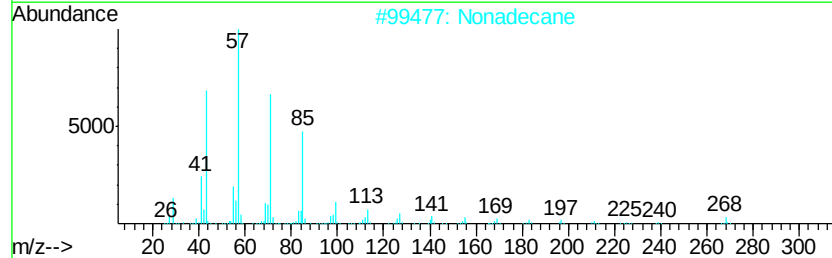
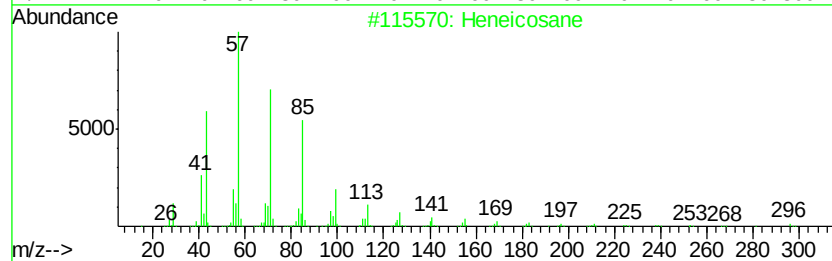
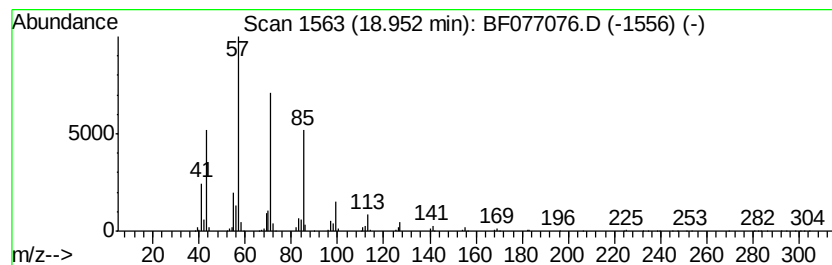
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Heneicosane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.95	61.71 ng	15636900	Phenanthrene-d10	17.65

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	91
2		Nonadecane	268	C19H40	000629-92-5	91
3		Hexadecane	226	C16H34	000544-76-3	90
4		Octacosane	394	C28H58	000630-02-4	90
5		Tridecane, 1-iodo-	310	C13H27I	035599-77-0	90



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012615\
Data File : BF077076.D
Acq On : 27 Jan 2015 6:32
Operator : TP/IZ
Sample : G1137-01
Misc :
ALS Vial : 30 Sample Multiplier: 1

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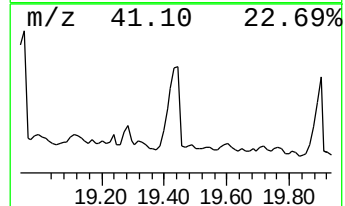
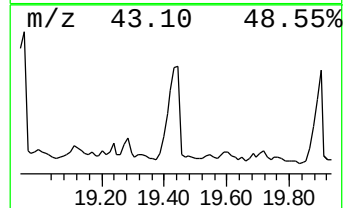
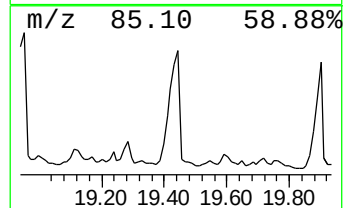
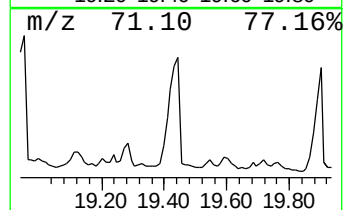
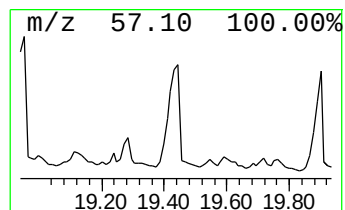
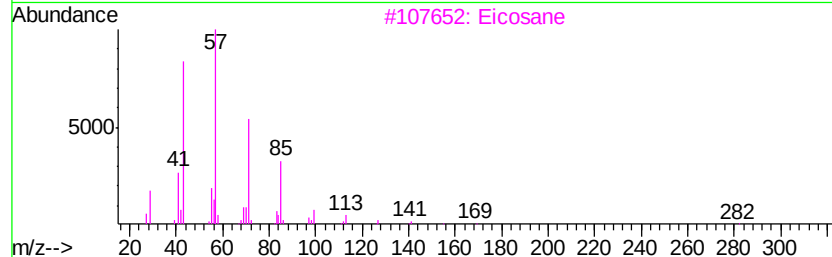
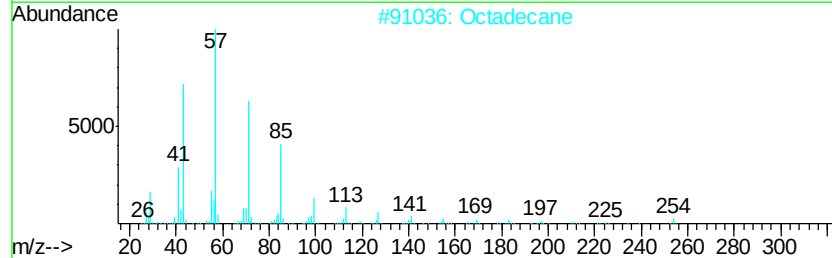
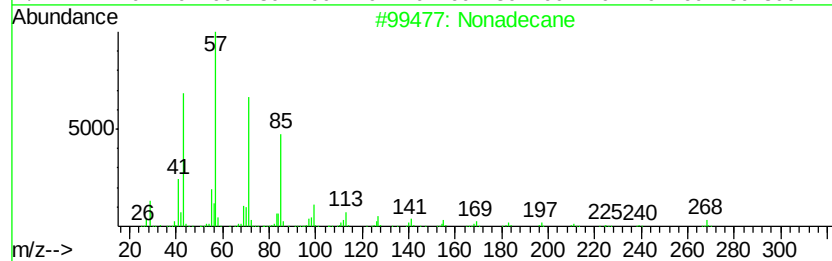
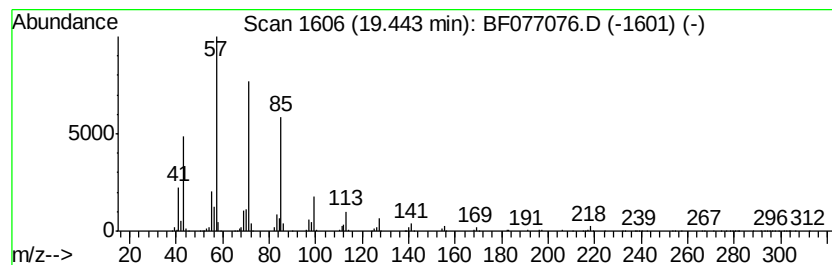
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Nonadecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.44	110.77 ng	11655600	Chrysene-d12	21.16

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonadecane	268	C19H40	000629-92-5	91
2		Octadecane	254	C18H38	000593-45-3	90
3		Eicosane	282	C20H42	000112-95-8	90
4		Octadecane, 1-iodo-	380	C18H37I	000629-93-6	90
5		Hexadecane	226	C16H34	000544-76-3	90



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012615\
Data File : BF077076.D
Acq On : 27 Jan 2015 6:32
Operator : TP/IZ
Sample : G1137-01
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
104B1A

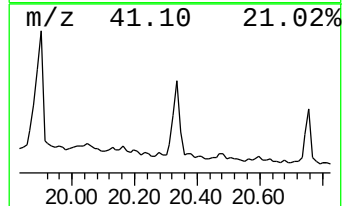
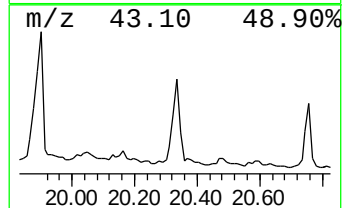
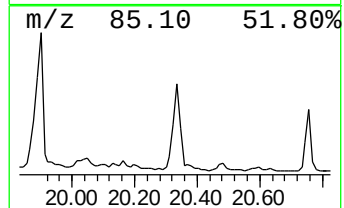
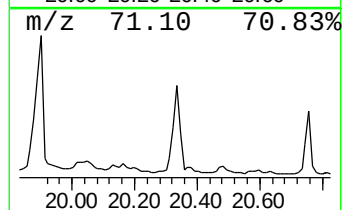
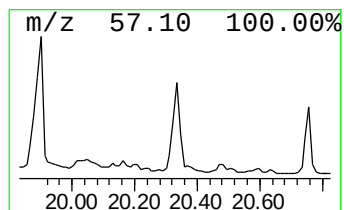
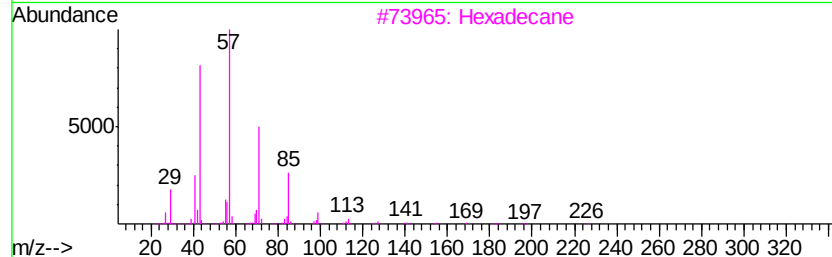
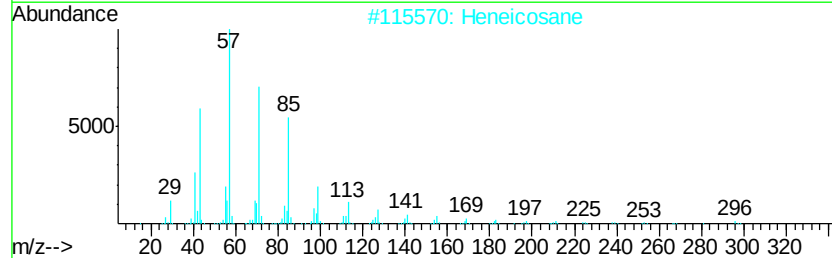
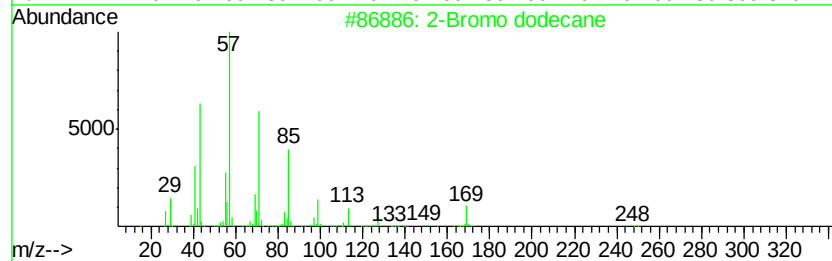
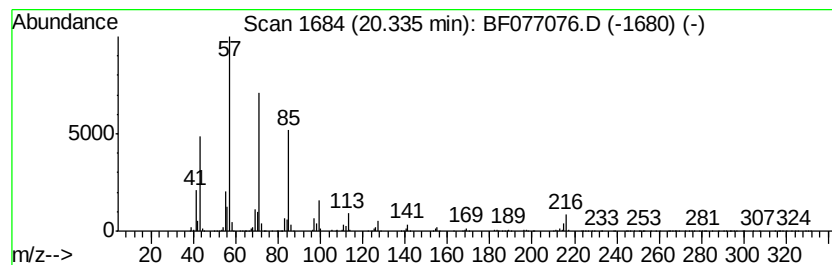
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 2-Bromo dodecane Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.33	49.43 ng	5201340	Chrysene-d12	21.16

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Bromo dodecane	248	C12H25Br	013187-99-0	93
2		Heneicosane	296	C21H44	000629-94-7	90
3		Hexadecane	226	C16H34	000544-76-3	86
4		Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	86
5		Eicosane	282	C20H42	000112-95-8	86



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012615\
 Data File : BF077076.D
 Acq On : 27 Jan 2015 6:32
 Operator : TP/IZ
 Sample : G1137-01
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 104B1A

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF011415.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
Nonane	5.42	58.4	ng	1973270	1	7.78	676132	20.0
Benzene, 1-ethyl-...	6.74	52.8	ng	1783930	1	7.78	676132	20.0
Benzene, 1-ethyl-...	7.09	59.2	ng	2001500	1	7.78	676132	20.0
unknown7.26	7.26	55.5	ng	1875190	1	7.78	676132	20.0
Benzene, 1,2,3-tr...	7.42	84.5	ng	2856290	1	7.78	676132	20.0
Octane, 4-ethyl-	7.60	212.4	ng	7179710	1	7.78	676132	20.0
Benzene, 1,3,5-tr...	7.93	91.6	ng	3097620	1	7.78	676132	20.0
Nonane, 2,6-dimet...	8.00	92.5	ng	3127070	1	7.78	676132	20.0
Indane	8.17	52.1	ng	1760880	1	7.78	676132	20.0
Benzene, 2-ethyl-...	8.63	158.1	ng	5345990	1	7.78	676132	20.0
Nonane, 3,7-dimet...	8.78	99.8	ng	3374420	1	7.78	676132	20.0
Benzene, 1-methyl...	9.00	72.9	ng	2465980	1	7.78	676132	20.0
Hexadecane	9.43	54.5	ng	19018200	2	10.71	6976470	20.0
Tetradecane	16.32	114.8	ng	29099700	4	17.65	5067520	20.0
Heptacosane	16.68	61.6	ng	15616600	4	17.65	5067520	20.0
Heptadecane, 2,6,...	17.16	133.6	ng	33861400	4	17.65	5067520	20.0
1-Iodoundecane	18.41	56.0	ng	14187400	4	17.65	5067520	20.0
Heneicosane	18.95	61.7	ng	15636900	4	17.65	5067520	20.0
Nonadecane	19.44	110.8	ng	11655600	5	21.16	2104400	20.0
2-Bromo dodecane	20.33	49.4	ng	5201340	5	21.16	2104400	20.0