

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012615\
 Data File : BF077053.D
 Acq On : 26 Jan 2015 14:37
 Operator : TP/IZ
 Sample : G1052-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S8-0406

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	1.407	26	28	38	rVB	31032	70377	6.42%	0.273%
2	3.830	237	240	253	rBV	94003	244599	22.33%	0.947%
3	4.790	320	324	334	rBV	420229	818791	74.75%	3.171%
4	7.167	529	532	536	rBV	499500	812684	74.19%	3.148%
5	7.259	536	540	549	rVB	505235	896728	81.86%	3.473%
6	7.762	581	584	589	rBV	140609	238300	21.75%	0.923%
7	7.967	599	602	606	rVB	72832	121870	11.13%	0.472%
8	8.082	609	612	615	rVV	397595	639955	58.42%	2.479%
9	8.265	625	628	632	rVB4	30150	71254	6.50%	0.276%
10	8.482	644	647	651	rBV2	29421	72667	6.63%	0.281%
11	8.596	654	657	660	rVB	58296	93605	8.55%	0.363%
12	8.745	665	670	673	rVB2	42582	105371	9.62%	0.408%
13	8.847	673	679	683	rBV4	29457	96323	8.79%	0.373%
14	8.950	683	688	691	rBV3	38024	92687	8.46%	0.359%
15	9.065	695	698	703	rBV	320796	597326	54.53%	2.314%
16	9.270	713	716	720	rBV4	44481	146578	13.38%	0.568%
17	9.350	720	723	725	rBV3	38731	66415	6.06%	0.257%
18	9.545	736	740	741	rBV2	54744	118871	10.85%	0.460%
19	9.590	741	744	745	rVV2	104346	216154	19.73%	0.837%
20	9.625	745	747	749	rVB	113219	176880	16.15%	0.685%
21	9.785	758	761	763	rVV	164731	290301	26.50%	1.124%
22	9.842	763	766	769	rVB3	147478	311777	28.46%	1.208%
23	9.910	769	772	778	rBV4	76227	222284	20.29%	0.861%
24	10.025	778	782	788	rVB6	91535	301375	27.51%	1.167%
25	10.139	788	792	796	rBV3	62358	219605	20.05%	0.851%
26	10.219	796	799	804	rBV2	129731	345062	31.50%	1.337%
27	10.310	804	807	809	rBV2	100501	149298	13.63%	0.578%
28	10.390	809	814	818	rVB	151976	300047	27.39%	1.162%
29	10.493	819	823	825	rVB	149011	261571	23.88%	1.013%
30	10.551	825	828	834	rVB4	37146	109764	10.02%	0.425%
31	10.676	834	839	841	rBV	289562	606944	55.41%	2.351%
32	10.745	841	845	850	rVB4	59811	189685	17.32%	0.735%
33	10.951	860	863	868	rVB	399451	751548	68.61%	2.911%
34	11.042	868	871	873	rBV2	28354	67072	6.12%	0.260%

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35	11.088	873	875	877	rBV2	53220	84294	7.70%	0.326%
36	11.145	877	880	883	rVB	377476	625496	57.10%	2.423%
37	11.259	887	890	894	rBV2	174556	350960	32.04%	1.359%
38	11.362	896	899	901	rVB2	33217	61761	5.64%	0.239%
39	11.533	912	914	919	rBV3	68528	180146	16.45%	0.698%
40	11.625	919	922	927	rVB5	53713	115733	10.57%	0.448%
41	11.705	927	929	931	rBV	95064	214118	19.55%	0.829%
42	11.808	935	938	942	rBV3	117417	272274	24.86%	1.055%
43	11.888	942	945	948	rVB	178820	337624	30.82%	1.308%
44	12.002	950	955	958	rVV	374217	722450	65.95%	2.798%
45	12.071	958	961	966	rVB3	122657	289753	26.45%	1.122%
46	12.151	966	968	971	rVB2	46622	77809	7.10%	0.301%
47	12.276	975	979	981	rVV3	38957	92496	8.44%	0.358%
48	12.322	981	983	985	rVV2	37072	68075	6.21%	0.264%
49	12.414	988	991	994	rVB	657097	1095394	100.00%	4.243%
50	12.551	996	1003	1005	rBV4	51093	179526	16.39%	0.695%
51	12.642	1008	1011	1013	rVV2	109491	199051	18.17%	0.771%
52	12.711	1013	1017	1021	rVB6	34681	87779	8.01%	0.340%
53	13.031	1042	1045	1048	rVB2	103396	195644	17.86%	0.758%
54	13.088	1048	1050	1052	rBV	48197	71295	6.51%	0.276%
55	13.134	1052	1054	1057	rVB	55362	87150	7.96%	0.338%
56	13.202	1057	1060	1062	rBV3	72877	125574	11.46%	0.486%
57	13.282	1064	1067	1069	rVV	101291	192286	17.55%	0.745%
58	13.328	1069	1071	1074	rVV	553266	956427	87.31%	3.705%
59	13.374	1074	1075	1077	rVV	58623	61635	5.63%	0.239%
60	13.431	1077	1080	1083	rVB	268633	438974	40.07%	1.700%
61	13.557	1087	1091	1094	rBV3	45710	109552	10.00%	0.424%
62	13.774	1106	1110	1114	rVB	521074	926882	84.62%	3.590%
63	14.037	1128	1133	1136	rBV6	38655	116568	10.64%	0.452%
64	14.139	1138	1142	1146	rVB	123622	249281	22.76%	0.966%
65	14.402	1161	1165	1169	rVV2	137612	325506	29.72%	1.261%
66	14.539	1170	1177	1179	rVV	164712	425655	38.86%	1.649%
67	14.619	1179	1184	1187	rVV2	102733	263110	24.02%	1.019%
68	14.677	1187	1189	1192	rVV3	47346	102706	9.38%	0.398%
69	14.802	1195	1200	1204	rVB	224255	410372	37.46%	1.590%
70	14.917	1205	1210	1212	rVV4	17281	60361	5.51%	0.234%
71	14.974	1212	1215	1218	rVV5	30711	83915	7.66%	0.325%

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72	15.042	1218	1221	1225	rVV	293889	530229	48.41%	2.054%
73	15.122	1225	1228	1232	rVV5	22057	81379	7.43%	0.315%
74	15.477	1254	1259	1264	rVB8	19308	71842	6.56%	0.278%
75	15.614	1264	1271	1273	rBV4	35713	138237	12.62%	0.535%
76	15.785	1282	1286	1289	rVB2	46197	123339	11.26%	0.478%
77	16.162	1316	1319	1322	rVB	144580	217216	19.83%	0.841%
78	16.460	1342	1345	1347	rBV	144353	185471	16.93%	0.718%
79	16.517	1347	1350	1352	rVV	431799	582880	53.21%	2.258%
80	16.563	1352	1354	1357	rVV	61693	108207	9.88%	0.419%
81	17.020	1390	1394	1397	rBV2	133915	344961	31.49%	1.336%
82	17.625	1445	1447	1450	rBV	244149	331521	30.27%	1.284%
83	17.694	1451	1453	1455	rBV	59006	80342	7.33%	0.311%
84	17.740	1455	1457	1459	rVB	74963	101621	9.28%	0.394%
85	18.243	1498	1501	1505	rBV2	54113	95748	8.74%	0.371%
86	18.311	1505	1507	1508	rBV	64799	78082	7.13%	0.302%
87	18.860	1553	1555	1558	rVB	54395	63501	5.80%	0.246%
88	19.226	1585	1587	1590	rBV	48089	87313	7.97%	0.338%
89	19.317	1593	1595	1598	rVB	40407	68236	6.23%	0.264%
90	19.374	1598	1600	1604	rBV	37811	64483	5.89%	0.250%
91	19.877	1641	1644	1647	rVB	859658	973586	88.88%	3.771%
92	20.243	1674	1676	1678	rVB2	52998	77334	7.06%	0.300%
93	21.134	1751	1754	1757	rVB	339548	463572	42.32%	1.796%
94	21.740	1805	1807	1811	rBV2	29059	66770	6.10%	0.259%
95	22.037	1831	1833	1838	rVB2	57693	107287	9.79%	0.416%
96	22.232	1848	1850	1854	rVB2	36469	60030	5.48%	0.233%
97	22.403	1863	1865	1868	rBV2	40764	88136	8.05%	0.341%
98	22.769	1895	1897	1900	rVB	275845	362753	33.12%	1.405%
99	23.352	1946	1948	1953	rVB3	58017	116558	10.64%	0.451%
100	23.649	1972	1974	1976	rVB2	46310	65514	5.98%	0.254%

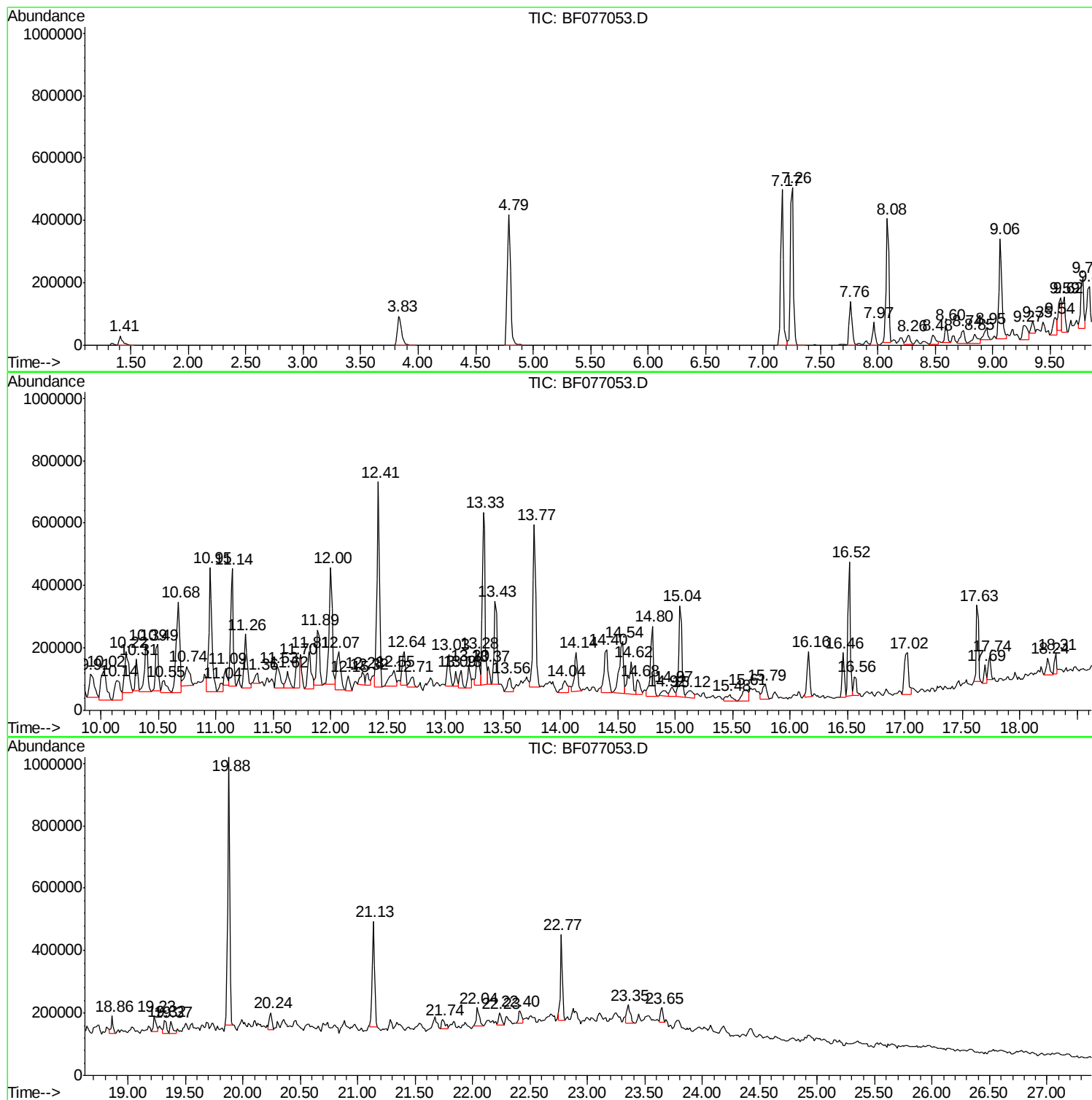
Sum of corrected areas: 25817548

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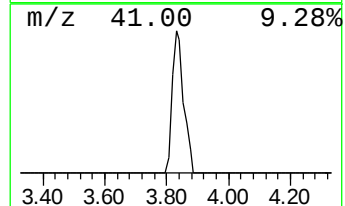
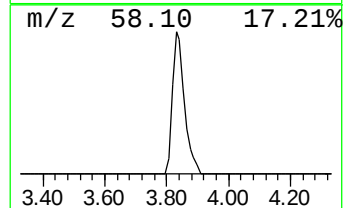
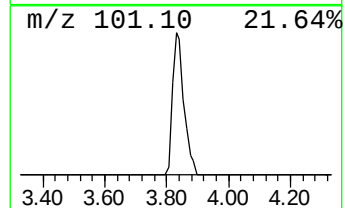
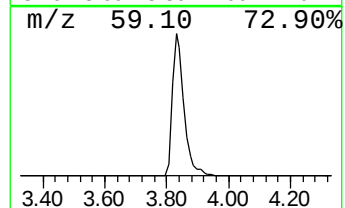
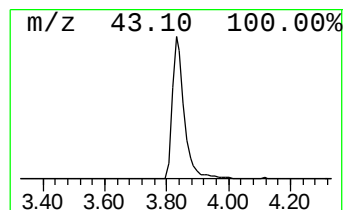
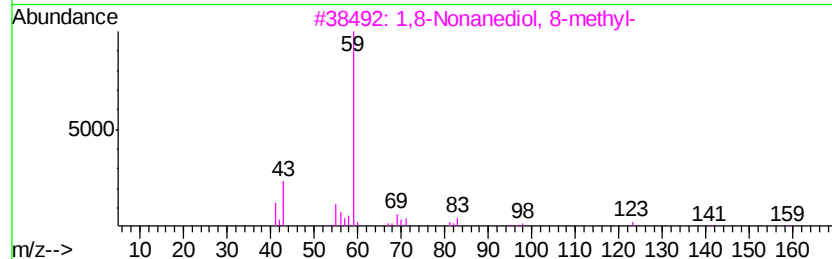
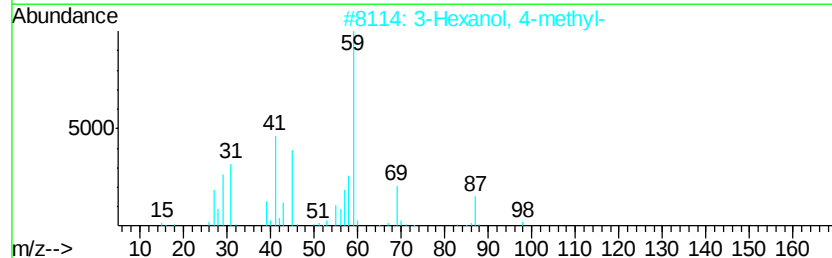
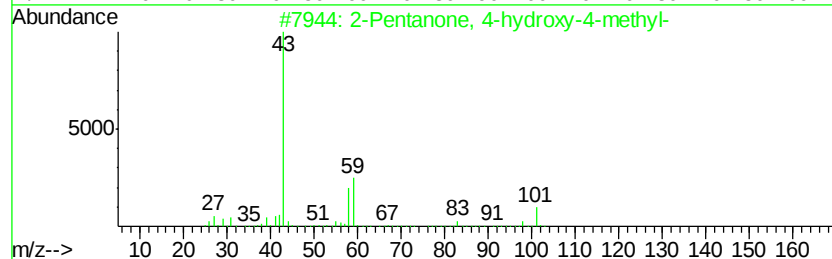
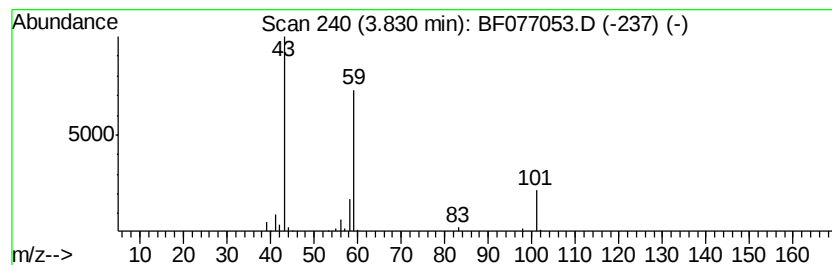
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF011415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.83	20.53 ng	244599	1,4-Dichlorobenzene-d4	7.76

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2			3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	28
3			1,8-Nonanediol, 8-methyl-	174	C10H22O2	054725-73-4	25
4			Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
5			(+)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	9



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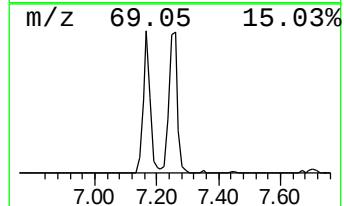
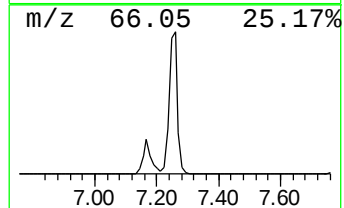
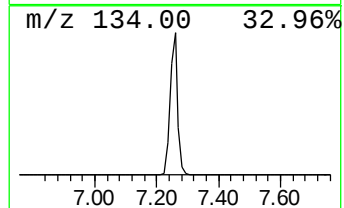
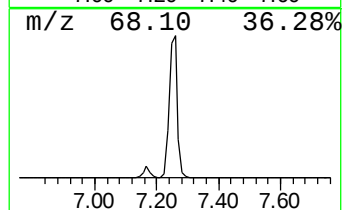
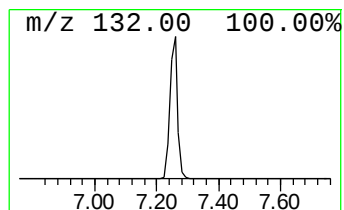
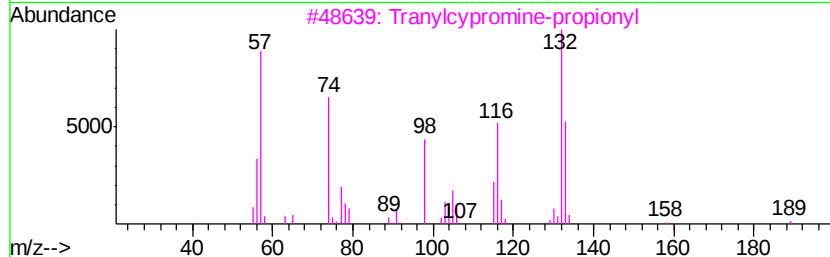
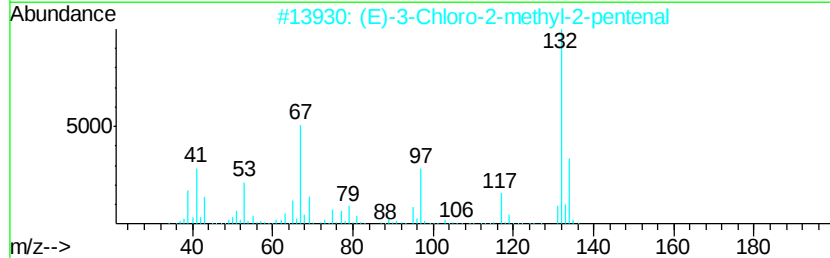
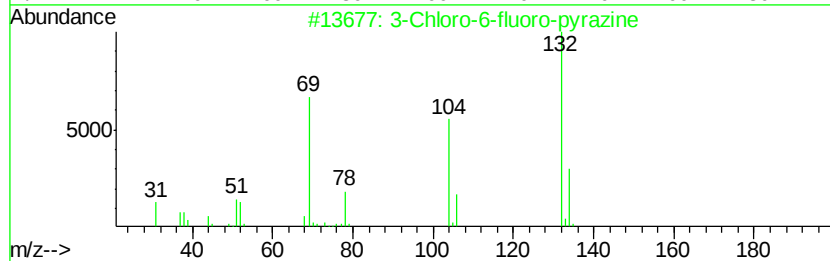
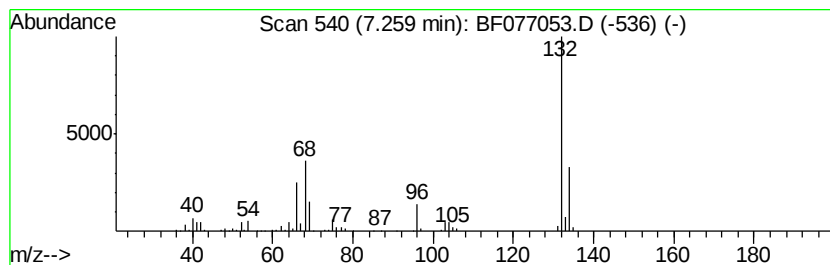
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 unknown7.26 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.26	75.26 ng	896728	1,4-Dichlorobenzene-d4	7.76

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	35
2		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
4		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5		4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9



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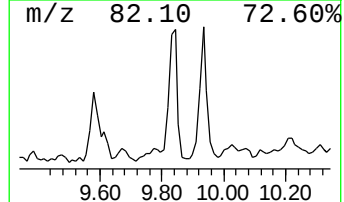
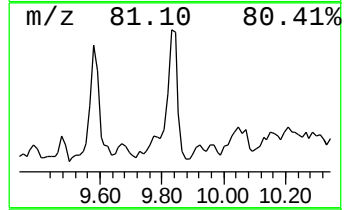
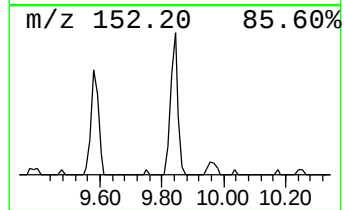
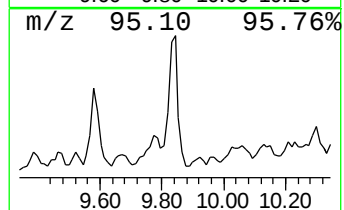
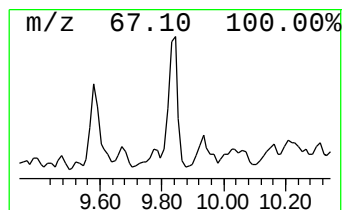
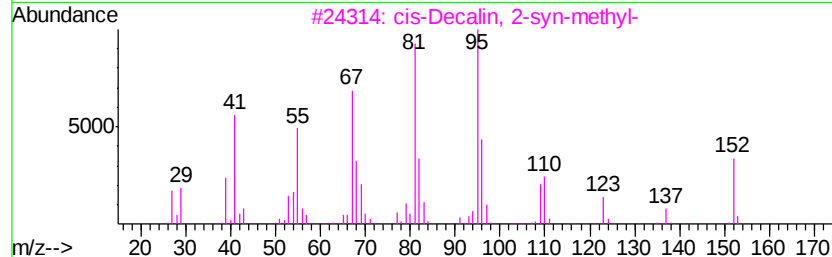
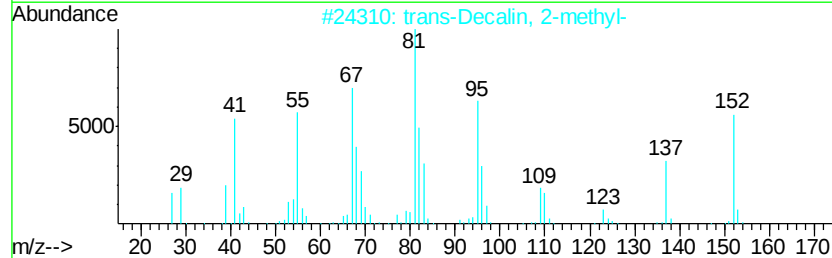
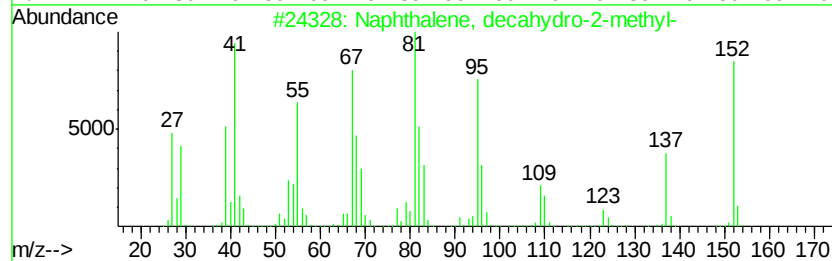
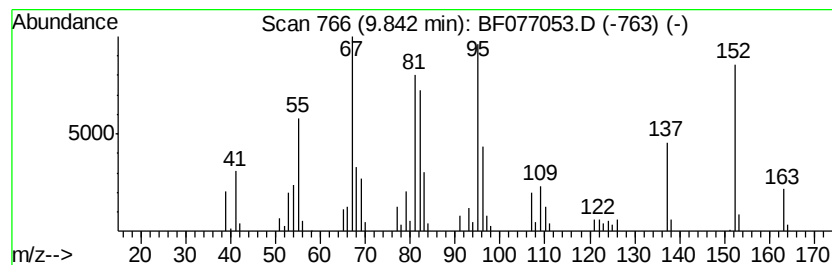
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TIC Integration Parameters: LSCINT.P

Peak Number 4 Naphthalene, decahydro-2-me... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.84	10.27 ng	311777	Naphthalene-d8	10.68

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	76
2		trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	76
3		cis-Decalin, 2-syn-methyl-	152	C11H20	1000155-85-6	74
4		Camphor	152	C10H16O	000076-22-2	55
5		trans-4a-Methyl-decahydronaphtha...	152	C11H20	002547-27-5	53



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Data File : BF077053.D
Acq On : 26 Jan 2015 14:37
Operator : TP/IZ
Sample : G1052-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
S8-0406

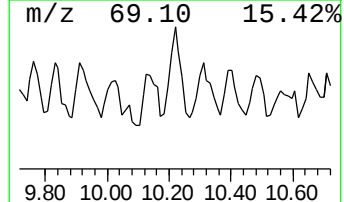
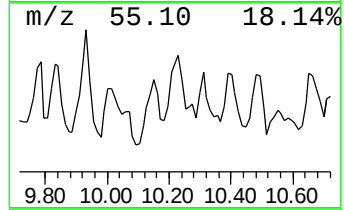
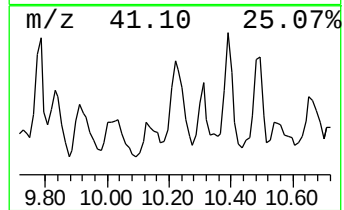
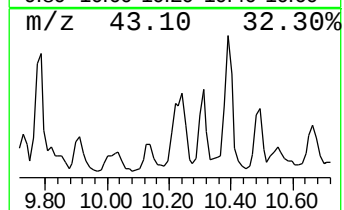
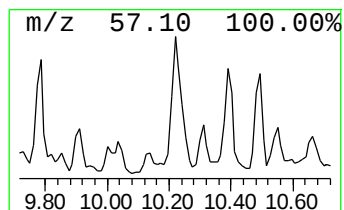
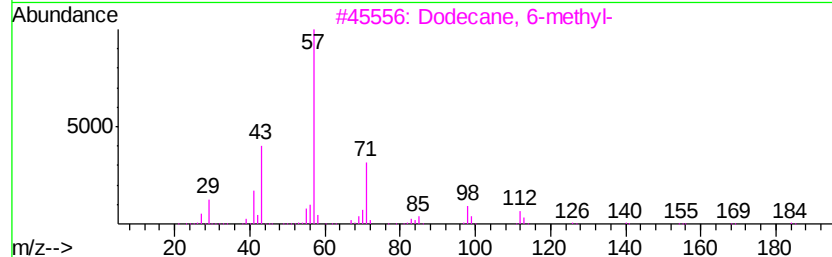
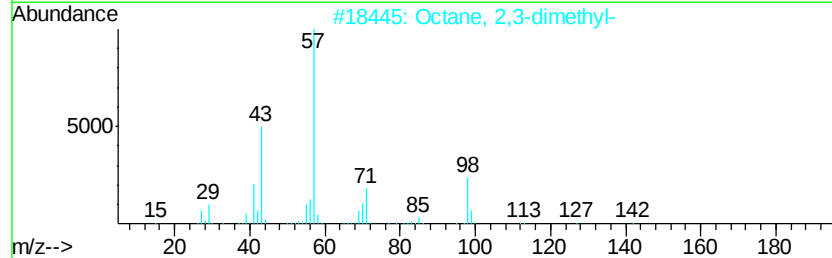
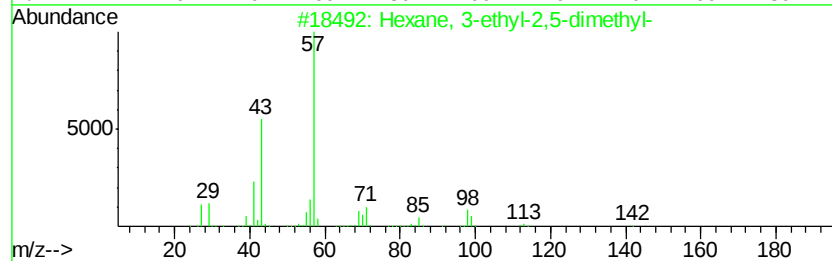
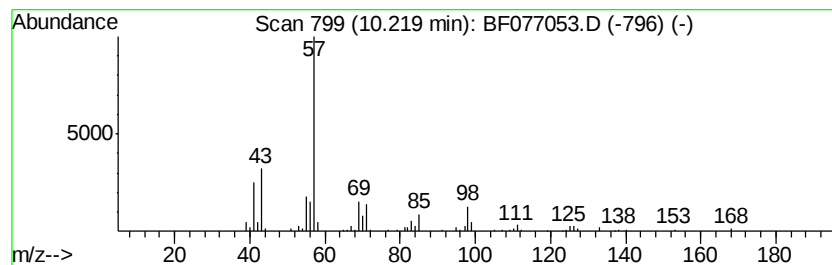
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Hexane, 3-ethyl-2,5-dimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.22	11.37 ng	345062	Naphthalene-d8	10.68

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexane, 3-ethyl-2,5-dimethyl-	142	C10H22	052897-04-8	78
2		Octane, 2,3-dimethyl-	142	C10H22	007146-60-3	64
3		Dodecane, 6-methyl-	184	C13H28	006044-71-9	53
4		Tridecane, 6-methyl-	198	C14H30	013287-21-3	53
5		Nonane, 2,2,4,4,6,8,8-heptamethyl-	226	C16H34	004390-04-9	53



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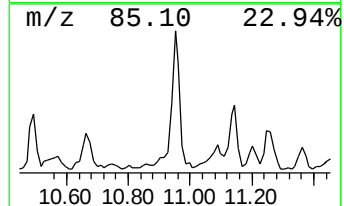
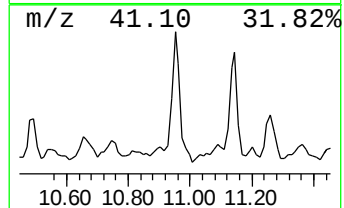
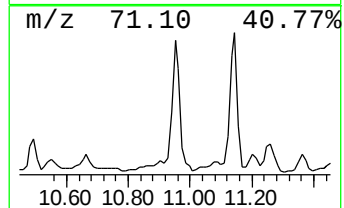
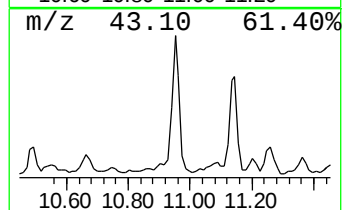
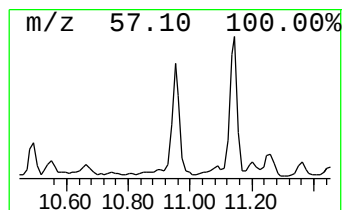
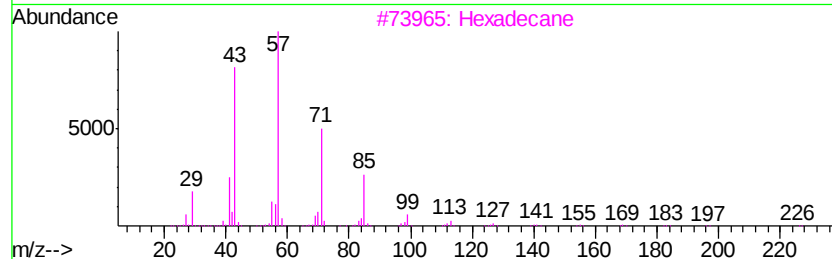
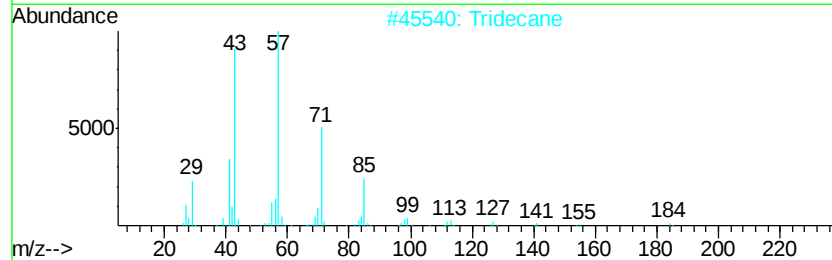
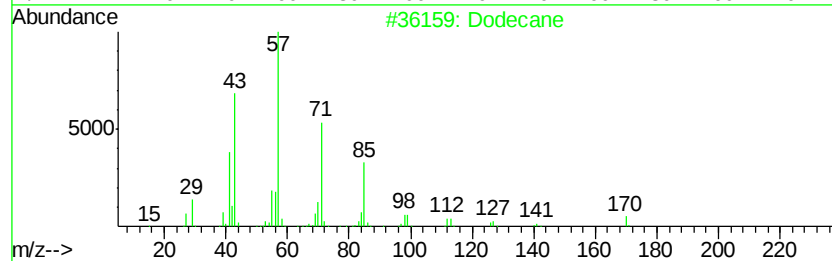
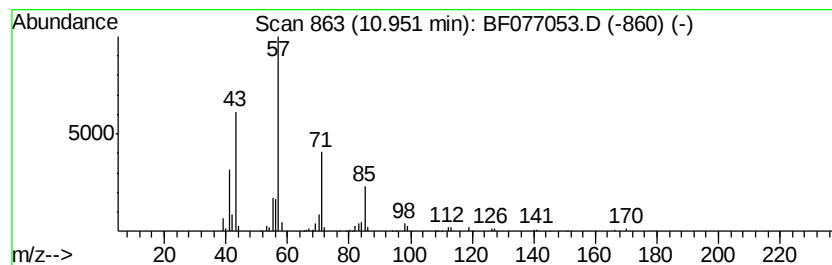
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Dodecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.95	24.77 ng	751548	Napthalene-d8	10.68
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Dodecane	170 C12H26	000112-40-3	95
2	Tridecane	184 C13H28	000629-50-5	78
3	Hexadecane	226 C16H34	000544-76-3	72
4	Decane, 6-ethyl-2-methyl-	184 C13H28	062108-21-8	72
5	Tetradecane	198 C14H30	000629-59-4	64



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012615\
Data File : BF077053.D
Acq On : 26 Jan 2015 14:37
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Instrument :
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ClientSampleId :
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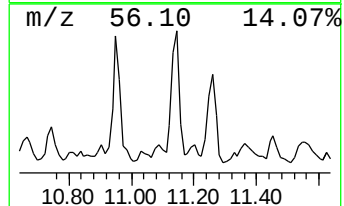
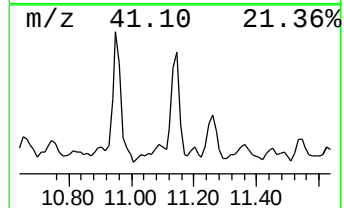
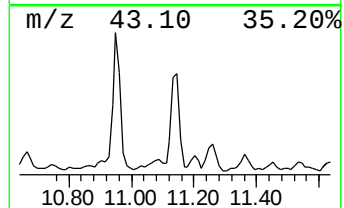
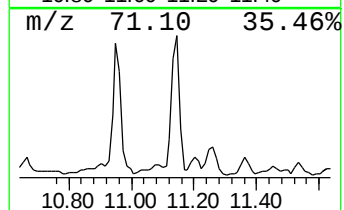
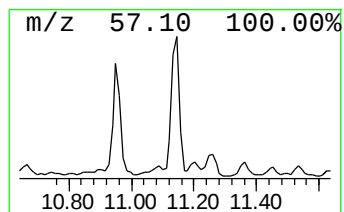
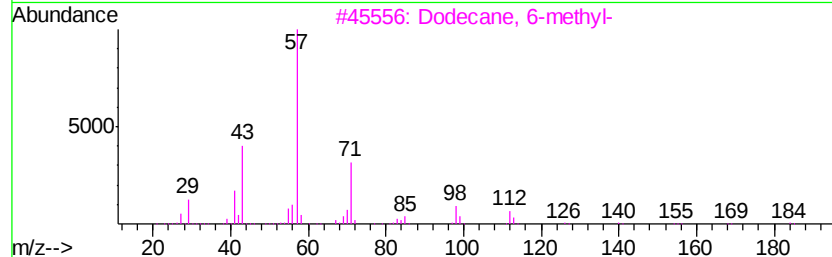
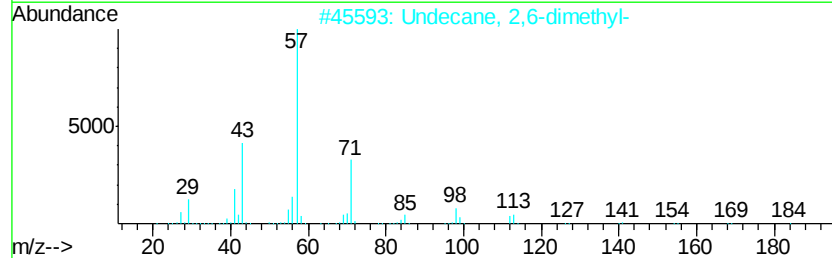
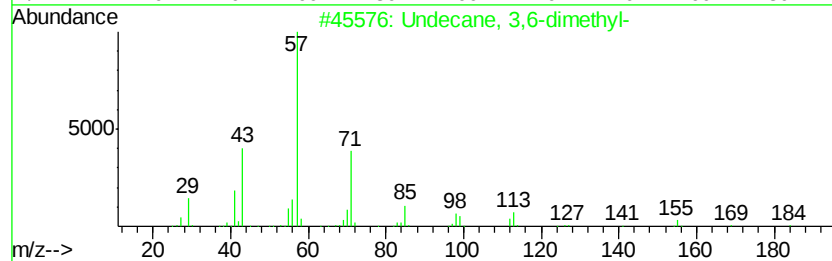
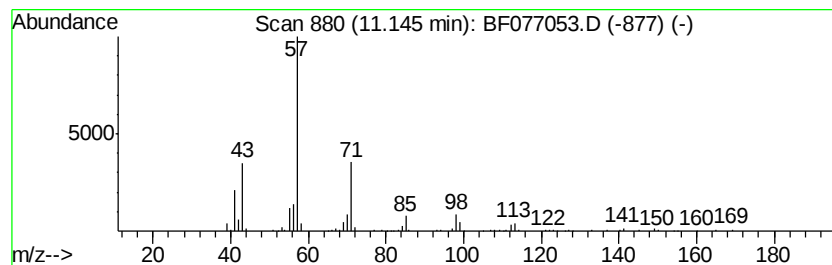
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.14	20.61 ng	625496	Napthalene-d8	10.68

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	86
2		Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	86
3		Dodecane, 6-methyl-	184	C13H28	006044-71-9	72
4		Decane, 2,5,9-trimethyl-	184	C13H28	062108-22-9	72
5		Undecane, 2,5-dimethyl-	184	C13H28	017301-22-3	64



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012615\
Data File : BF077053.D
Acq On : 26 Jan 2015 14:37
Operator : TP/IZ
Sample : G1052-01
Misc :
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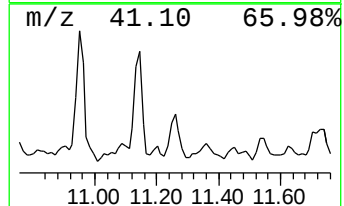
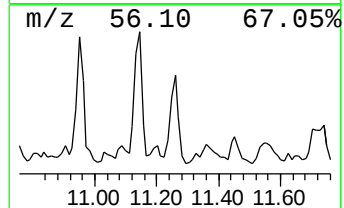
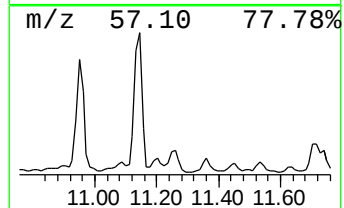
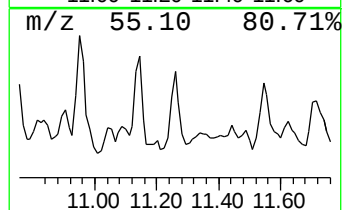
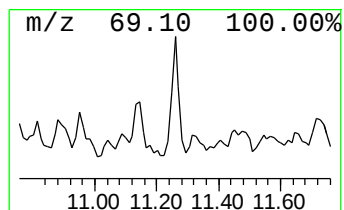
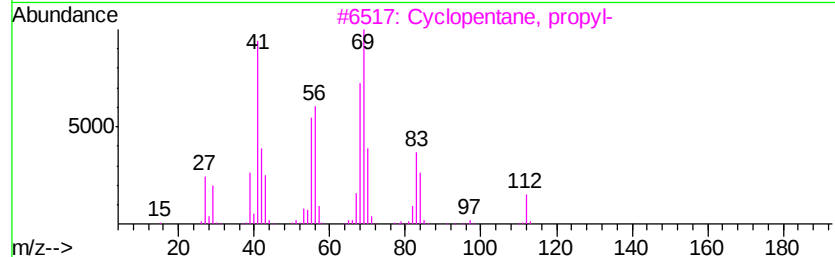
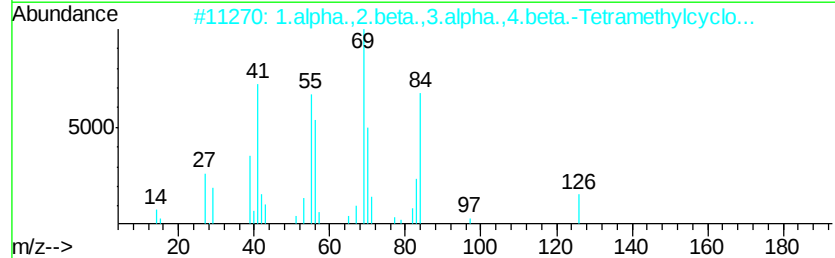
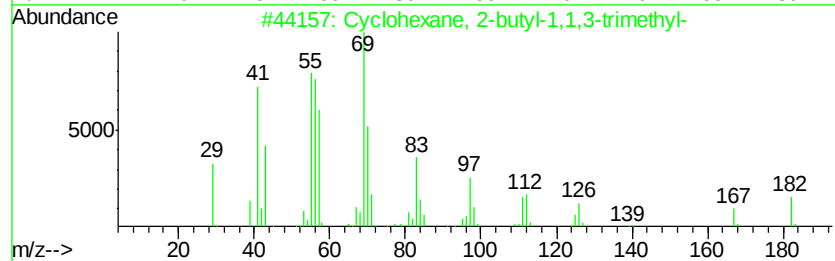
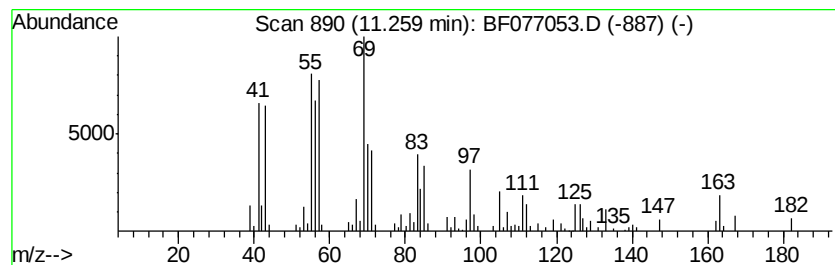
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Cyclohexane, 2-butyl-1,1,3-... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.26	11.56 ng	350960	Naphthalene-d8	10.68
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Cyclohexane, 2-butyl-1,1,3-trime...	182 C13H26	054676-39-0 70
2		1.alpha.,2.beta.,3.alpha.,4.beta...	126 C9H18	002532-67-4 53
3		Cyclopentane, propyl-	112 C8H16	002040-96-2 52
4		Cyclopentane, 1-pentyl-2-propyl-	182 C13H26	062199-51-3 52
5		Cyclopropane, 1,2-dimethyl-1-pen...	140 C10H20	062238-04-4 49



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012615\
Data File : BF077053.D
Acq On : 26 Jan 2015 14:37
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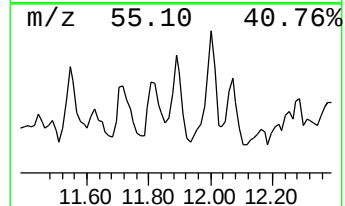
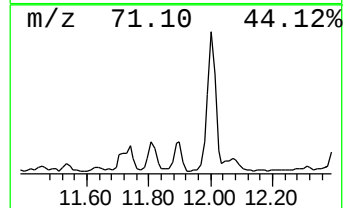
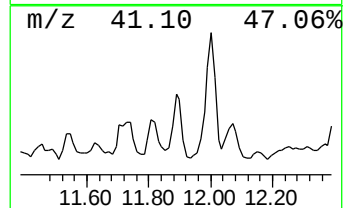
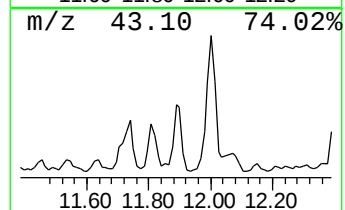
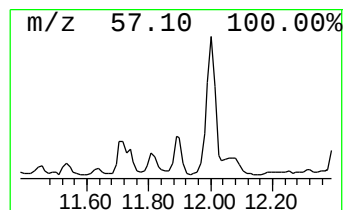
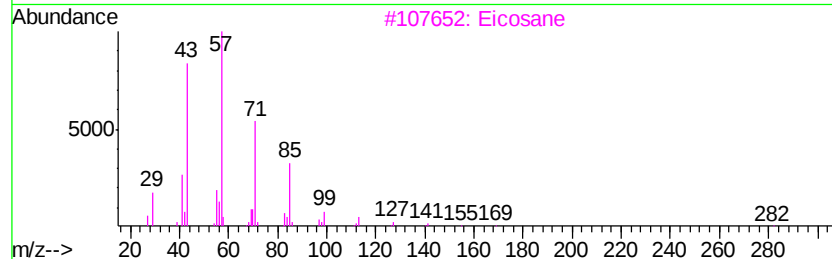
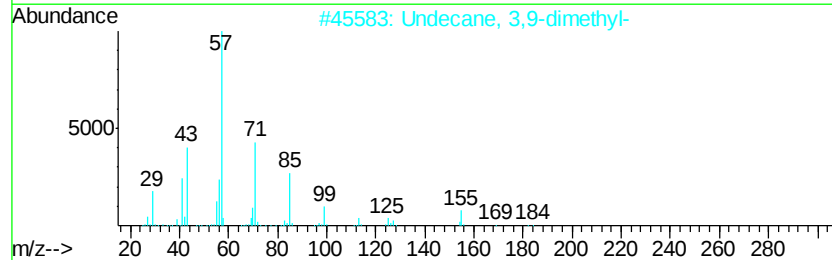
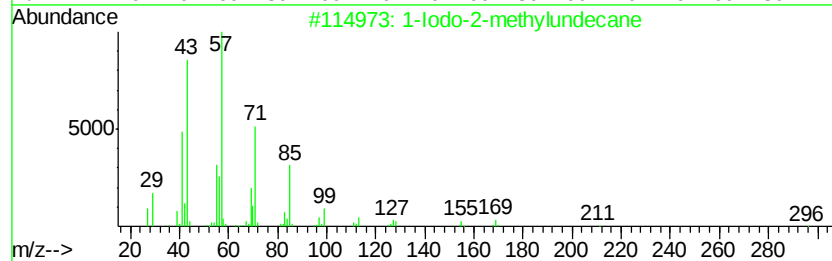
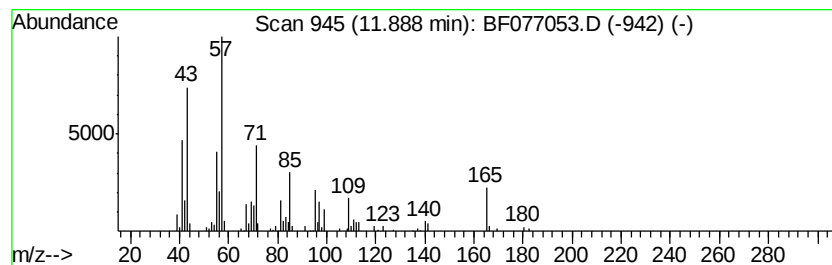
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 1-Iodo-2-methylundecane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.89	11.13 ng	337624	Naphthalene-d8	10.68

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	50
2		Undecane, 3,9-dimethyl-	184	C13H28	017301-31-4	50
3		Eicosane	282	C20H42	000112-95-8	49
4		Undecane, 2,9-dimethyl-	184	C13H28	017301-26-7	47
5		Nonadecane	268	C19H40	000629-92-5	47



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012615\
Data File : BF077053.D
Acq On : 26 Jan 2015 14:37
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ClientSampleId :
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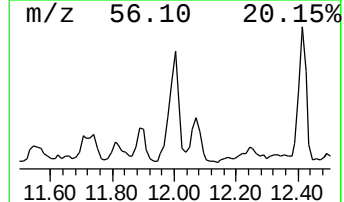
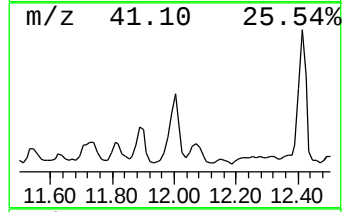
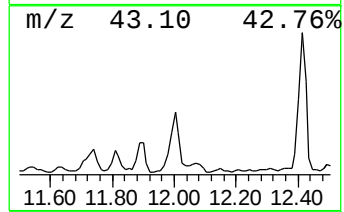
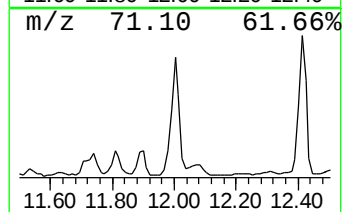
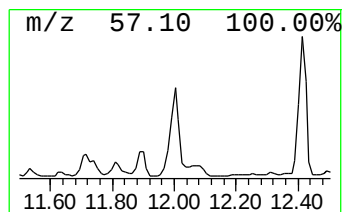
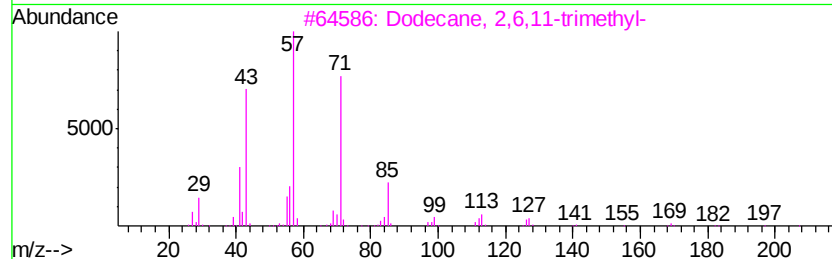
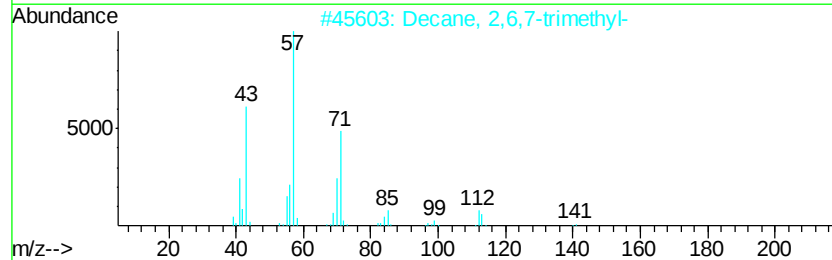
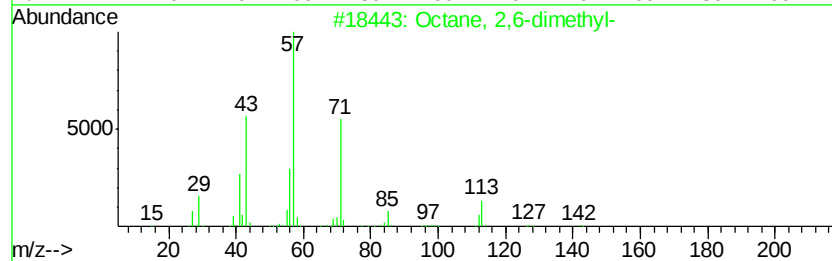
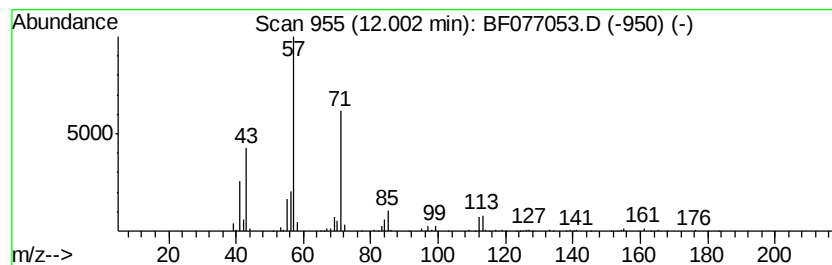
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Octane, 2,6-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.00	23.81 ng	722450	Naphthalene-d8	10.68

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	78
2		Decane, 2,6,7-trimethyl-	184	C13H28	062108-25-2	78
3		Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	72
4		Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	72
5		Undecane, 2,5-dimethyl-	184	C13H28	017301-22-3	64



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012615\
Data File : BF077053.D
Acq On : 26 Jan 2015 14:37
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ALS Vial : 8 Sample Multiplier: 1

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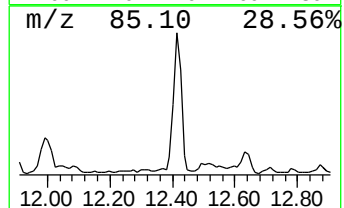
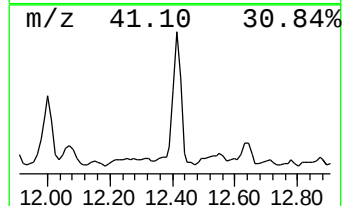
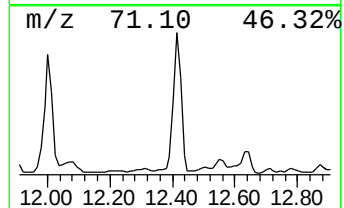
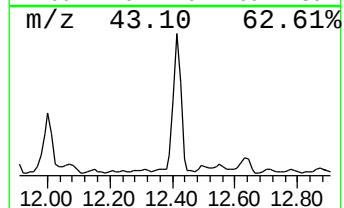
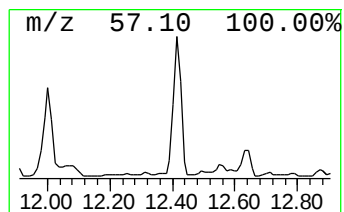
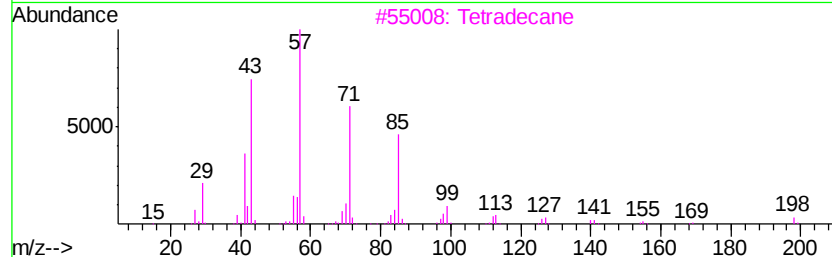
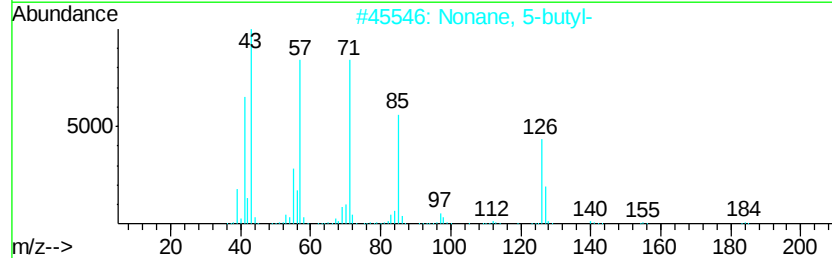
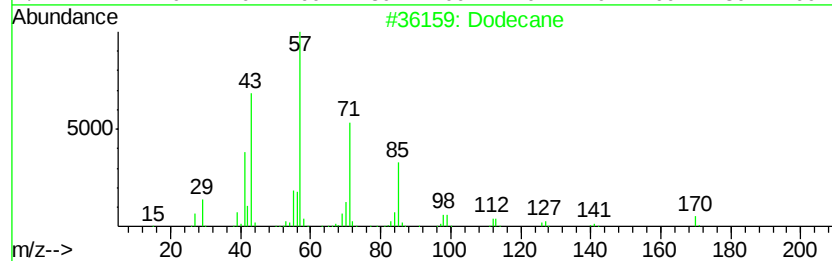
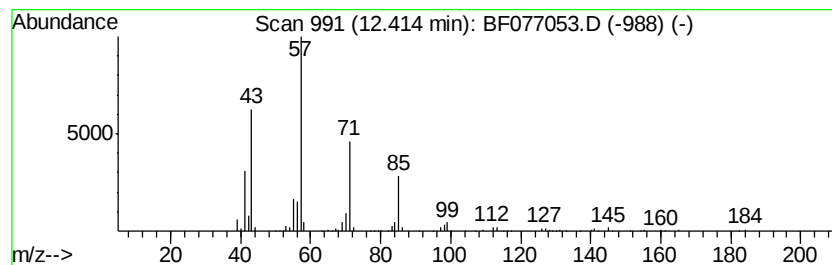
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Nonane, 5-butyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.41	36.10 ng	1095390	Naphthalene-d8	10.68

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane	170	C12H26	000112-40-3	90
2		Nonane, 5-butyl-	184	C13H28	017312-63-9	80
3		Tetradecane	198	C14H30	000629-59-4	72
4		Hexadecane	226	C16H34	000544-76-3	64
5		Tridecane	184	C13H28	000629-50-5	62



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012615\
Data File : BF077053.D
Acq On : 26 Jan 2015 14:37
Operator : TP/IZ
Sample : G1052-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

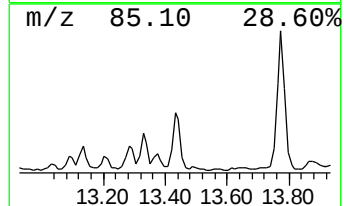
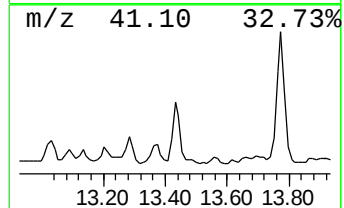
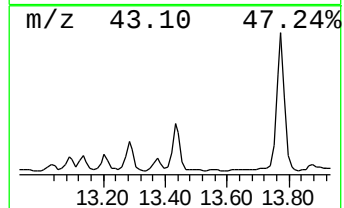
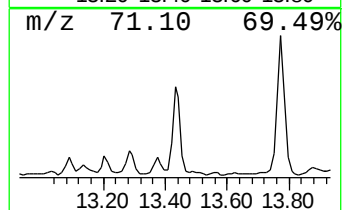
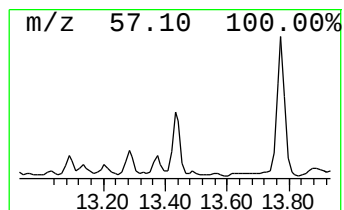
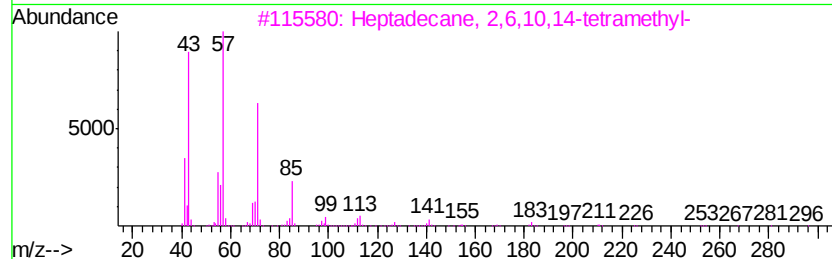
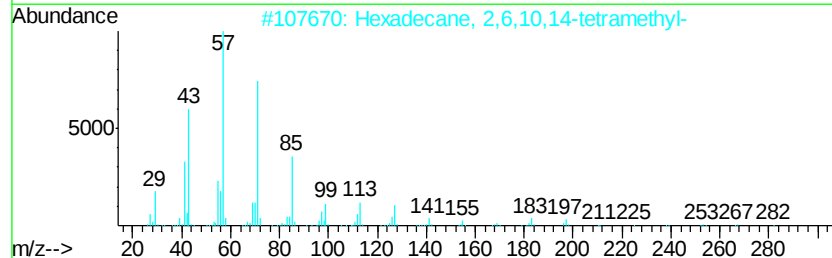
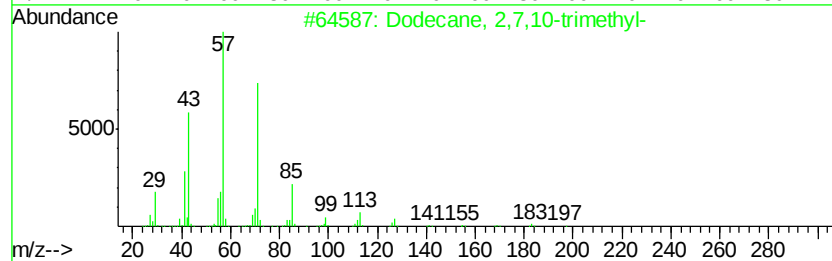
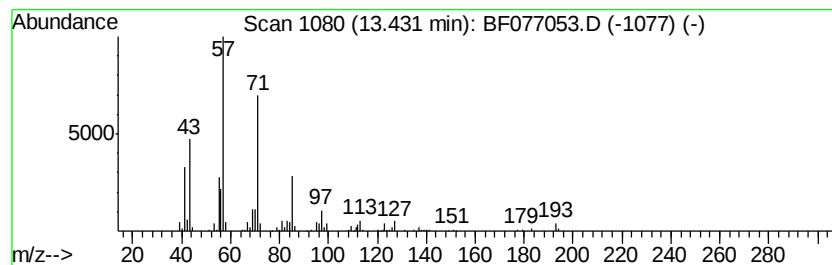
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Dodecane, 2,7,10-trimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.		
13.43	21.39 ng	438974	Acenaphthene-d10	14.80		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	72	
2	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	72	
3	Heptadecane, 2,6,10,14-tetramethyl-	296	C21H44	018344-37-1	64	
4	Tetratriacontane	479	C34H70	014167-59-0	64	
5	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	64	



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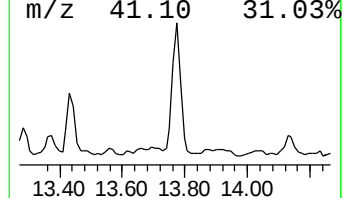
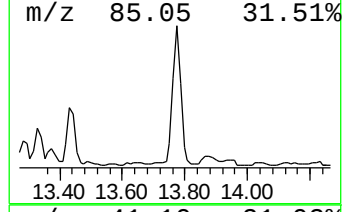
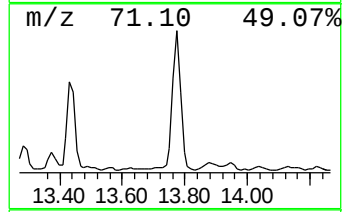
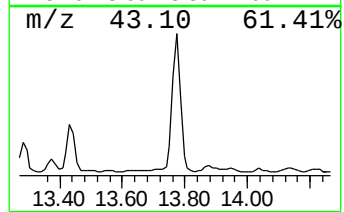
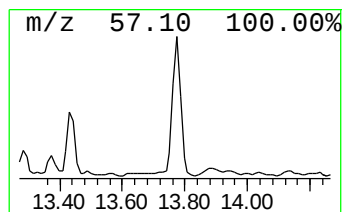
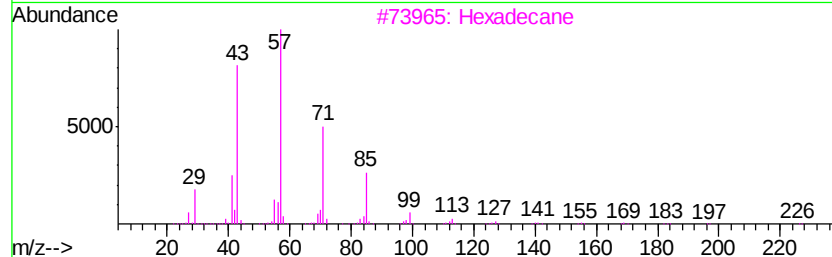
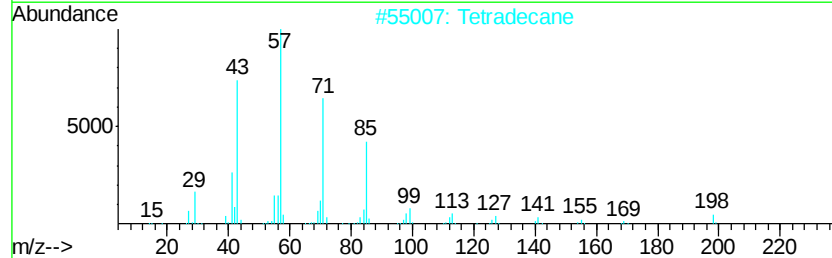
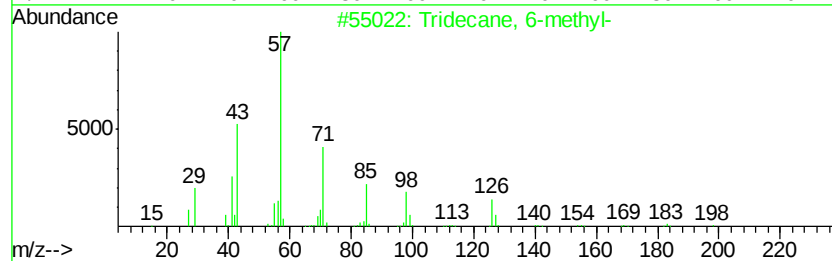
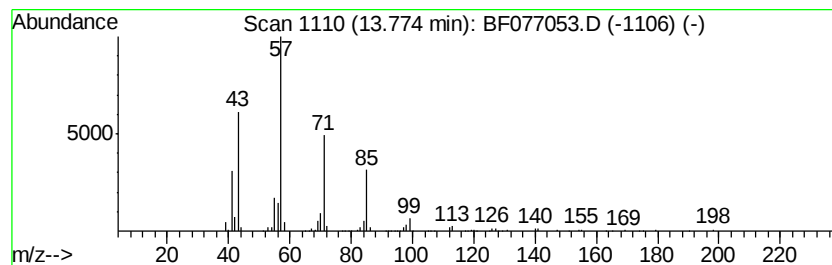
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Tridecane, 6-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.77	45.17 ng	926882	Acenaphthene-d10	14.80

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecane, 6-methyl-	198	C14H30	013287-21-3	91
2		Tetradecane	198	C14H30	000629-59-4	90
3		Hexadecane	226	C16H34	000544-76-3	87
4		Tridecane	184	C13H28	000629-50-5	86
5		Octane, 2,4,6-trimethyl-	156	C11H24	062016-37-9	59



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012615\
Data File : BF077053.D
Acq On : 26 Jan 2015 14:37
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Misc :
ALS Vial : 8 Sample Multiplier: 1

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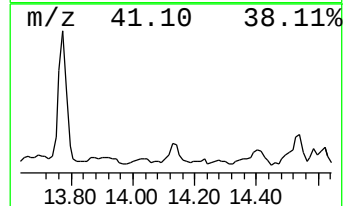
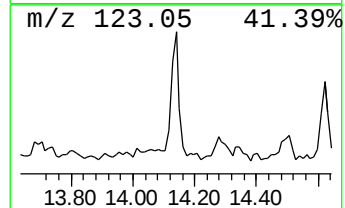
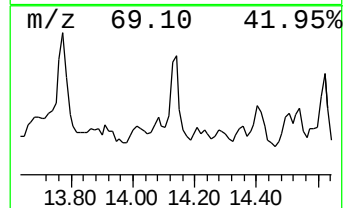
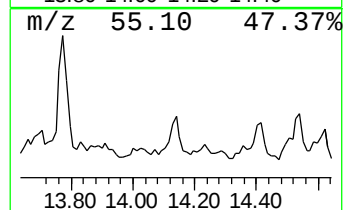
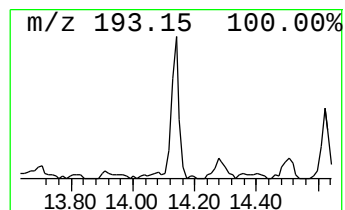
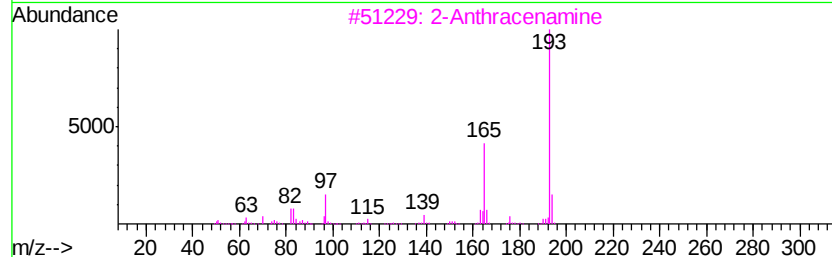
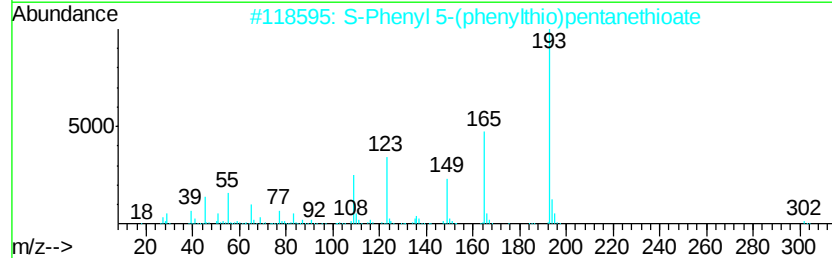
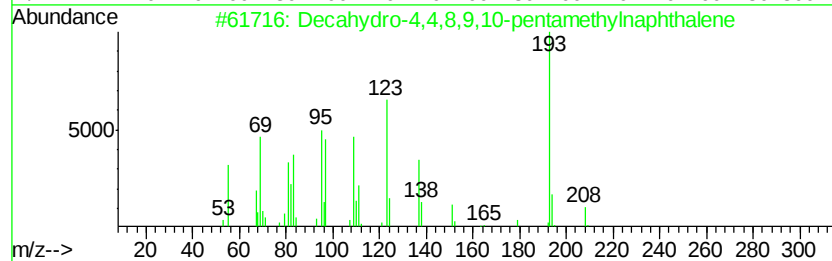
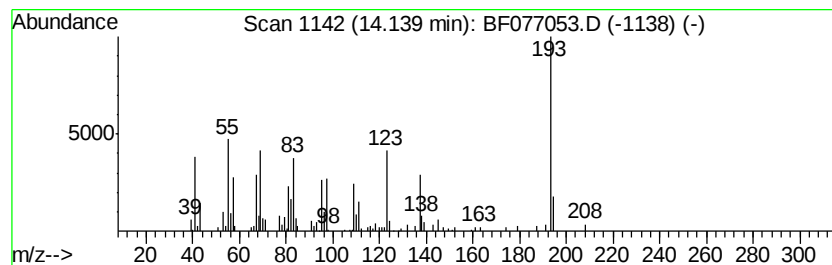
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Decahydro-4,4,8,9,10-pentam... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.14	12.15 ng	249281	Acenaphthene-d10	14.80

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decahydro-4,4,8,9,10-pentamethyl...	208	C15H28	080655-44-3	55
2		S-Phenyl 5-(phenylthio)pentaneth...	302	C17H18OS2	1000234-40-7	50
3		2-Anthracenamine	193	C14H11N	000613-13-8	43
4		6-Methylphenanthridine	193	C14H11N	003955-65-5	35
5		3-Phenylindole	193	C14H11N	001504-16-1	35



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012615\
Data File : BF077053.D
Acq On : 26 Jan 2015 14:37
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Sample : G1052-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

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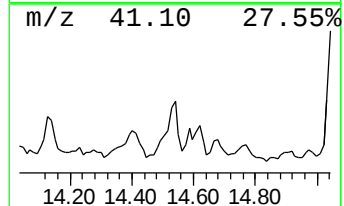
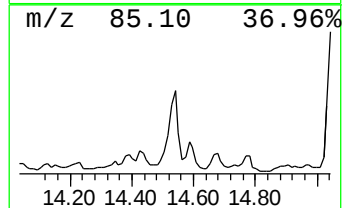
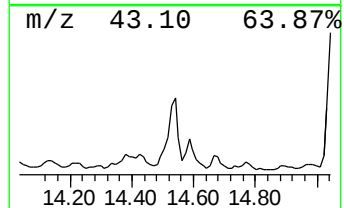
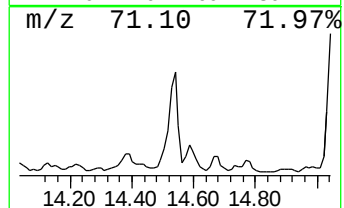
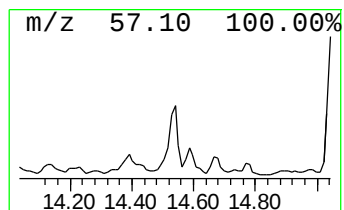
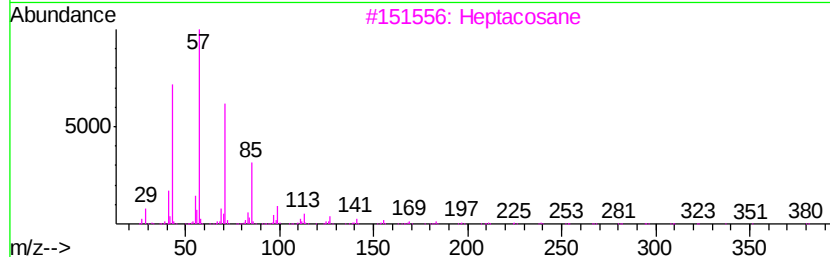
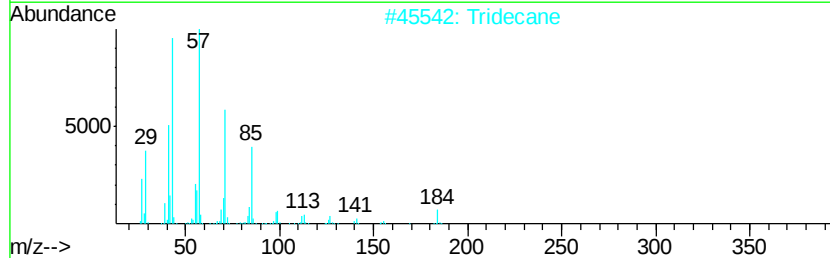
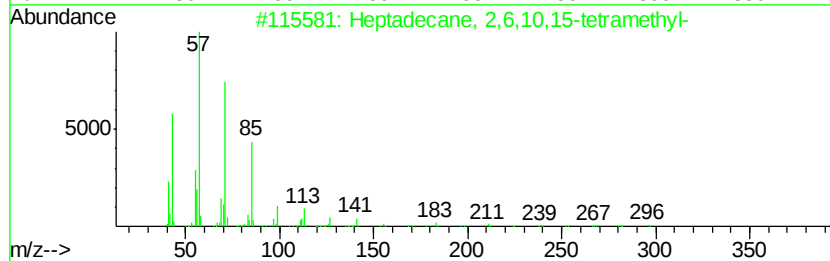
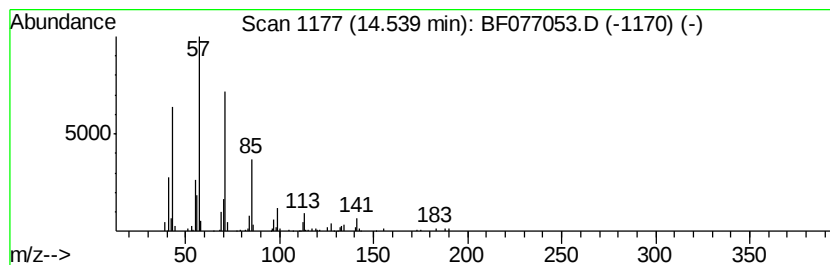
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.54	20.74 ng	425655	Acenaphthene-d10	14.80

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	91
2		Tridecane	184	C13H28	000629-50-5	86
3		Heptacosane	380	C27H56	000593-49-7	86
4		Eicosane	282	C20H42	000112-95-8	86
5		Tetracosane	338	C24H50	000646-31-1	86



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012615\
Data File : BF077053.D
Acq On : 26 Jan 2015 14:37
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Misc :
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Instrument :
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ClientSampleId :
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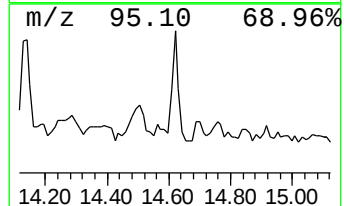
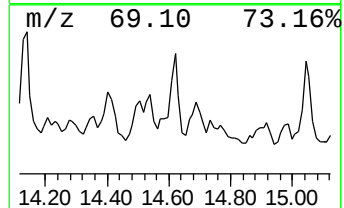
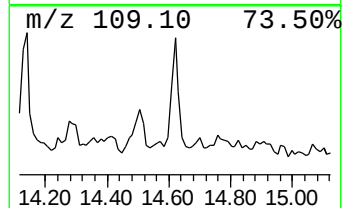
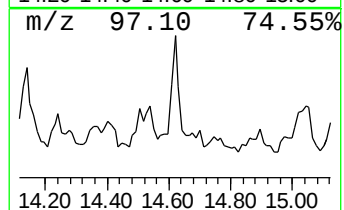
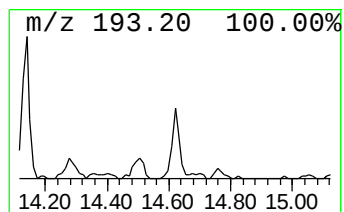
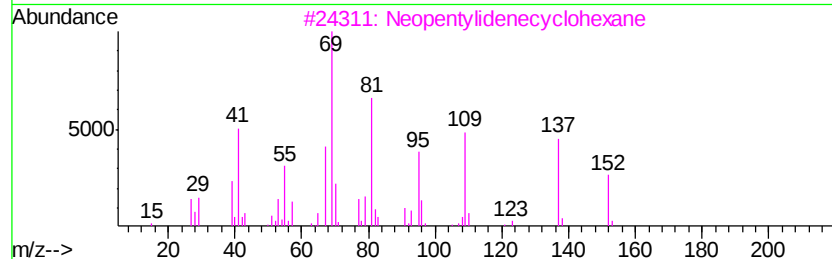
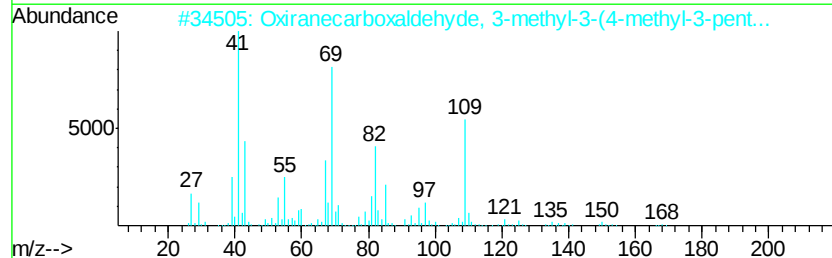
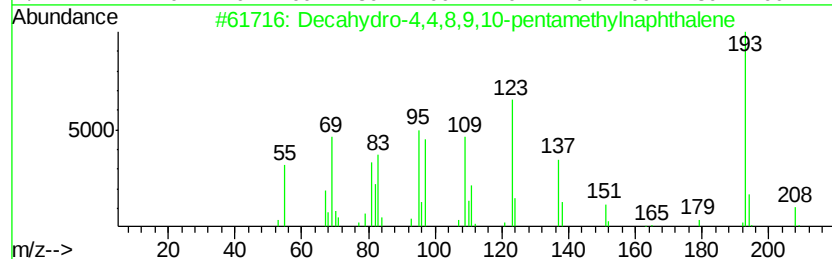
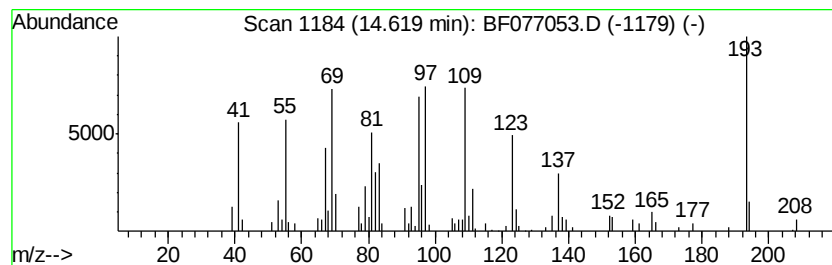
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 unknown14.62 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.62	12.82 ng	263110	Acenaphthene-d10	14.80

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decahydro-4,4,8,9,10-pentamethyl...	208	C15H28	080655-44-3	27
2		Oxiranecarboxaldehyde, 3-methyl-...	168	C10H16O2	016996-12-6	22
3		Neopentylidenecyclohexane	152	C11H20	039546-80-0	22
4		Naphthalene, decahydro-1,6-dimet...	208	C15H28	029788-41-8	20
5		1H-Indene, octahydro-2,3a,4-trim...	208	C15H28	031230-13-4	18



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012615\
Data File : BF077053.D
Acq On : 26 Jan 2015 14:37
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Misc :
ALS Vial : 8 Sample Multiplier: 1

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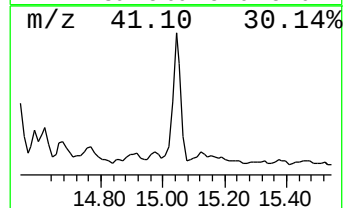
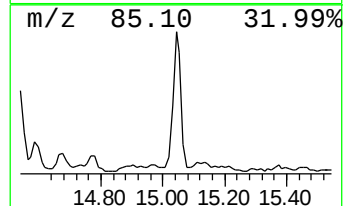
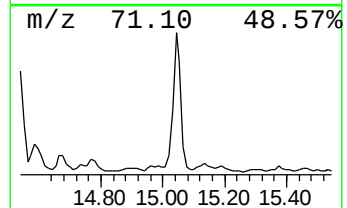
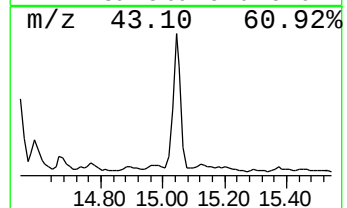
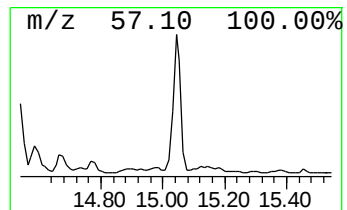
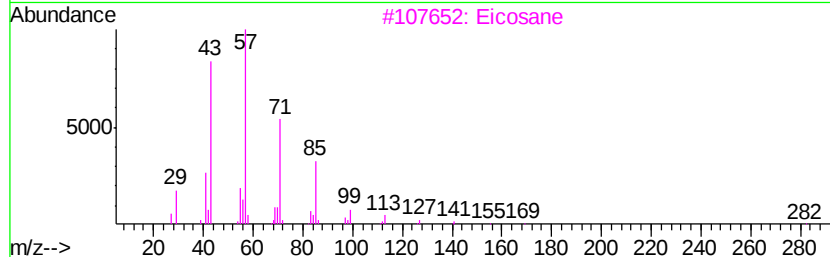
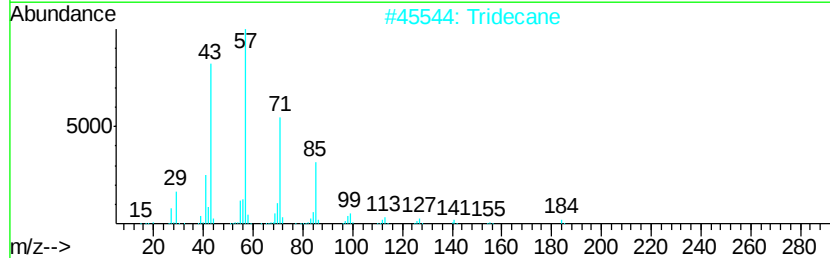
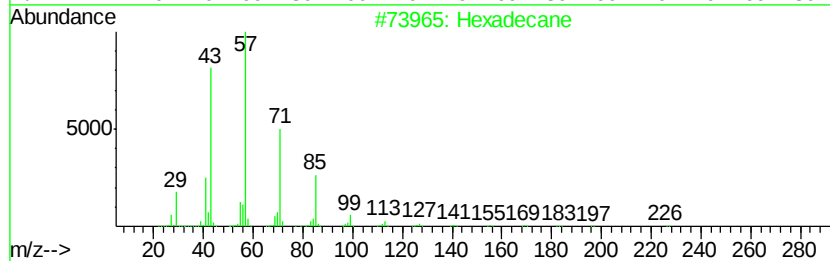
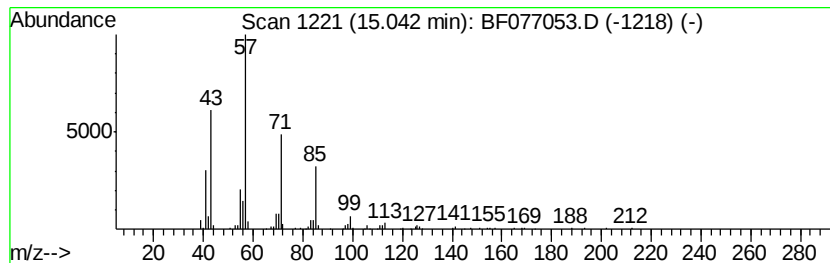
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Hexadecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.04	25.84 ng	530229	Acenaphthene-d10	14.80

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane	226	C16H34	000544-76-3	86
2		Tridecane	184	C13H28	000629-50-5	86
3		Eicosane	282	C20H42	000112-95-8	80
4		Pentadecane	212	C15H32	000629-62-9	78
5		Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	78



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012615\
Data File : BF077053.D
Acq On : 26 Jan 2015 14:37
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Misc :
ALS Vial : 8 Sample Multiplier: 1

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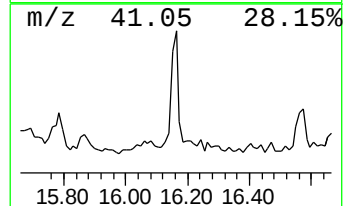
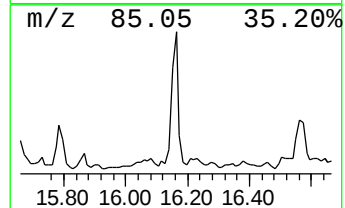
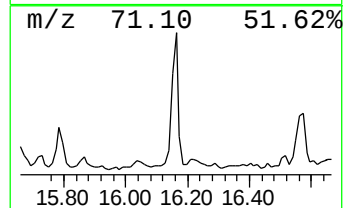
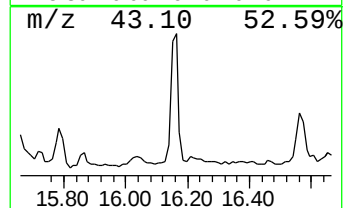
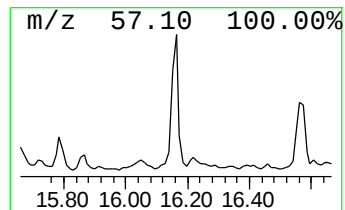
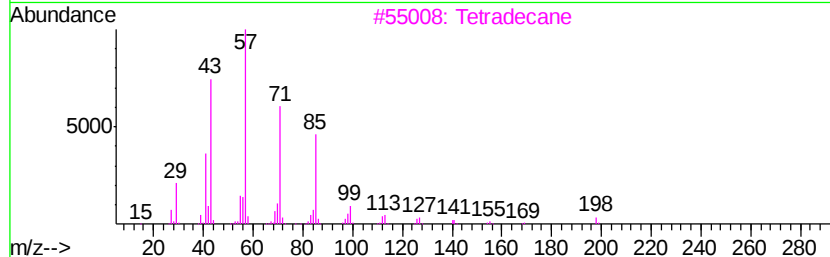
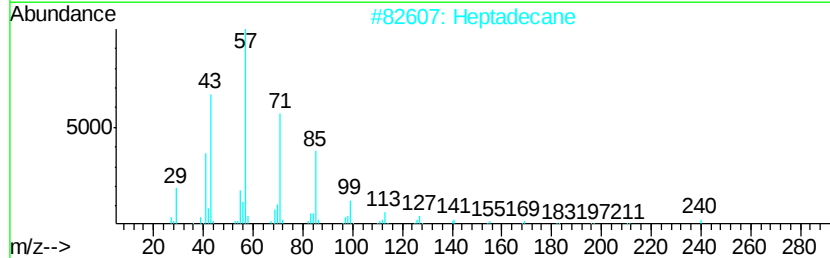
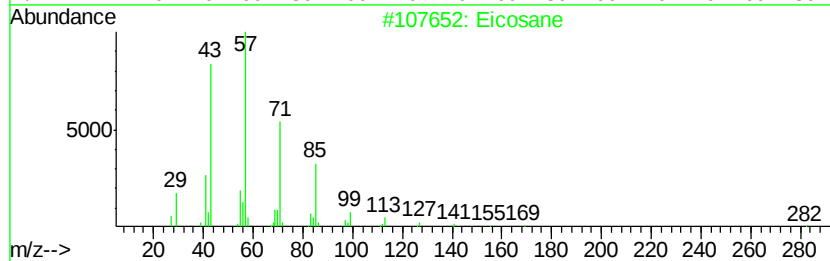
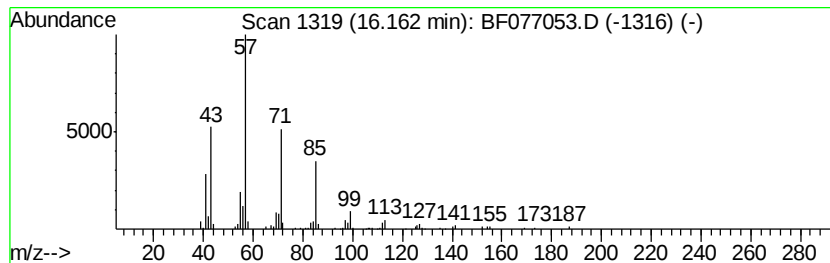
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Eicosane Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.16	10.59 ng	217216	Acenaphthene-d10	14.80

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	91
2		Heptadecane	240	C17H36	000629-78-7	90
3		Tetradecane	198	C14H30	000629-59-4	80
4		Tridecane	184	C13H28	000629-50-5	64
5		Nonane, 5-butyl-	184	C13H28	017312-63-9	59



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012615\
Data File : BF077053.D
Acq On : 26 Jan 2015 14:37
Operator : TP/IZ
Sample : G1052-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

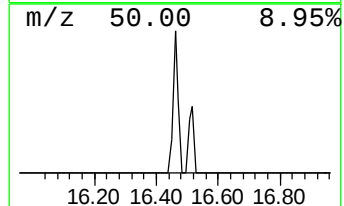
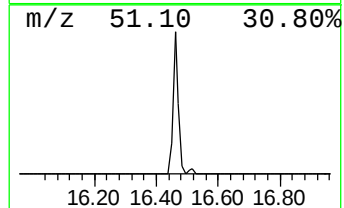
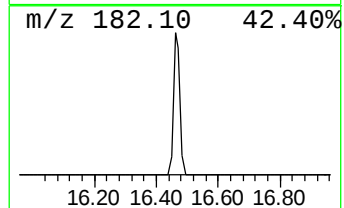
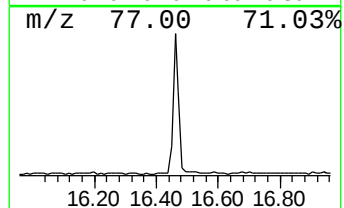
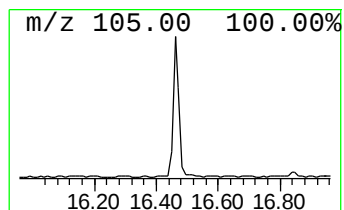
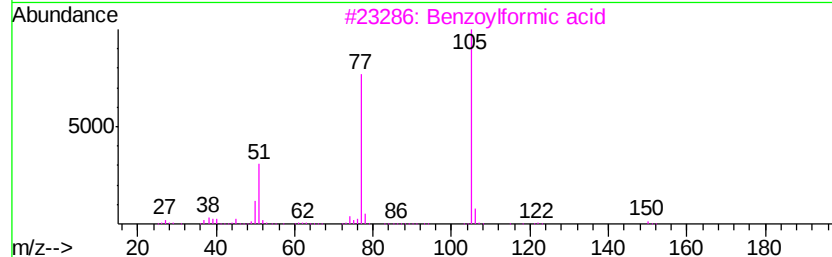
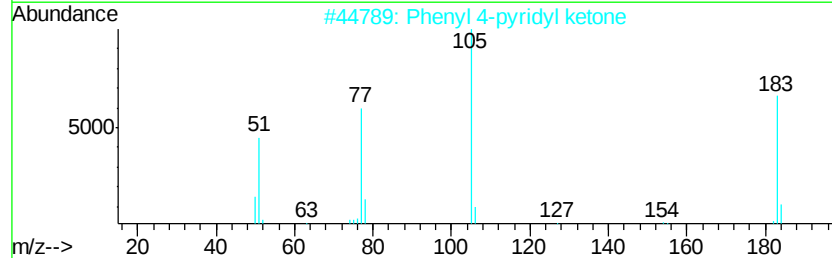
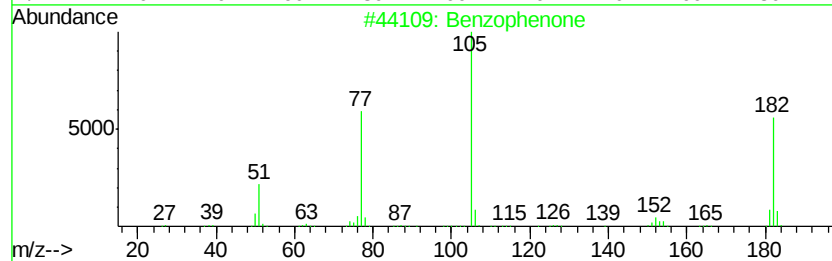
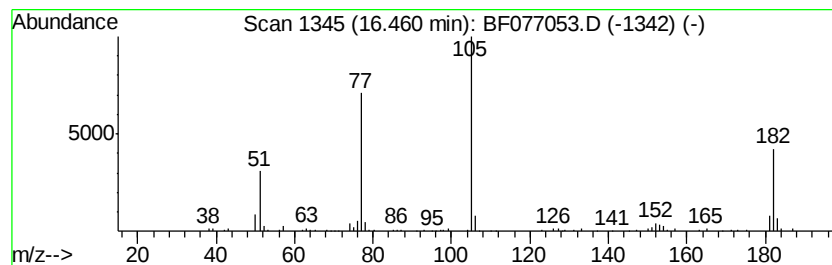
Instrument :
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ClientSampleId :
S8-0406

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 19 Benzophenone Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.	
16.46	11.19 ng	185471	Phenanthrene-d10	17.63	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	95
2	Phenyl 4-pyridyl ketone	183	C12H9NO	014548-46-0	58
3	Benzoylformic acid	150	C8H6O3	000611-73-4	53
4	N-(1-Cyanovinyl)benzamide	172	C10H8N2O	1000186-19-1	47
5	Acetophenone, 2-chloro-	154	C8H7ClO	000532-27-4	47



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012615\
Data File : BF077053.D
Acq On : 26 Jan 2015 14:37
Operator : TP/IZ
Sample : G1052-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampled :
S8-0406

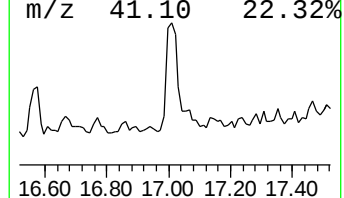
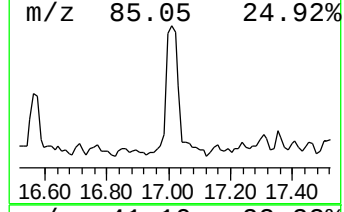
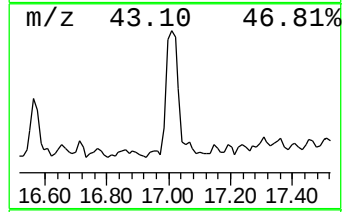
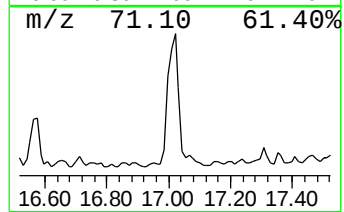
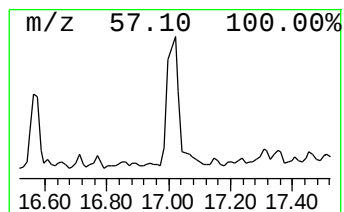
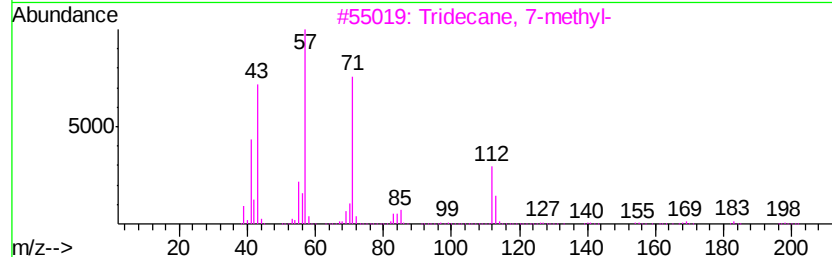
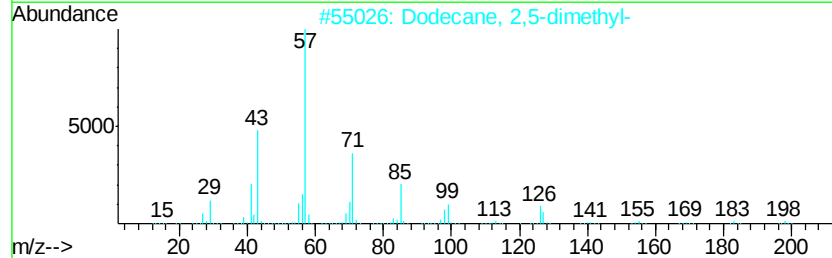
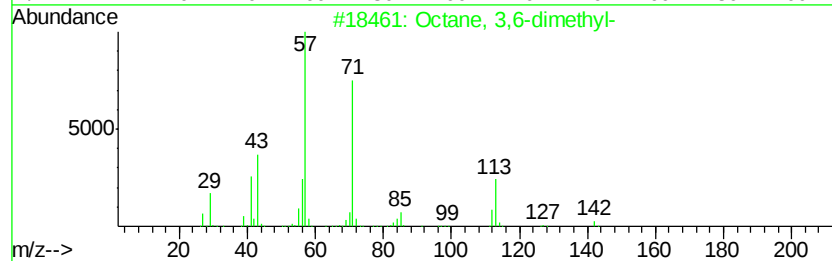
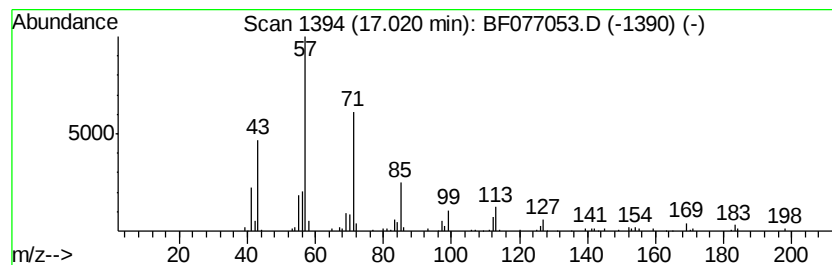
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF011415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Octane, 3,6-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.02	20.81 ng	344961	Phenanthrene-d10	17.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	70
2		Dodecane, 2,5-dimethyl-	198	C14H30	056292-65-0	68
3		Tridecane, 7-methyl-	198	C14H30	026730-14-3	64
4		5,5-Dibutylnonane	240	C17H36	006008-17-9	64
5		Tridecane	184	C13H28	000629-50-5	64



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012615\
 Data File : BF077053.D
 Acq On : 26 Jan 2015 14:37
 Operator : TP/IZ
 Sample : G1052-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S8-0406

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
2-Pentanone, 4-hy...	3.83	20.5	ng	244599	1	7.76	238300	20.0
unknown7.26	7.26	75.3	ng	896728	1	7.76	238300	20.0
Naphthalene, deca...	9.84	10.3	ng	311777	2	10.68	606944	20.0
Hexane, 3-ethyl-2...	10.22	11.4	ng	345062	2	10.68	606944	20.0
Dodecane	10.95	24.8	ng	751548	2	10.68	606944	20.0
Undecane, 3,6-dim...	11.14	20.6	ng	625496	2	10.68	606944	20.0
Cyclohexane, 2-bu...	11.26	11.6	ng	350960	2	10.68	606944	20.0
1-Iodo-2-methylun...	11.89	11.1	ng	337624	2	10.68	606944	20.0
Octane, 2,6-dimet...	12.00	23.8	ng	722450	2	10.68	606944	20.0
Nonane, 5-butyl-	12.41	36.1	ng	1095390	2	10.68	606944	20.0
Dodecane, 2,7,10-...	13.43	21.4	ng	438974	3	14.80	410372	20.0
Tridecane, 6-methyl-	13.77	45.2	ng	926882	3	14.80	410372	20.0
Decahydro-4,4,8,9...	14.14	12.2	ng	249281	3	14.80	410372	20.0
Heptadecane, 2,6,...	14.54	20.7	ng	425655	3	14.80	410372	20.0
unknown14.62	14.62	12.8	ng	263110	3	14.80	410372	20.0
Hexadecane	15.04	25.8	ng	530229	3	14.80	410372	20.0
Eicosane	16.16	10.6	ng	217216	3	14.80	410372	20.0
Benzophenone	16.46	11.2	ng	185471	4	17.63	331521	20.0
Octane, 3,6-dimet...	17.02	20.8	ng	344961	4	17.63	331521	20.0