

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF053015\
 Data File : BF079627.D
 Acq On : 31 May 2015 4:49
 Operator : TP/IZ
 Sample : G2291-06
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 C-13

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-BF052615.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	1.655	39	41	75	rVB	1825332	4176533	62.79%	2.472%
2	5.199	349	351	362	rBV	1028214	1481646	22.27%	0.877%
3	6.524	465	467	472	rVB	1270487	1550905	23.31%	0.918%
4	6.650	476	478	480	rVB	1540387	1606191	24.15%	0.951%
5	6.936	500	503	505	rBV	583598	708492	10.65%	0.419%
6	6.982	505	507	509	rVB	664282	698314	10.50%	0.413%
7	7.119	516	519	523	rBV2	1556802	2078236	31.24%	1.230%
8	7.256	525	531	532	rBV2	367416	602170	9.05%	0.356%
9	7.313	532	536	537	rVB2	424242	688755	10.35%	0.408%
10	7.393	540	543	546	rBV2	382628	803972	12.09%	0.476%
11	7.450	546	548	550	rVB	515944	707255	10.63%	0.419%
12	7.610	560	562	563	rBV	486275	673064	10.12%	0.398%
13	7.633	563	564	566	rVB	818218	672784	10.11%	0.398%
14	7.747	570	574	577	rVB3	539655	984791	14.80%	0.583%
15	7.850	581	583	585	rVB2	469674	636893	9.57%	0.377%
16	7.930	585	590	593	rVB2	850992	1912394	28.75%	1.132%
17	8.067	599	602	605	rVB3	990454	1705559	25.64%	1.009%
18	8.170	608	611	612	rBV2	945088	1383152	20.79%	0.819%
19	8.205	612	614	617	rVB3	809408	1262871	18.98%	0.747%
20	8.250	617	618	621	rVB	666395	862830	12.97%	0.511%
21	8.307	621	623	628	rBV3	1436414	2211928	33.25%	1.309%
22	8.376	628	629	631	rBV	391587	624608	9.39%	0.370%
23	8.513	635	641	643	rBV3	1740625	4258741	64.02%	2.520%
24	8.570	643	646	649	rVB5	639420	1240058	18.64%	0.734%
25	8.639	651	652	655	rBV2	2033140	2770748	41.65%	1.640%
26	8.707	655	658	661	rVB4	428407	1254091	18.85%	0.742%
27	8.765	661	663	666	rBV2	1767743	2707345	40.70%	1.602%
28	8.867	669	672	674	rBV3	718324	1130858	17.00%	0.669%
29	8.902	674	675	677	rBV2	1259652	1362134	20.48%	0.806%
30	8.947	677	679	681	rVB3	528951	936326	14.08%	0.554%
31	8.993	681	683	686	rBV3	1110625	1669516	25.10%	0.988%
32	9.096	689	692	694	rBV3	2815879	4402341	66.18%	2.605%
33	9.142	694	696	698	rVB3	1148741	1464512	22.02%	0.867%
34	9.199	698	701	704	rBV5	877860	1803422	27.11%	1.067%

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35	9.302	704	710	711	rBV3	1150535	2718843	40.87%	1.609%
36	9.336	711	713	715	rVB3	660719	763651	11.48%	0.452%
37	9.382	715	717	719	rVB3	473609	658142	9.89%	0.389%
38	9.416	719	720	722	rVB	987048	1142832	17.18%	0.676%
39	9.462	722	724	726	rVB2	656530	809395	12.17%	0.479%
40	9.496	726	727	730	rBV2	904805	1730124	26.01%	1.024%
41	9.553	730	732	734	rBV2	1934442	3431228	51.58%	2.031%
42	9.622	736	738	739	rBV2	504129	714611	10.74%	0.423%
43	9.668	740	742	745	rBV4	789894	1199956	18.04%	0.710%
44	9.839	752	757	758	rBV3	3169041	5244352	78.84%	3.104%
45	9.862	758	759	761	rVV	1546530	1448256	21.77%	0.857%
46	9.942	764	766	767	rBV2	942636	1284426	19.31%	0.760%
47	9.976	767	769	770	rVB	515241	582947	8.76%	0.345%
48	10.010	770	772	774	rBV	1116574	2111438	31.74%	1.250%
49	10.045	774	775	777	rVV2	1337097	1547222	23.26%	0.916%
50	10.079	777	778	781	rVB3	1062980	1613138	24.25%	0.955%
51	10.148	781	784	785	rVB2	549307	977715	14.70%	0.579%
52	10.182	785	787	790	rBV2	1559420	2935065	44.12%	1.737%
53	10.273	793	795	796	rVV2	1421572	1832493	27.55%	1.084%
54	10.308	796	798	802	rVB4	1340153	2674513	40.21%	1.583%
55	10.399	804	806	811	rVB5	3028585	6652014	100.00%	3.937%
56	10.570	820	821	823	rVB	1110694	840767	12.64%	0.498%
57	10.628	823	826	827	rBV3	513181	974278	14.65%	0.577%
58	10.662	827	829	830	rBV	921880	1358042	20.42%	0.804%
59	10.685	830	831	833	rBV2	842877	940709	14.14%	0.557%
60	10.833	842	844	846	rVB	1585157	2609879	39.23%	1.545%
61	10.879	846	848	849	rVB	1025487	812832	12.22%	0.481%
62	10.948	851	854	856	rBV	1578586	2896349	43.54%	1.714%
63	10.993	856	858	860	rVB2	1600043	2882475	43.33%	1.706%
64	11.062	861	864	865	rBV2	1120543	1379932	20.74%	0.817%
65	11.096	865	867	868	rVB	1009323	1140323	17.14%	0.675%
66	11.131	868	870	873	rVB	1153592	1541407	23.17%	0.912%
67	11.188	873	875	877	rBV3	1155570	2519757	37.88%	1.491%
68	11.359	889	890	892	rVB2	1257480	1313660	19.75%	0.777%
69	11.405	892	894	896	rBV2	1368389	2571408	38.66%	1.522%
70	11.565	905	908	911	rVB2	2994475	4515836	67.89%	2.672%
71	11.679	914	918	920	rVB3	1451090	2799577	42.09%	1.657%

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72	11.725	920	922	923	rBV	897371	1092815	16.43%	0.647%
73	11.793	926	928	930	rBV3	657186	1303236	19.59%	0.771%
74	11.828	930	931	934	rVB2	752190	908176	13.65%	0.537%
75	11.896	934	937	939	rBV	3910514	6095421	91.63%	3.607%
76	11.988	943	945	947	rBV2	495811	864849	13.00%	0.512%
77	12.045	947	950	952	rVV4	686286	1890706	28.42%	1.119%
78	12.079	952	953	955	rVV	1216338	1816517	27.31%	1.075%
79	12.148	958	959	961	rVB	1090919	1127002	16.94%	0.667%
80	12.228	961	966	968	rBV3	772460	2022584	30.41%	1.197%
81	12.468	985	987	989	rVB	2995670	3816417	57.37%	2.259%
82	12.525	989	992	993	rBV	493807	879898	13.23%	0.521%
83	12.605	996	999	1001	rBV3	724483	1057390	15.90%	0.626%
84	12.674	1003	1005	1007	rBV3	817941	1283996	19.30%	0.760%
85	12.822	1016	1018	1023	rBV4	490102	1445487	21.73%	0.855%
86	12.902	1023	1025	1026	rBV	836753	935242	14.06%	0.553%
87	13.142	1044	1046	1048	rBV	1019996	1874611	28.18%	1.109%
88	13.188	1048	1050	1053	rVB	1190490	1745154	26.23%	1.033%
89	13.279	1056	1058	1060	rBV	936065	1460940	21.96%	0.865%
90	13.439	1070	1072	1074	rVB2	687190	850506	12.79%	0.503%
91	13.542	1079	1081	1084	rVB3	481025	758727	11.41%	0.449%
92	13.748	1097	1099	1100	rBV	692052	830558	12.49%	0.492%
93	13.828	1103	1106	1108	rBV2	1207744	1988407	29.89%	1.177%
94	13.874	1108	1110	1111	rVB2	549139	605293	9.10%	0.358%
95	14.342	1149	1151	1154	rBV	453166	680150	10.22%	0.403%
96	14.388	1154	1155	1159	rVB2	568462	672097	10.10%	0.398%
97	14.514	1164	1166	1168	rVB	1602746	2064057	31.03%	1.222%
98	15.782	1274	1277	1280	rVB	787969	794337	11.94%	0.470%
99	16.811	1365	1367	1373	rBV	657207	1100666	16.55%	0.651%
100	17.463	1421	1424	1427	rBV	694832	807158	12.13%	0.478%

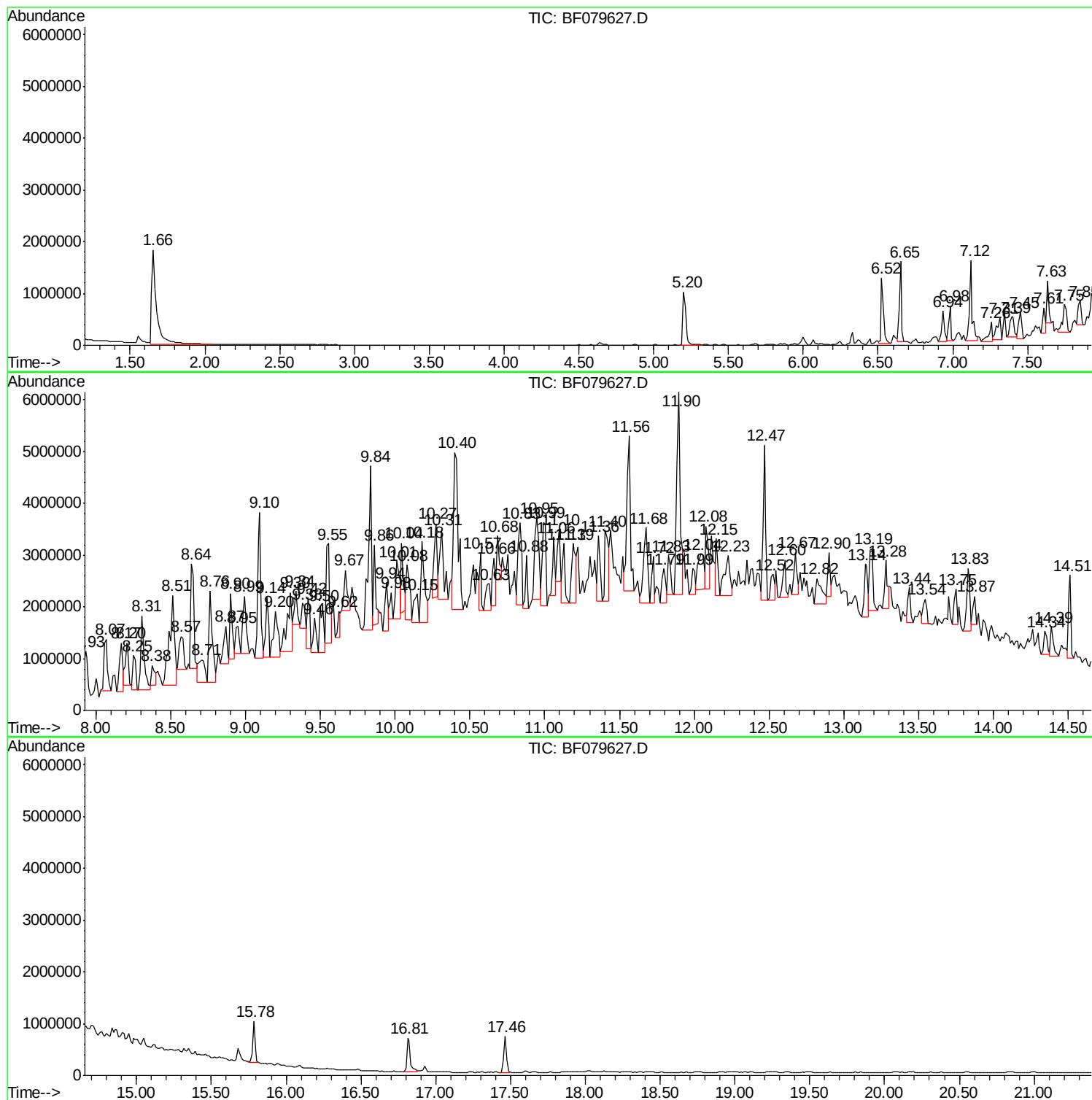
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052615.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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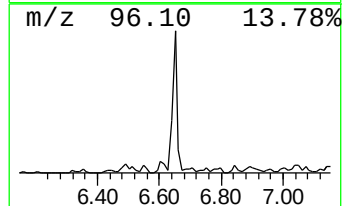
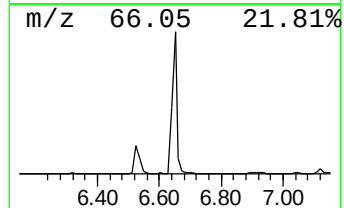
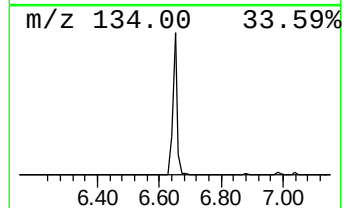
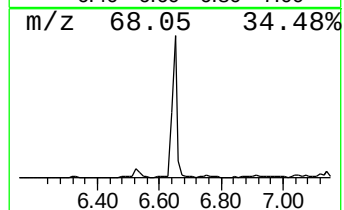
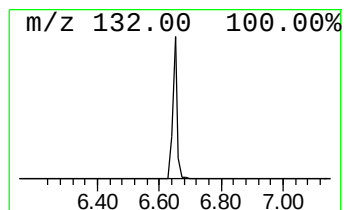
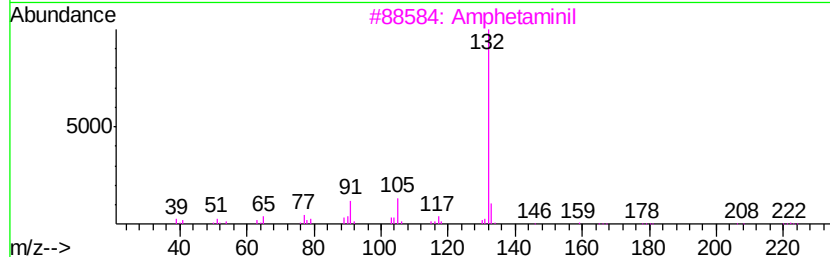
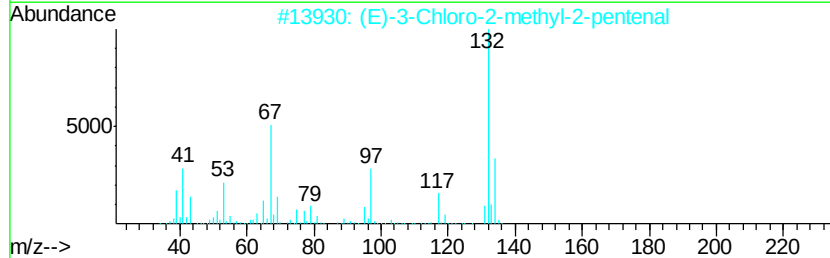
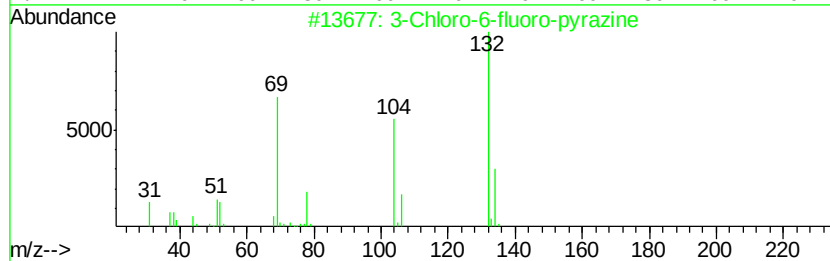
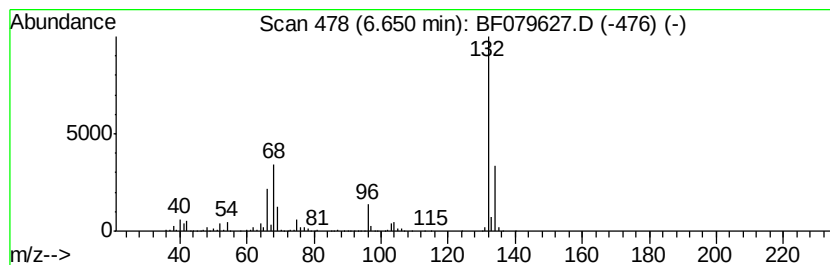
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052615.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 unknown6.65 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.65	45.34 ng	1606190	1,4-Dichlorobenzene-d4	6.94

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	38
2		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	38
3		Amphetaminil	250	C17H18N2	017590-01-1	12
4		5-Aminoindole	132	C8H8N2	005192-03-0	12
5		Tranlylcypromine-propionyl	189	C12H15NO	1000123-86-3	12



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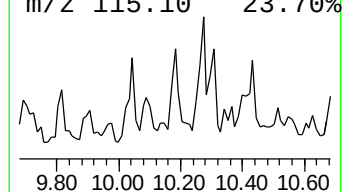
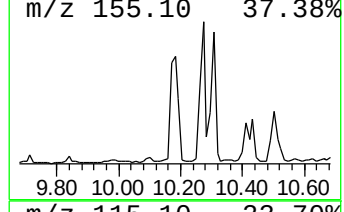
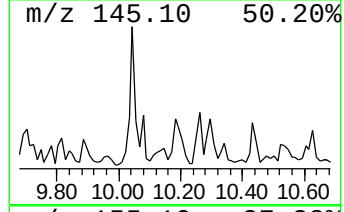
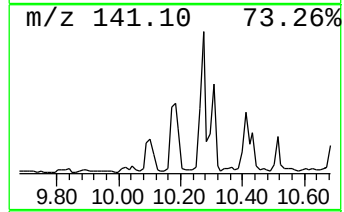
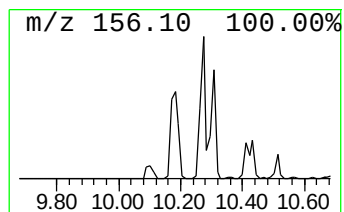
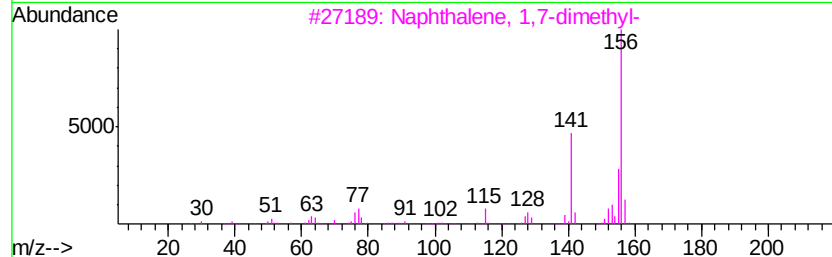
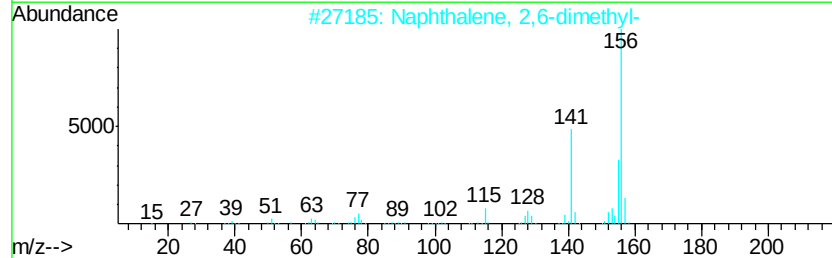
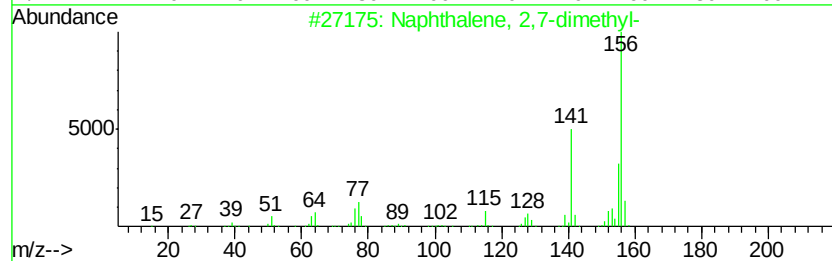
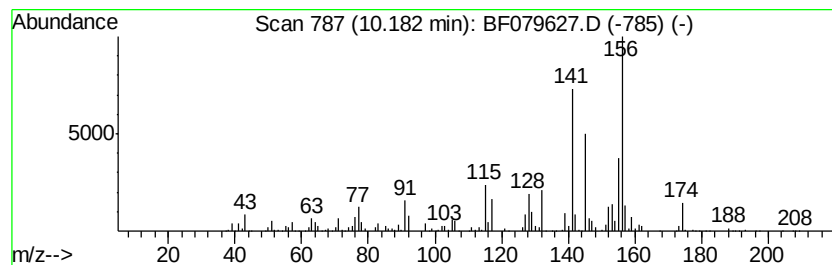
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Naphthalene, 2,7-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.18	62.40 ng	2935070	Acenaphthene-d10	10.68
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, 2,7-dimethyl-	156 C12H12	000582-16-1 95
2		Naphthalene, 2,6-dimethyl-	156 C12H12	000581-42-0 93
3		Naphthalene, 1,7-dimethyl-	156 C12H12	000575-37-1 93
4		Naphthalene, 1,5-dimethyl-	156 C12H12	000571-61-9 92
5		Naphthalene, 1,6-dimethyl-	156 C12H12	000575-43-9 92



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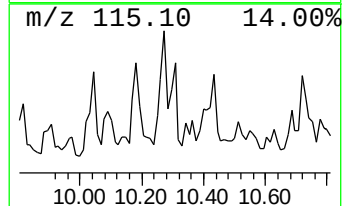
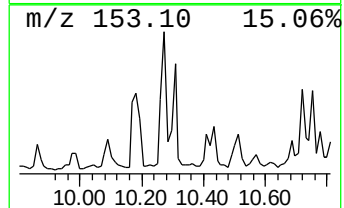
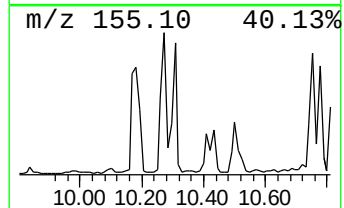
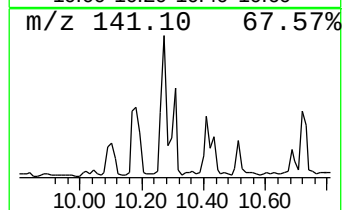
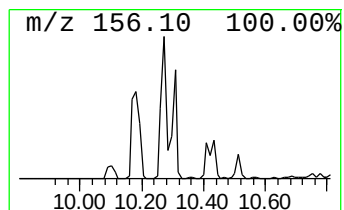
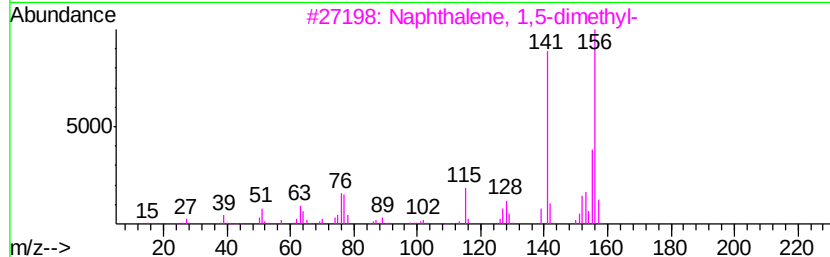
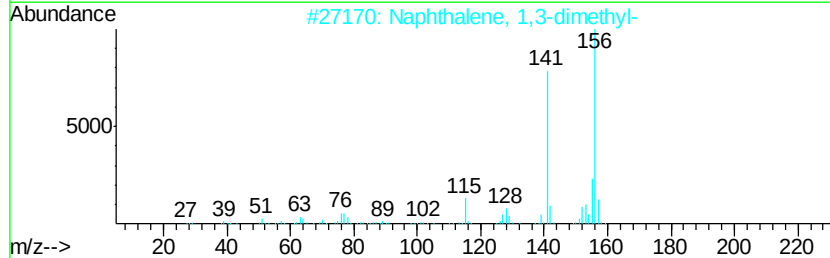
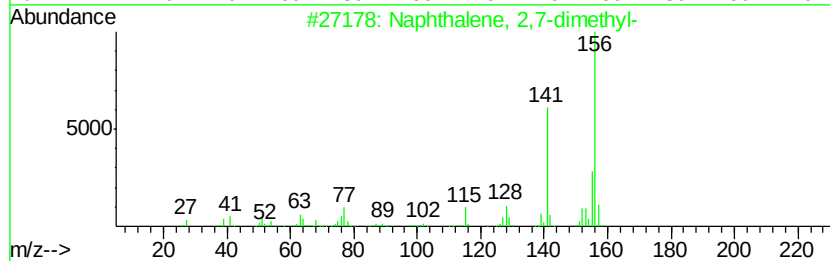
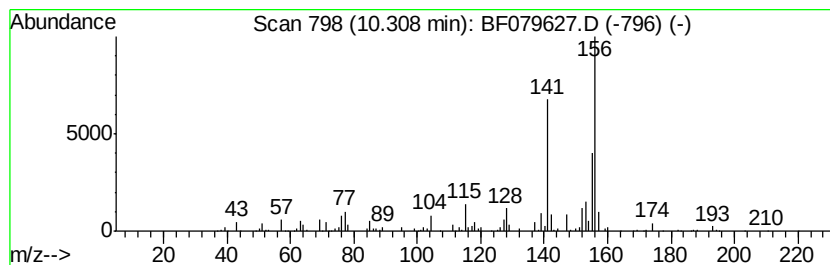
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Naphthalene, 1,3-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.31	56.86 ng	2674510	Acenaphthene-d10	10.68

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
2		Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	94
3		Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	94
4		Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	94
5		Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	93



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF053015\
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Acq On : 31 May 2015 4:49
Operator : TP/IZ
Sample : G2291-06
Misc :
ALS Vial : 27 Sample Multiplier: 1

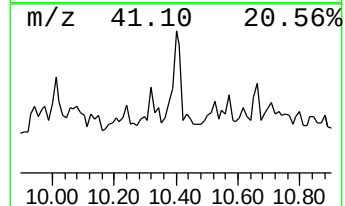
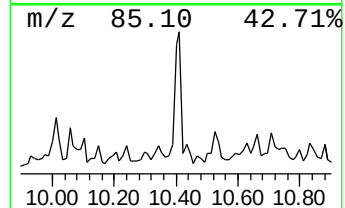
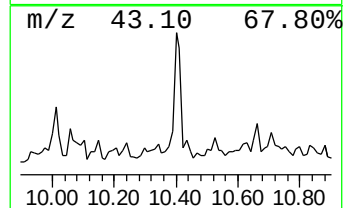
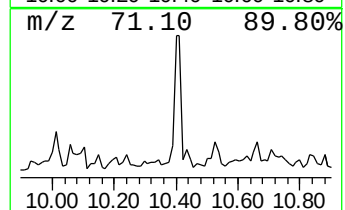
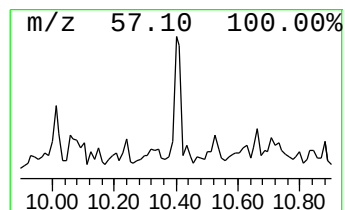
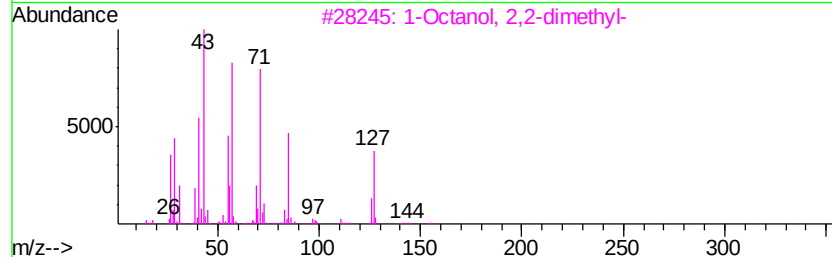
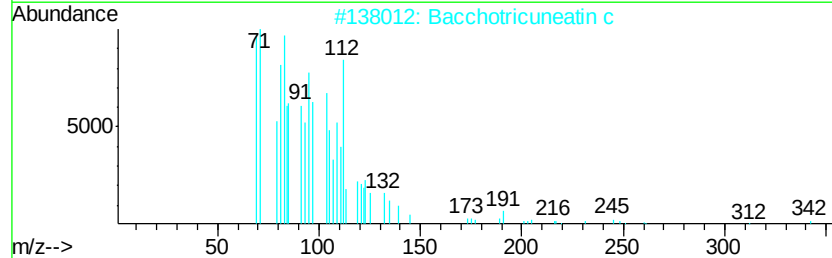
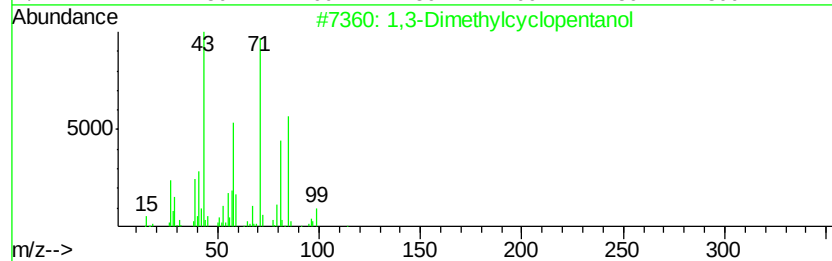
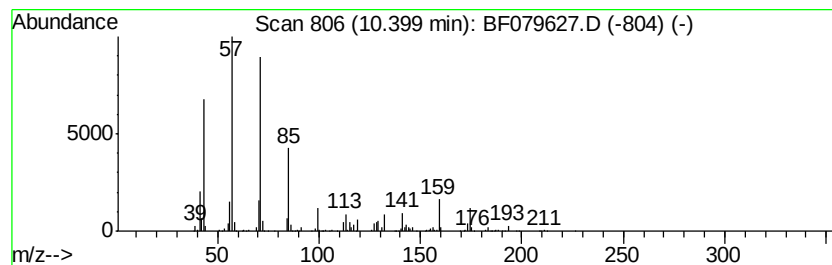
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052615.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 1,3-Dimethylcyclopentanol Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.40	141.43 ng	6652010	Acenaphthene-d10	10.68
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		1,3-Dimethylcyclopentanol	114 C7H14O	019550-46-0 58
2		Bacchotricuneatin c	342 C20H22O5	066563-30-2 53
3		1-Octanol, 2,2-dimethyl-	158 C10H22O	002370-14-1 50
4		Pentane, 2,3,3-trimethyl-	114 C8H18	000560-21-4 50
5		Octacosane	394 C28H58	000630-02-4 47



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF053015\
Data File : BF079627.D
Acq On : 31 May 2015 4:49
Operator : TP/IZ
Sample : G2291-06
Misc :
ALS Vial : 27 Sample Multiplier: 1

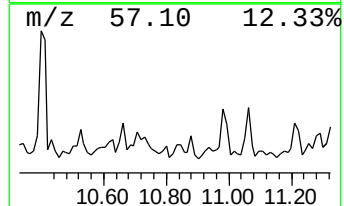
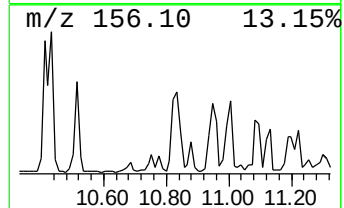
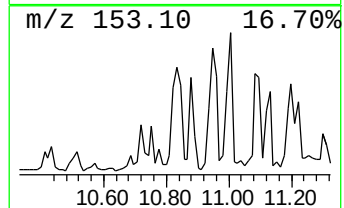
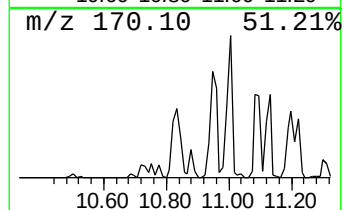
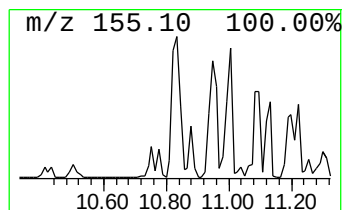
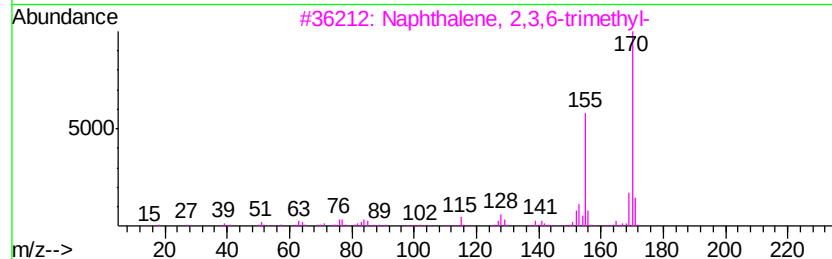
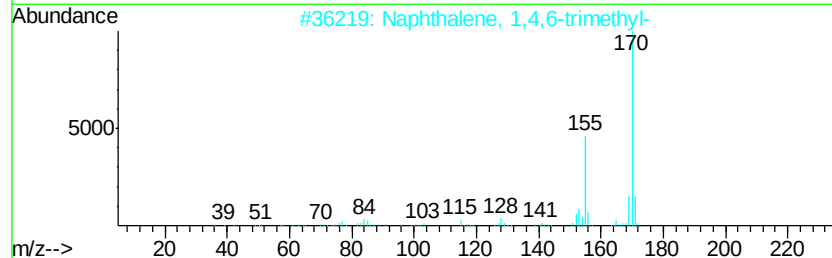
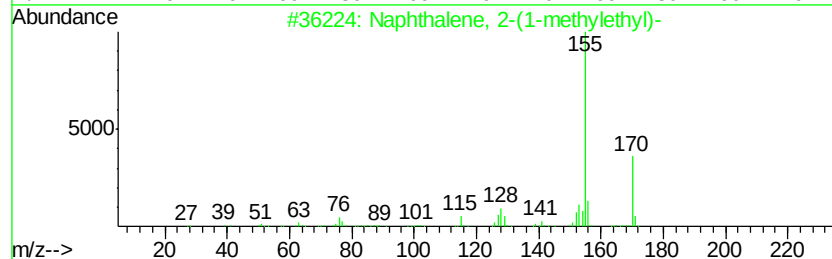
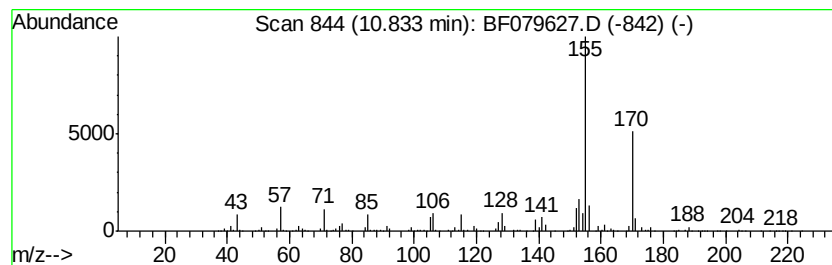
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ClientSampled :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052615.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Naphthalene, 2-(1-methyleth... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.83	55.49 ng	2609880	Acenaphthene-d10	10.68
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, 2-(1-methylethyl)-	170 C13H14	002027-17-0 91
2		Naphthalene, 1,4,6-trimethyl-	170 C13H14	002131-42-2 91
3		Naphthalene, 2,3,6-trimethyl-	170 C13H14	000829-26-5 91
4		2-Naphthyl methyl ketone	170 C12H10O	000093-08-3 72
5		1'-Acetonaphthone	170 C12H10O	000941-98-0 64



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF053015\
Data File : BF079627.D
Acq On : 31 May 2015 4:49
Operator : TP/IZ
Sample : G2291-06
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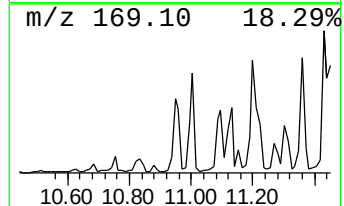
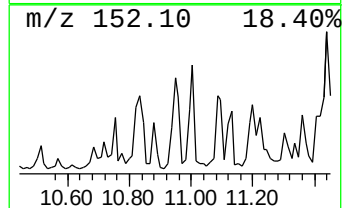
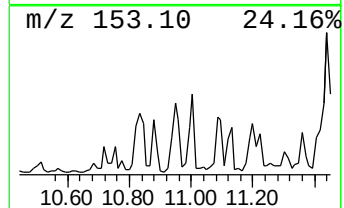
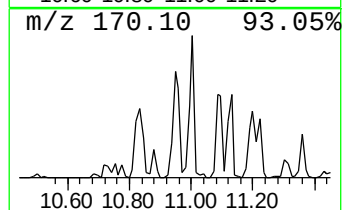
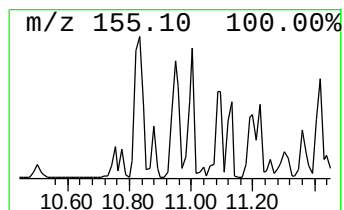
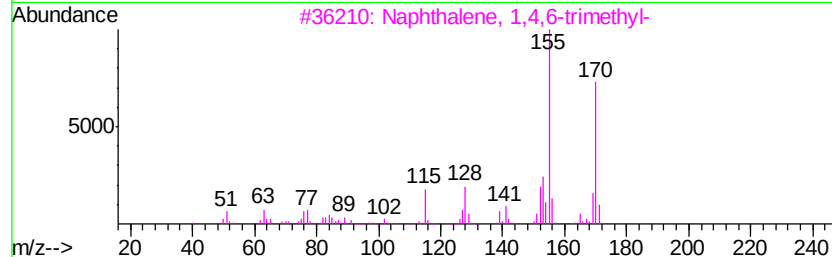
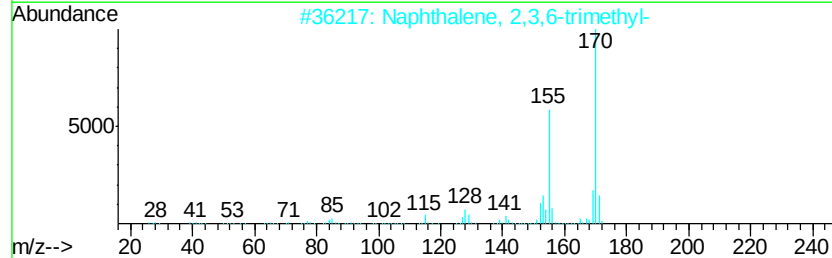
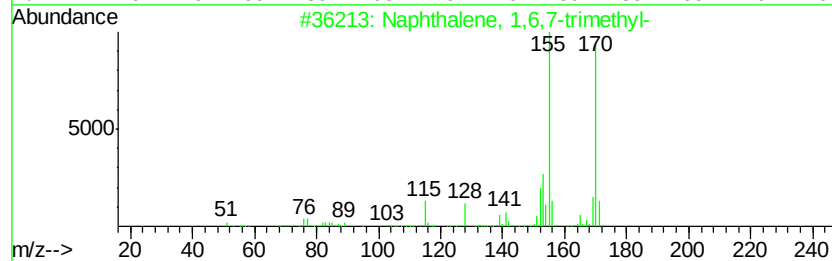
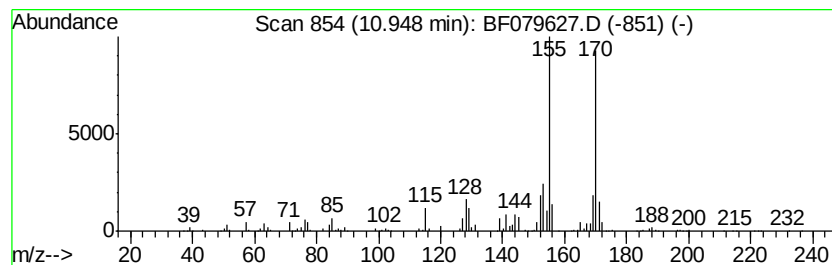
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052615.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Naphthalene, 1,6,7-trimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD		R.T.	
10.95	61.58 ng	2896350	Acenaphthene-d10		10.68	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene,	1,6,7-trimethyl-	170	C13H14	002245-38-7	98
2	Naphthalene,	2,3,6-trimethyl-	170	C13H14	000829-26-5	97
3	Naphthalene,	1,4,6-trimethyl-	170	C13H14	002131-42-2	97
4	Azulene,	4,6,8-trimethyl-	170	C13H14	000941-81-1	96
5	3-(2-Methyl-propenyl)-1H-indene		170	C13H14	1000187-78-5	94



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF053015\
Data File : BF079627.D
Acq On : 31 May 2015 4:49
Operator : TP/IZ
Sample : G2291-06
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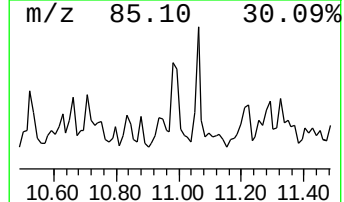
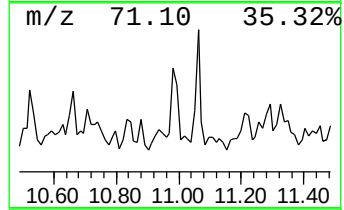
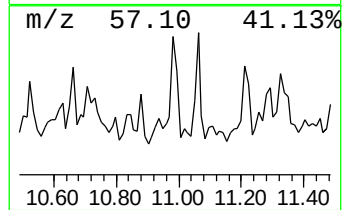
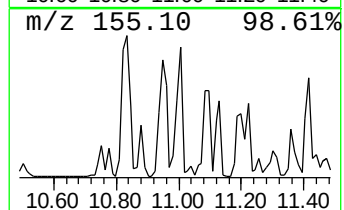
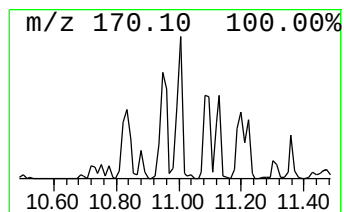
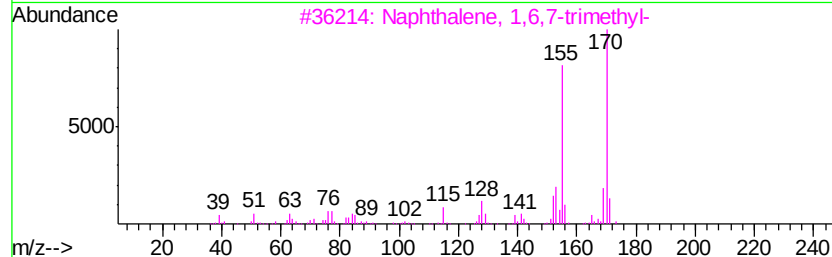
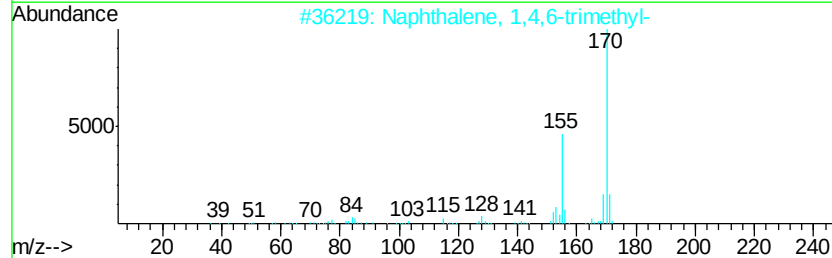
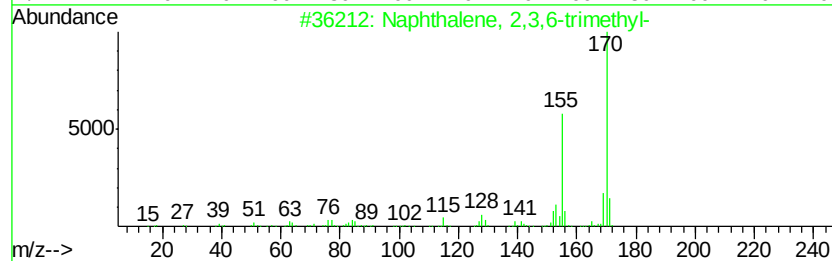
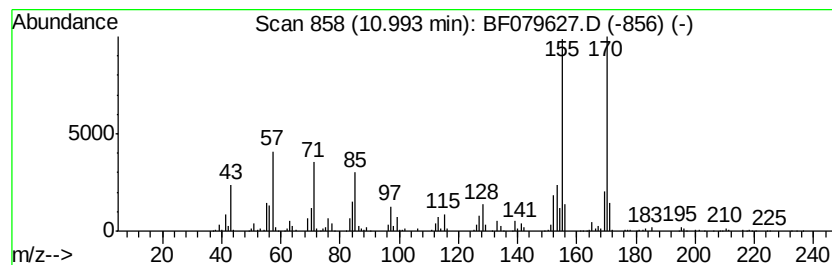
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Naphthalene, 2,3,6-trimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD		R.T.
10.99	61.28 ng	2882480	Acenaphthene-d10		10.68
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	96
2	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	96
3	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	94
4	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	87
5	1-(2,2-Dimethylcyclopropyl)-2-ph...	170	C13H14	1000294-91-1	87



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF053015\
Data File : BF079627.D
Acq On : 31 May 2015 4:49
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Sample : G2291-06
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Instrument :
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ClientSampled :
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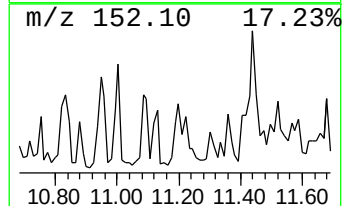
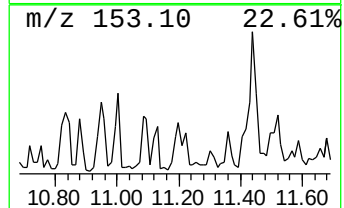
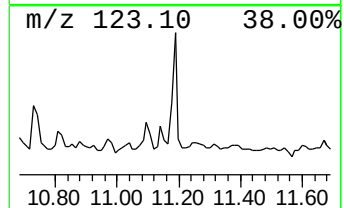
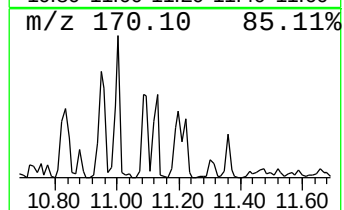
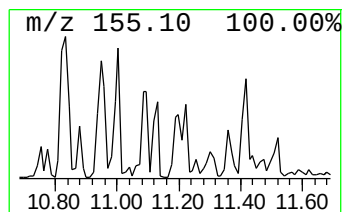
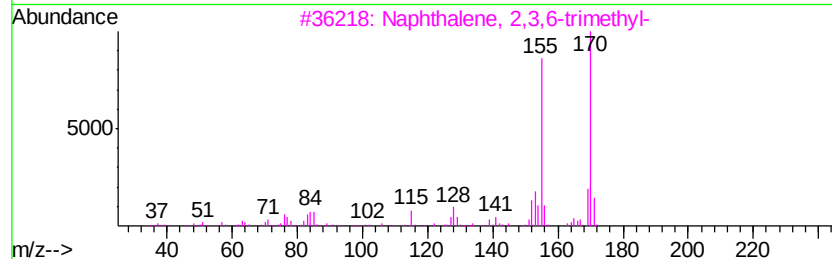
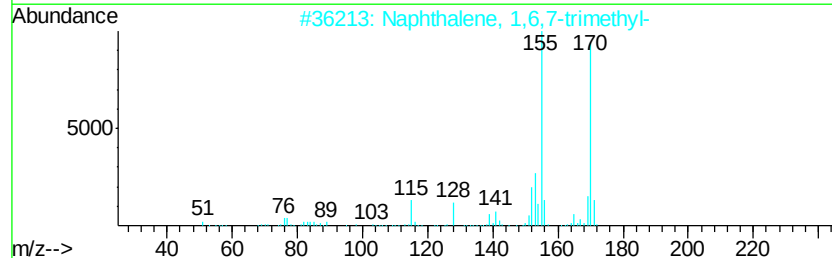
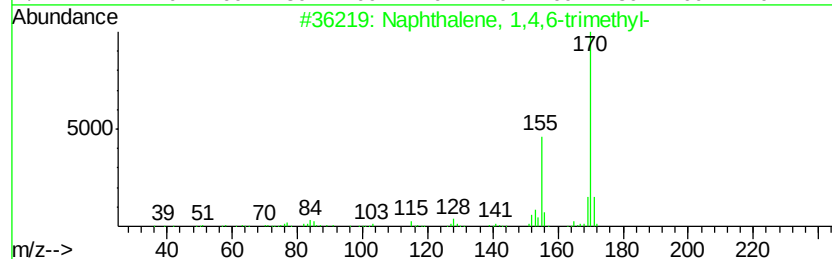
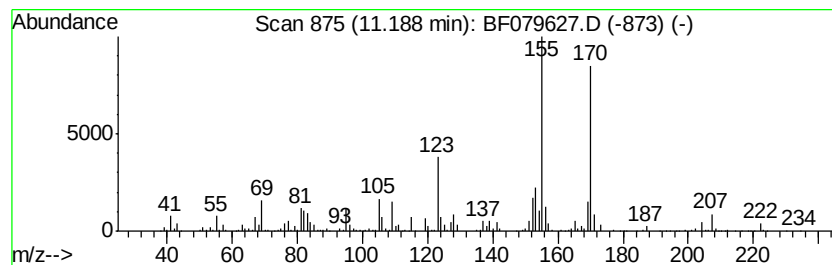
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Naphthalene, 1,4,6-trimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.19	53.57 ng	2519760	Acenaphthene-d10	10.68

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	95
2		Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	94
3		Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	87
4		Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	81
5		Azulene, 4,6,8-trimethyl-	170	C13H14	000941-81-1	80



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF053015\
Data File : BF079627.D
Acq On : 31 May 2015 4:49
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Sample : G2291-06
Misc :
ALS Vial : 27 Sample Multiplier: 1

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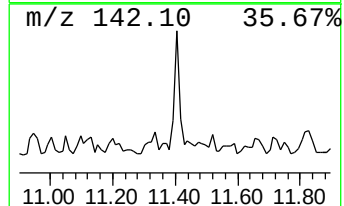
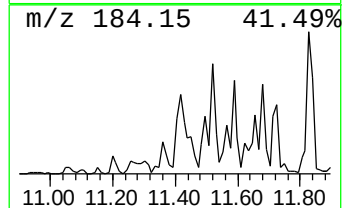
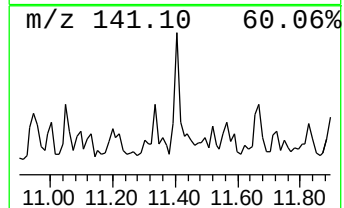
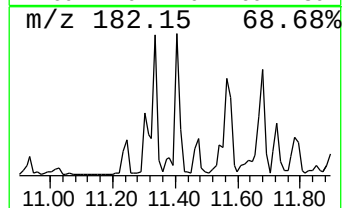
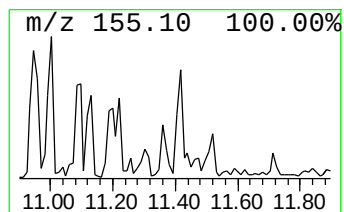
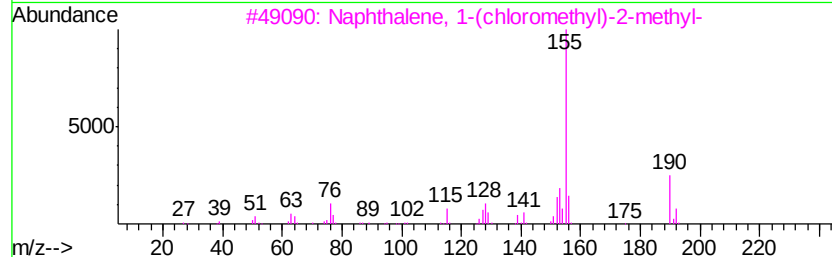
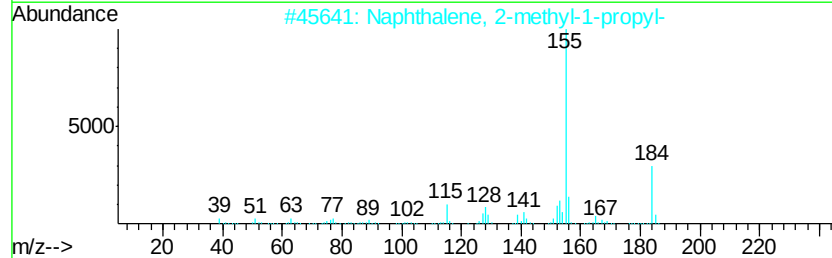
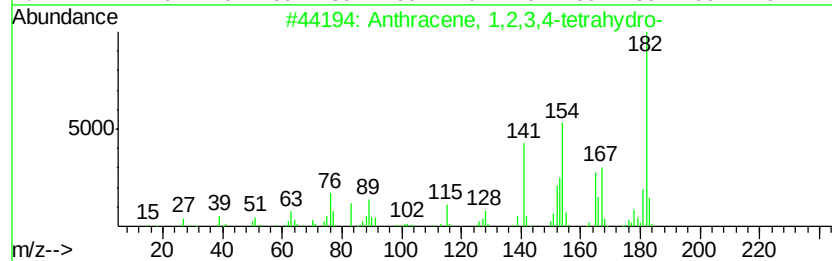
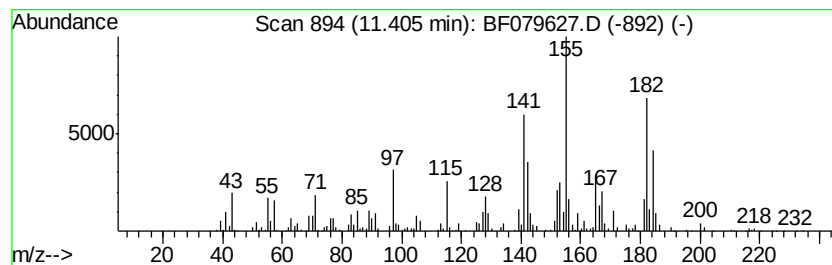
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Anthracene, 1,2,3,4-tetrahy... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.40	54.67 ng	2571410	Acenaphthene-d10	10.68

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Anthracene, 1,2,3,4-tetrahydro-	182	C14H14	002141-42-6	55
2			Naphthalene, 2-methyl-1-propyl-	184	C14H16	054774-89-9	50
3			Naphthalene, 1-(chloromethyl)-2-...	190	C12H11Cl	006626-23-9	42
4			7-Phenylbicyclo[3.2.1]octa-2,6-d...	182	C14H14	1000201-01-7	30
5			1,1'-Biphenyl, 3,4'-dimethyl-	182	C14H14	007383-90-6	25



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF053015\
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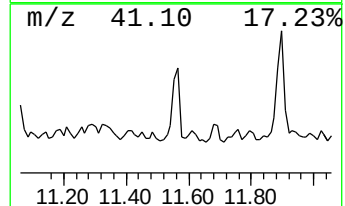
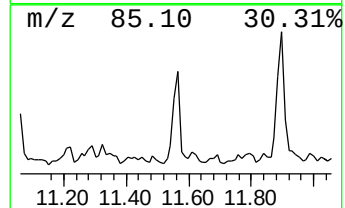
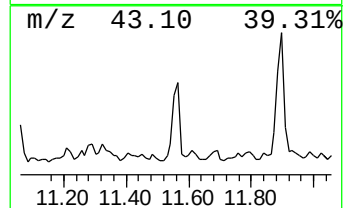
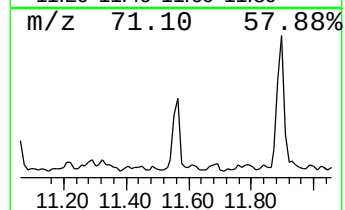
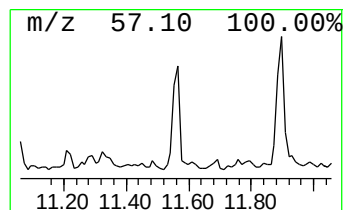
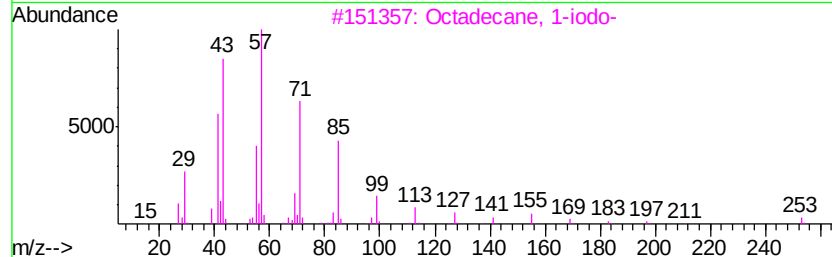
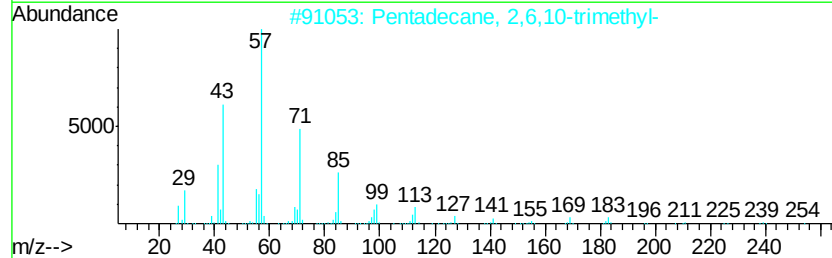
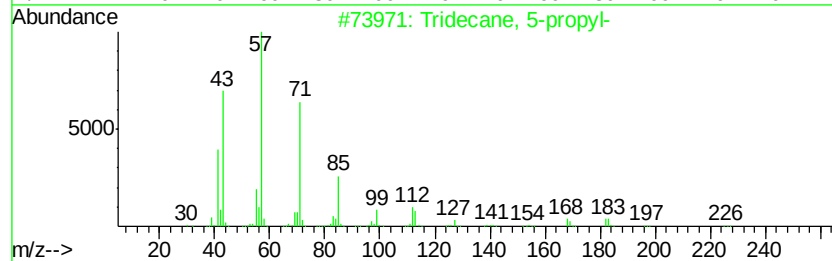
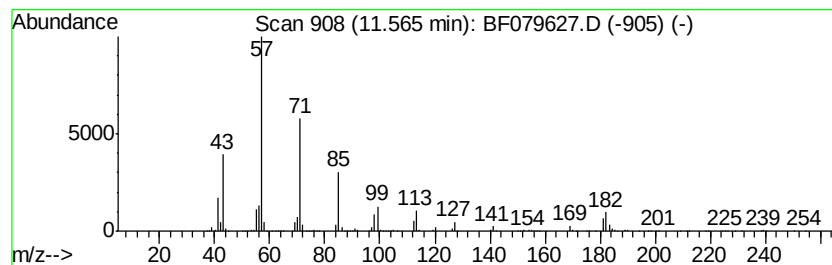
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Tridecane, 5-propyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD		R.T.		
11.56	96.01 ng	4515840	Acenaphthene-d10		10.68		
Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane, 5-propyl-	226	C16H34	055045-11-9	87
2			Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	80
3			Octadecane, 1-iodo-	380	C18H37I	000629-93-6	72
4			2-Bromo dodecane	248	C12H25Br	013187-99-0	64
5			Tridecane	184	C13H28	000629-50-5	64



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Sample : G2291-06
Misc :
ALS Vial : 27 Sample Multiplier: 1

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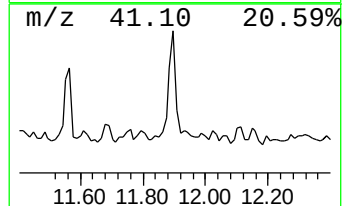
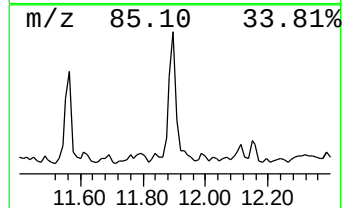
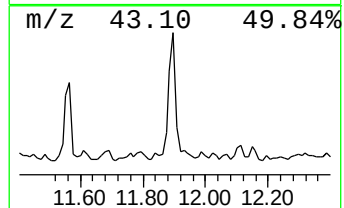
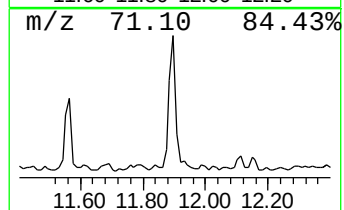
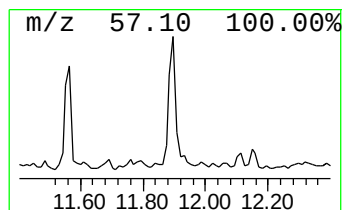
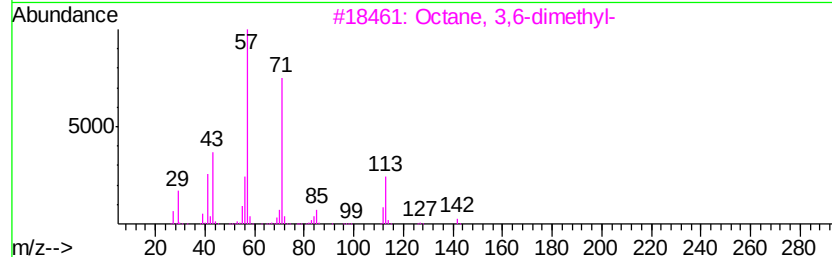
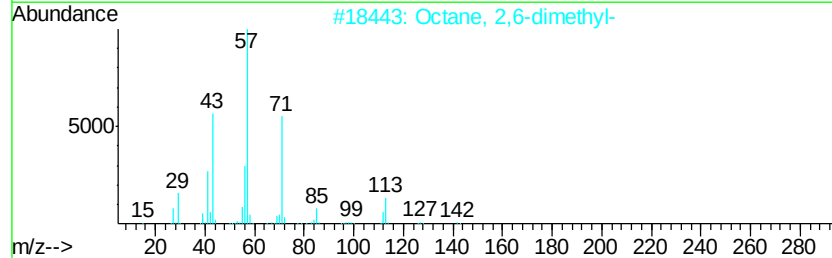
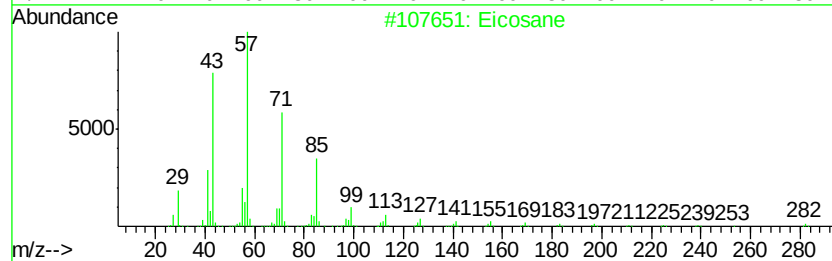
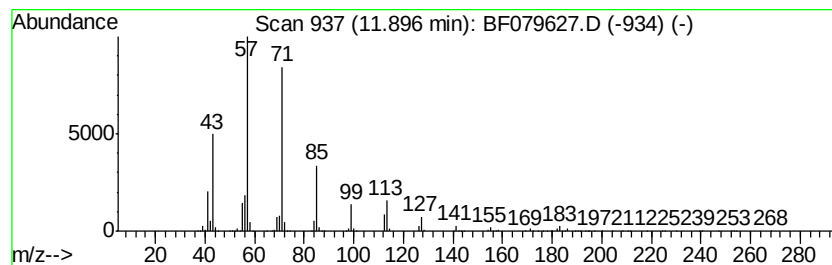
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Eicosane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.90	138.55 ng	6095420	Phenanthrene-d10	12.53

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	78
2		Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	72
3		Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	64
4		Dodecane	170	C12H26	000112-40-3	59
5		Pentadecane	212	C15H32	000629-62-9	50



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF053015\
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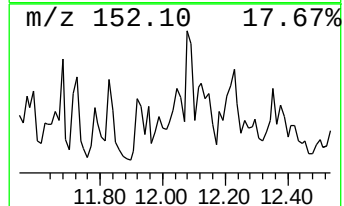
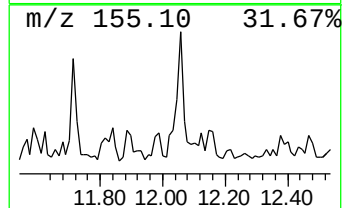
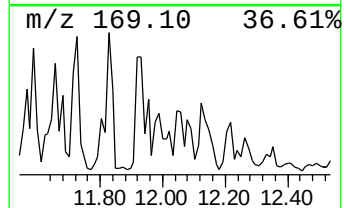
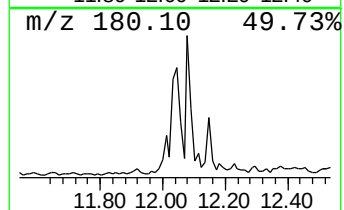
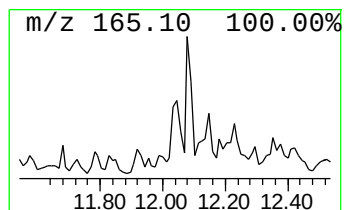
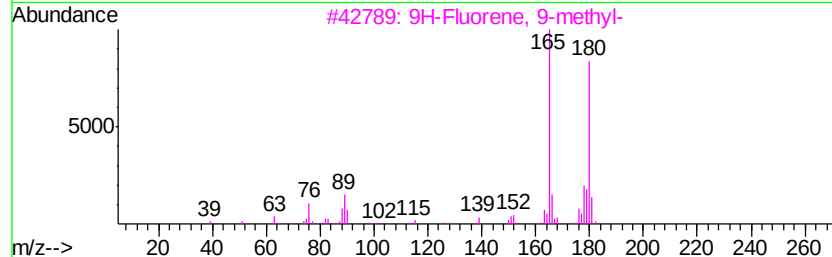
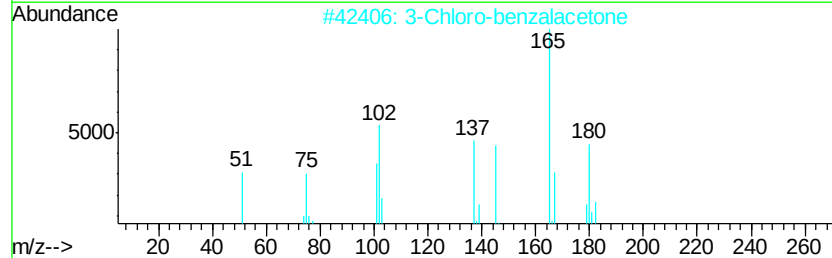
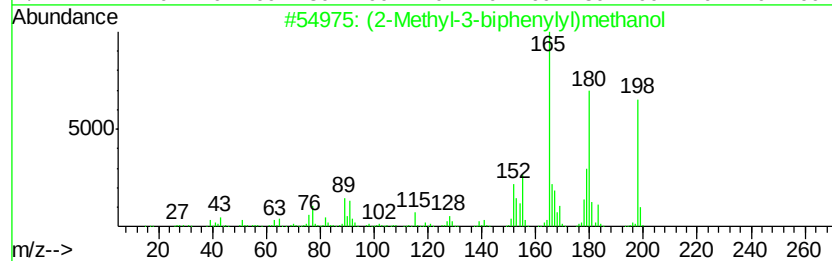
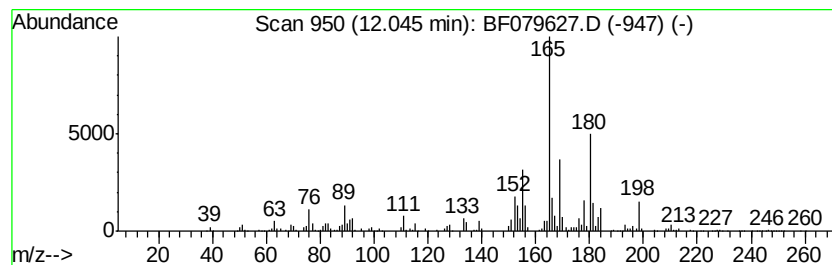
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 14 (2-Methyl-3-biphenyl)meth... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.04	42.98 ng	1890710	Phenanthrene-d10	12.53

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			(2-Methyl-3-biphenyl)methanol	198	C14H14O	076350-90-8	81
2			3-Chloro-benzalacetone	180	C10H9ClO	1000146-90-5	60
3			9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	60
4			9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	55
5			9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	49



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF053015\
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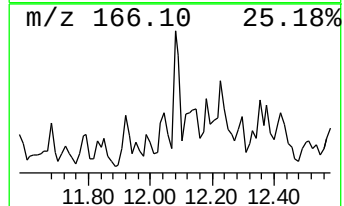
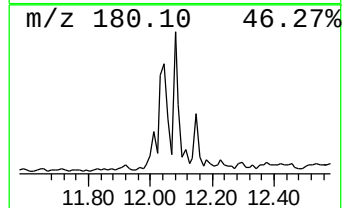
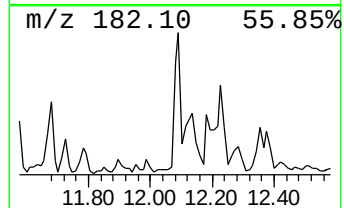
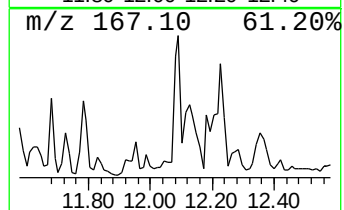
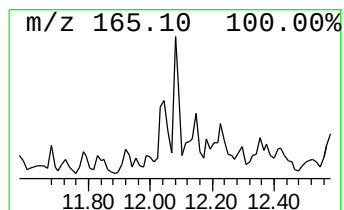
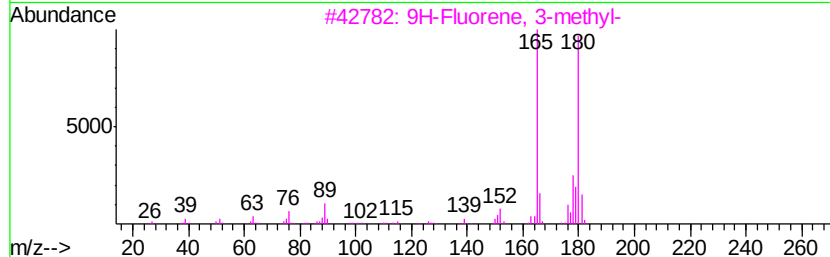
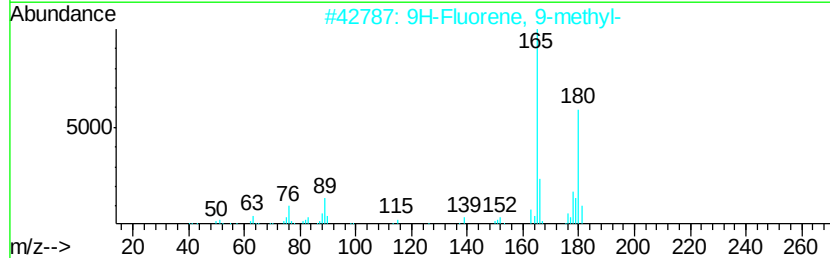
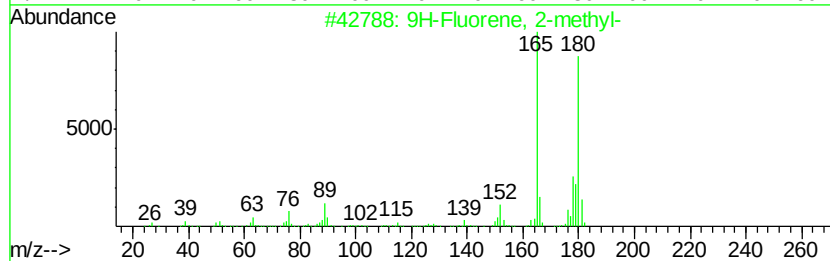
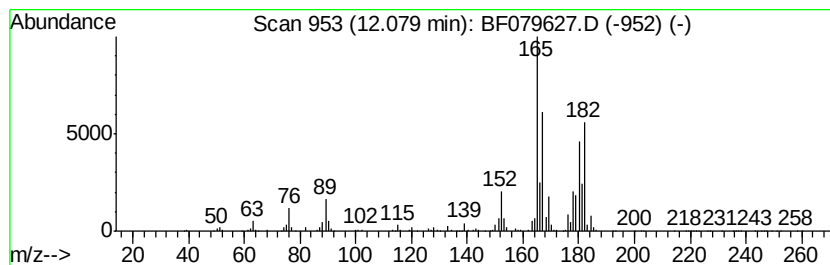
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 9H-Fluorene, 2-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.08	41.29 ng	1816520	Phenanthrene-d10	12.53

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	50
2		9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	45
3		9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	45
4		4',6'-Dihydroxy-2',3'-dimethylac...	180	C10H12O3	007743-14-8	35
5		(3H)Benzo[c]pyrrole, 3-methyl-3-...	208	C14H12N2	059341-20-7	32



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF053015\
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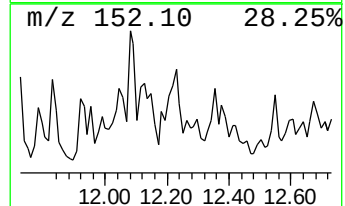
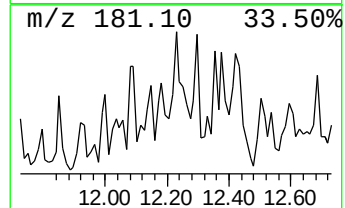
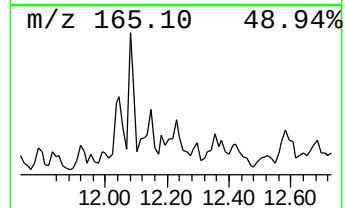
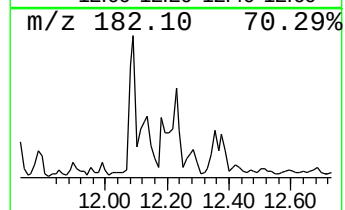
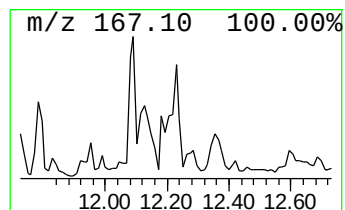
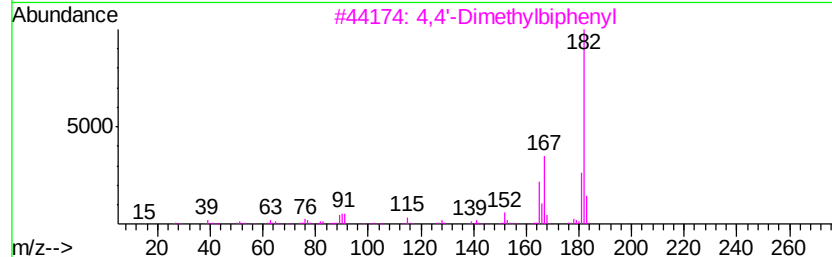
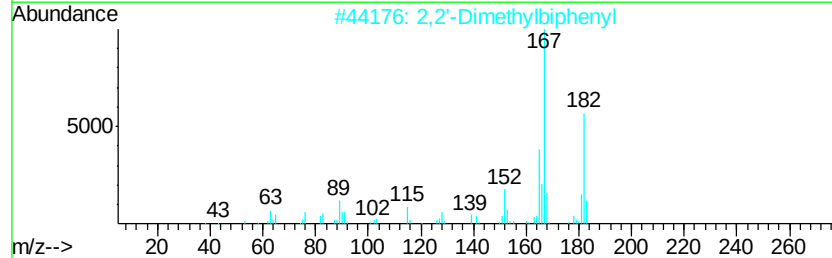
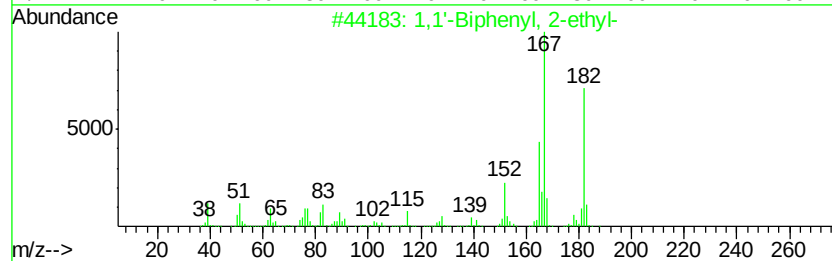
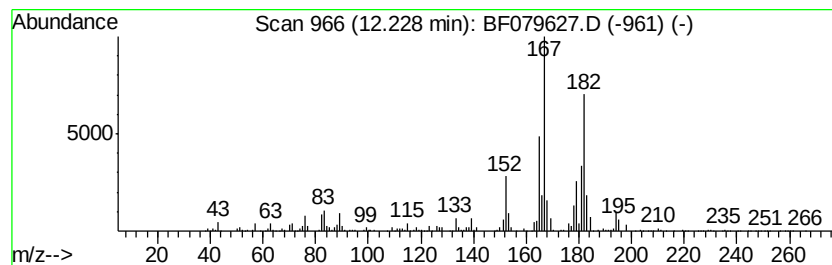
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 1,1'-Biphenyl, 2-ethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.23	45.97 ng	2022580	Phenanthrene-d10	12.53	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2-ethyl-	182	C14H14	001812-51-7	93
2	2,2'-Dimethylbiphenyl	182	C14H14	000605-39-0	76
3	4,4'-Dimethylbiphenyl	182	C14H14	000613-33-2	64
4	3,3'-Dimethylbiphenyl	182	C14H14	000612-75-9	53
5	Benzene, 1-methyl-4-(phenylmethyl)-	182	C14H14	000620-83-7	52



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF053015\
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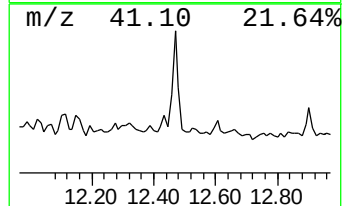
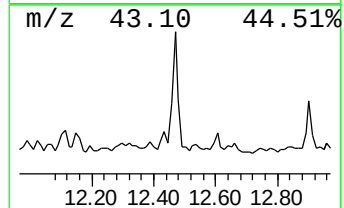
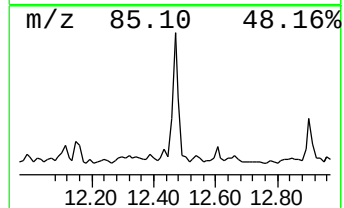
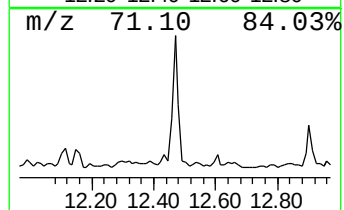
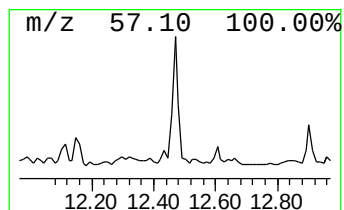
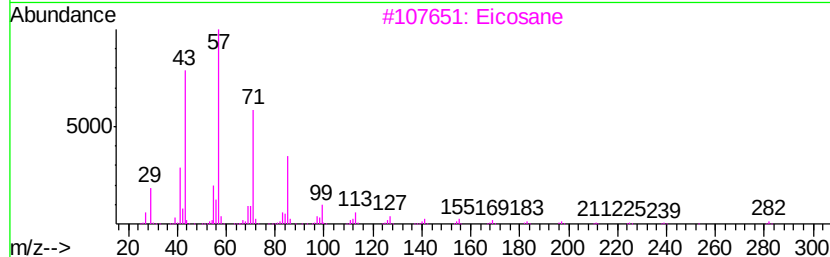
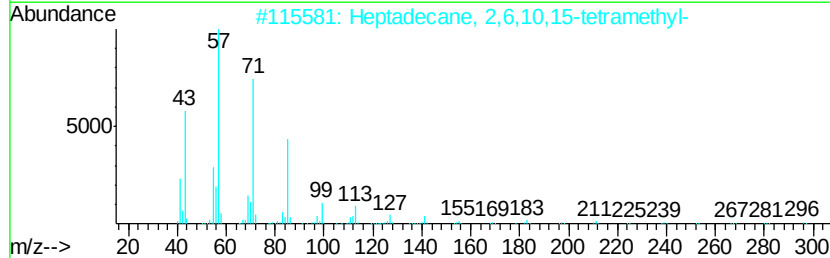
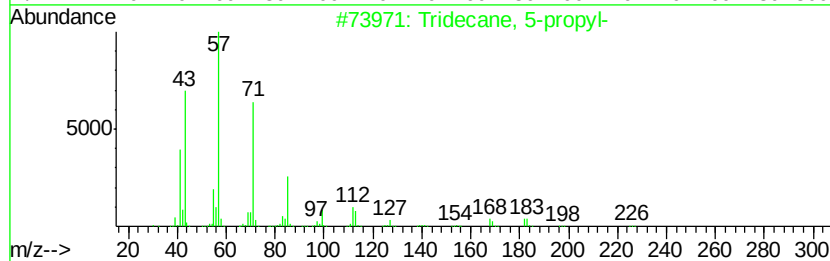
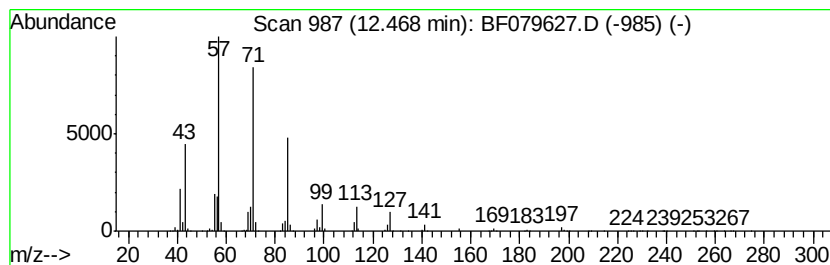
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 17 Heptadecane, 2,6,10,15-tetr... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.47	86.75 ng	3816420	Phenanthrene-d10	12.53

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecane, 5-propyl-	226	C16H34	055045-11-9	90
2		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	90
3		Eicosane	282	C20H42	000112-95-8	86
4		Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	83
5		Hexadecane	226	C16H34	000544-76-3	74



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF053015\
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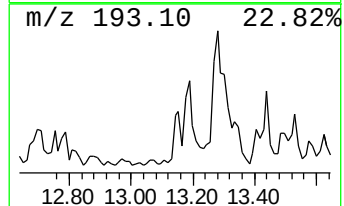
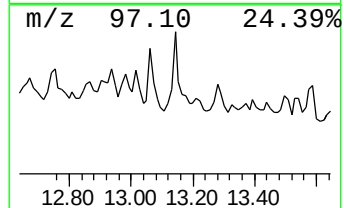
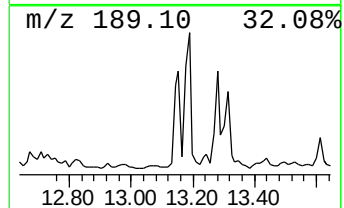
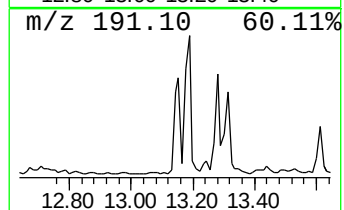
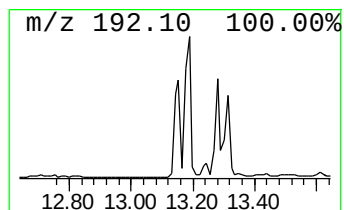
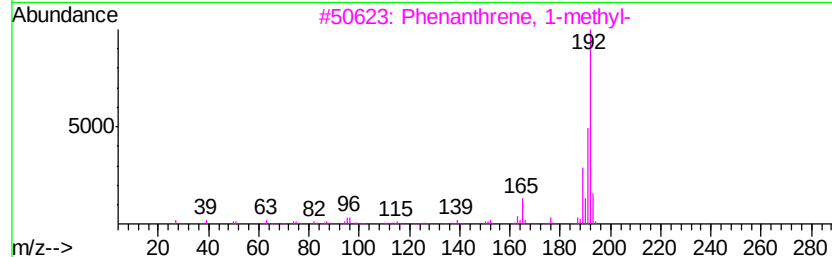
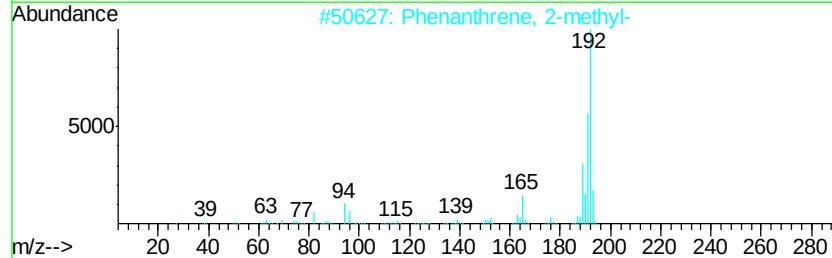
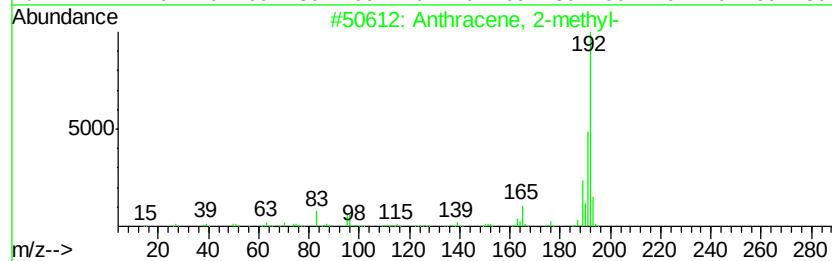
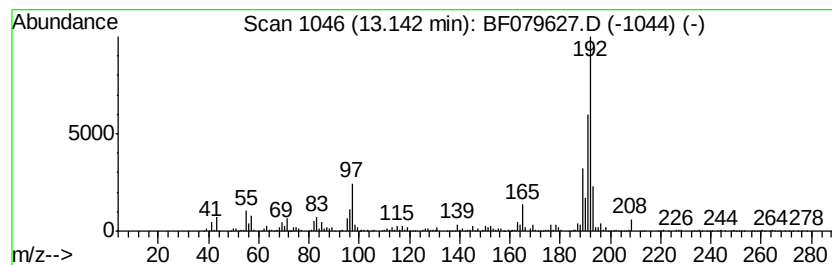
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 18 Anthracene, 2-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.14	42.61 ng	1874610	Phenanthrene-d10	12.53

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	97
2		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
3		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
4		1H-Cyclopropa[l]phenanthrene, 1a, ...	192	C15H12	000949-41-7	93
5		Anthracene, 9-methyl-	192	C15H12	000779-02-2	93



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF053015\
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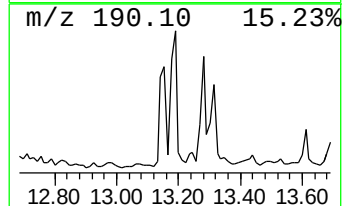
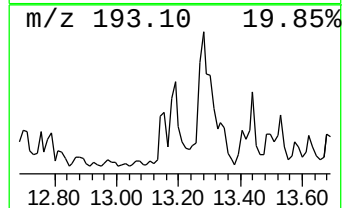
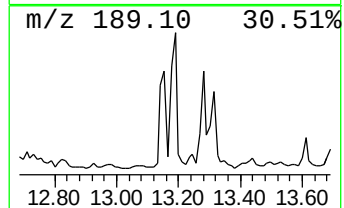
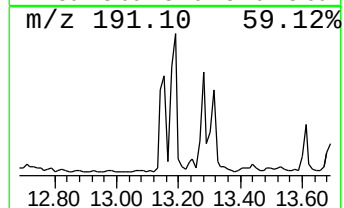
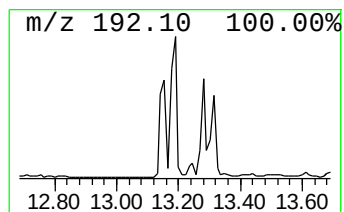
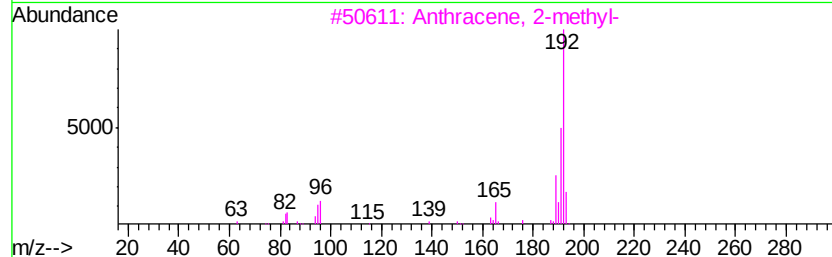
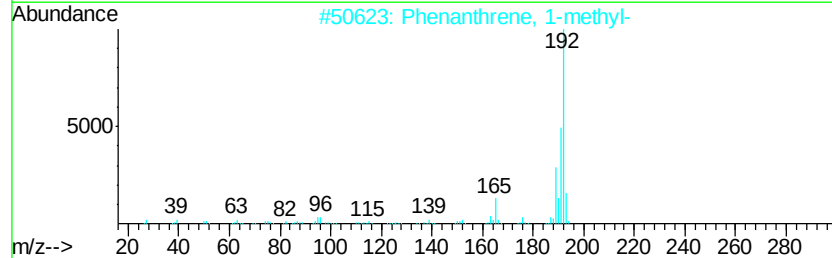
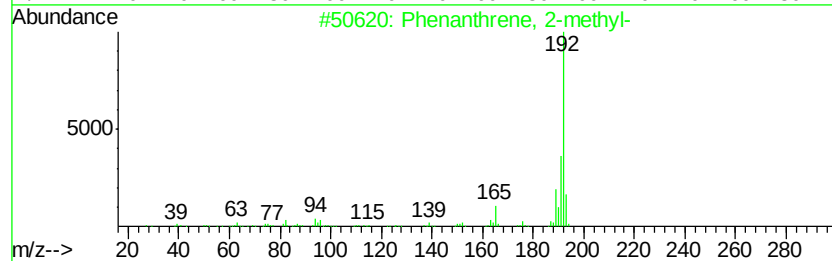
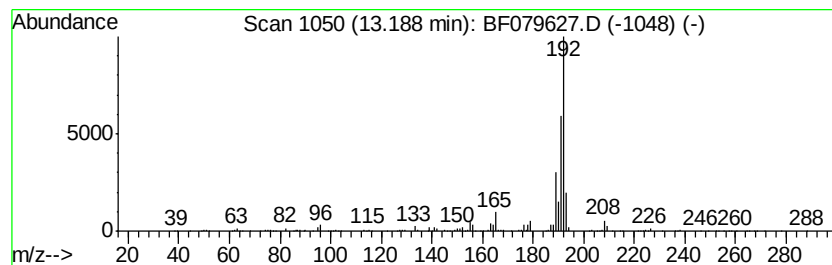
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Phenanthrene, 2-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.19	39.67 ng	1745150	Phenanthrene-d10	12.53

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	94
2			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94
3			Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
4			1H-Cyclopropa[l]phenanthrene, 1a, ...	192	C15H12	000949-41-7	90
5			Anthracene, 9-methyl-	192	C15H12	000779-02-2	87



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF053015\
Data File : BF079627.D
Acq On : 31 May 2015 4:49
Operator : TP/IZ
Sample : G2291-06
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampled :
C-13

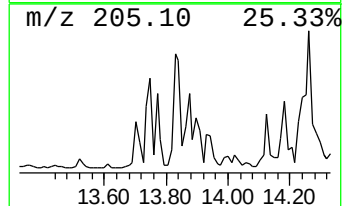
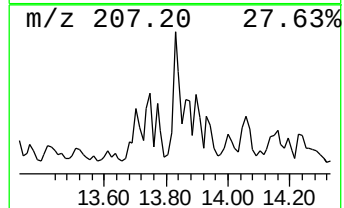
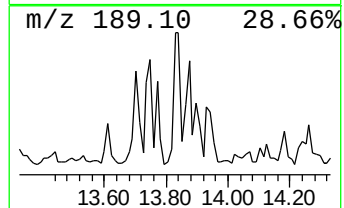
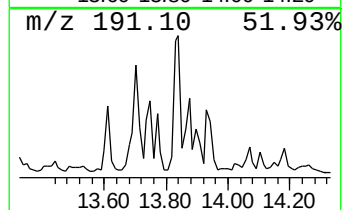
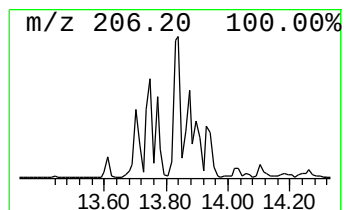
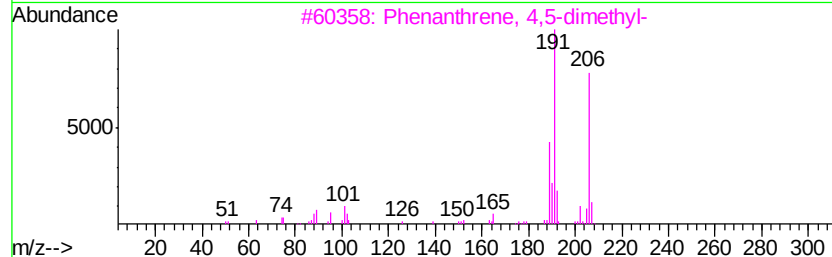
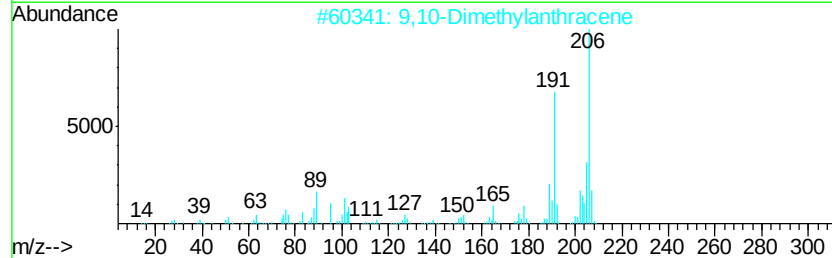
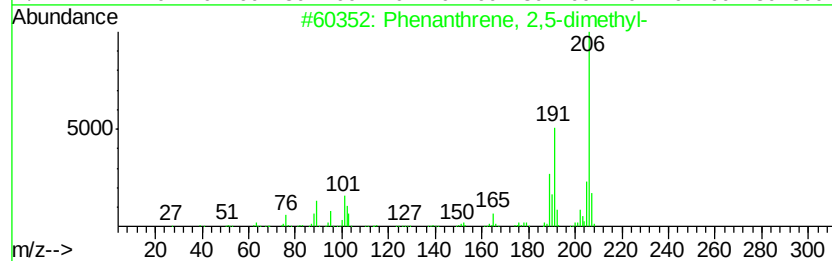
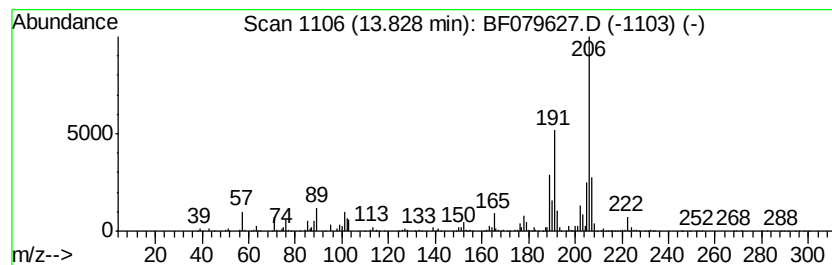
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052615.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Phenanthrene, 2,5-dimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.83	45.20 ng	1988410	Phenanthrene-d10	12.53

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	91
2			9,10-Dimethylantracene	206	C16H14	000781-43-1	90
3			Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	90
4			Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	89
5			di-p-Tolylacetylene	206	C16H14	002789-88-0	83



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF053015\
 Data File : BF079627.D
 Acq On : 31 May 2015 4:49
 Operator : TP/IZ
 Sample : G2291-06
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 C-13

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052615.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
unknown6.65	6.65	45.3	ng	1606190	1	6.94	708492	20.0
Naphthalene, 2,7-...	10.18	62.4	ng	2935070	3	10.68	940709	20.0
Naphthalene, 1,3-...	10.31	56.9	ng	2674510	3	10.68	940709	20.0
1,3-Dimethylcyclo...	10.40	141.4	ng	6652010	3	10.68	940709	20.0
Naphthalene, 2-(1...	10.83	55.5	ng	2609880	3	10.68	940709	20.0
Naphthalene, 1,6,...	10.95	61.6	ng	2896350	3	10.68	940709	20.0
Naphthalene, 2,3,...	10.99	61.3	ng	2882480	3	10.68	940709	20.0
Naphthalene, 1,4,...	11.19	53.6	ng	2519760	3	10.68	940709	20.0
Anthracene, 1,2,3...	11.40	54.7	ng	2571410	3	10.68	940709	20.0
Tridecane, 5-propyl-	11.56	96.0	ng	4515840	3	10.68	940709	20.0
Eicosane	11.90	138.6	ng	6095420	4	12.53	879898	20.0
(2-Methyl-3-biphe...	12.04	43.0	ng	1890710	4	12.53	879898	20.0
9H-Fluorene, 2-me...	12.08	41.3	ng	1816520	4	12.53	879898	20.0
1,1'-Biphenyl, 2-...	12.23	46.0	ng	2022580	4	12.53	879898	20.0
Heptadecane, 2,6,...	12.47	86.8	ng	3816420	4	12.53	879898	20.0
Anthracene, 2-met...	13.14	42.6	ng	1874610	4	12.53	879898	20.0
Phenanthrene, 2-m...	13.19	39.7	ng	1745150	4	12.53	879898	20.0
Phenanthrene, 2,5...	13.83	45.2	ng	1988410	4	12.53	879898	20.0