

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052215\
 Data File : BF079465.D
 Acq On : 23 May 2015 9:21
 Operator : TP/IZ
 Sample : G2289-12 5X
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-31D

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-BF043015.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	1.324	10	12	23	rVB	113452	255939	5.42%	0.868%
2	1.473	23	25	32	rVV2	74471	136454	2.89%	0.463%
3	1.610	36	37	45	rVV	51463	98688	2.09%	0.335%
4	1.713	45	46	73	rVB	2518673	4718500	100.00%	16.006%
5	5.347	362	364	370	rBV	281276	330874	7.01%	1.122%
6	6.650	474	478	487	rBV2	279151	462121	9.79%	1.568%
7	6.776	487	489	492	rBV	335688	362265	7.68%	1.229%
8	7.050	511	513	516	rBV	469664	423827	8.98%	1.438%
9	7.233	527	529	531	rBV	281697	274770	5.82%	0.932%
10	7.747	572	574	577	rVB	112769	101166	2.14%	0.343%
11	8.376	618	629	640	rBV3	70454	278765	5.91%	0.946%
12	8.628	649	651	652	rBV	679090	595320	12.62%	2.019%
13	8.650	652	653	656	rVB	211472	202804	4.30%	0.688%
14	8.856	664	671	684	rBV	21374	96520	2.05%	0.327%
15	9.519	727	729	731	rVB	74684	101254	2.15%	0.343%
16	9.633	736	739	741	rVV	112114	102373	2.17%	0.347%
17	9.976	767	769	771	rVB	475176	408997	8.67%	1.387%
18	10.285	794	796	799	rVB	47877	79374	1.68%	0.269%
19	10.388	802	805	806	rBV	57518	85464	1.81%	0.290%
20	10.525	815	817	820	rVV	43183	63387	1.34%	0.215%
21	10.628	822	826	828	rVB2	50000	74594	1.58%	0.253%
22	10.799	836	841	843	rBV2	638224	813372	17.24%	2.759%
23	10.833	843	844	848	rVV	239570	227126	4.81%	0.770%
24	11.051	861	863	865	rVV	152676	160682	3.41%	0.545%
25	11.108	865	868	872	rVV2	24668	56282	1.19%	0.191%
26	11.199	872	876	878	rVV2	27430	60542	1.28%	0.205%
27	11.474	898	900	902	rBV	254613	236138	5.00%	0.801%
28	11.679	916	918	920	rVV	58461	70012	1.48%	0.237%
29	11.782	924	927	930	rVV	179143	262728	5.57%	0.891%
30	11.919	938	939	942	rVB2	30280	51390	1.09%	0.174%
31	12.159	956	960	962	rBV	51758	86781	1.84%	0.294%
32	12.331	970	975	976	rBV4	29453	75147	1.59%	0.255%
33	12.445	983	985	988	rBV2	100053	178205	3.78%	0.604%
34	12.502	988	990	992	rVV	107214	112455	2.38%	0.381%

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35	12.639	999	1002	1003	rBV	468267	814228	17.26%	2.762%
36	12.662	1003	1004	1006	rVB	1495805	1273270	26.98%	4.319%
37	12.731	1006	1010	1012	rBV	397630	504328	10.69%	1.711%
38	12.788	1012	1015	1017	rVB3	32032	63552	1.35%	0.216%
39	12.902	1023	1025	1027	rBV	33893	54598	1.16%	0.185%
40	12.937	1027	1028	1030	rVV	84405	107051	2.27%	0.363%
41	13.257	1054	1056	1058	rVV	130539	190731	4.04%	0.647%
42	13.291	1058	1059	1062	rVB	165203	211764	4.49%	0.718%
43	13.359	1062	1065	1066	rBV	107885	183082	3.88%	0.621%
44	13.394	1066	1068	1069	rVV	343910	404453	8.57%	1.372%
45	13.428	1069	1071	1074	rVB2	143284	207171	4.39%	0.703%
46	13.634	1087	1089	1094	rVB2	100560	161267	3.42%	0.547%
47	13.817	1104	1105	1107	rVV2	43438	54375	1.15%	0.184%
48	13.908	1112	1113	1115	rVV	93052	119863	2.54%	0.407%
49	13.942	1115	1116	1118	rVV	90094	124770	2.64%	0.423%
50	13.988	1118	1120	1124	rVV3	76869	165250	3.50%	0.561%
51	14.057	1124	1126	1128	rVB2	48821	87934	1.86%	0.298%
52	14.137	1130	1133	1135	rVV	1653626	1628530	34.51%	5.524%
53	14.217	1138	1140	1142	rBV2	82260	105128	2.23%	0.357%
54	14.262	1142	1144	1146	rVB3	41301	69260	1.47%	0.235%
55	14.320	1146	1149	1151	rBV	96082	132089	2.80%	0.448%
56	14.411	1154	1157	1159	rVV	1307936	1719259	36.44%	5.832%
57	14.445	1159	1160	1162	rVV	50156	65431	1.39%	0.222%
58	14.491	1162	1164	1165	rVV2	34451	51662	1.09%	0.175%
59	14.571	1169	1171	1173	rBV	65871	92540	1.96%	0.314%
60	14.628	1173	1176	1179	rVB2	473577	508196	10.77%	1.724%
61	14.708	1179	1183	1187	rBV5	103543	332571	7.05%	1.128%
62	14.788	1187	1190	1192	rVV3	85934	205315	4.35%	0.696%
63	14.834	1192	1194	1196	rVB	228721	267997	5.68%	0.909%
64	14.914	1199	1201	1203	rVB	185449	202968	4.30%	0.688%
65	14.960	1203	1205	1210	rBV2	151610	241568	5.12%	0.819%
66	15.040	1210	1212	1213	rBV2	45820	61919	1.31%	0.210%
67	15.074	1213	1215	1216	rVB	74247	75228	1.59%	0.255%
68	15.108	1216	1218	1221	rBV	71944	108747	2.30%	0.369%
69	15.200	1224	1226	1229	rBV	80774	120725	2.56%	0.410%
70	15.600	1259	1261	1263	rBV	93047	125495	2.66%	0.426%
71	15.645	1263	1265	1268	rVV2	72324	179354	3.80%	0.608%

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72	15.817	1278	1280	1282	rVB	46143	55369	1.17%	0.188%
73	15.920	1286	1289	1291	rVV2	877627	1554768	32.95%	5.274%
74	15.954	1291	1292	1297	rVB	511921	593898	12.59%	2.015%
75	16.057	1298	1301	1302	rBV2	133697	223569	4.74%	0.758%
76	16.194	1311	1313	1315	rVB	88561	102542	2.17%	0.348%
77	16.377	1327	1329	1331	rBV2	54334	97044	2.06%	0.329%
78	16.434	1331	1334	1336	rVV	113598	164274	3.48%	0.557%
79	16.548	1342	1344	1346	rVB2	58063	66801	1.42%	0.227%
80	16.594	1346	1348	1349	rBV2	61947	102946	2.18%	0.349%
81	16.994	1381	1383	1386	rBV3	80228	152560	3.23%	0.517%
82	17.246	1402	1405	1412	rBV	498226	1107292	23.47%	3.756%
83	17.371	1414	1416	1418	rVB	94574	109890	2.33%	0.373%
84	17.577	1431	1434	1437	rBV	294802	444779	9.43%	1.509%
85	17.634	1437	1439	1443	rVB	403375	603480	12.79%	2.047%
86	17.703	1443	1445	1447	rBV	526781	692628	14.68%	2.349%
87	19.063	1562	1564	1570	rVB2	200271	375178	7.95%	1.273%
88	19.463	1596	1599	1603	rBV	178575	367287	7.78%	1.246%

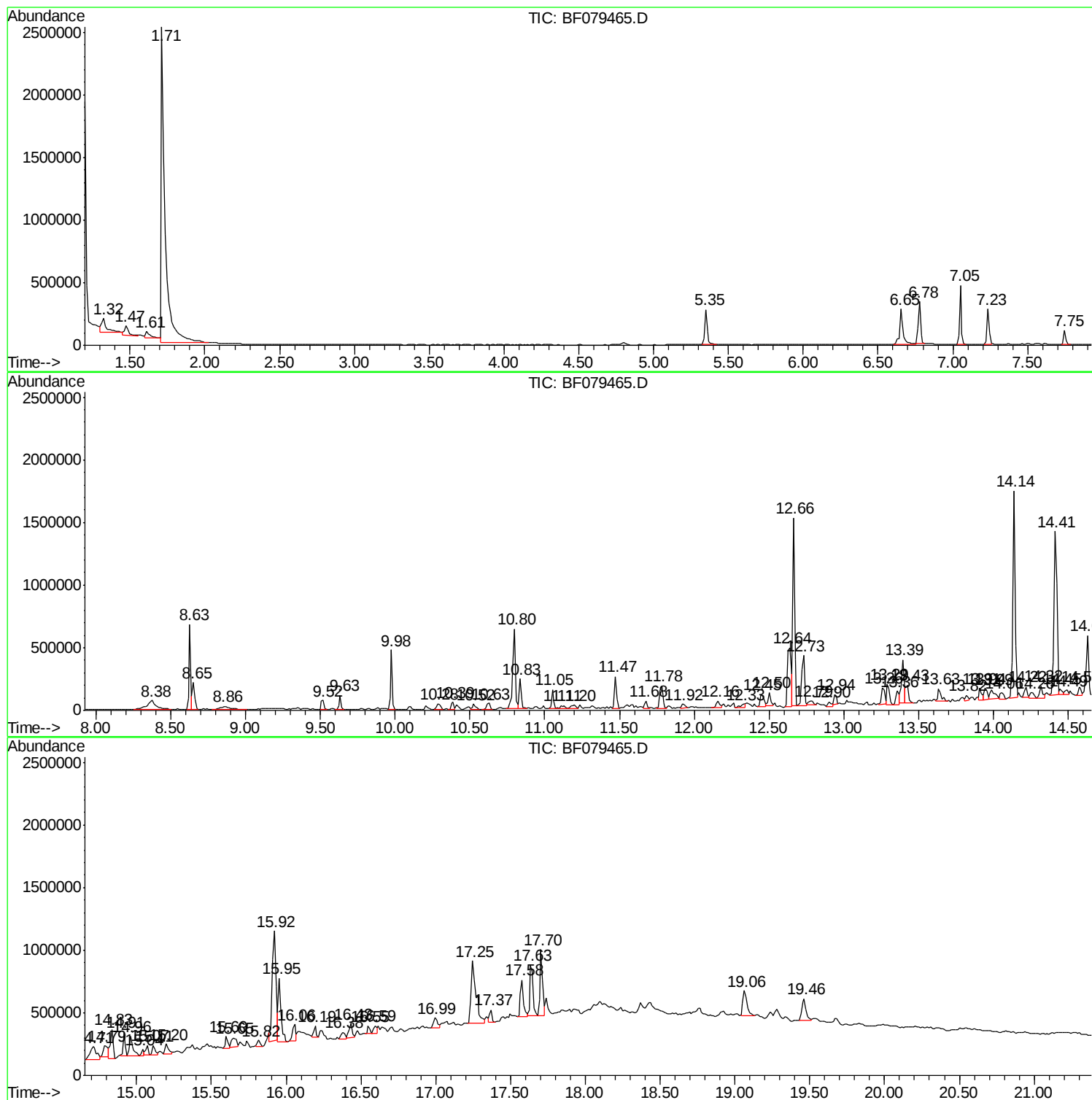
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ClientSampled :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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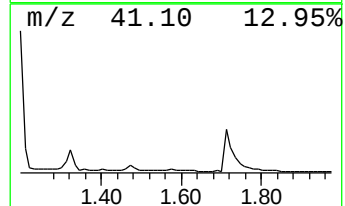
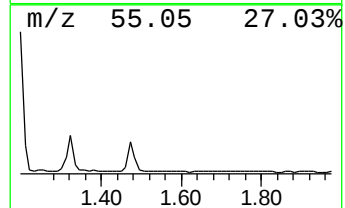
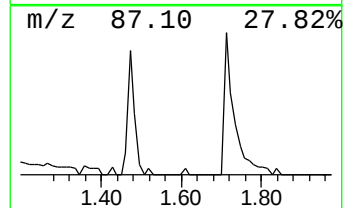
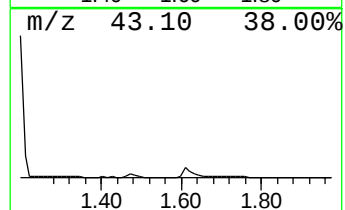
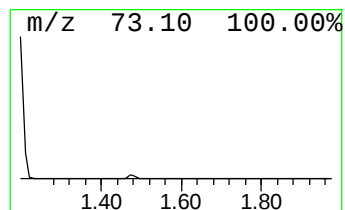
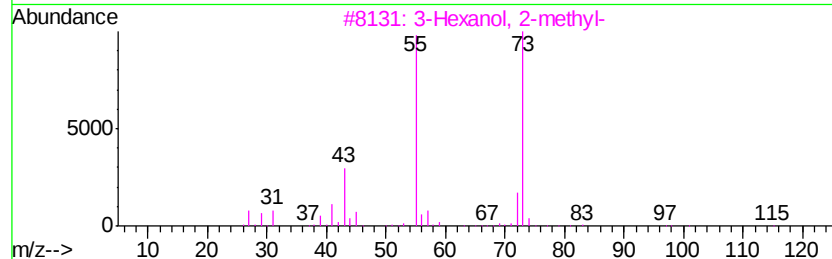
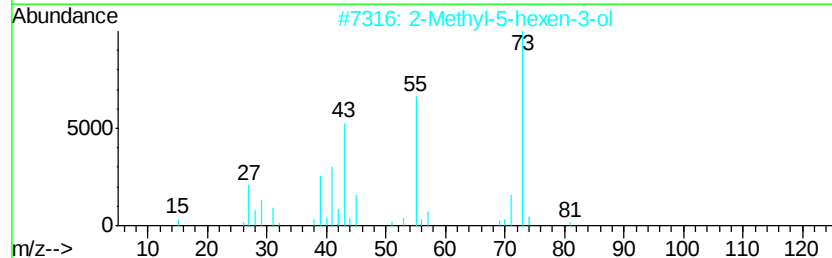
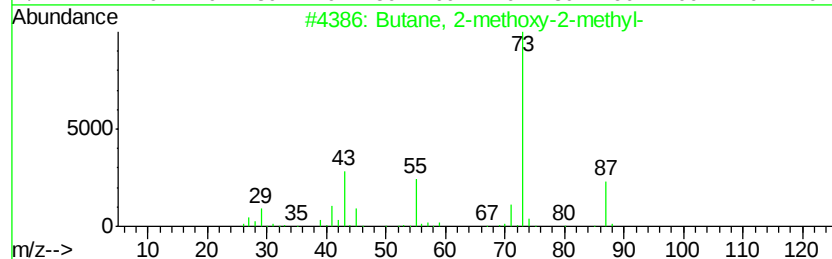
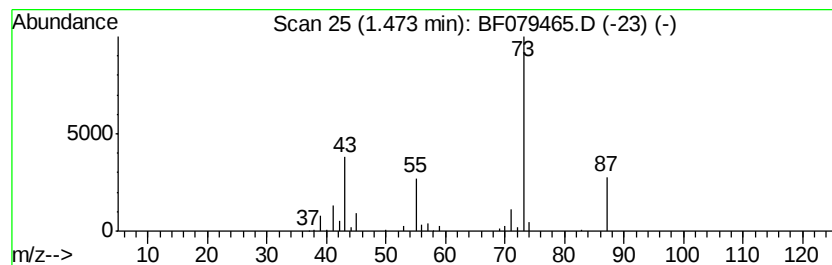
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.47	6.44 ng	136454	1,4-Dichlorobenzene-d4	7.05

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2		2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	37
3		3-Hexanol, 2-methyl-	116	C7H16O	000617-29-8	17
4		Boronic acid, ethyl-, dimethyl e...	102	C4H11BO2	007318-82-3	10
5		Borane, dimethoxy-	74	C2H7BO2	004542-61-4	9



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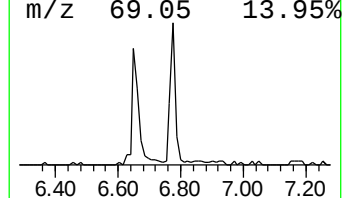
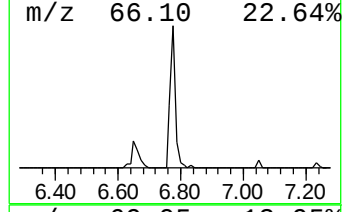
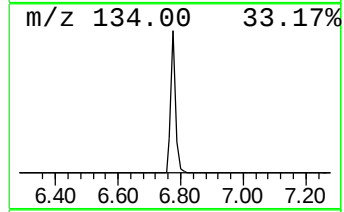
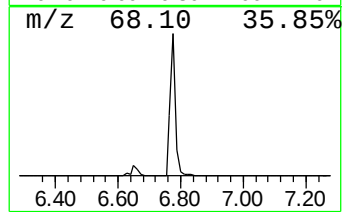
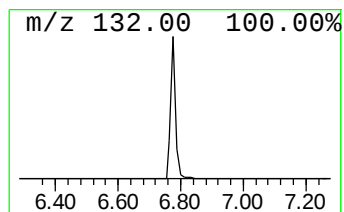
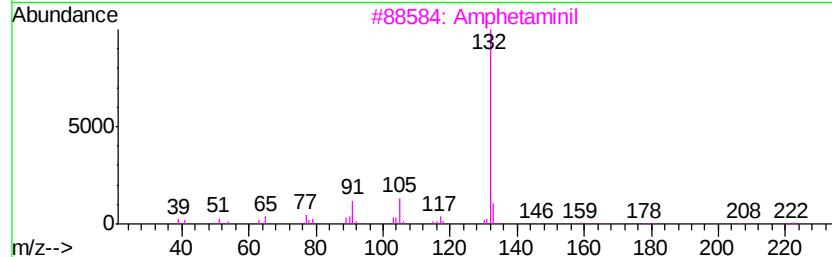
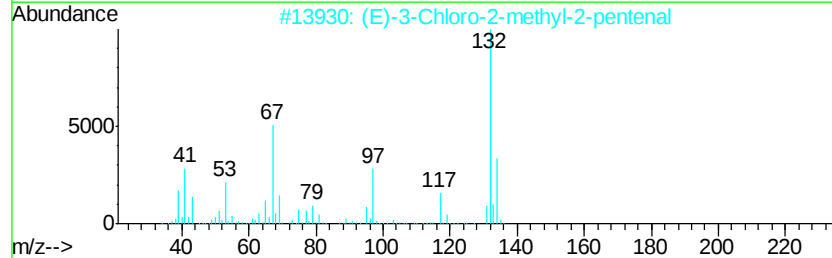
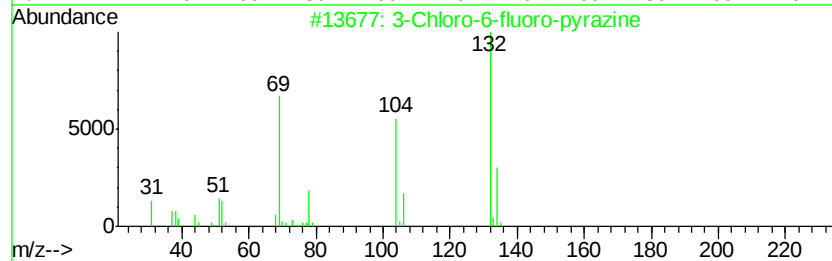
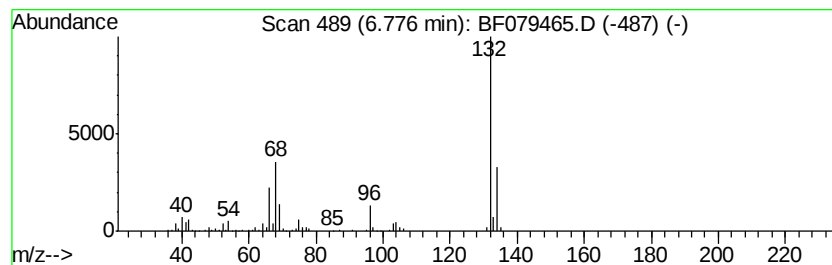
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 unknown6.78 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.78	17.09 ng	362265	1,4-Dichlorobenzene-d4	7.05

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		Amphetaminil	250	C17H18N2	017590-01-1	12
4		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
5		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9



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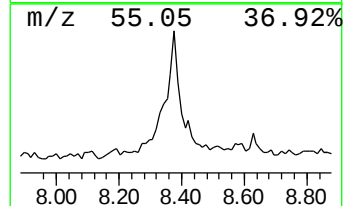
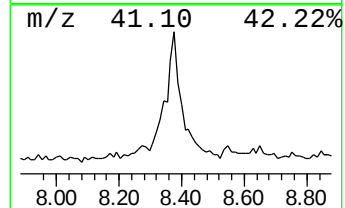
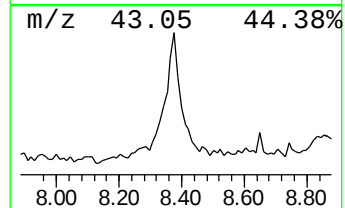
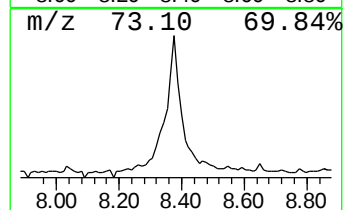
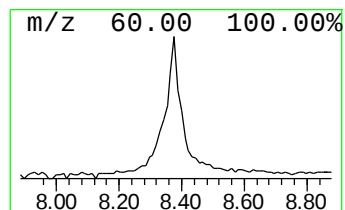
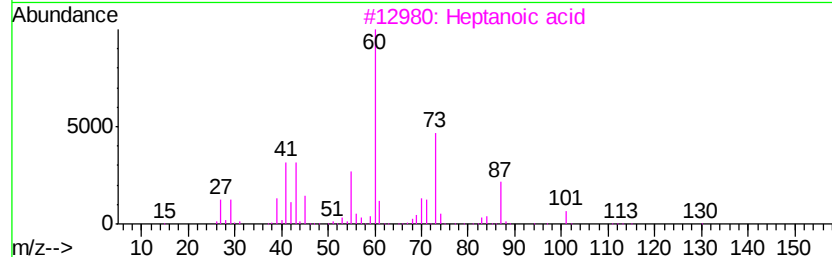
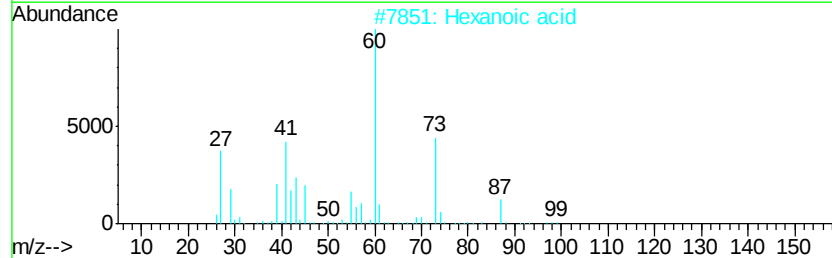
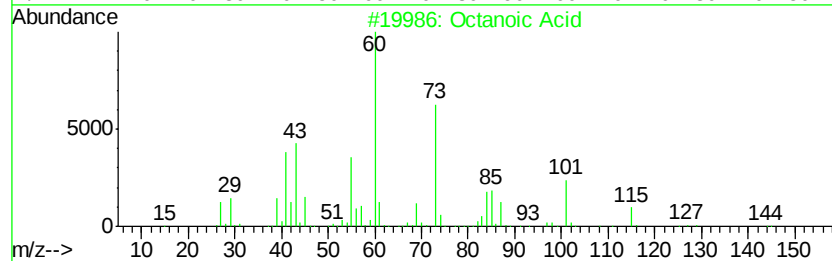
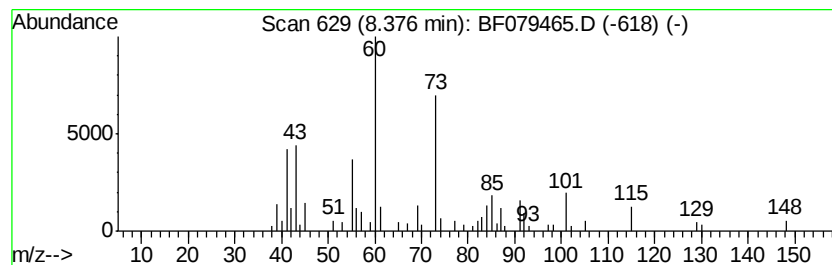
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 Octanoic Acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.38	9.37 ng	278765	Naphthalene-d8	8.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octanoic Acid	144	C8H16O2	000124-07-2	83
2		Hexanoic acid	116	C6H12O2	000142-62-1	53
3		Heptanoic acid	130	C7H14O2	000111-14-8	50
4		Pentanoic acid	102	C5H10O2	000109-52-4	50
5		Pentanoic acid, 3-methyl-	116	C6H12O2	000105-43-1	47



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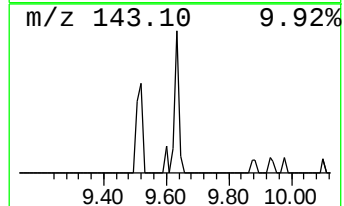
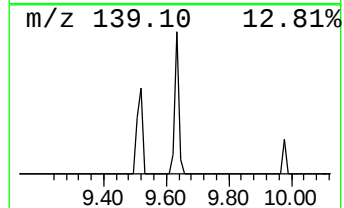
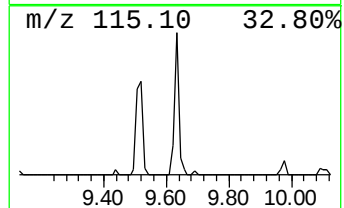
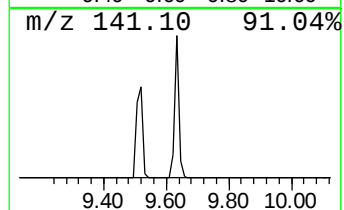
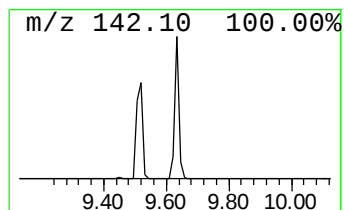
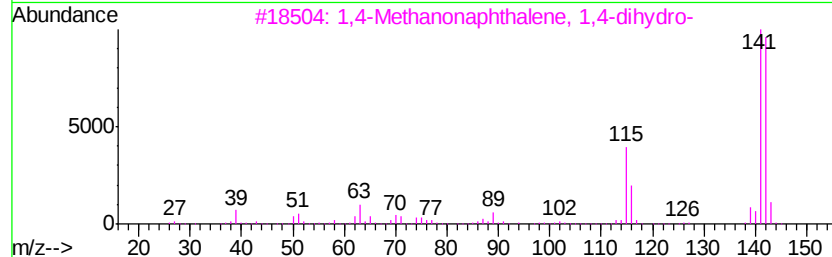
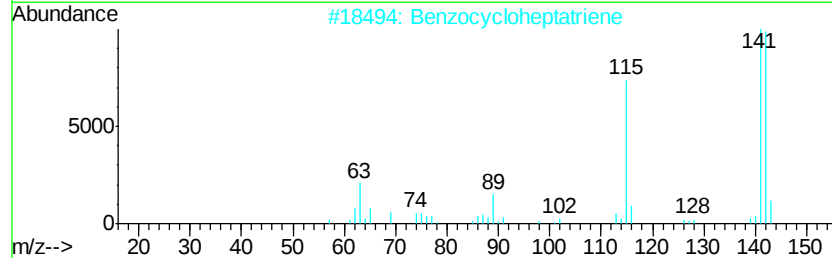
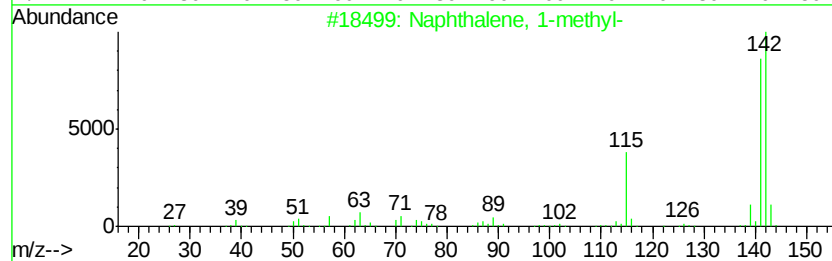
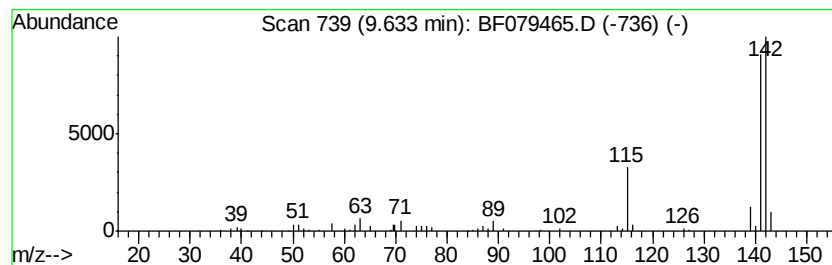
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Naphthalene, 1-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.63	3.44 ng	102373	Naphthalene-d8	8.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94
2		Benzocycloheptatriene	142	C11H10	000264-09-5	91
3		1,4-Methanonaphthalene, 1,4-dihv...	142	C11H10	004453-90-1	91
4		Naphthalene, 2-methyl-	142	C11H10	000091-57-6	87
5		1H-Indene, 1-ethylidene-	142	C11H10	002471-83-2	64



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052215\
Data File : BF079465.D
Acq On : 23 May 2015 9:21
Operator : TP/IZ
Sample : G2289-12 5X
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-31D

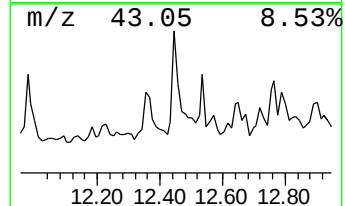
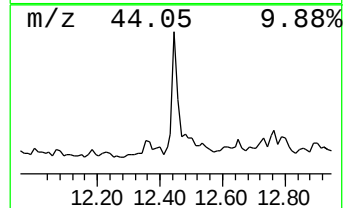
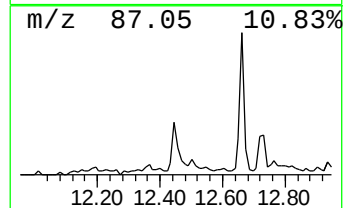
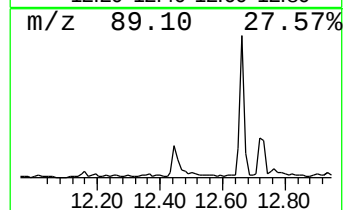
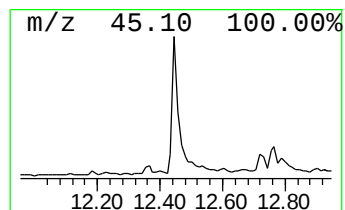
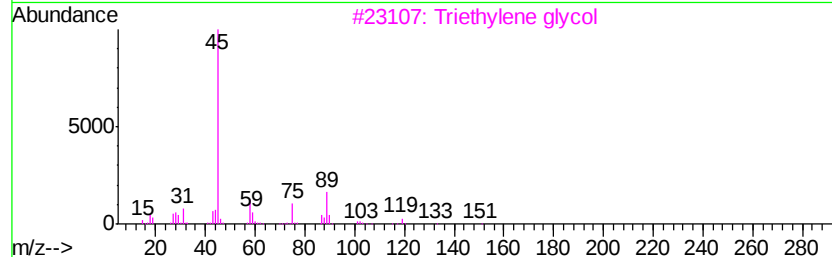
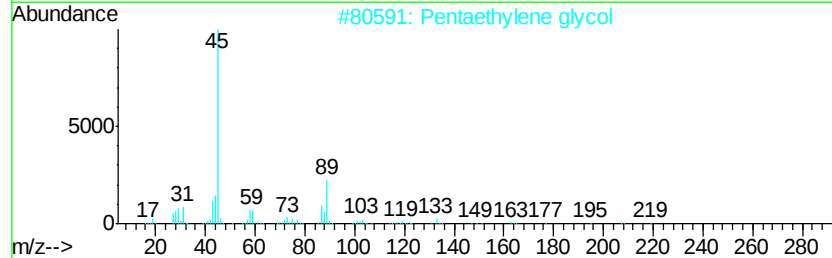
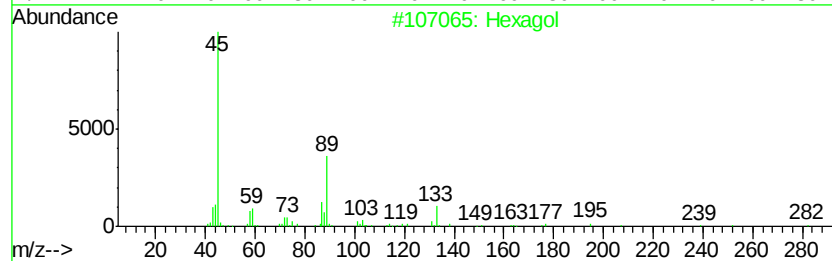
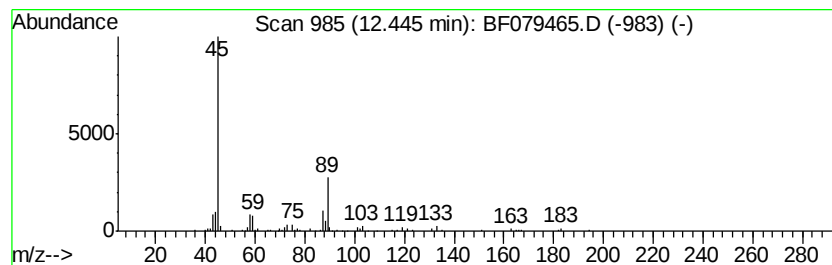
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Hexagol Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.45	4.38 ng	178205	Phenanthrene-d10	12.64

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexagol		282	C12H26O7	002615-15-8	83
2	Pentaethylene glycol		238	C10H22O6	004792-15-8	80
3	Triethylene glycol		150	C6H14O4	000112-27-6	74
4	Tetraethylene glycol monododecyl...		362	C20H42O5	005274-68-0	64
5	Ethanol, 2-[2-(2-methoxyethoxy)e...		164	C7H16O4	000112-35-6	64



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052215\
Data File : BF079465.D
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ClientSampleId :
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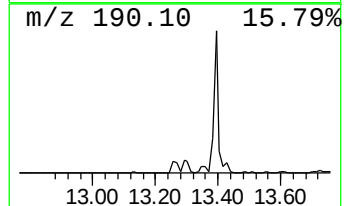
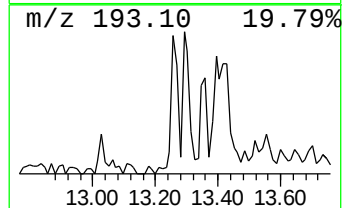
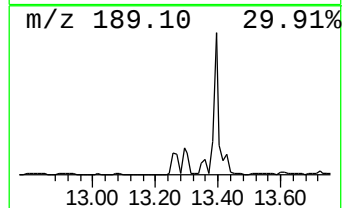
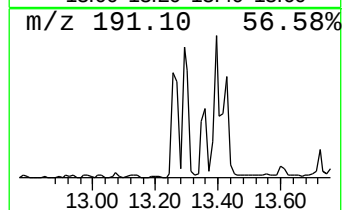
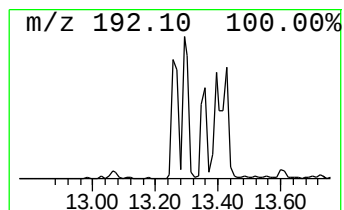
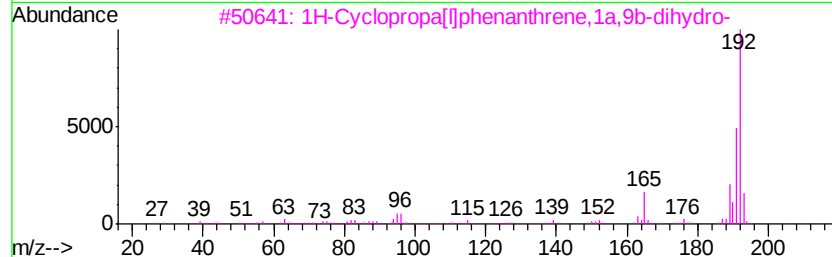
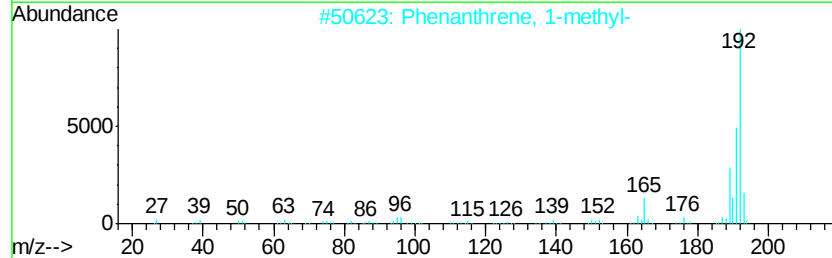
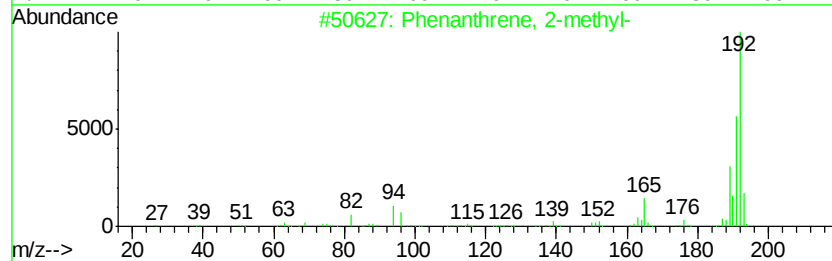
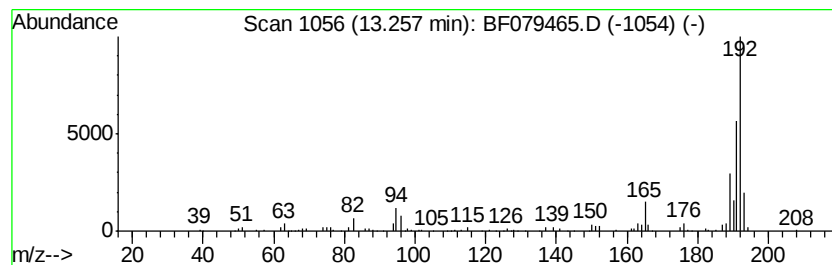
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Phenanthrene, 2-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.26	4.68 ng	190731	Phenanthrene-d10	12.64

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
3			1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	95
4			Anthracene, 2-methyl-	192	C15H12	000613-12-7	94
5			1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	94



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052215\
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Acq On : 23 May 2015 9:21
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Misc :
ALS Vial : 33 Sample Multiplier: 1

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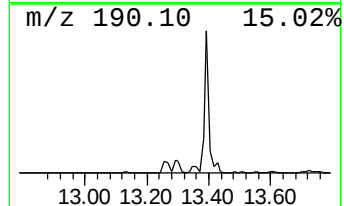
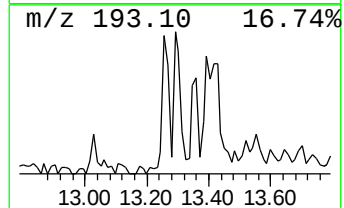
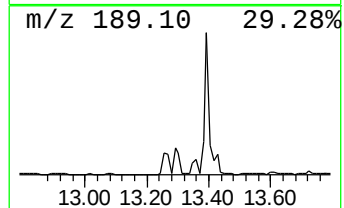
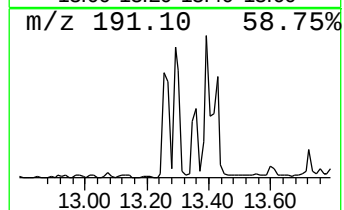
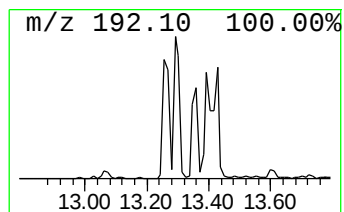
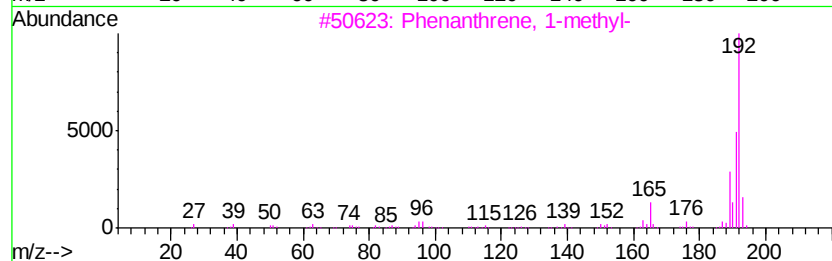
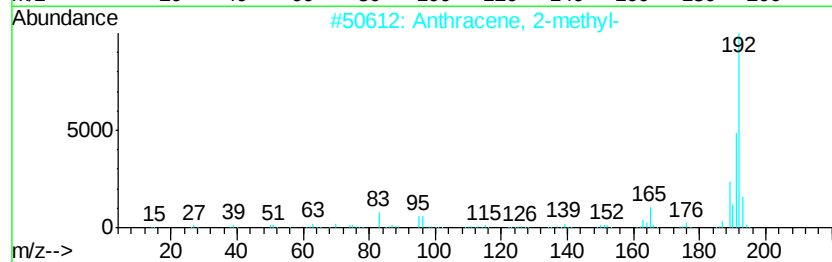
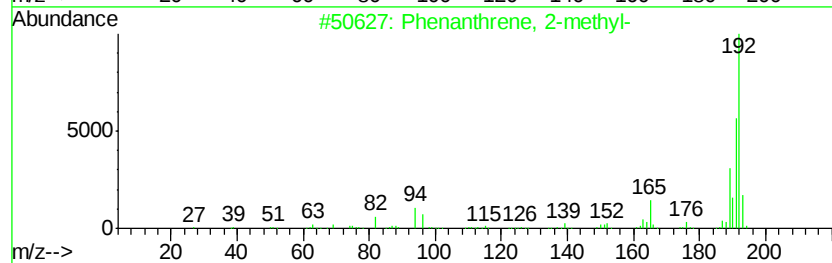
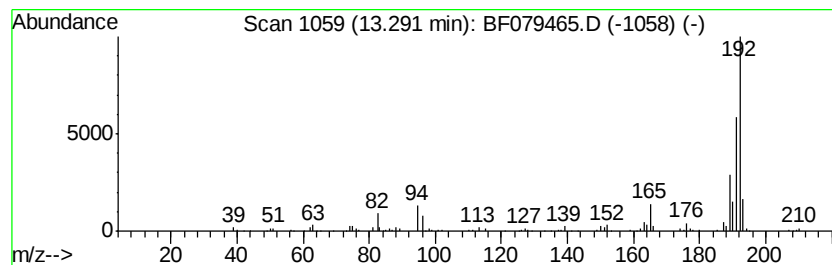
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 11 Anthracene, 2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.29	5.20 ng	211764	Phenanthrene-d10	12.64

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2		Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
3		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
4		1H-Cyclopropa[1,1]phenanthrene, 1a,...	192	C15H12	000949-41-7	96
5		Anthracene, 9-methyl-	192	C15H12	000779-02-2	94



Data Path : Z:\HPCHEM1\BNA F\DATA\BF052215\
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Acq On : 23 May 2015 9:21
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Misc :
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Instrument :
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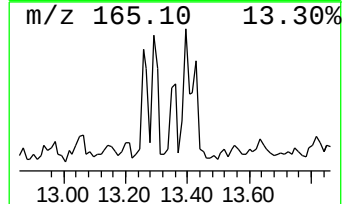
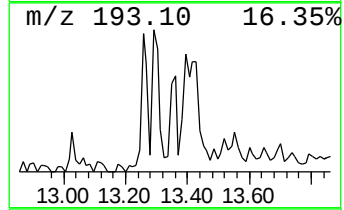
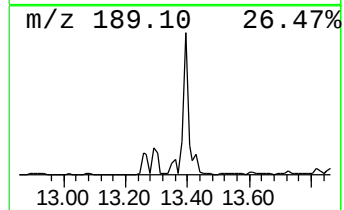
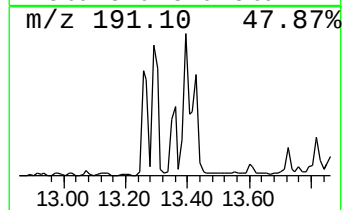
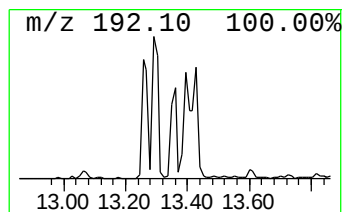
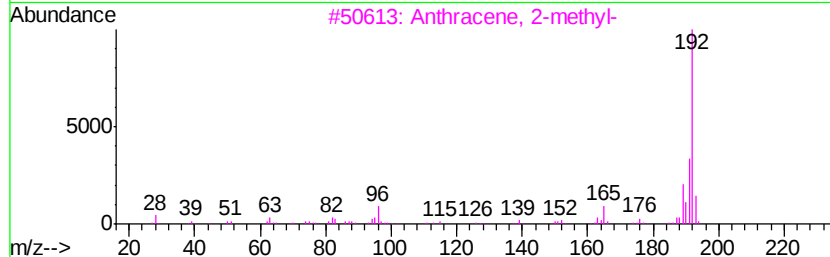
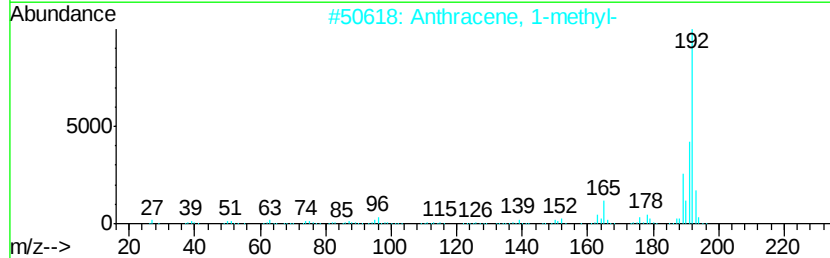
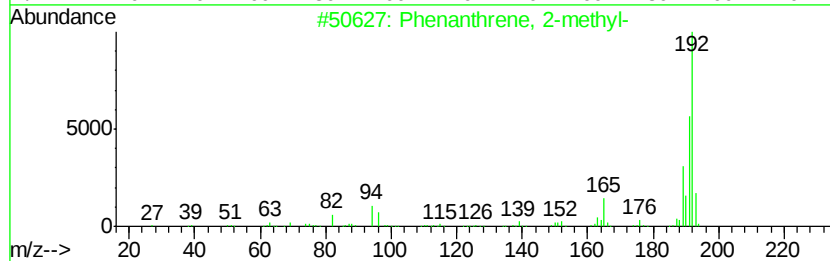
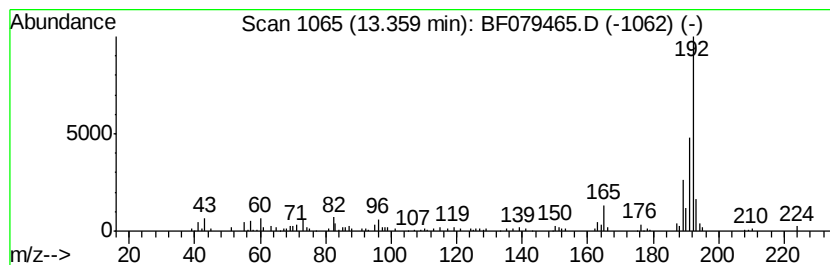
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Anthracene, 1-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.36	4.50 ng	183082	Phenanthrene-d10	12.64

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2		Anthracene, 1-methyl-	192	C15H12	000610-48-0	95
3		Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
4		Anthracene, 9-methyl-	192	C15H12	000779-02-2	93
5		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	91



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052215\
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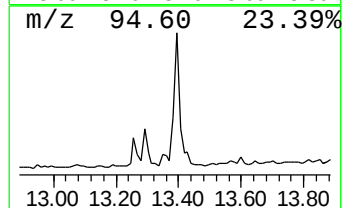
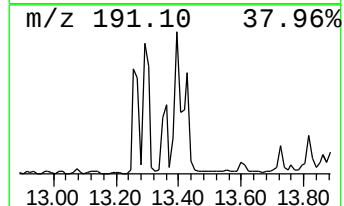
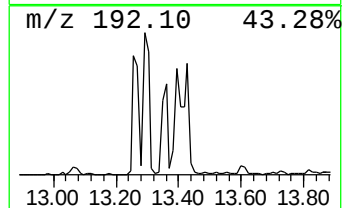
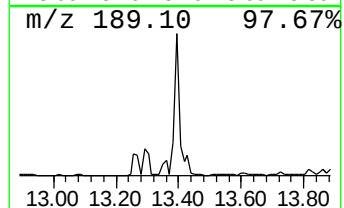
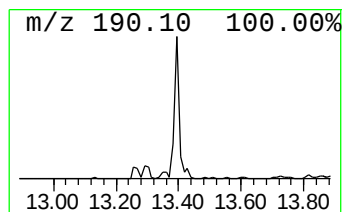
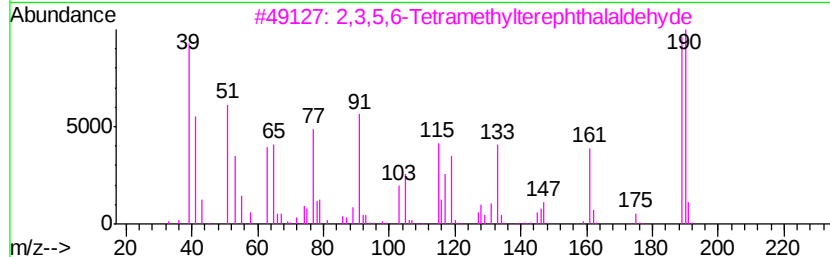
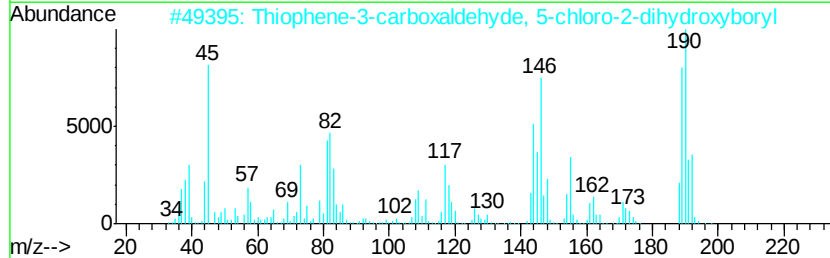
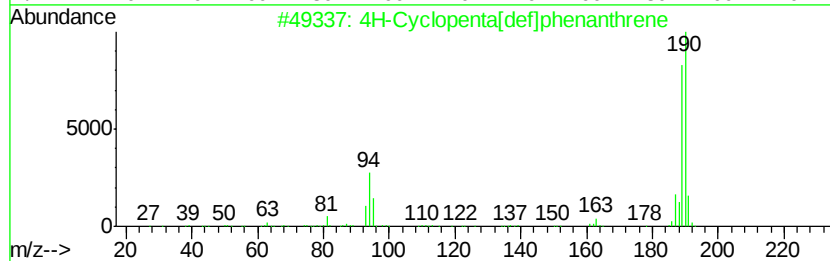
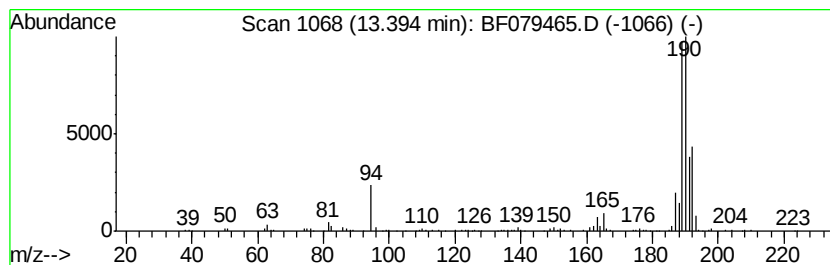
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 4H-Cyclopenta[def]phenanthrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.39	9.93 ng	404453	Phenanthrene-d10	12.64	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	62
2	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	50
3	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	43
4	6H-Cyclobuta[flk]phenanthrene	190	C15H10	083469-43-6	42
5	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	40



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052215\
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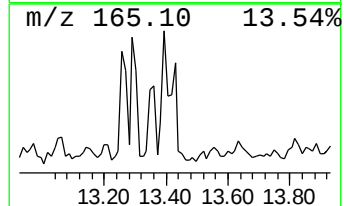
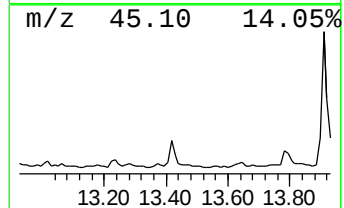
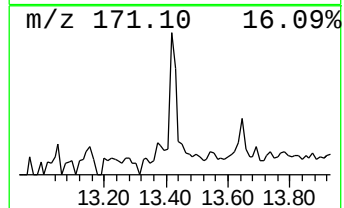
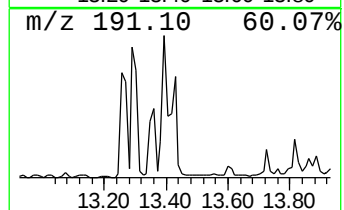
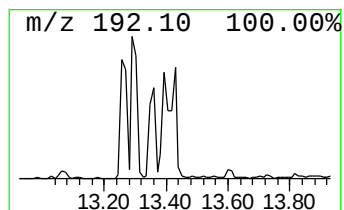
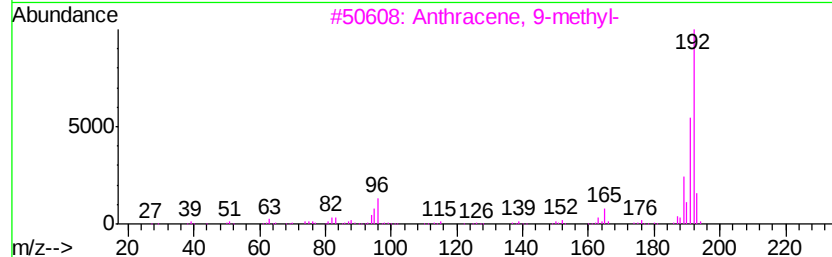
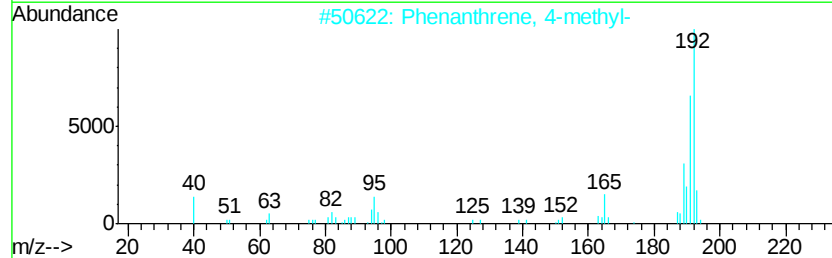
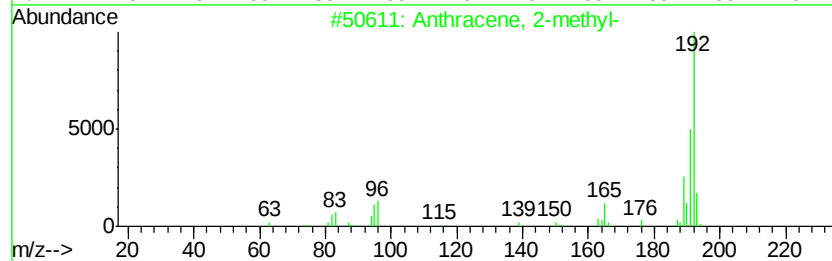
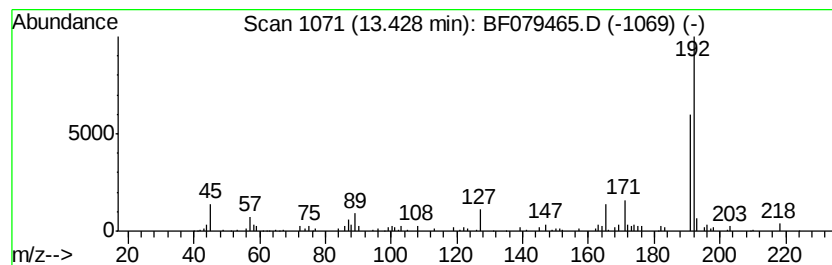
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Phenanthrene, 4-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.43	5.09 ng	207171	Phenanthrene-d10	12.64	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	64
2	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	64
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	64
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	64
5	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	64



Data Path : Z:\HPCHEM1\BNA F\DATA\BF052215\
Data File : BF079465.D
Acq On : 23 May 2015 9:21
Operator : TP/IZ
Sample : G2289-12 5X
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-31D

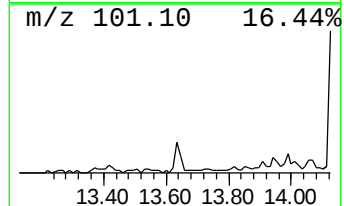
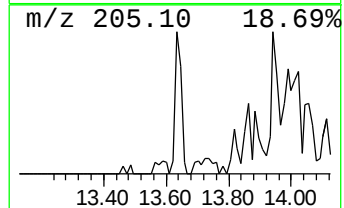
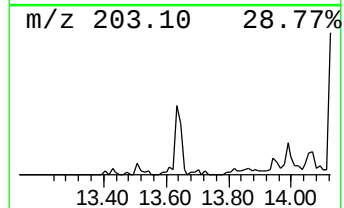
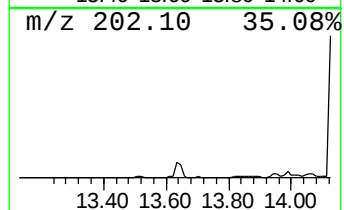
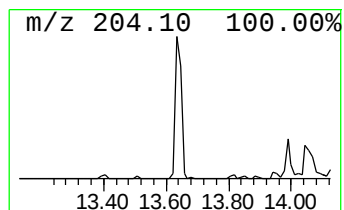
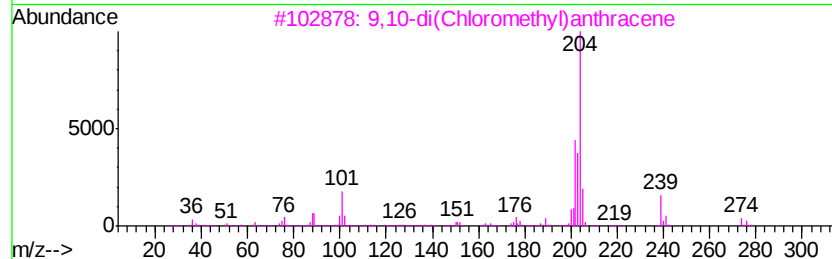
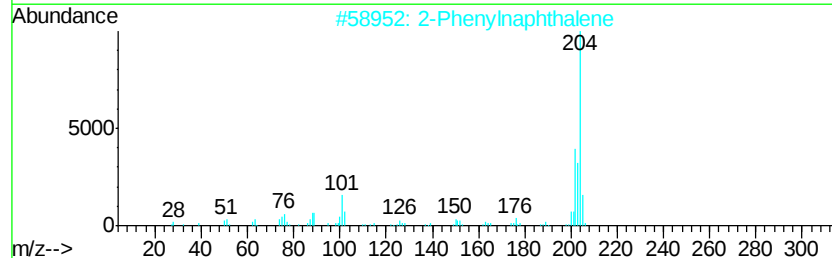
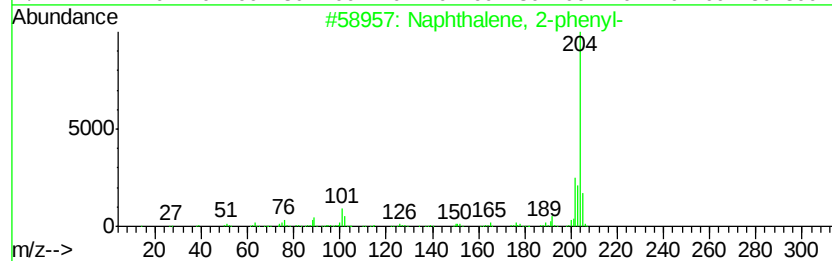
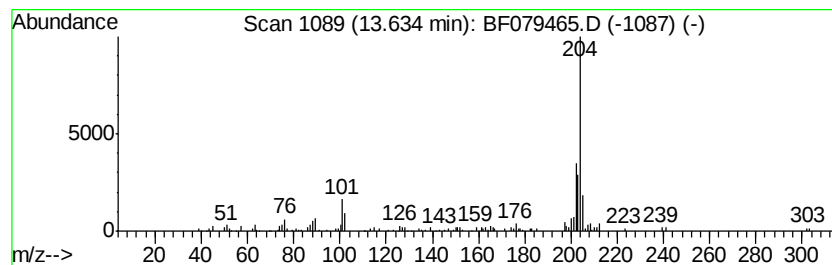
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Naphthalene, 2-phenyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.63	3.96 ng	161267	Phenanthrene-d10	12.64

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	95
2		2-Phenylnaphthalene	204	C16H12	035465-71-5	93
3		9,10-di(Chloromethyl)anthracene	274	C16H12Cl2	010387-13-0	83
4		6-Phenylbenzocyclohepten-7-one	232	C17H12O	093327-56-1	83
5		Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	78



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052215\
Data File : BF079465.D
Acq On : 23 May 2015 9:21
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Misc :
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Instrument :
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ClientSampleId :
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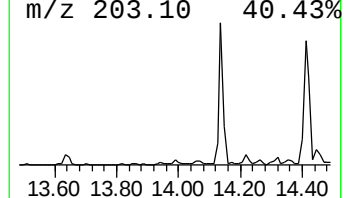
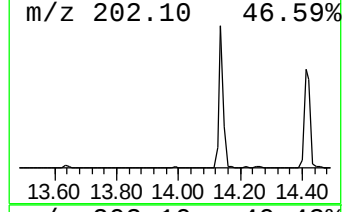
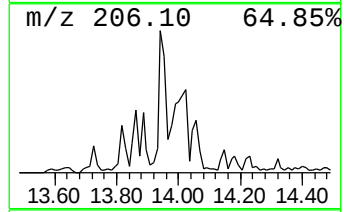
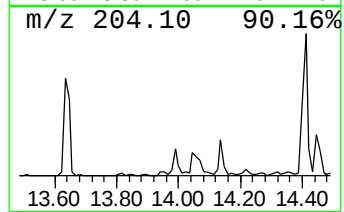
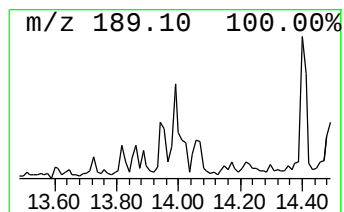
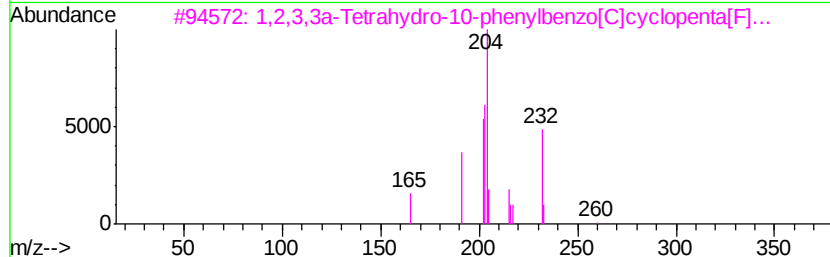
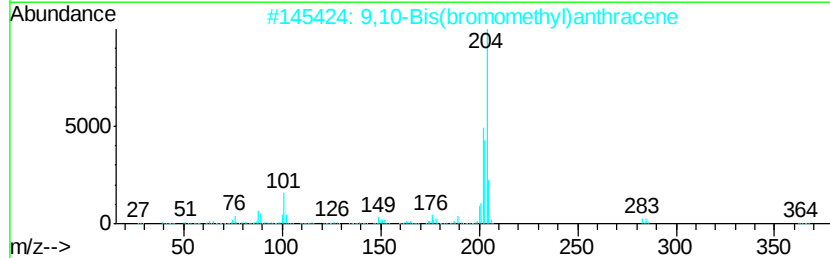
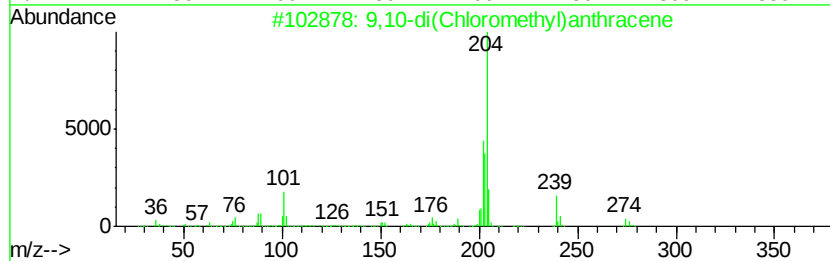
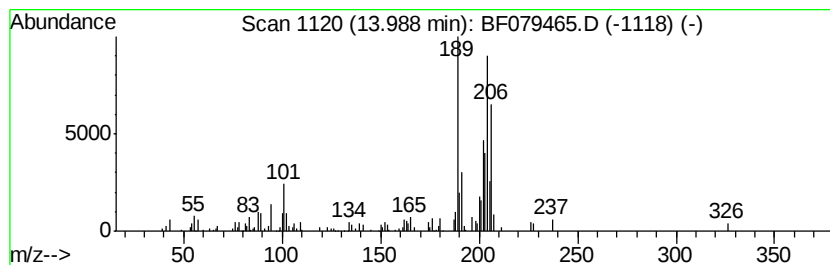
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 unknown13.99 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.99	4.06 ng	165250	Phenanthrene-d10	12.64

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9,10-di(Chloromethyl)anthracene	274	C16H12Cl2	010387-13-0	46
2		9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	43
3		1,2,3,3a-Tetrahydro-10-phenylben...	260	C18H16N2	028749-06-6	43
4		Acephenanthrylene, 4,5-dihydro-	204	C16H12	006232-48-0	38
5		3,5-Dichloro-2,4-dimethyl-1-meth...	204	C9H10Cl2O	1000250-17-8	35



Data Path : Z:\HPCHEM1\BNA F\DATA\BF052215\
Data File : BF079465.D
Acq On : 23 May 2015 9:21
Operator : TP/IZ
Sample : G2289-12 5X
Misc :
ALS Vial : 33 Sample Multiplier: 1

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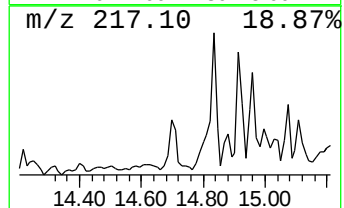
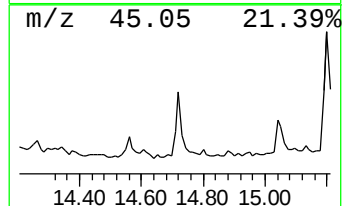
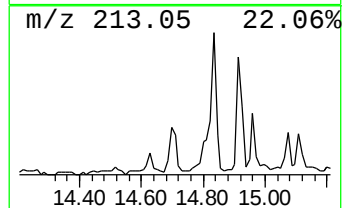
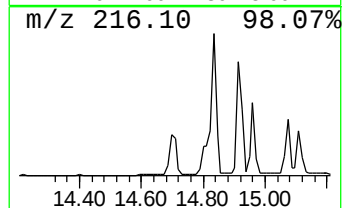
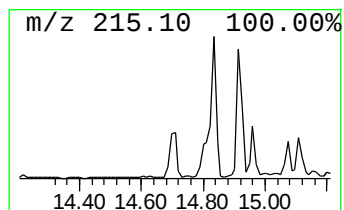
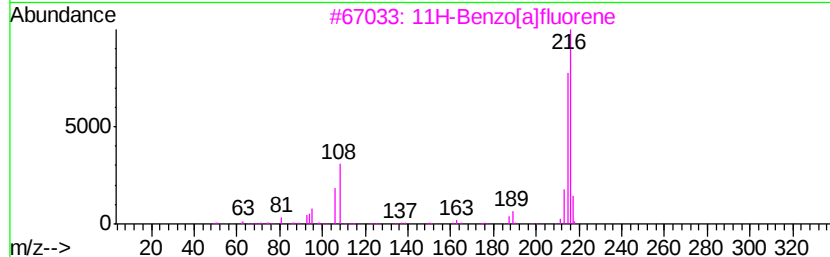
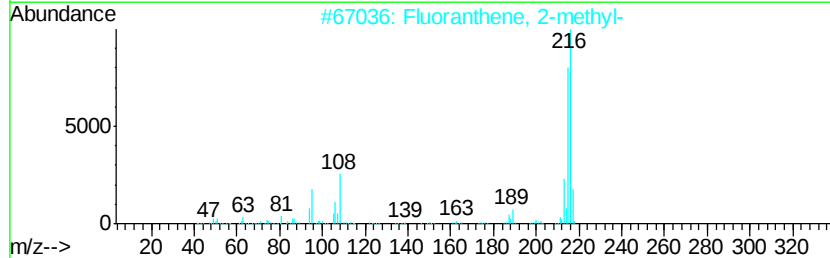
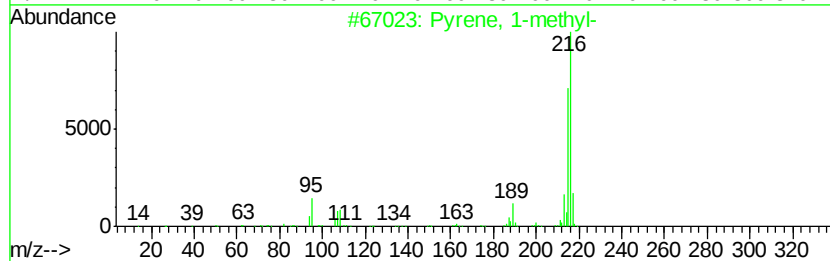
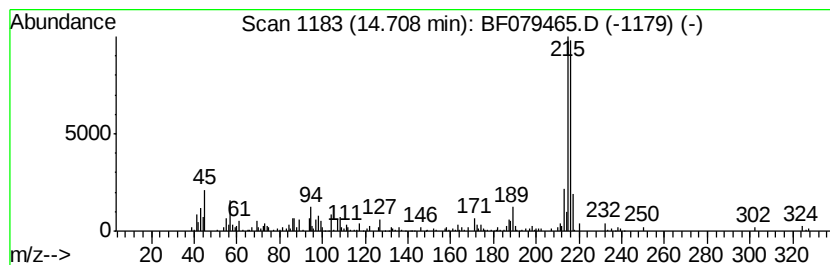
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Pyrene, 1-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.71	4.28 ng	332571	Chrysene-d12	15.92

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	91
2		Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	87
3		11H-Benzo[a]fluorene	216	C17H12	000238-84-6	83
4		11H-Benzo[b]fluorene	216	C17H12	000243-17-4	81
5		Pyrene, 2-methyl-	216	C17H12	003442-78-2	76



Data Path : Z:\HPCHEM1\BNA F\DATA\BF052215\
Data File : BF079465.D
Acq On : 23 May 2015 9:21
Operator : TP/IZ
Sample : G2289-12 5X
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-31D

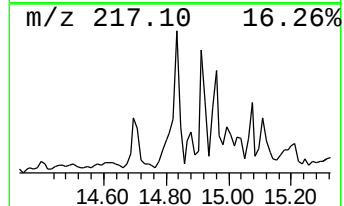
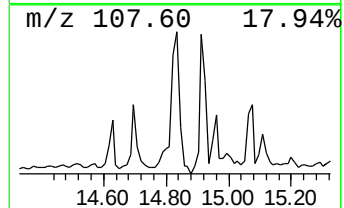
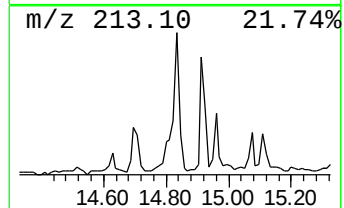
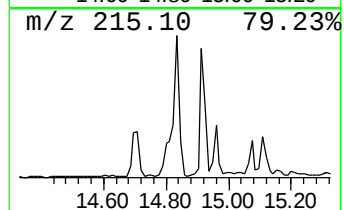
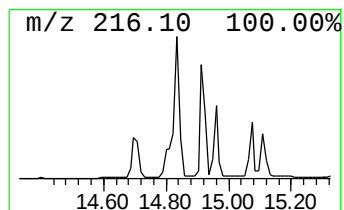
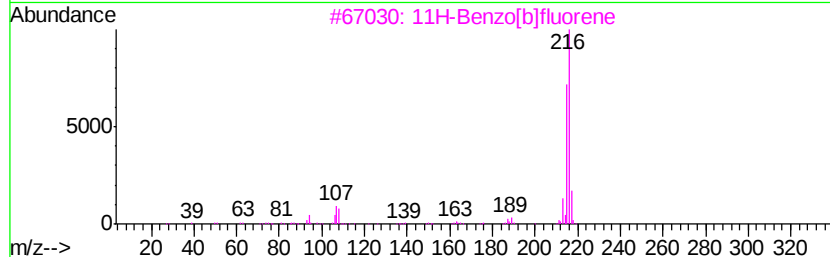
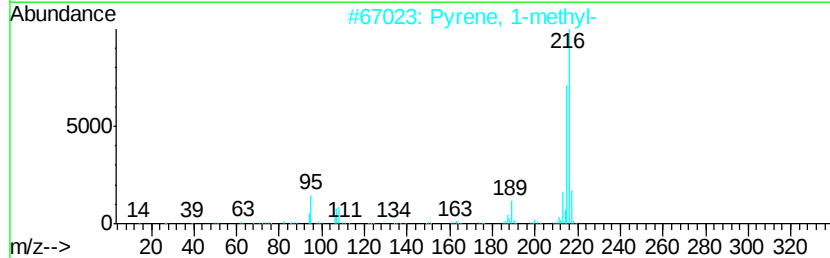
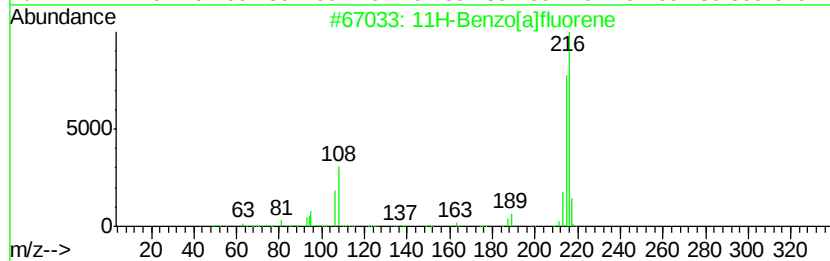
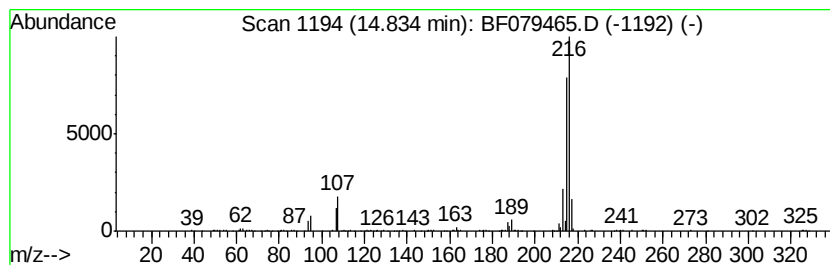
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 11H-Benzo[a]fluorene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.83	3.45 ng	267997	Chrysene-d12	15.92

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
2		Pyrene, 1-methyl-	216	C17H12	002381-21-7	87
3		11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
4		7H-Benzo[c]fluorene	216	C17H12	000205-12-9	83
5		Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	81



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052215\
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Acq On : 23 May 2015 9:21
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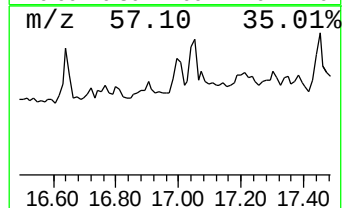
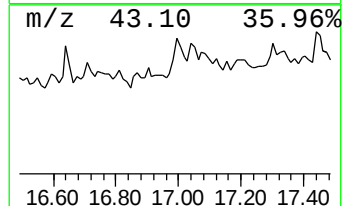
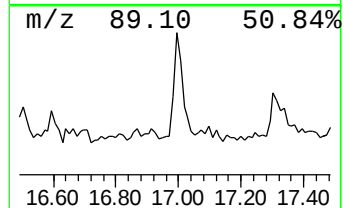
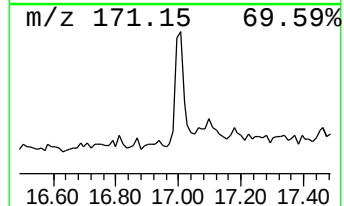
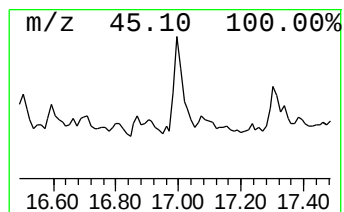
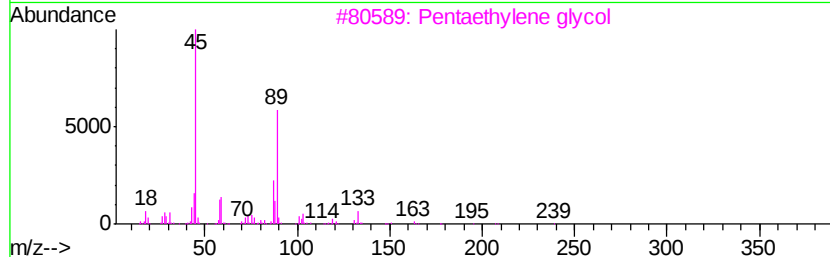
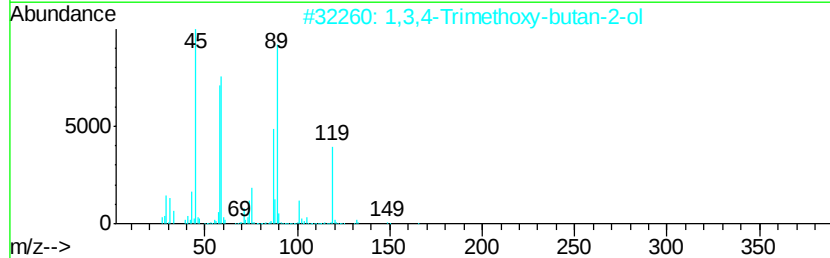
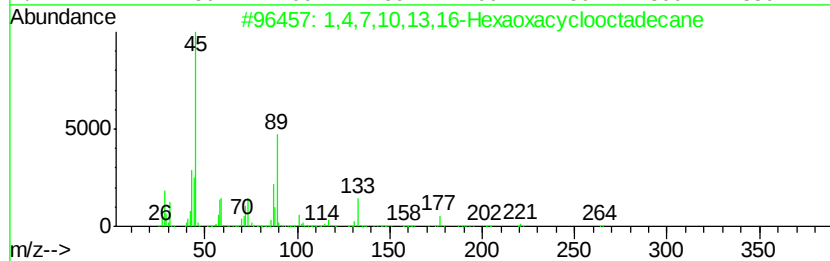
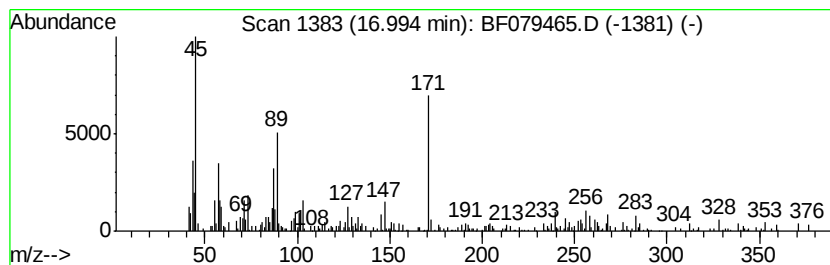
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 1,4,7,10,13,16-Hexaoxacyclo... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.	
16.99	4.41 ng	152560	Perylene-d12	17.70	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,4,7,10,13,16-Hexaoxacyclooctad...	264	C12H24O6	017455-13-9	64
2	1,3,4-Trimethoxy-butan-2-ol	164	C7H16O4	033469-04-4	50
3	Pentaethylene glycol	238	C10H22O6	004792-15-8	50
4	3,6,9,12-Tetraoxahexadecan-1-ol	250	C12H26O5	001559-34-8	38
5	3,5-Bis(methoxymethoxy)-4-nitrot...	267	C9H17NO6S	1000192-11-3	27



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052215\
 Data File : BF079465.D
 Acq On : 23 May 2015 9:21
 Operator : TP/IZ
 Sample : G2289-12 5X
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.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
Butane, 2-methoxy...	1.47	6.4	ng	136454	1	7.05	423827	20.0
unknown6.78	6.78	17.1	ng	362265	1	7.05	423827	20.0
Octanoic Acid	8.38	9.4	ng	278765	2	8.63	595320	20.0
Naphthalene, 1-me...	9.63	3.4	ng	102373	2	8.63	595320	20.0
Hexagol	12.45	4.4	ng	178205	4	12.64	814228	20.0
Phenanthrene, 2-m...	13.26	4.7	ng	190731	4	12.64	814228	20.0
Anthracene, 2-met...	13.29	5.2	ng	211764	4	12.64	814228	20.0
Anthracene, 1-met...	13.36	4.5	ng	183082	4	12.64	814228	20.0
4H-Cyclopenta[def...	13.39	9.9	ng	404453	4	12.64	814228	20.0
Phenanthrene, 4-m...	13.43	5.1	ng	207171	4	12.64	814228	20.0
Naphthalene, 2-ph...	13.63	4.0	ng	161267	4	12.64	814228	20.0
unknown13.99	13.99	4.1	ng	165250	4	12.64	814228	20.0
Pyrene, 1-methyl-	14.71	4.3	ng	332571	5	15.92	1554770	20.0
11H-Benzo[a]fluorene	14.83	3.5	ng	267997	5	15.92	1554770	20.0
1,4,7,10,13,16-He...	16.99	4.4	ng	152560	6	17.70	692628	20.0