

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF040418\
 Data File : BF104238.D
 Acq On : 4 Apr 2018 21:01
 Operator : JU/SJ
 Sample : J2199-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S6-A

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-BF032818.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.263	26	30	38	rVB	92116	125608	4.56%	0.540%
2	5.192	524	528	540	rBV	45202	83483	3.03%	0.359%
3	5.592	592	596	635	rBV	753145	2030298	73.68%	8.728%
4	6.592	763	766	785	rBV	966687	2064193	74.91%	8.874%
5	6.728	785	789	824	rVV	1482409	2755642	100.00%	11.847%
6	6.951	824	827	849	rVV	305805	704067	25.55%	3.027%
7	7.104	849	853	883	rVB	1451822	1902604	69.04%	8.179%
8	7.516	920	923	946	rBV	668528	1356441	49.22%	5.831%
9	7.663	946	948	960	rVB2	33624	59491	2.16%	0.256%
10	8.233	1041	1045	1079	rBV	533571	920613	33.41%	3.958%
11	9.304	1223	1227	1242	rBV	2160628	2594774	94.16%	11.155%
12	9.404	1242	1244	1256	rVB3	29975	64603	2.34%	0.278%
13	9.698	1286	1294	1299	rBV	113746	149230	5.42%	0.642%
14	9.892	1324	1327	1332	rBV	56168	46685	1.69%	0.201%
15	9.986	1340	1343	1358	rBV2	848793	922131	33.46%	3.964%
16	10.392	1409	1412	1416	rVB	70319	51430	1.87%	0.221%
17	10.786	1475	1479	1490	rBV	1007453	1346290	48.86%	5.788%
18	10.868	1490	1493	1502	rVB	65580	96925	3.52%	0.417%
19	11.486	1594	1598	1610	rBV	549106	760706	27.61%	3.270%
20	11.986	1680	1683	1688	rBV	45937	54640	1.98%	0.235%
21	12.710	1803	1806	1812	rBV	35104	47683	1.73%	0.205%
22	12.939	1842	1845	1850	rVB	44424	47869	1.74%	0.206%
23	13.068	1863	1867	1878	rBV	1459081	1682448	61.05%	7.233%
24	13.939	2011	2015	2019	rBV	152907	157663	5.72%	0.678%
25	14.139	2045	2049	2063	rBV	494187	800506	29.05%	3.441%
26	14.656	2134	2137	2146	rVB	132003	159579	5.79%	0.686%
27	15.233	2231	2235	2245	rVB3	121063	209323	7.60%	0.900%
28	15.392	2257	2262	2272	rBV	273390	458703	16.65%	1.972%
29	15.486	2274	2278	2285	rVV	379128	550870	19.99%	2.368%
30	15.680	2306	2311	2324	rVB	338991	587224	21.31%	2.524%
31	17.103	2547	2553	2567	rBV2	178560	469398	17.03%	2.018%

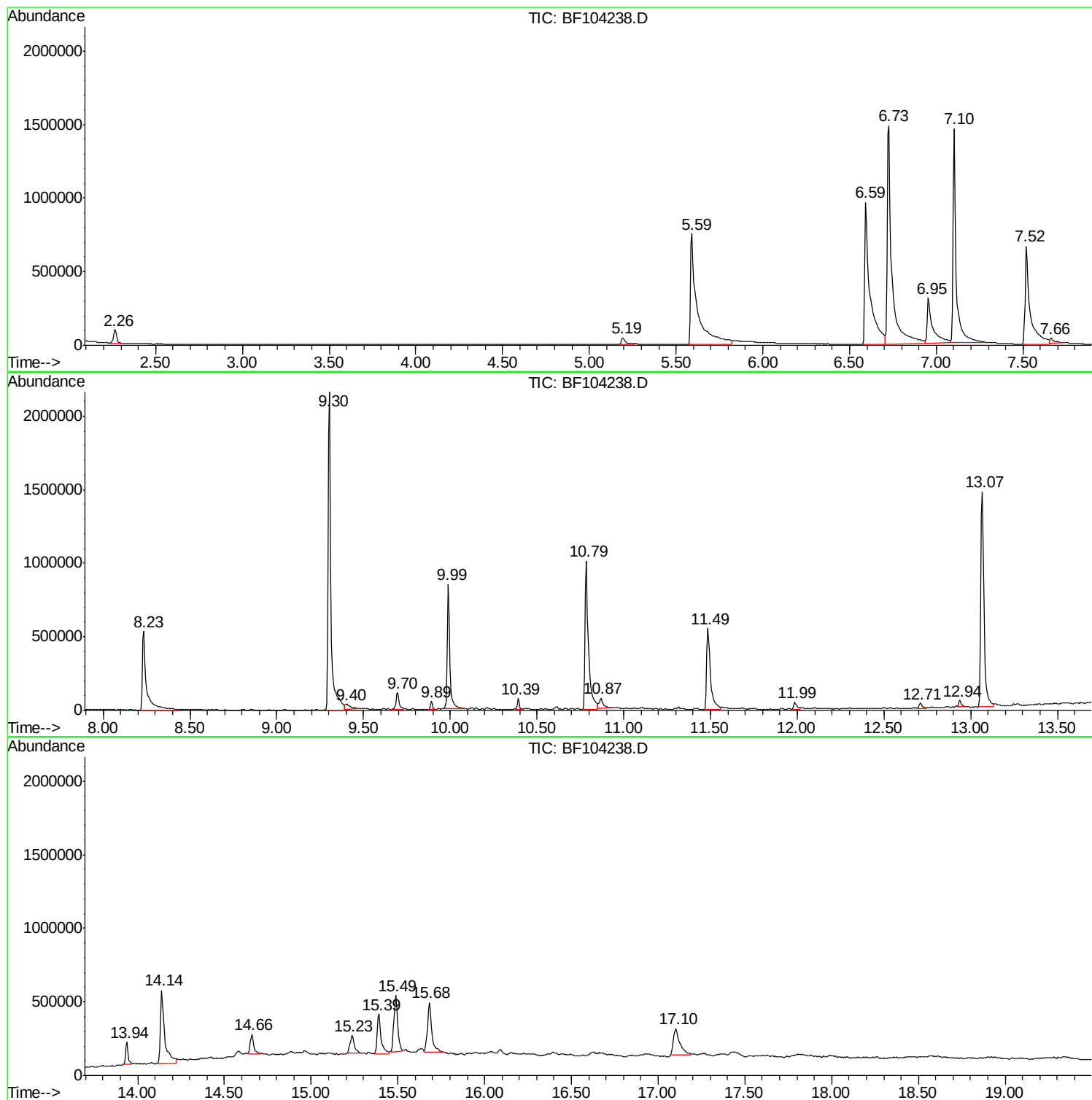
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BNA_F
ClientSampleId :
S6-A

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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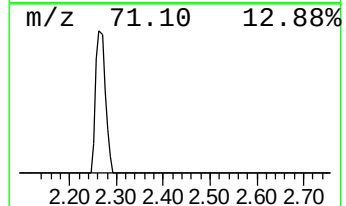
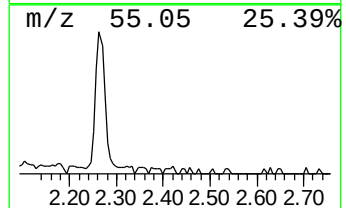
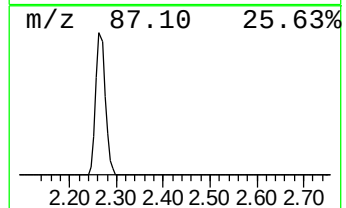
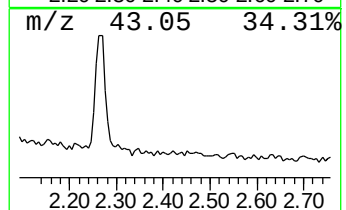
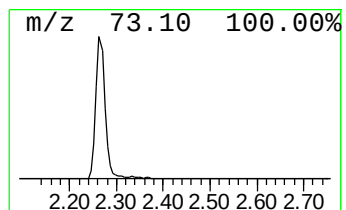
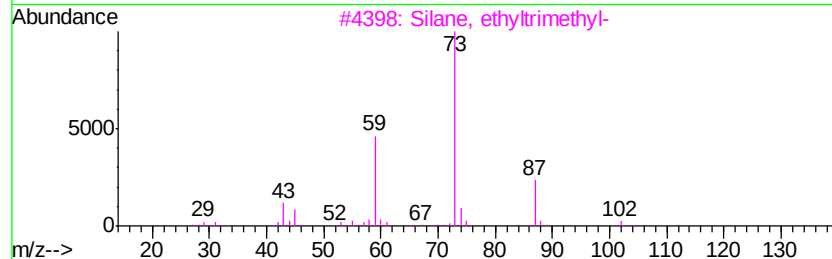
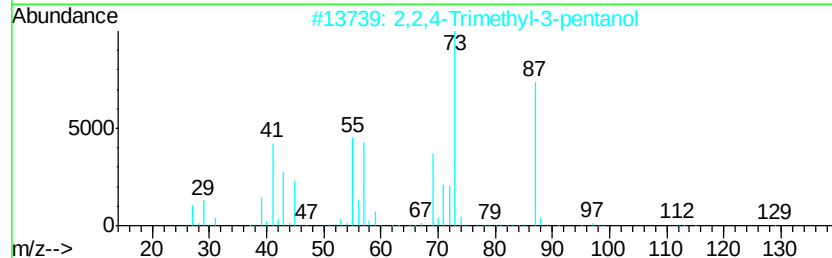
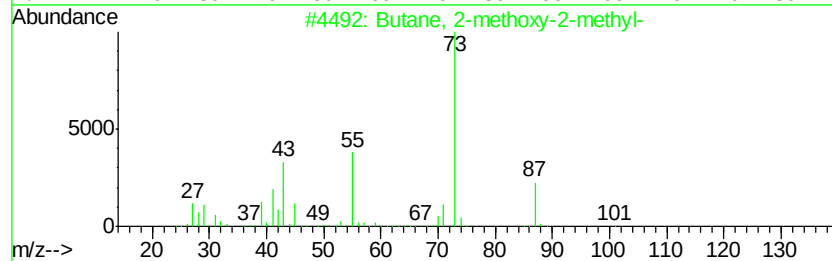
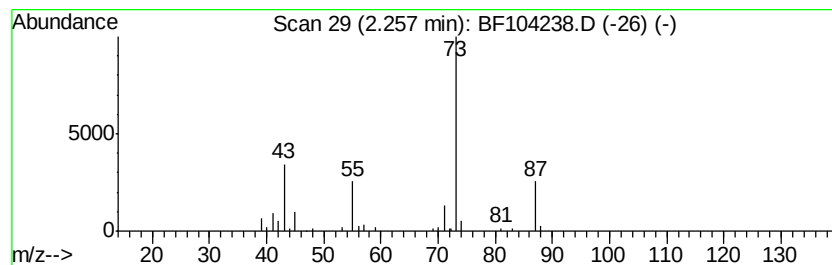
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.26	3.57 ng	125608	1,4-Dichlorobenzene-d4	6.95

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2			2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
3			Silane, ethyltrimethyl-	102	C5H14Si	003439-38-1	33
4			2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	32
5			3-Hexanol, 2-methyl-	116	C7H16O	000617-29-8	17



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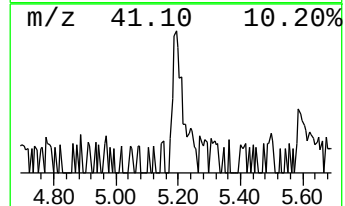
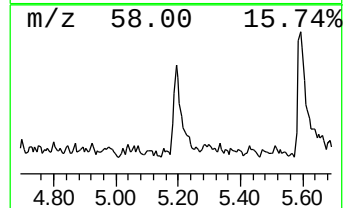
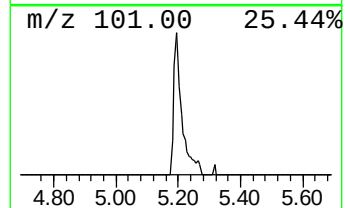
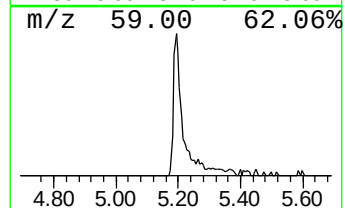
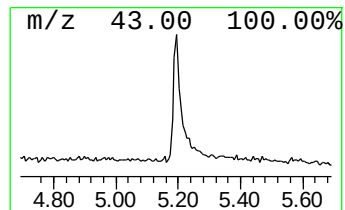
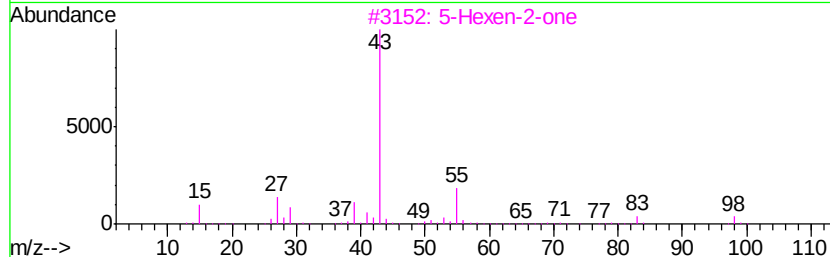
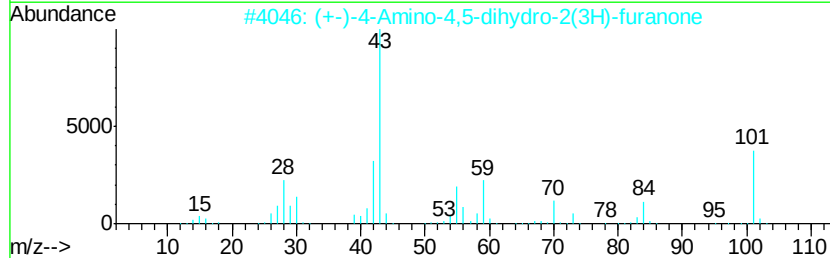
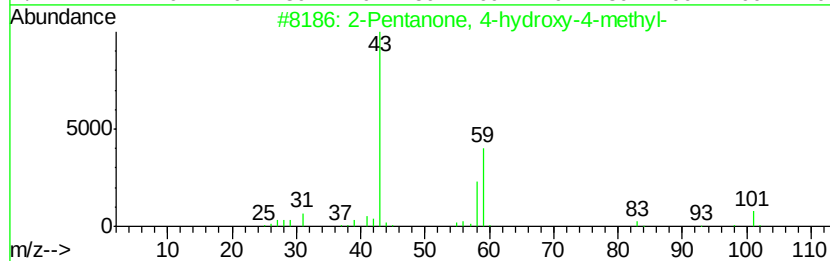
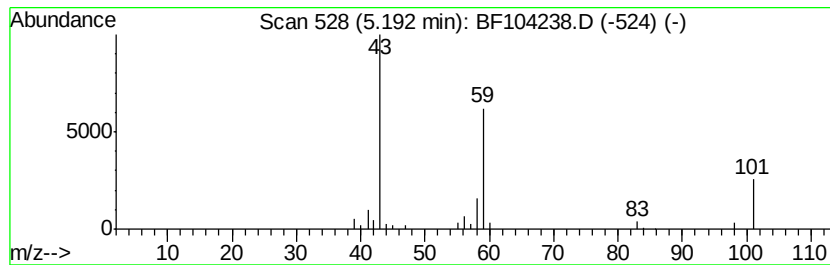
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Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.19	2.37 ng	83483	1,4-Dichlorobenzene-d4	6.95

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2		(+)-4-Amino-4,5-dihydro-2(3H)-furanone	101	C4H7NO2	016504-58-8	28
3		5-Hexen-2-one	98	C6H10O	000109-49-9	9
4		Ethanone, 1-(2-methylcyclopropyl)-	98	C6H10O	000930-56-3	9
5		2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9



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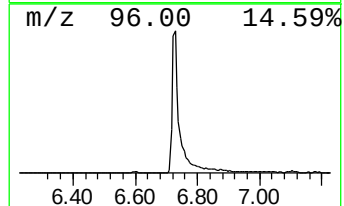
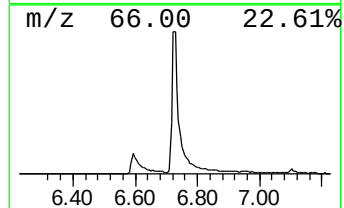
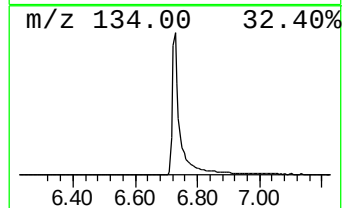
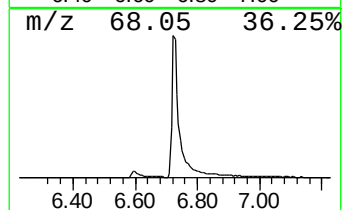
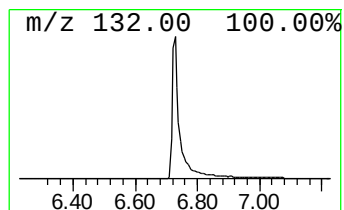
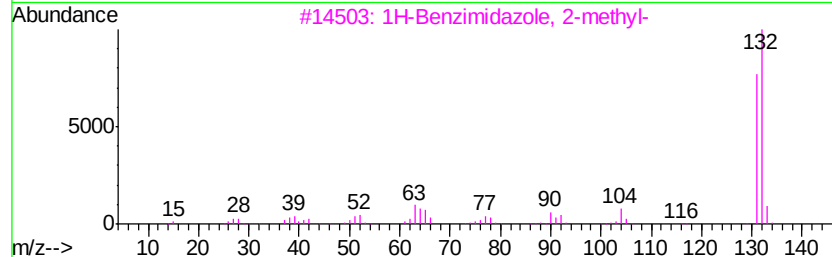
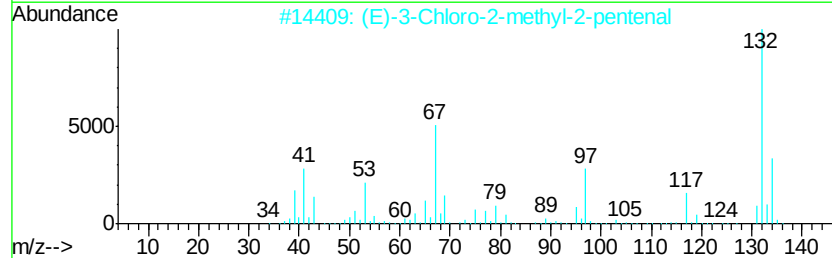
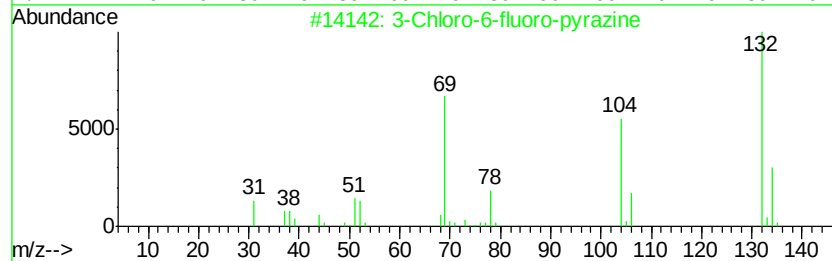
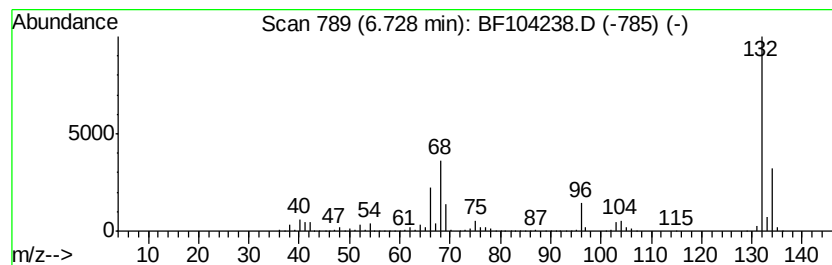
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Peak Number 3 unknown6.73 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.73	78.28 ng	2755640	1,4-Dichlorobenzene-d4	6.95

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	12
3		1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	10
4		1H-Indazole, 7-methyl-	132	C8H8N2	1000316-00-7	10
5		Xenon	132	Xe	007440-63-3	9



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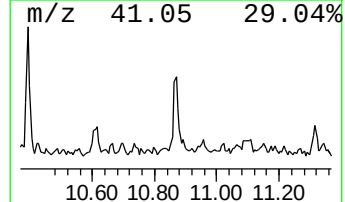
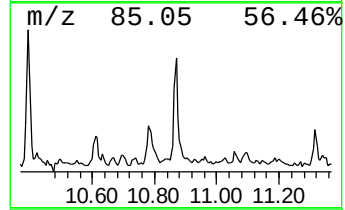
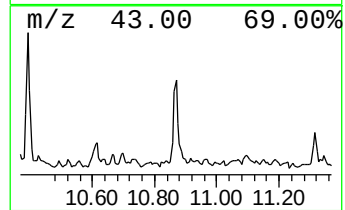
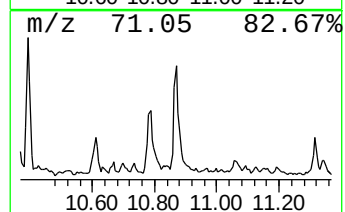
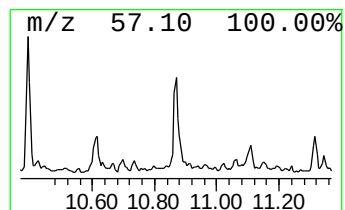
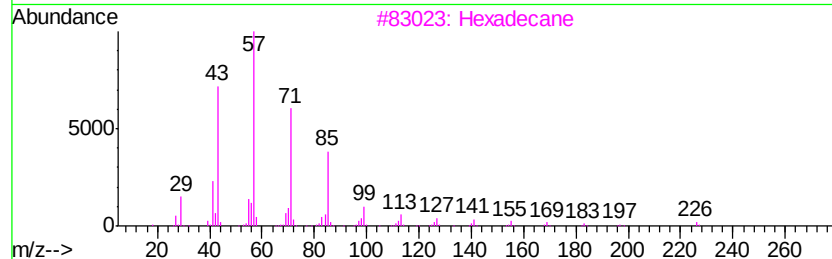
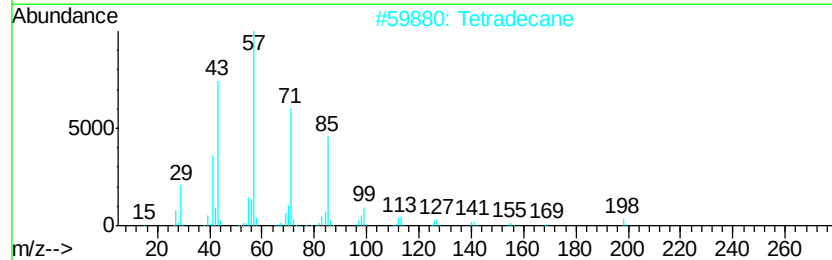
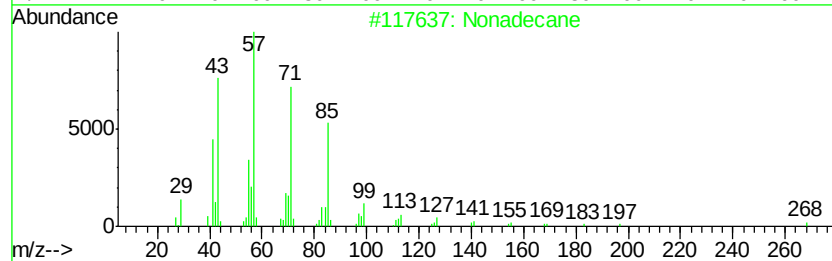
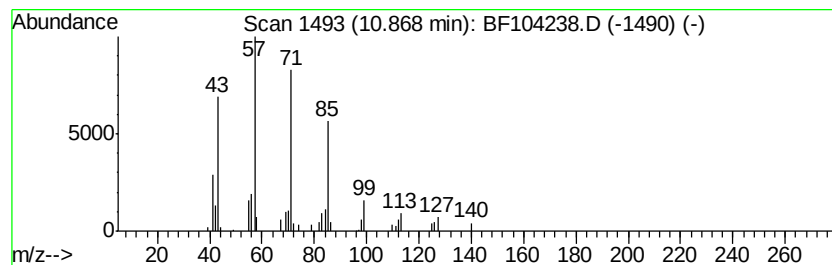
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Peak Number 5 Nonadecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.87	2.55 ng	96925	Phenanthrene-d10	11.49

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane		268	C19H40	000629-92-5	91
2	Tetradecane		198	C14H30	000629-59-4	86
3	Hexadecane		226	C16H34	000544-76-3	78
4	Dodecane, 2,6,11-trimethyl-		212	C15H32	031295-56-4	72
5	Undecane, 5,7-dimethyl-		184	C13H28	017312-83-3	72



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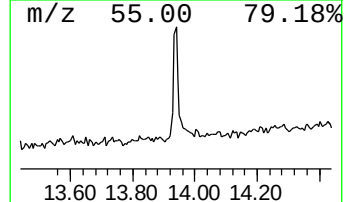
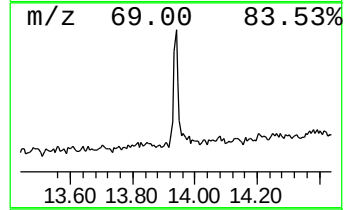
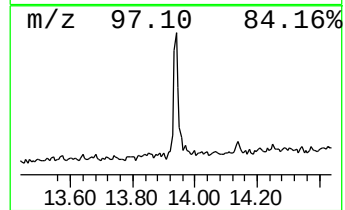
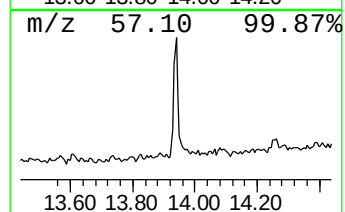
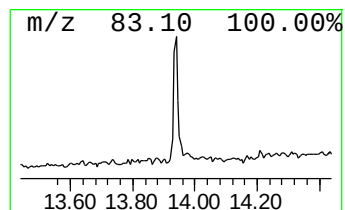
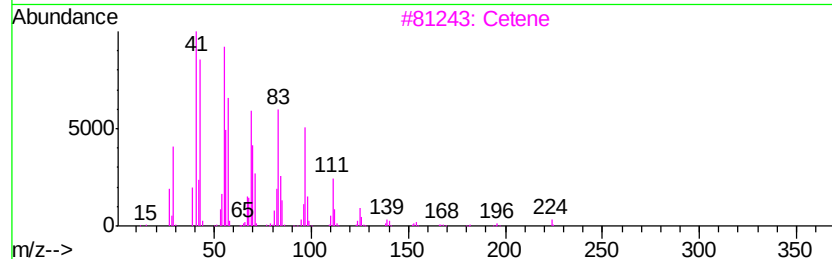
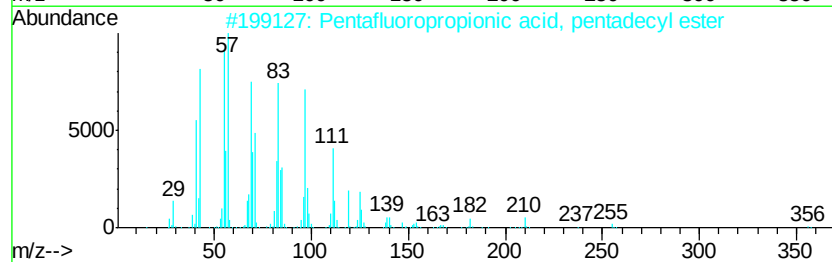
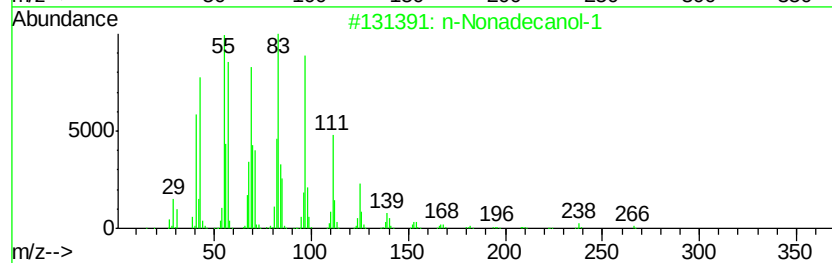
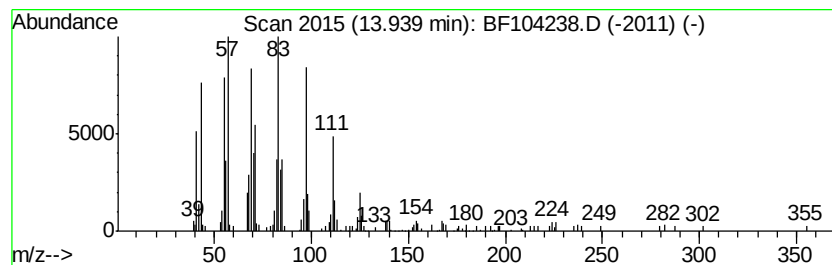
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Peak Number 6 n-Nonadecanol-1 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.94	3.94 ng	157663	Chrysene-d12	14.14
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	n-Nonadecanol-1	284 C19H40O	001454-84-8	95
2	Pentafluoropropionic acid, penta...	374 C18H31F5O2	959092-08-1	93
3	Cetene	224 C16H32	000629-73-2	93
4	Trifluoroacetic acid, pentadecyl...	324 C17H31F3O2	959010-23-2	93
5	Heptafluorobutyric acid, pentade...	424 C19H31F7O2	959261-23-5	93



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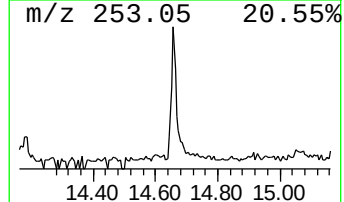
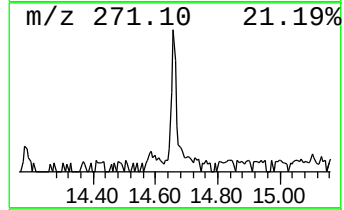
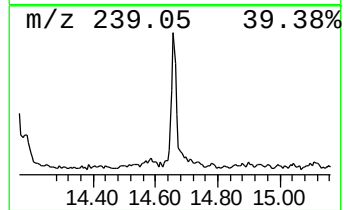
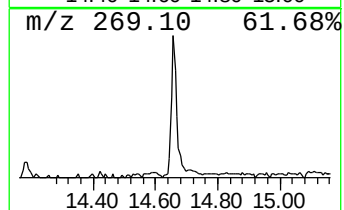
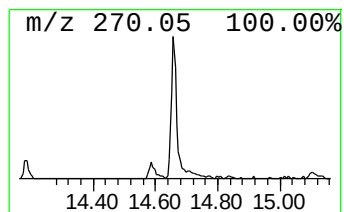
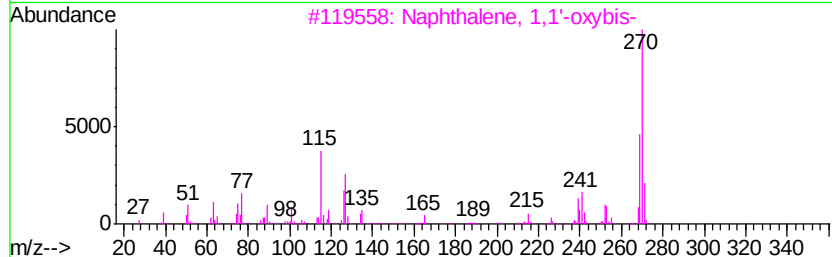
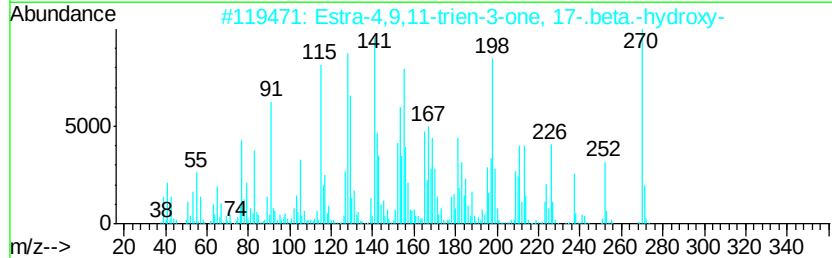
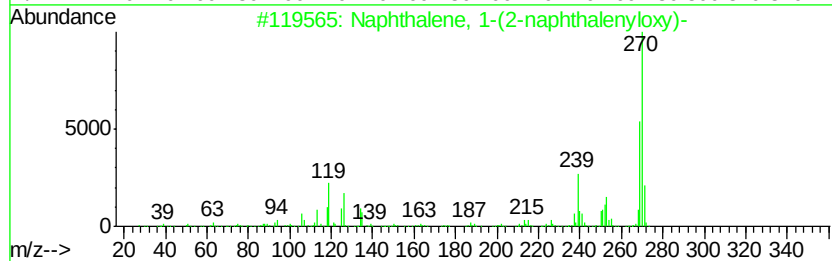
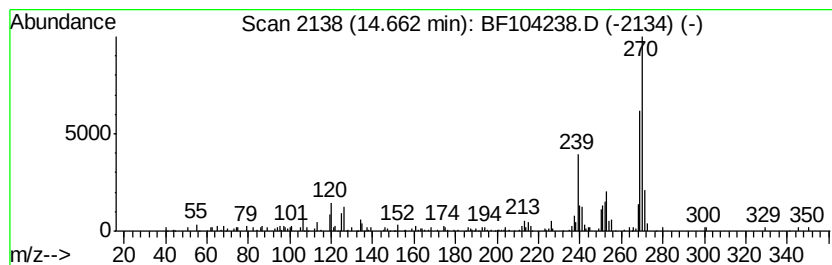
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.66	3.99 ng	159579	Chrysene-d12	14.14

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1-(2-naphthalenyloxy)-	270	C20H14O	000611-49-4	97
2		Estra-4,9,11-trien-3-one, 17-.be...	270	C18H22O2	010161-33-8	92
3		Naphthalene, 1,1'-oxybis-	270	C20H14O	000607-52-3	74
4		9-Benzylidenexanthene	270	C20H14O	027980-52-5	64
5		8-Methyl-4-azafluorene, phenylimine	270	C19H14N2	1000216-54-2	50



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF040418\
Data File : BF104238.D
Acq On : 4 Apr 2018 21:01
Operator : JU/SJ
Sample : J2199-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
S6-A

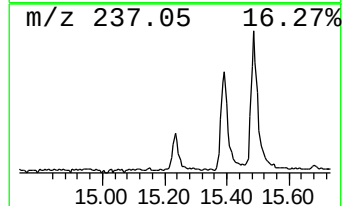
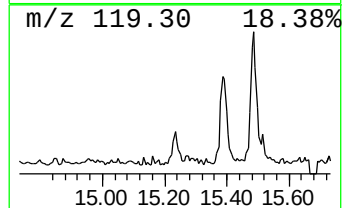
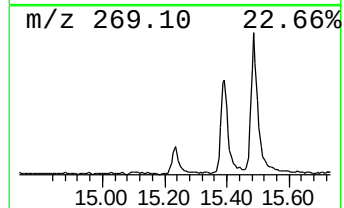
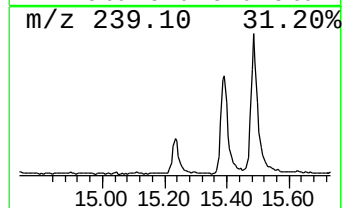
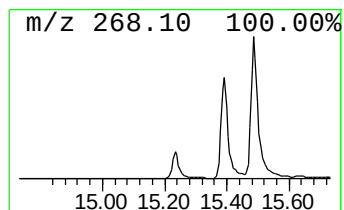
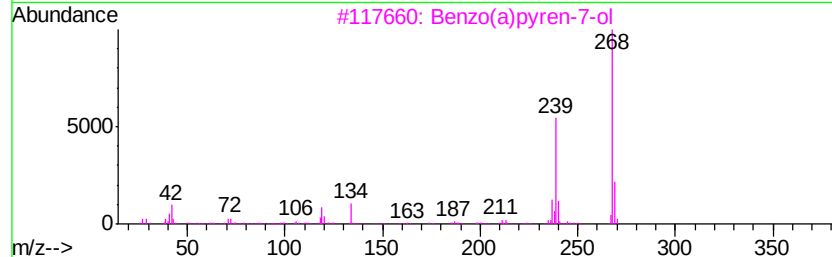
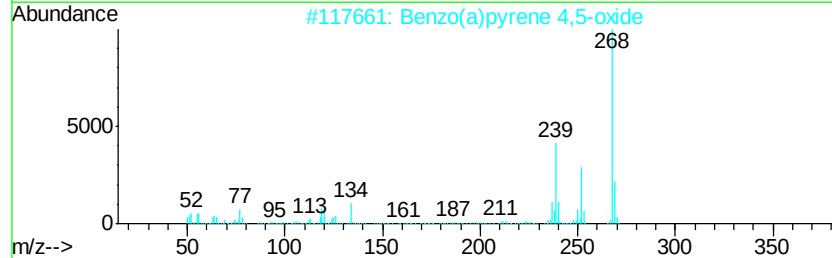
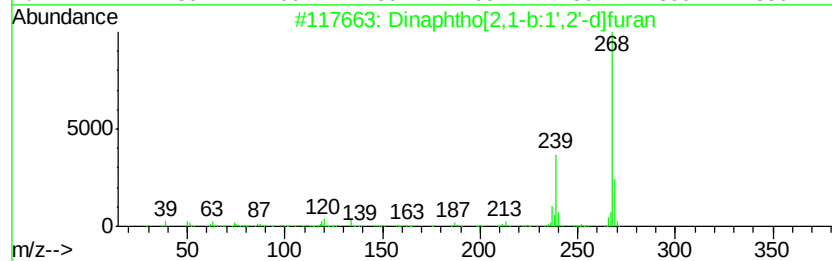
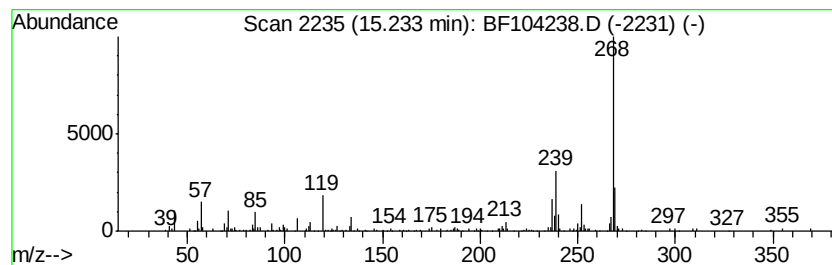
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Dinaphtho[2,1-b:1',2'-d]furan Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.23	7.13 ng	209323	Perylene-d12	15.68

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dinaphtho[2,1-b:1',2'-d]furan	268	C20H12O	000194-63-8	96
2		Benzo(a)pyrene 4,5-oxide	268	C20H12O	037574-47-3	83
3		Benzo(a)pyren-7-ol	268	C20H12O	037994-82-4	81
4		Dinaphtho[1,2-b:1',2'-d]furan	268	C20H12O	000207-93-2	81
5		4H-1-Benzopyran-4-one, 5-hydroxy...	268	C16H12O4	000520-28-5	64



Data Path : Z:\HPCHEM1\BNA F\DATA\BF040418\
Data File : BF104238.D
Acq On : 4 Apr 2018 21:01
Operator : JU/SJ
Sample : J2199-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
S6-A

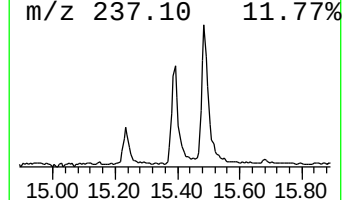
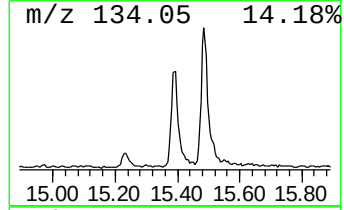
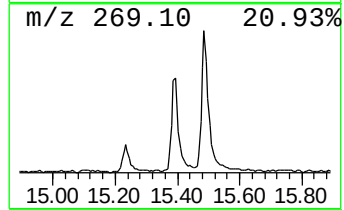
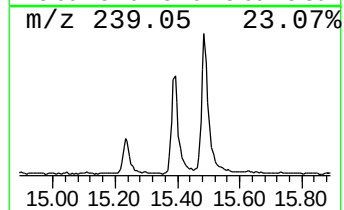
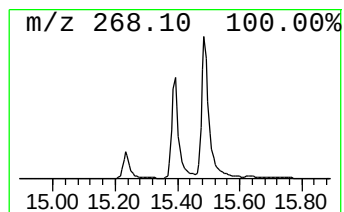
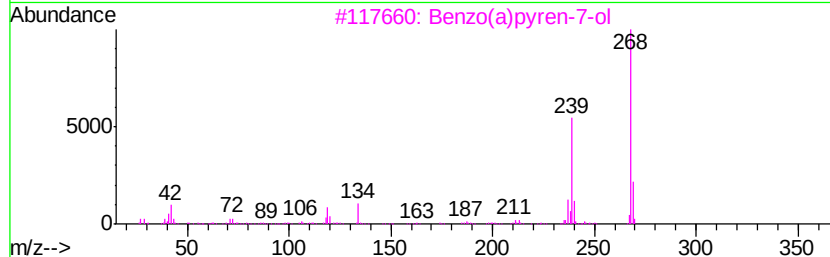
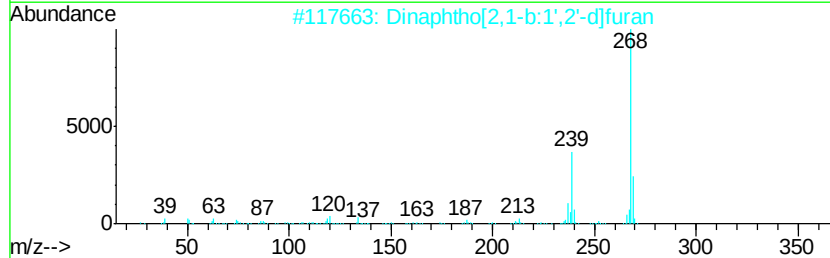
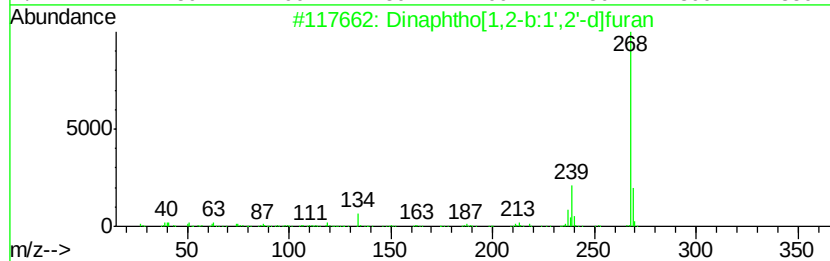
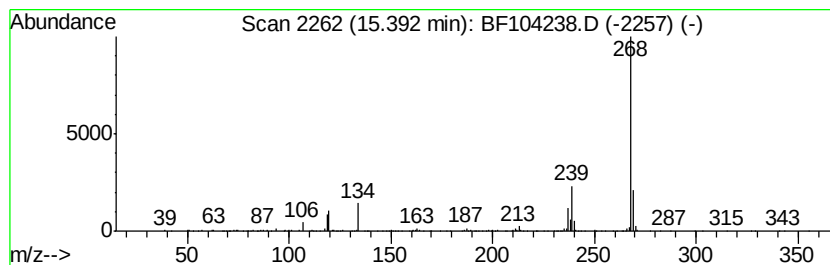
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Dinaphtho[1,2-b:1',2'-d]furan Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.39	15.62 ng	458703	Perylene-d12	15.68

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dinaphtho[1,2-b:1',2'-d]furan	268	C20H12O	000207-93-2	96
2		Dinaphtho[2,1-b:1',2'-d]furan	268	C20H12O	000194-63-8	91
3		Benzo(a)pyren-7-ol	268	C20H12O	037994-82-4	72
4		Benzo(a)pyrene 4,5-oxide	268	C20H12O	037574-47-3	72
5		9,10-Anthracenedione, 1,5-dimeth...	268	C16H12O4	006448-90-4	64



Data Path : Z:\HPCHEM1\BNA F\DATA\BF040418\
Data File : BF104238.D
Acq On : 4 Apr 2018 21:01
Operator : JU/SJ
Sample : J2199-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
S6-A

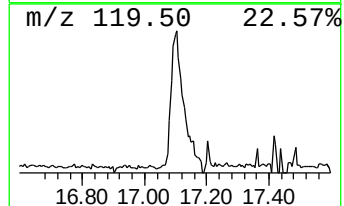
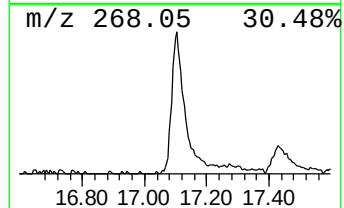
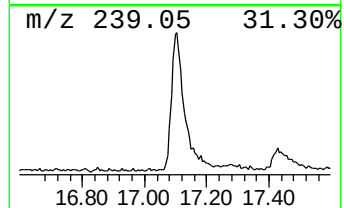
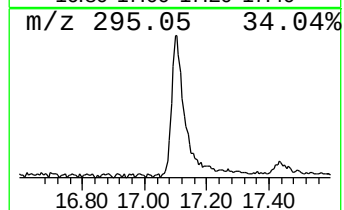
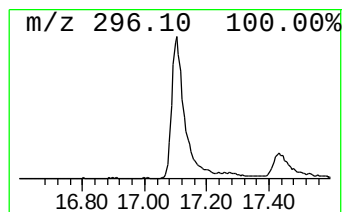
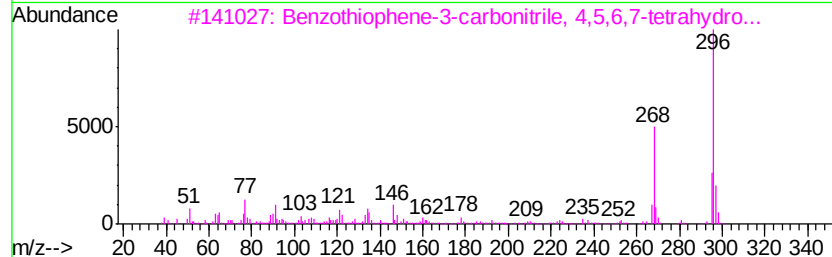
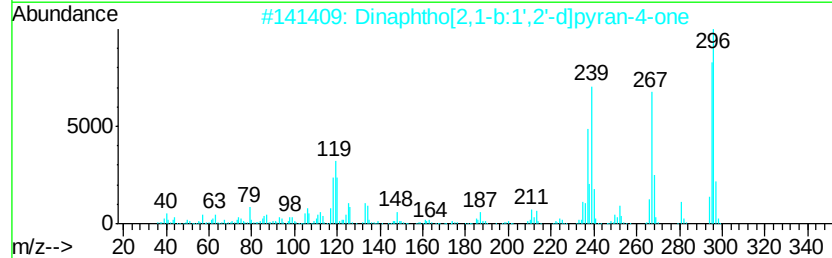
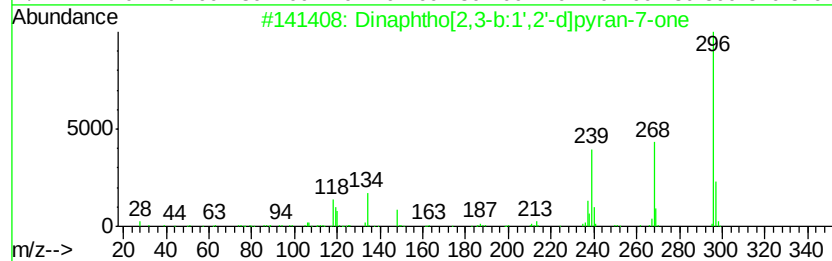
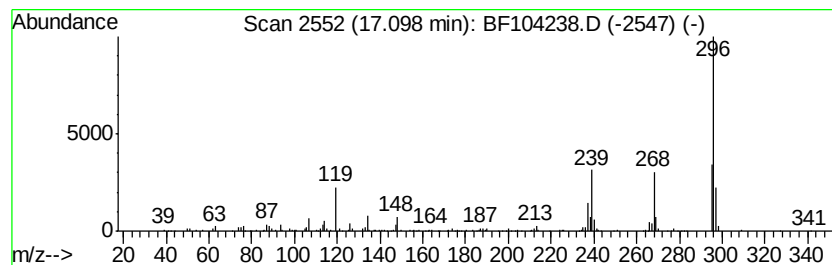
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Dinaphtho[2,3-b:1',2'-d]pyr... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.10	15.99 ng	469398	Perylene-d12	15.68

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dinaphtho[2,3-b:1',2'-d]pyran-7-one	296	C21H12O2	154352-87-1	90
2		Dinaphtho[2,1-b:1',2'-d]pyran-4-one	296	C21H12O2	155674-73-0	64
3		Benzothiophene-3-carbonitrile, 4...	296	C17H16N2OS	069438-35-3	50
4		Imidazolidine-2,4-dione, 5-(4-et...	296	C17H16N2O3	086029-57-4	50
5		Acetaldehyde, (4,5-diphenyl-3H-1...	296	C17H12OS2	038443-47-9	50



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF040418\
Data File : BF104238.D
Acq On : 4 Apr 2018 21:01
Operator : JU/SJ
Sample : J2199-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
S6-A

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Butane, 2-methoxy...	2.26	3.6	ng	125608	1	6.95	704067	20.0
2-Pentanone, 4-hy...	5.19	2.4	ng	83483	1	6.95	704067	20.0
unknown6.73	6.73	78.3	ng	2755640	1	6.95	704067	20.0
Nonadecane	10.87	2.5	ng	96925	4	11.49	760706	20.0
n-Nonadecanol-1	13.94	3.9	ng	157663	5	14.14	800506	20.0
Naphthalene, 1-(2...	14.66	4.0	ng	159579	5	14.14	800506	20.0
Dinaphtho[2,1-b:1...	15.23	7.1	ng	209323	6	15.68	587224	20.0
Dinaphtho[1,2-b:1...	15.39	15.6	ng	458703	6	15.68	587224	20.0
Dinaphtho[2,3-b:1...	17.10	16.0	ng	469398	6	15.68	587224	20.0