

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060816\
 Data File : BF087819.D
 Acq On : 8 Jun 2016 19:49
 Operator : UM/SJ
 Sample : H3378-15 2X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SS-24

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-BF060716.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	1.758	7	15	18	rVB	618012	1517725	52.79%	6.606%
2	1.884	24	26	38	rVB	1869253	2874833	100.00%	12.514%
3	2.170	50	51	57	rVB	29188	49457	1.72%	0.215%
4	4.981	295	297	302	rVB	59006	81782	2.84%	0.356%
5	5.416	332	335	337	rBV	946254	931926	32.42%	4.057%
6	6.456	423	426	428	rBV	971902	981579	34.14%	4.273%
7	6.593	435	438	440	rBV	943385	979700	34.08%	4.264%
8	6.822	456	458	461	rVB	700219	645869	22.47%	2.811%
9	6.982	469	472	474	rBV	956220	778912	27.09%	3.390%
10	7.382	505	507	510	rBV	511601	510595	17.76%	2.223%
11	8.113	568	571	572	rBV	1057869	944387	32.85%	4.111%
12	8.136	572	573	575	rVB	65581	46612	1.62%	0.203%
13	9.188	663	665	668	rBV	1035592	996218	34.65%	4.336%
14	9.588	698	700	702	rBV	166589	128644	4.47%	0.560%
15	9.873	722	725	726	rBV	846133	930552	32.37%	4.051%
16	9.896	726	727	729	rVB	147814	150569	5.24%	0.655%
17	10.068	740	742	744	rVB	66433	64618	2.25%	0.281%
18	10.410	771	772	775	rVB	123841	118970	4.14%	0.518%
19	10.651	791	793	796	rBV	537014	540143	18.79%	2.351%
20	11.245	843	845	849	rVB2	46862	56116	1.95%	0.244%
21	11.348	852	854	856	rBV	580610	1088784	37.87%	4.739%
22	11.382	856	857	858	rVV	595169	414091	14.40%	1.802%
23	11.428	858	861	863	rVB	281797	240858	8.38%	1.048%
24	11.576	871	874	876	rBV2	65902	98868	3.44%	0.430%
25	11.851	896	898	899	rBV	59244	54336	1.89%	0.237%
26	11.885	899	901	903	rVB	69924	75289	2.62%	0.328%
27	11.931	903	905	906	rBV	38580	36778	1.28%	0.160%
28	11.965	906	908	912	rVB2	143662	163618	5.69%	0.712%
29	12.148	923	924	928	rVB	49190	60944	2.12%	0.265%
30	12.559	958	960	963	rBV	705938	738406	25.69%	3.214%
31	12.708	970	973	977	rBV3	20403	37899	1.32%	0.165%
32	12.788	977	980	983	rBV	623607	750981	26.12%	3.269%
33	12.845	983	985	988	rVB2	22395	32545	1.13%	0.142%
34	12.936	991	993	996	rVB	699576	729075	25.36%	3.174%

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35	13.016	996	1000	1003	rBV3	29651	74366	2.59%	0.324%
36	13.119	1003	1009	1011	rBV	123986	157350	5.47%	0.685%
37	13.188	1011	1015	1016	rBV	122687	128537	4.47%	0.560%
38	13.222	1016	1018	1019	rBV	56147	57746	2.01%	0.251%
39	13.519	1042	1044	1049	rVB2	16976	35640	1.24%	0.155%
40	13.622	1049	1053	1056	rBV3	22489	54453	1.89%	0.237%
41	13.737	1060	1063	1064	rBV2	49269	61164	2.13%	0.266%
42	13.782	1064	1067	1070	rVV3	26301	77733	2.70%	0.338%
43	13.988	1081	1085	1091	rBV2	909043	1474340	51.28%	6.418%
44	14.091	1092	1094	1096	rBV	73287	71152	2.47%	0.310%
45	14.171	1100	1101	1103	rBV2	25120	32571	1.13%	0.142%
46	14.377	1117	1119	1120	rVB	40518	43791	1.52%	0.191%
47	14.468	1125	1127	1128	rBV	41670	49282	1.71%	0.215%
48	14.674	1143	1145	1150	rBV4	18464	54197	1.89%	0.236%
49	15.005	1171	1174	1179	rBV	238823	508624	17.69%	2.214%
50	15.108	1181	1183	1186	rVB	98499	118875	4.14%	0.517%
51	15.291	1197	1199	1202	rVB	134122	173854	6.05%	0.757%
52	15.348	1202	1204	1207	rBV	169443	248719	8.65%	1.083%
53	15.417	1207	1210	1216	rVB	483706	696273	24.22%	3.031%
54	15.897	1248	1252	1254	rBV	48207	102306	3.56%	0.445%
55	16.091	1267	1269	1272	rBV4	17151	40631	1.41%	0.177%
56	16.640	1313	1317	1324	rBV4	19747	77218	2.69%	0.336%
57	16.800	1327	1331	1335	rVV2	73929	142576	4.96%	0.621%
58	16.948	1341	1344	1348	rBV3	17173	61664	2.14%	0.268%
59	17.211	1364	1367	1375	rVB	49073	111881	3.89%	0.487%
60	17.383	1378	1382	1385	rBV5	42964	122540	4.26%	0.533%
61	17.817	1418	1420	1425	rVV5	11832	42684	1.48%	0.186%
62	17.908	1426	1428	1437	rVB4	23354	68149	2.37%	0.297%
63	18.160	1445	1450	1459	rVB7	21360	113131	3.94%	0.492%
64	19.349	1549	1554	1562	rVB3	32241	120342	4.19%	0.524%

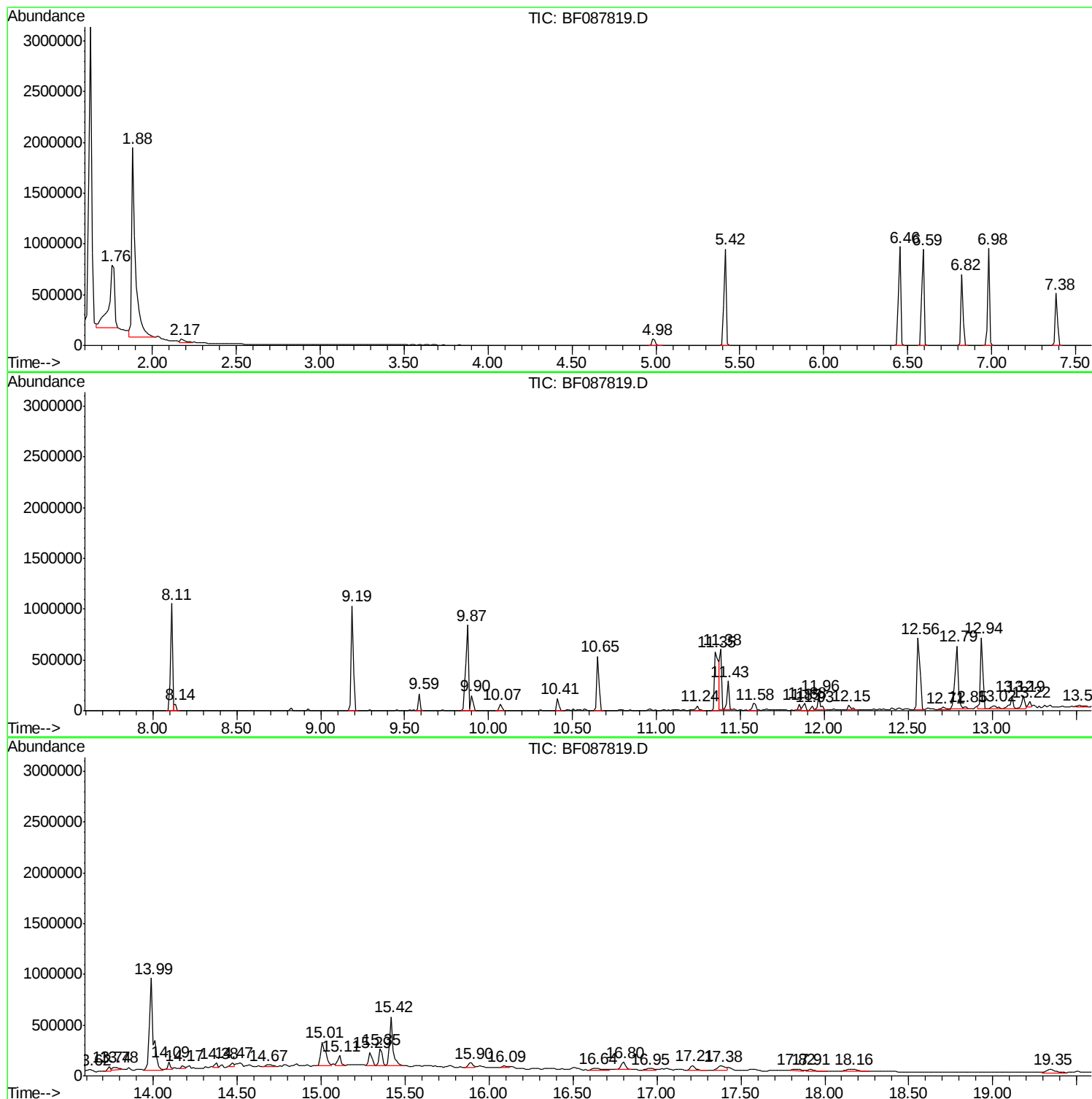
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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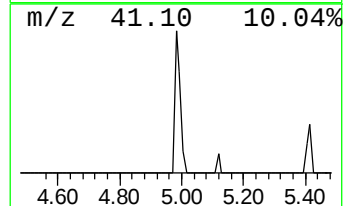
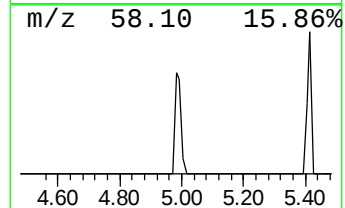
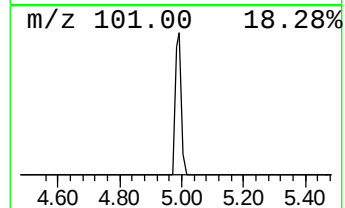
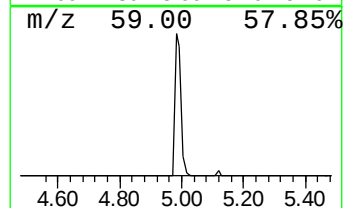
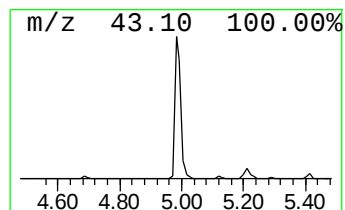
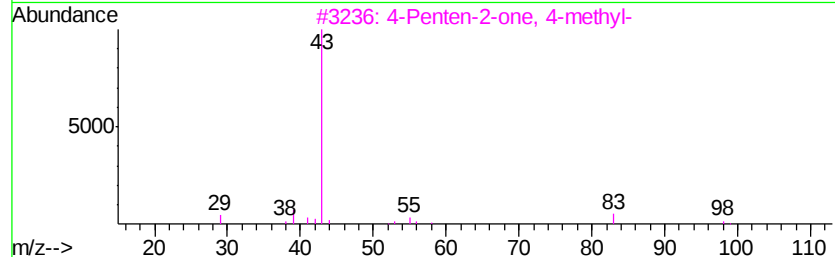
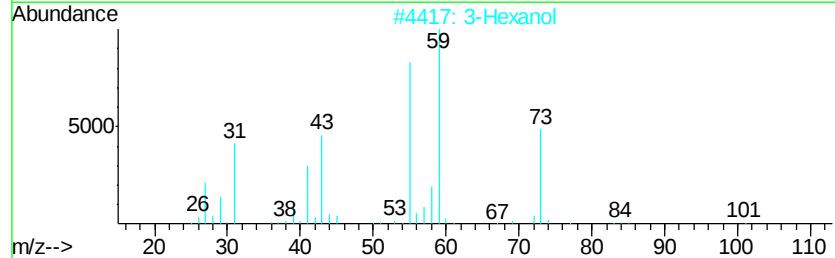
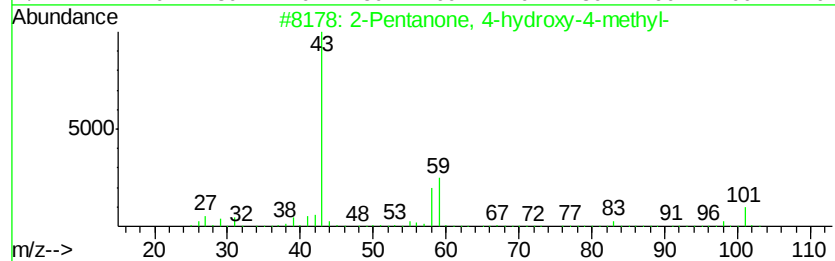
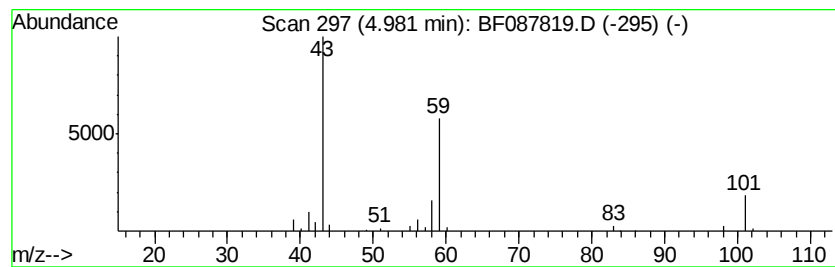
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
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TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.98	2.53 ng	81782	1,4-Dichlorobenzene-d4	6.82

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2		000123-42-2	59
2	3-Hexanol	102	C6H14O		000623-37-0	33
3	4-Penten-2-one, 4-methyl-	98	C6H10O		003744-02-3	9
4	5-Hexen-2-one	98	C6H10O		000109-49-9	9
5	2,3-Butanedione, monooxime	101	C4H7NO2		000057-71-6	9



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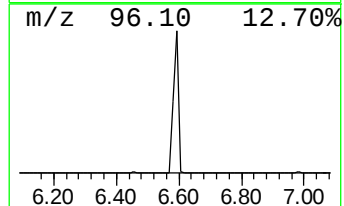
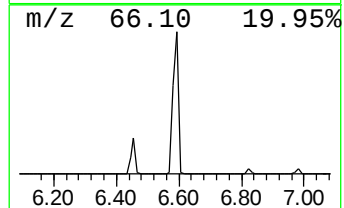
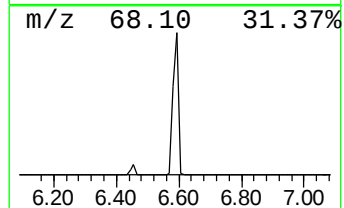
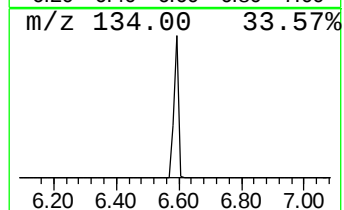
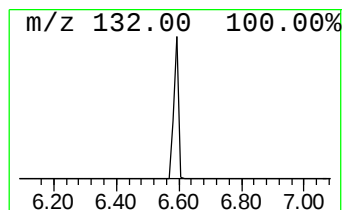
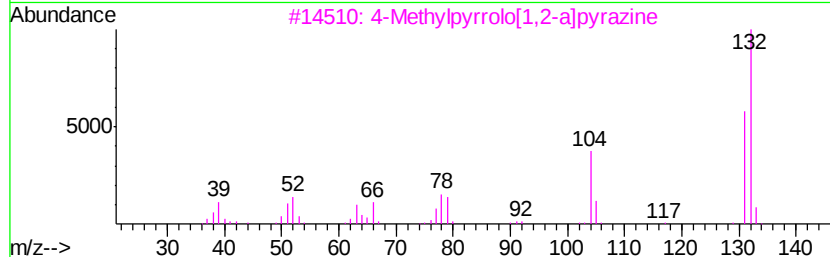
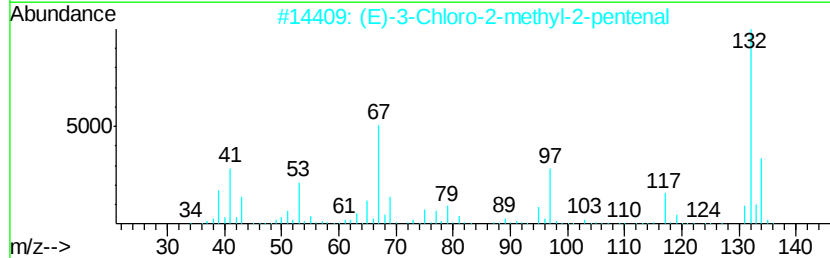
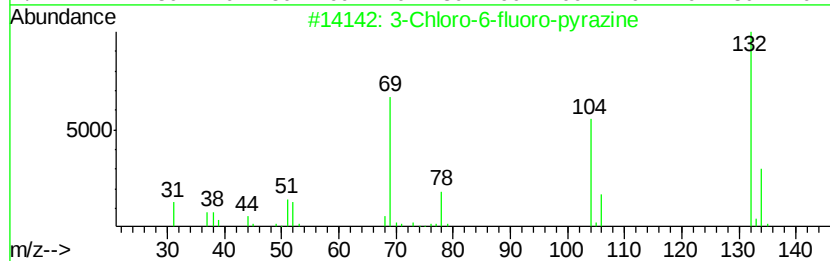
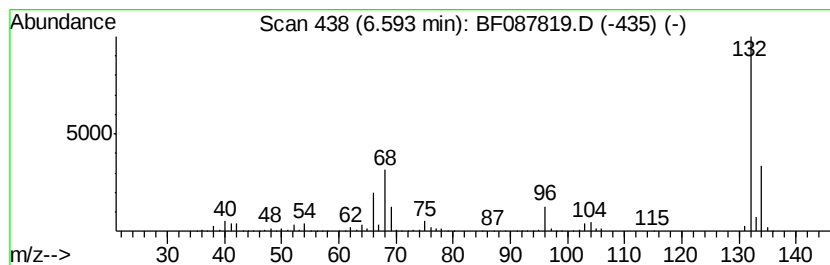
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TIC Library : C:\Database\NIST11.L
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Peak Number 4 unknown6.59 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.59	30.34 ng	979700	1,4-Dichlorobenzene-d4	6.82

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	17
3		4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9
4		4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9
5		4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9



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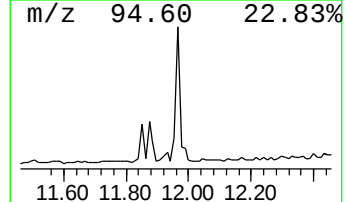
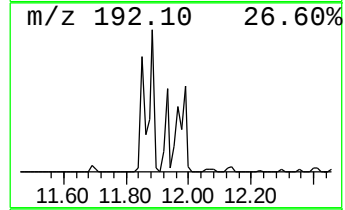
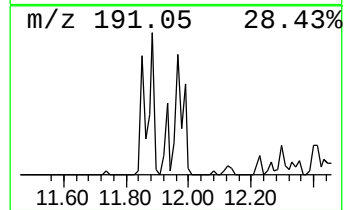
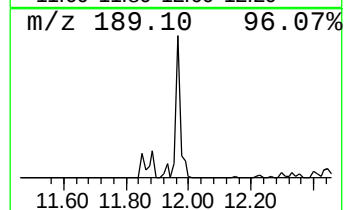
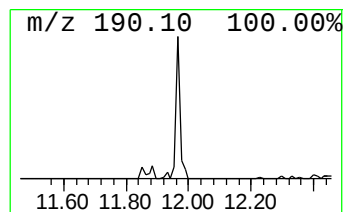
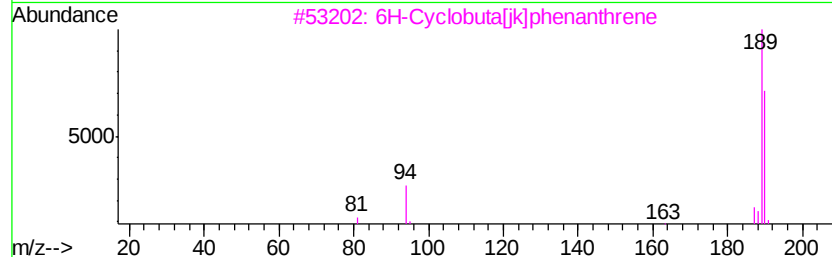
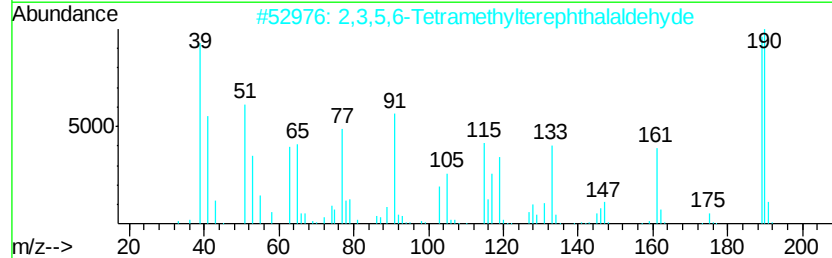
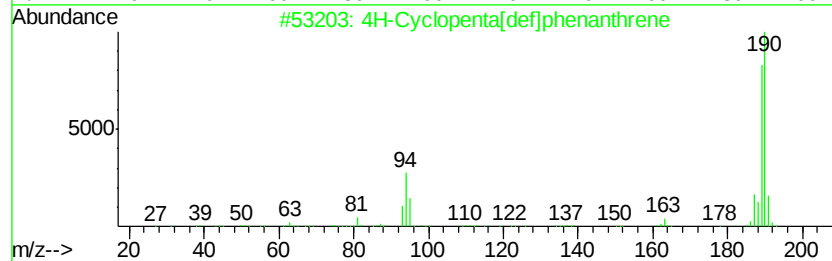
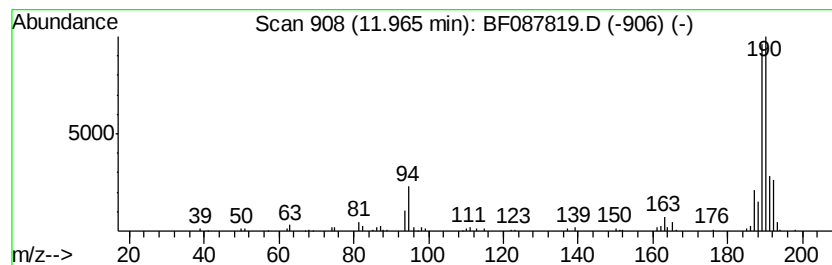
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Peak Number 7 4H-Cyclopenta[def]phenanthrene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.96	3.01 ng	163618	Phenanthrene-d10	11.35

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	94
2		2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	50
3		6H-Cyclobuta[ik]phenanthrene	190	C15H10	083469-43-6	50
4		Methyl diselenide	190	C2H6Se2	007101-31-7	49
5		2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	45



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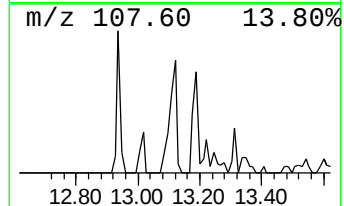
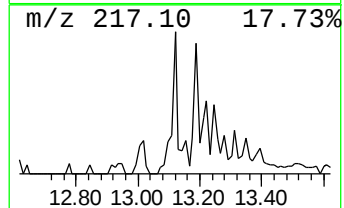
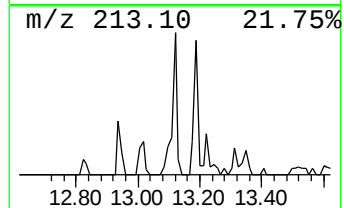
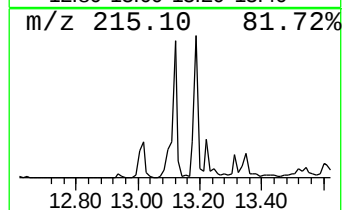
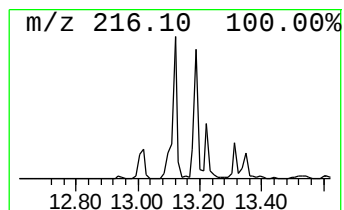
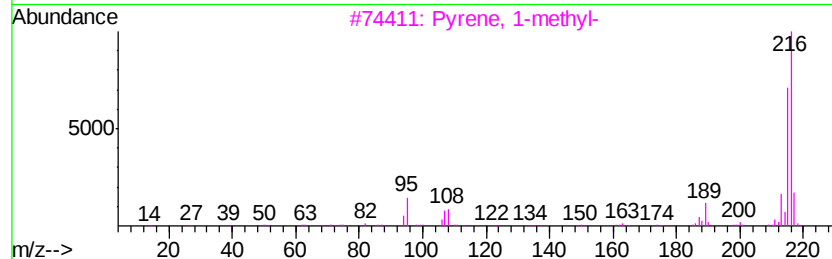
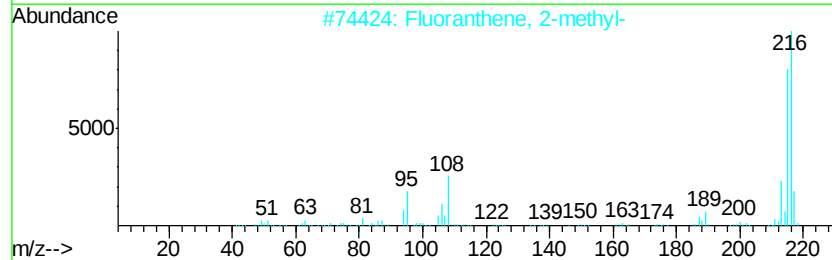
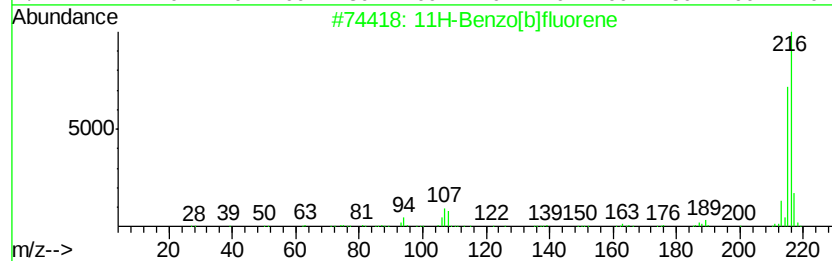
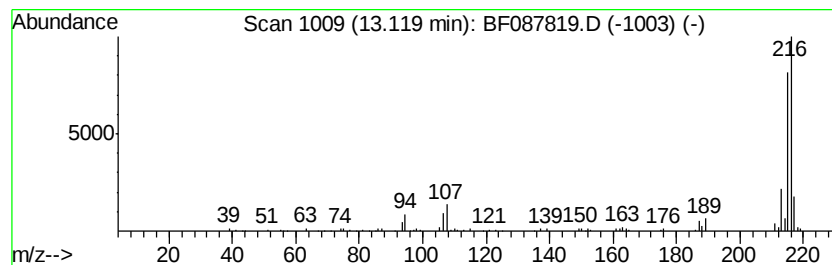
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Peak Number 8 11H-Benzo[b]fluorene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.12	2.13 ng	157350	Chrysene-d12	13.99

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		11H-Benzo[b]fluorene	216	C17H12	000243-17-4	97
2		Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	95
3		Pyrene, 1-methyl-	216	C17H12	002381-21-7	94
4		11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
5		Pyrene, 2-methyl-	216	C17H12	003442-78-2	86



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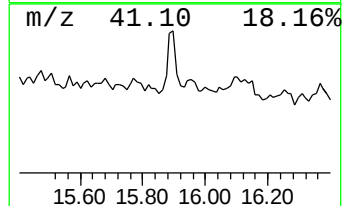
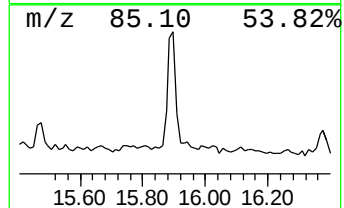
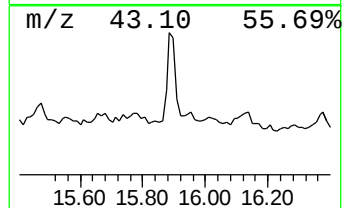
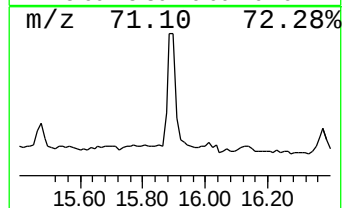
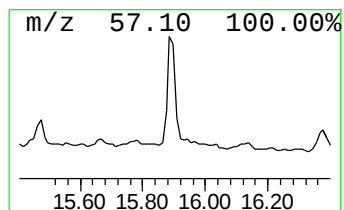
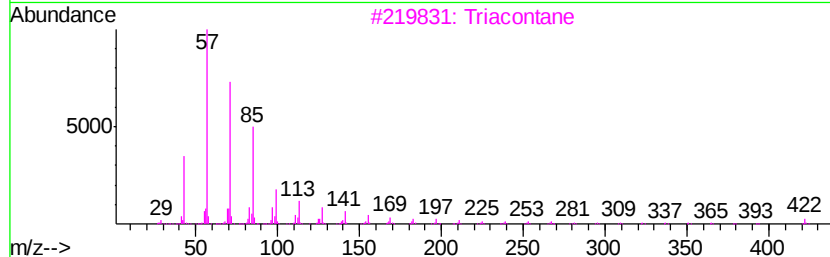
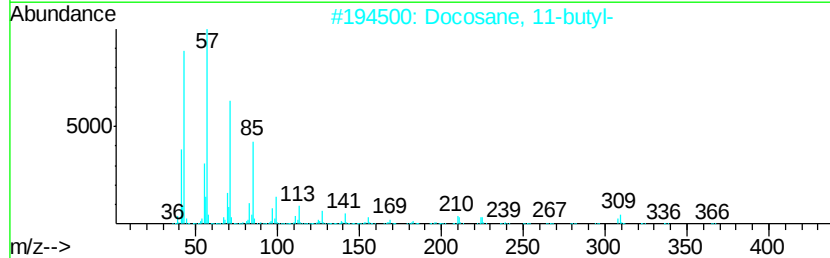
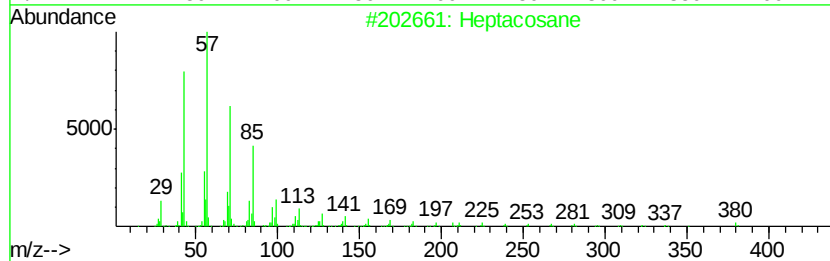
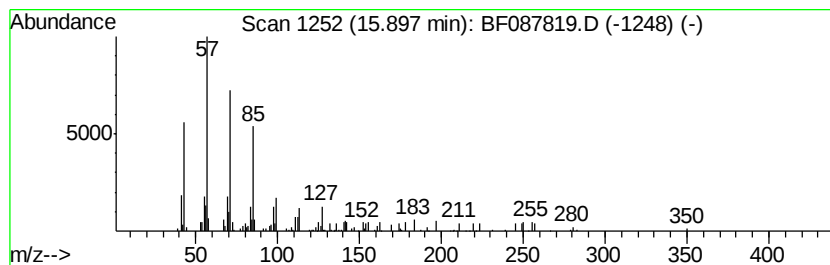
Instrument :
BNA_F
ClientSampleId :
SS-24

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Heptacosane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.	
15.90	2.94 ng	102306	Perylene-d12	15.42	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	90
2	Docosane, 11-butyl-	366	C26H54	013475-76-8	87
3	Triacontane	422	C30H62	000638-68-6	87
4	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	87
5	Eicosane, 7-hexyl-	366	C26H54	055333-99-8	87



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060816\
Data File : BF087819.D
Acq On : 8 Jun 2016 19:49
Operator : UM/SJ
Sample : H3378-15 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SS-24

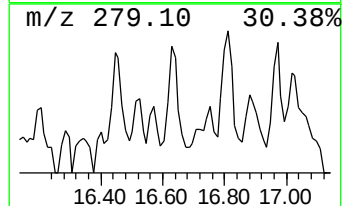
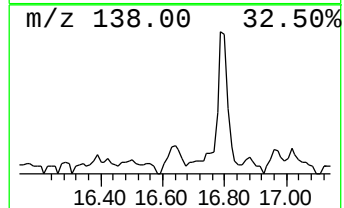
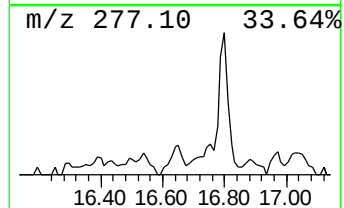
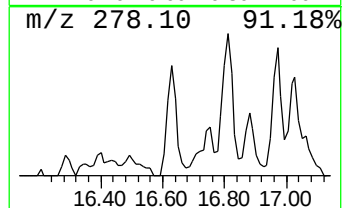
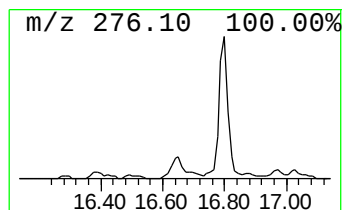
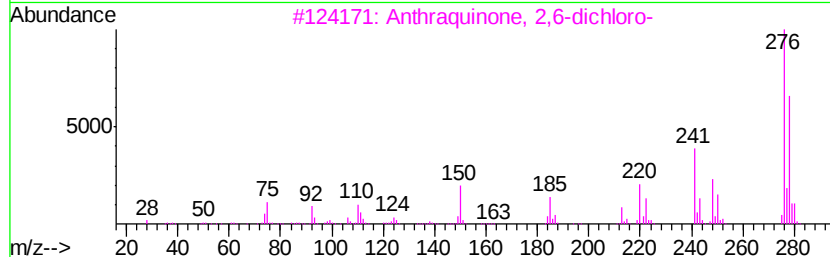
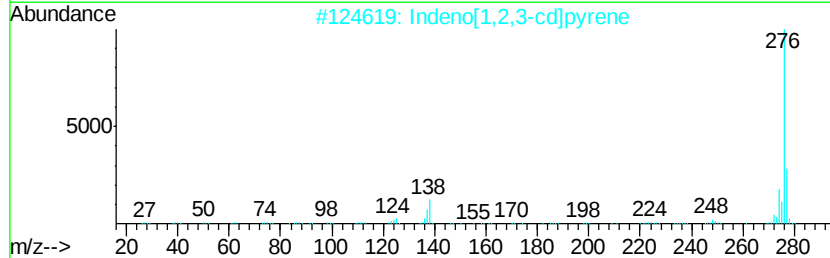
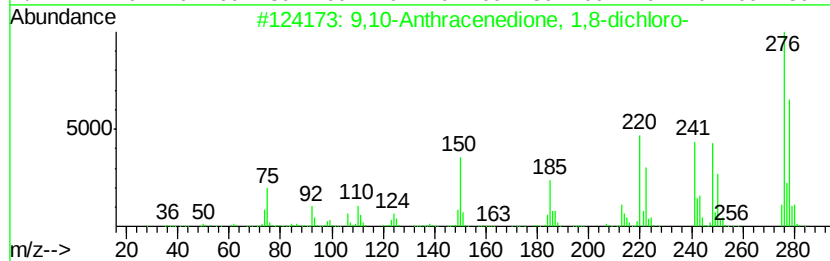
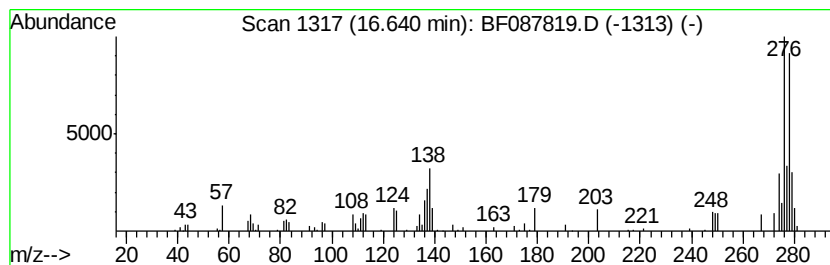
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 9,10-Anthracenedione, 1,8-d... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.64	2.22 ng	77218	Perylene-d12	15.42

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9,10-Anthracenedione, 1,8-dichloro-	276	C14H6Cl2O2	000082-43-9	72
2		Indeno[1,2,3-cd]pyrene	276	C22H12	000193-39-5	46
3		Anthraquinone, 2,6-dichloro-	276	C14H6Cl2O2	000605-40-3	45
4		8-Methoxy-quinoline-5-sulfonic a...	278	C13H14N2O3S	1000274-64-1	43
5		Dibenzo[def,mno]chrysene	276	C22H12	000191-26-4	41



Data Path : Z:\HPCHEM1\BNA F\DATA\BF060816\
Data File : BF087819.D
Acq On : 8 Jun 2016 19:49
Operator : UM/SJ
Sample : H3378-15 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

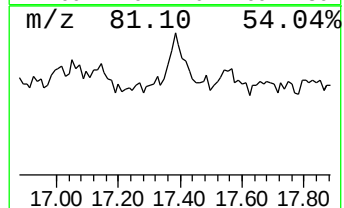
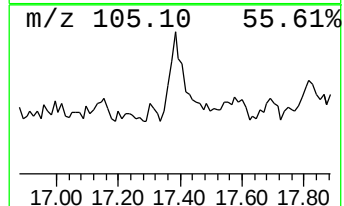
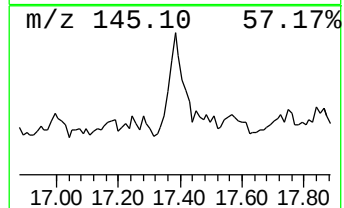
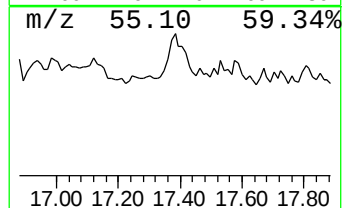
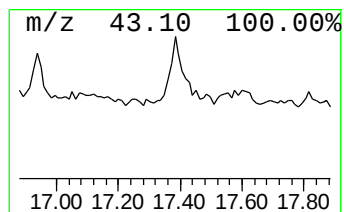
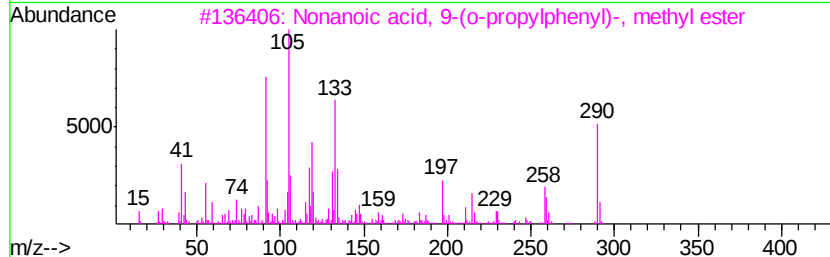
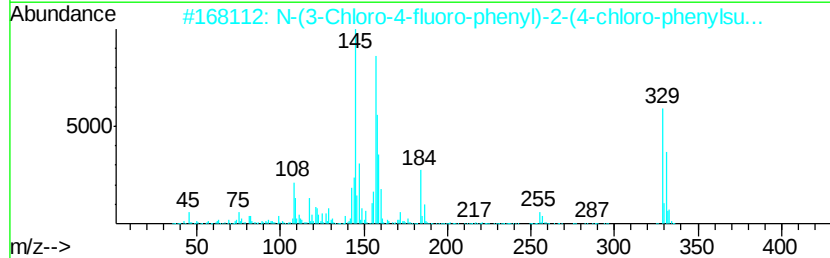
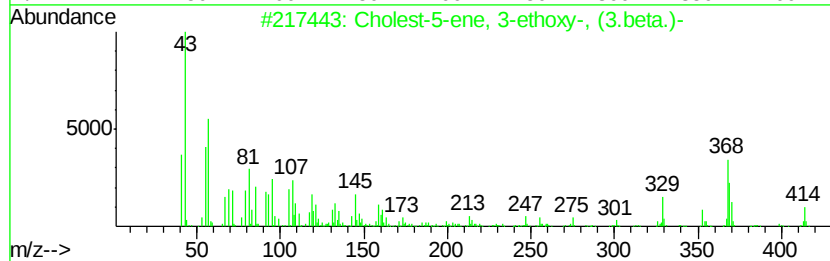
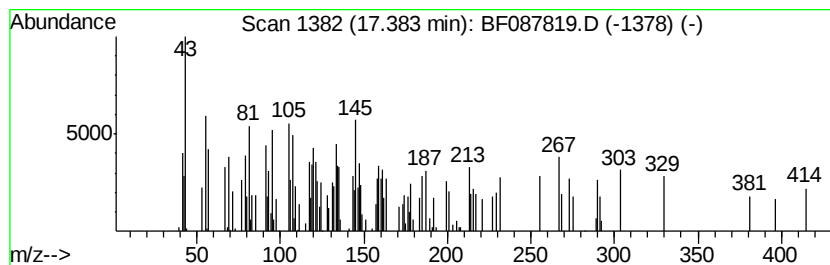
Instrument :
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 unknown17.38 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.38	3.52 ng	122540	Perylene-d12	15.42
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Cholest-5-ene, 3-ethoxy-, (3.beta...	414 C29H50O	000986-19-6 11
2		N-(3-Chloro-4-fluoro-phenyl)-2-(...	329 C14H10Cl2FNOS	1000295-12-7 9
3		Nonanoic acid, 9-(o-propylphenyl)...	290 C19H30O2	017670-86-9 9
4		1,3,4-Thiadiazol-2-amine, 5-trif...	273 C11H10F3N3S	1000267-89-8 9
5		.beta.-Sitosterol acetate	456 C31H52O2	000915-05-9 9



Data Path : Z:\HPCHEM1\BNA F\DATA\BF060816\
Data File : BF087819.D
Acq On : 8 Jun 2016 19:49
Operator : UM/SJ
Sample : H3378-15 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SS-24

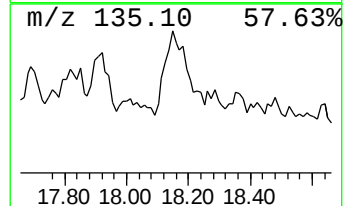
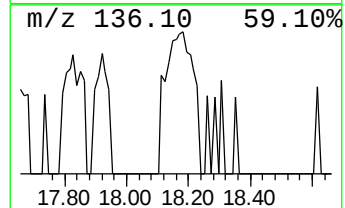
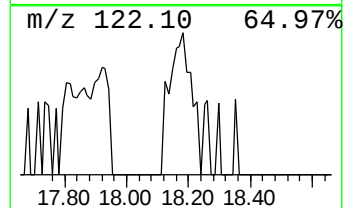
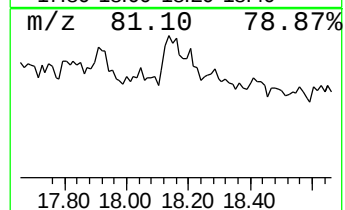
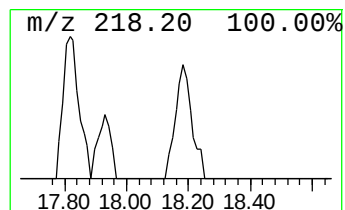
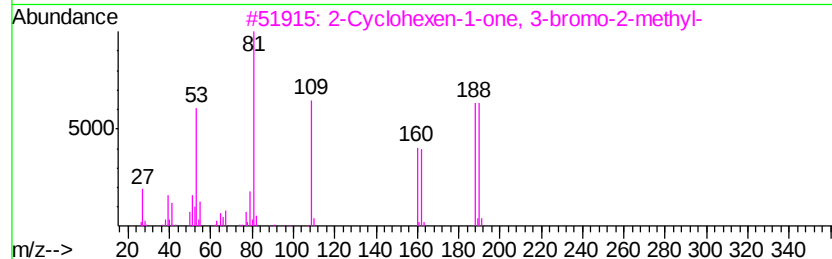
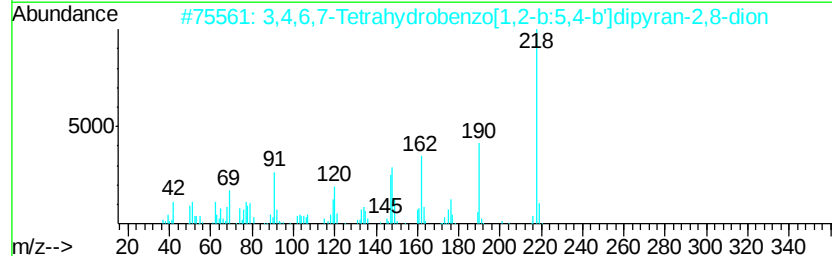
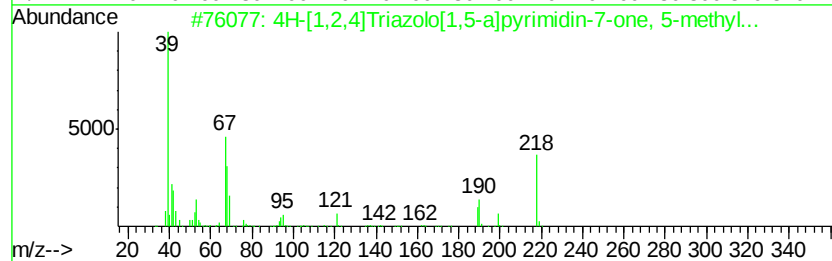
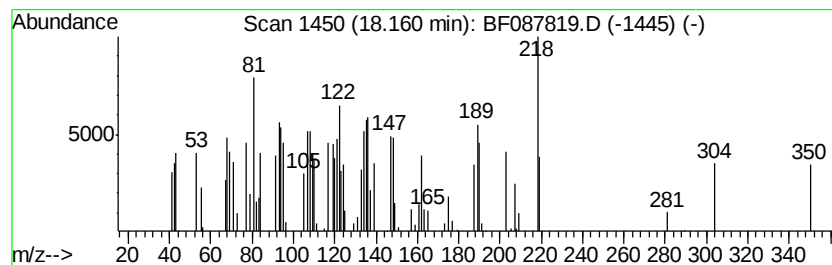
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 unknown18.16 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.16	3.25 ng	113131	Perylene-d12	15.42

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4H-[1,2,4]Triazolo[1,5-a]pyrimid...	218	C7H5F3N4O	1000304-79-4	43
2		3,4,6,7-Tetrahydrobenzo[1,2-b:5,...	218	C12H10O4	019839-03-3	30
3		2-Cyclohexen-1-one, 3-bromo-2-me...	188	C7H9BrO	056671-83-1	27
4		1H-Pyrimidin-2-one, 3-furan-2-yl...	236	C9H8N4O4	1000303-29-7	25
5		2,3-Diethoxyquinoxaline	218	C12H14N2O2	057050-66-5	22



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060816\
Data File : BF087819.D
Acq On : 8 Jun 2016 19:49
Operator : UM/SJ
Sample : H3378-15 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SS-24

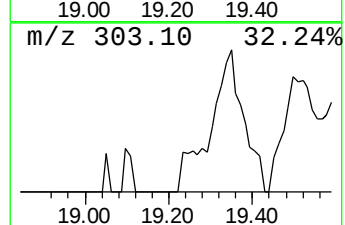
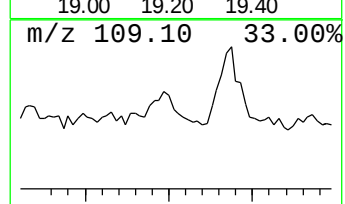
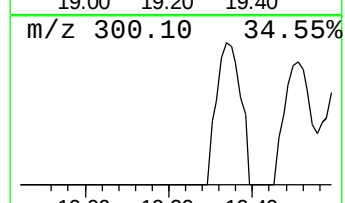
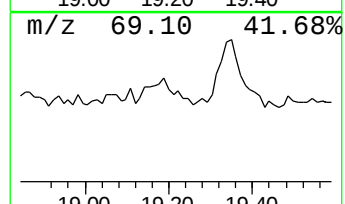
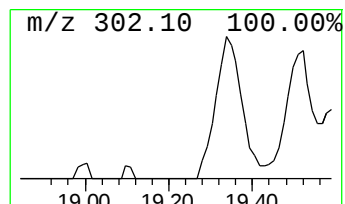
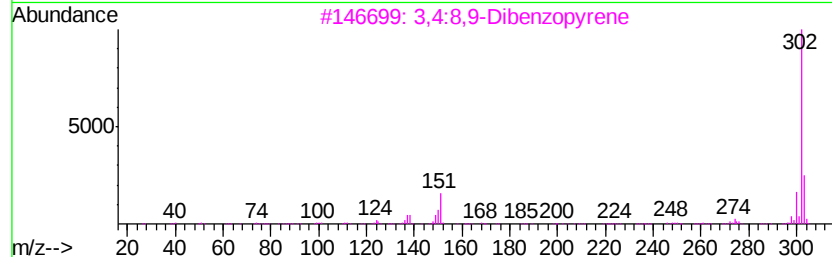
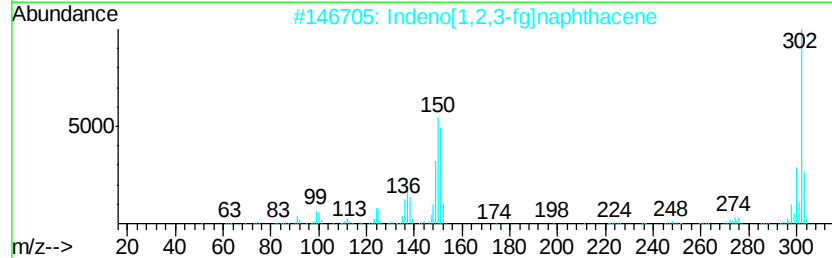
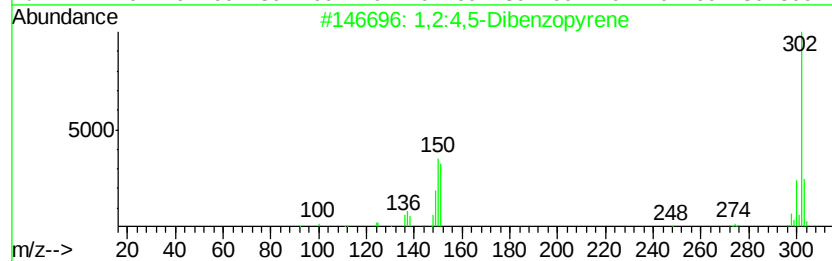
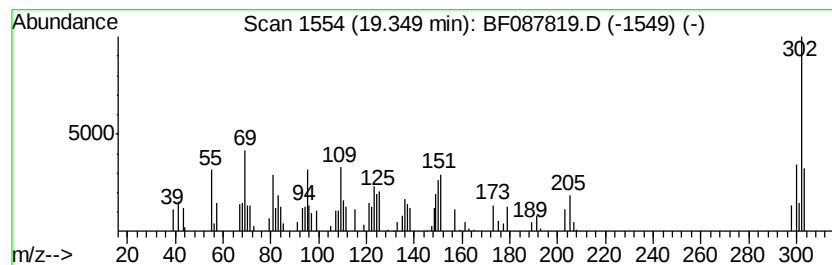
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 1,2:4,5-Dibenzopyrene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.35	3.46 ng	120342	Perylene-d12	15.42

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,2:4,5-Dibenzopyrene	302	C24H14	000192-65-4	50
2			Indeno[1,2,3-fg]naphthacene	302	C24H14	000203-11-2	49
3			3,4:8,9-Dibenzopyrene	302	C24H14	000189-64-0	49
4			1,2,9,10-Dibenzopyrene	302	C24H14	000191-30-0	43
5			Coronene, 1,2-dihydro-	302	C24H14	107716-56-3	38



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060816\
Data File : BF087819.D
Acq On : 8 Jun 2016 19:49
Operator : UM/SJ
Sample : H3378-15 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.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
2-Pentanone, 4-hy...	4.98	2.5	ng	81782	1	6.82	645869	20.0
unknown6.59	6.59	30.3	ng	979700	1	6.82	645869	20.0
4H-Cyclopenta[def...	11.96	3.0	ng	163618	4	11.35	1088780	20.0
11H-Benzo[b]fluorene	13.12	2.1	ng	157350	5	13.99	1474340	20.0
Heptacosane	15.90	2.9	ng	102306	6	15.42	696273	20.0
9,10-Anthracenedi...	16.64	2.2	ng	77218	6	15.42	696273	20.0
unknown17.38	17.38	3.5	ng	122540	6	15.42	696273	20.0
unknown18.16	18.16	3.3	ng	113131	6	15.42	696273	20.0
1,2:4,5-Dibenzopy...	19.35	3.5	ng	120342	6	15.42	696273	20.0