

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122618\
 Data File : BF111737.D
 Acq On : 27 Dec 2018 2:02
 Operator : JU/SJ
 Sample : J6388-14
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P001-SS011-0006-01

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:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121918.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	2.234	18	25	30	rVB	50371	72347	1.89%	0.175%
2	3.469	233	235	246	rBV	59526	108266	2.82%	0.262%
3	4.022	324	329	337	rVB	94060	118856	3.10%	0.288%
4	5.139	512	519	525	rBV	146050	184511	4.81%	0.447%
5	5.545	583	588	591	rBV	3533765	3570147	93.08%	8.640%
6	6.551	753	759	763	rBV	3617465	3835602	100.00%	9.282%
7	6.681	777	781	785	rBV	3876352	3694641	96.32%	8.941%
8	6.904	816	819	823	rBV	1030326	823727	21.48%	1.993%
9	7.063	842	846	849	rBV	3451288	2899110	75.58%	7.016%
10	7.463	909	914	917	rBV	2504009	2295589	59.85%	5.555%
11	8.186	1033	1037	1041	rBV	1107775	921391	24.02%	2.230%
12	9.216	1209	1212	1215	rVB	146785	115887	3.02%	0.280%
13	9.263	1215	1220	1223	rBV	3618343	3275278	85.39%	7.926%
14	9.498	1256	1260	1265	rBV	62824	67022	1.75%	0.162%
15	9.645	1282	1285	1291	rVB	253094	239912	6.25%	0.581%
16	9.939	1328	1335	1339	rBV	1009342	959508	25.02%	2.322%
17	10.069	1351	1357	1361	rBV	112447	113479	2.96%	0.275%
18	10.186	1374	1377	1381	rVB2	45521	40131	1.05%	0.097%
19	10.733	1465	1470	1473	rBV	2408567	2174860	56.70%	5.263%
20	11.074	1525	1528	1532	rBV3	47256	57188	1.49%	0.138%
21	11.139	1534	1539	1543	rVV4	23279	40320	1.05%	0.098%
22	11.251	1556	1558	1562	rBV3	59771	50716	1.32%	0.123%
23	11.427	1584	1588	1591	rBV	1119287	890505	23.22%	2.155%
24	11.474	1594	1596	1599	rVB2	40672	39306	1.02%	0.095%
25	11.951	1674	1677	1684	rVB	138025	126018	3.29%	0.305%
26	12.039	1690	1692	1695	rBV3	43903	41005	1.07%	0.099%
27	12.215	1719	1722	1729	rBV8	34054	53095	1.38%	0.128%
28	12.468	1762	1765	1769	rBV4	40693	47710	1.24%	0.115%
29	12.557	1775	1780	1784	rVB3	178007	218981	5.71%	0.530%
30	12.739	1807	1811	1814	rBV	238567	240297	6.26%	0.582%
31	12.886	1834	1836	1842	rVB	116882	136488	3.56%	0.330%
32	13.010	1853	1857	1862	rVB	3124926	2832065	73.84%	6.854%
33	13.110	1870	1874	1876	rBV	231424	223567	5.83%	0.541%
34	13.133	1876	1878	1885	rVV4	116197	141291	3.68%	0.342%

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Integration Parameters: rteint.p
 Integrator: RTE
 Smoothing : ON Filtering: 5
 Sampling : 1 Min Area: 3 % of largest Peak
 Start Thrs: 0.2 Max Peaks: 100
 Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
 Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121918.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	13.198	1886	1889	1893	rBV	737127	706893	18.43%	1.711%
36	13.280	1901	1903	1906	rBV3	49962	46720	1.22%	0.113%
37	13.333	1910	1912	1918	rVV3	100399	121008	3.15%	0.293%
38	13.386	1918	1921	1924	rVB	828404	705175	18.38%	1.707%
39	13.421	1924	1927	1930	rBV	180946	176888	4.61%	0.428%
40	13.492	1936	1939	1948	rBV3	331981	354410	9.24%	0.858%
41	13.604	1952	1958	1962	rVB2	493266	654712	17.07%	1.584%
42	13.639	1962	1964	1967	rBV2	76192	59705	1.56%	0.144%
43	13.704	1972	1975	1979	rBV2	439236	385657	10.05%	0.933%
44	13.751	1980	1983	1986	rBV	178773	167618	4.37%	0.406%
45	13.892	2004	2007	2012	rBV3	623533	981728	25.60%	2.376%
46	13.951	2015	2017	2018	rBV	201386	158664	4.14%	0.384%
47	14.068	2034	2037	2039	rVB	879032	765088	19.95%	1.852%
48	14.098	2039	2042	2046	rVB	690229	579296	15.10%	1.402%
49	14.315	2077	2079	2082	rBV	272842	254054	6.62%	0.615%
50	14.404	2092	2094	2101	rBV5	135625	166068	4.33%	0.402%
51	14.533	2113	2116	2123	rVB	738766	777552	20.27%	1.882%
52	14.992	2191	2194	2197	rVB	322000	301441	7.86%	0.729%
53	15.192	2225	2228	2231	rBV	766493	977028	25.47%	2.364%
54	15.551	2286	2289	2293	rBV	451208	557362	14.53%	1.349%
55	15.786	2326	2329	2341	rVB	508485	750447	19.57%	1.816%
56	16.027	2367	2370	2375	rVB	337881	500528	13.05%	1.211%
57	16.845	2506	2509	2522	rVB3	255916	525426	13.70%	1.272%

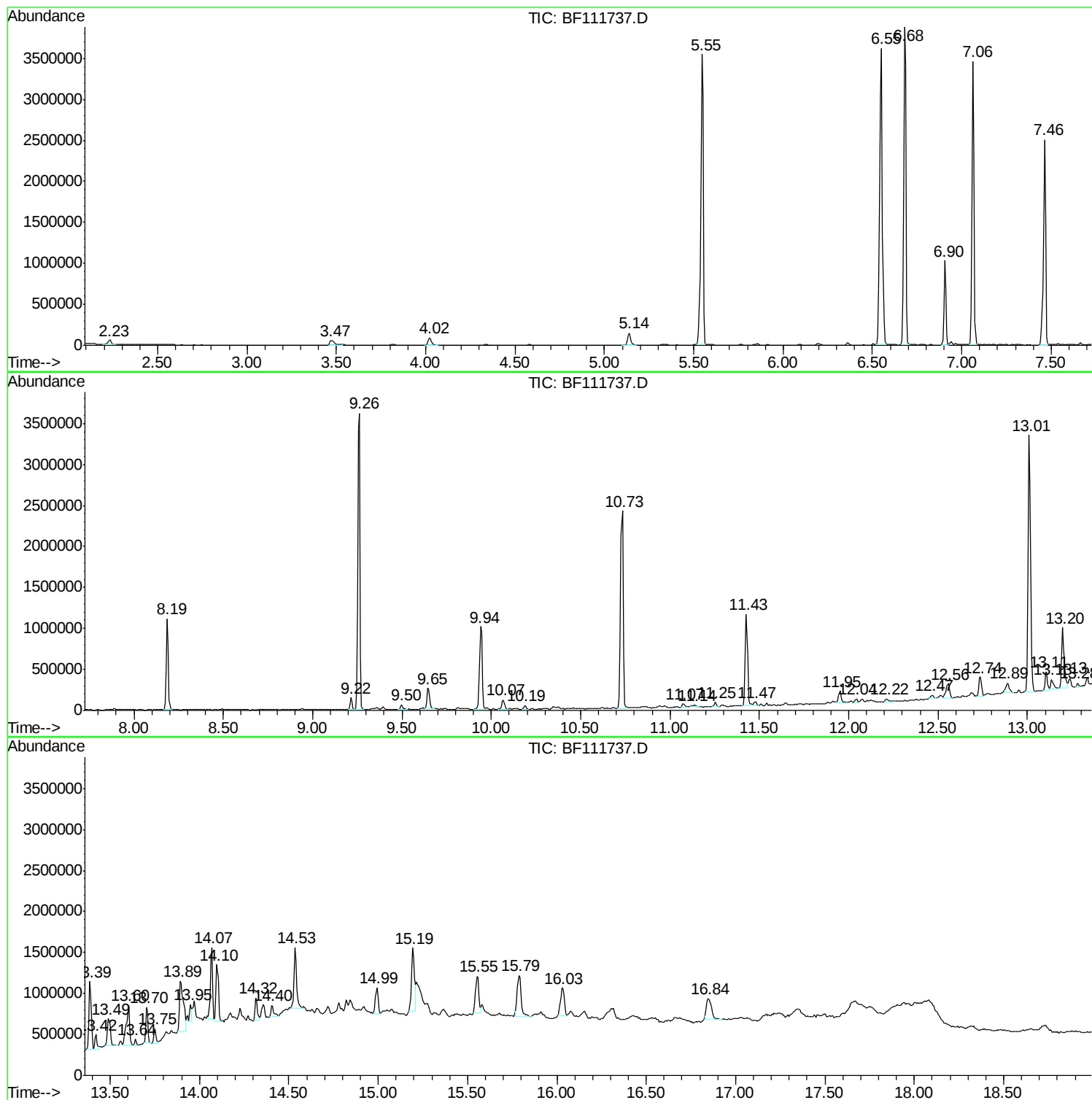
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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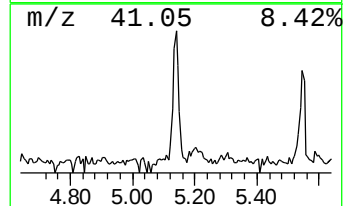
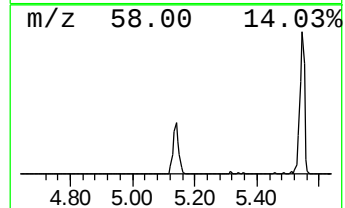
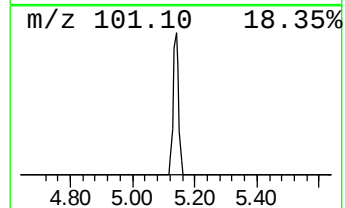
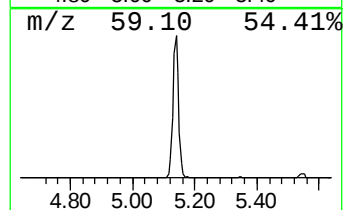
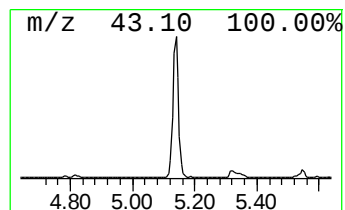
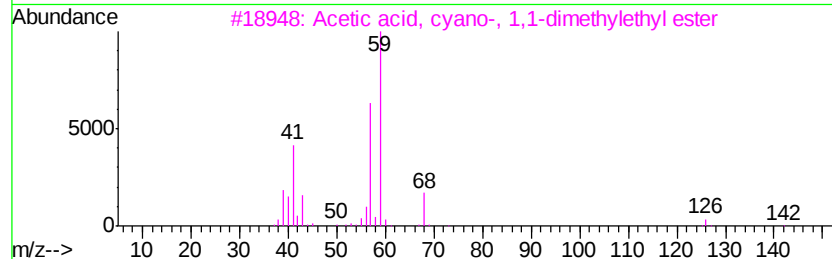
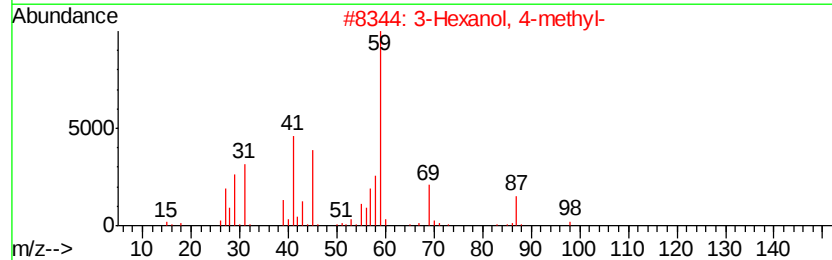
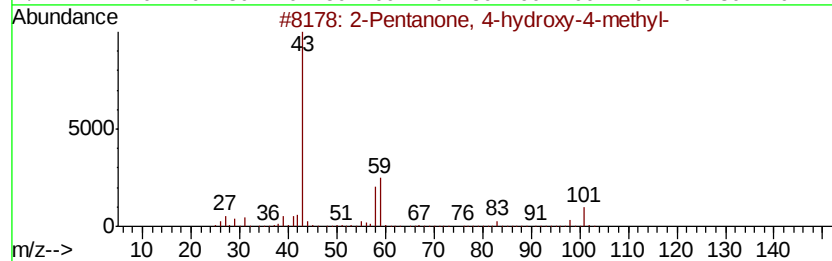
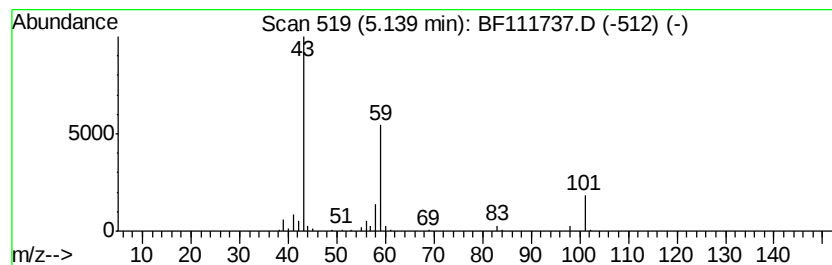
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.14	4.48 ng	184511	1,4-Dichlorobenzene-d4	6.90

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2			3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
3			Acetic acid, cyano-, 1,1-dimethyl...	141	C7H11NO2	001116-98-9	25
4			3-Hydroxy-3-methyl-2-butanone	102	C5H10O2	000115-22-0	23
5			Propane, 2-ethoxy-2-methyl-	102	C6H14O	000637-92-3	23



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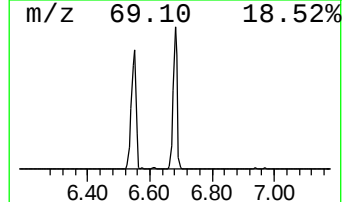
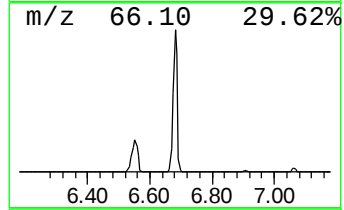
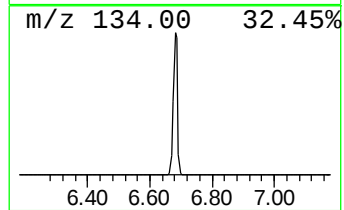
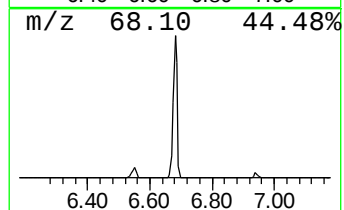
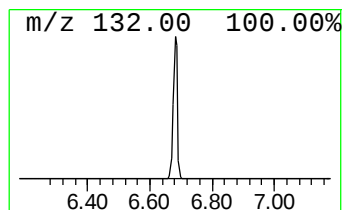
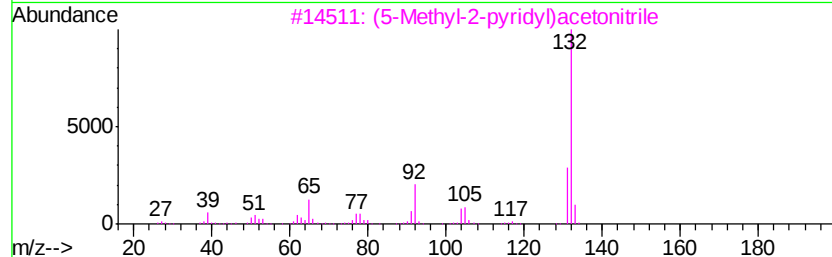
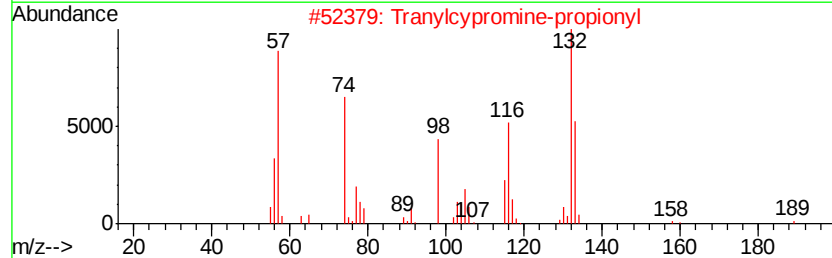
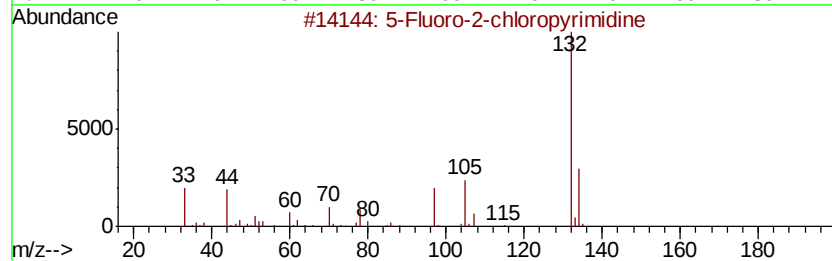
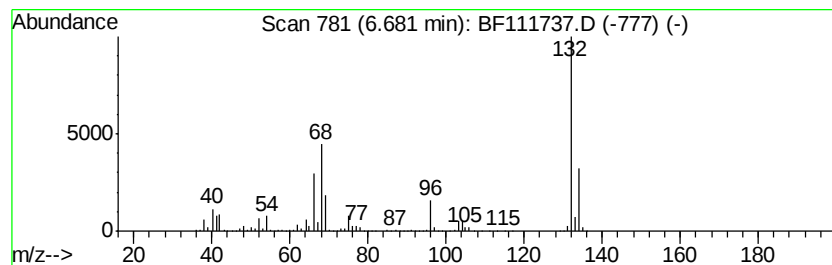
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 unknown6.68 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.68	89.71 ng	3694640	1,4-Dichlorobenzene-d4	6.90

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
2		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
3		(5-Methyl-2-pyridyl)acetonitrile	132	C8H8N2	1000241-93-9	10
4		1,3,5-Trifluorobenzene	132	C6H3F3	000372-38-3	9
5		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9



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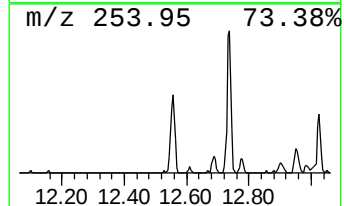
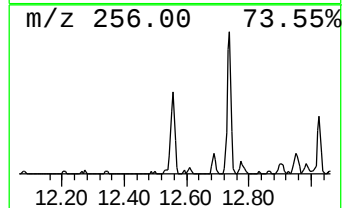
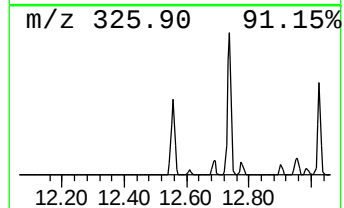
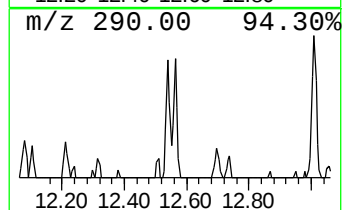
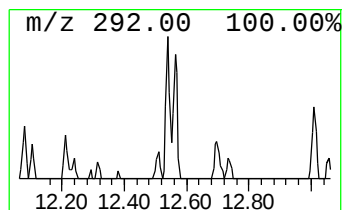
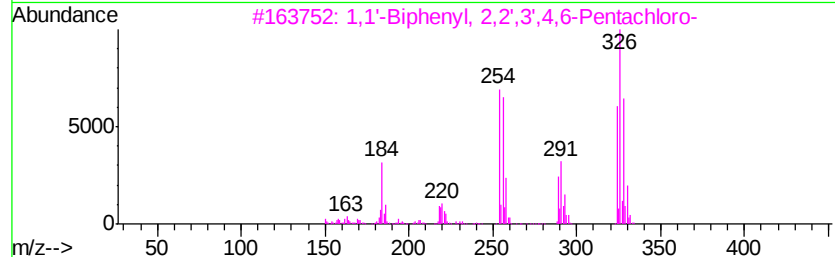
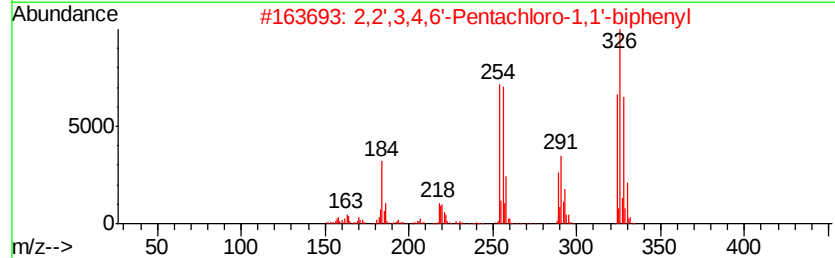
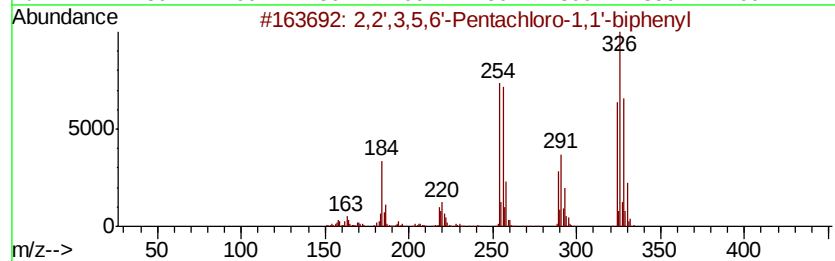
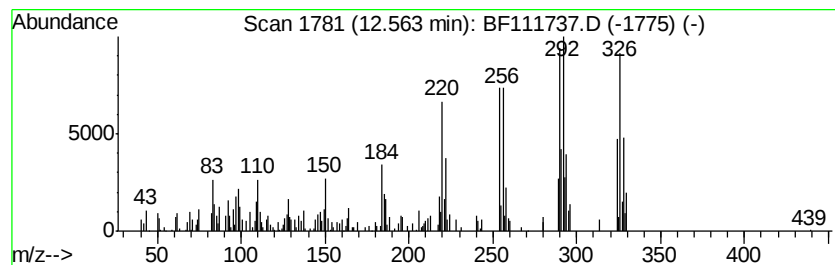
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 2,2',3,5,6'-Pentachloro-1,1... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.56	4.92 ng	218981	Phenanthrene-d10	11.43	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2',3,5,6'-Pentachloro-1,1'-bip...	324	C12H5Cl5	073575-55-0	99
2	2,2',3,4,6'-Pentachloro-1,1'-bip...	324	C12H5Cl5	073575-57-2	99
3	1,1'-Biphenyl, 2,2',3',4,6-Penta...	324	C12H5Cl5	060233-25-2	99
4	1,1'-Biphenyl, 2,2',3,3',6-penta...	324	C12H5Cl5	052663-60-2	99
5	1,1'-Biphenyl, 2,2',3,3',5-penta...	324	C12H5Cl5	060145-20-2	99



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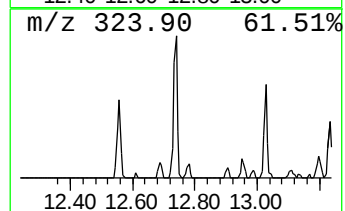
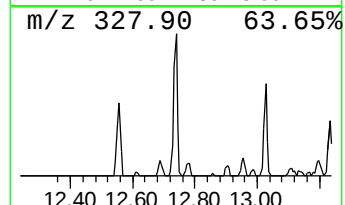
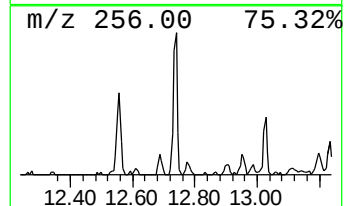
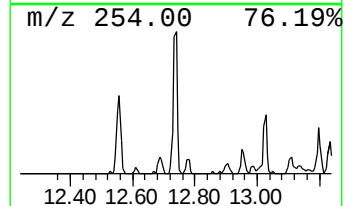
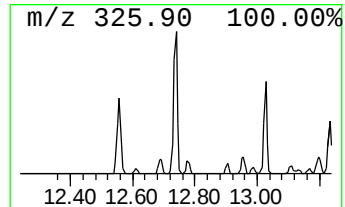
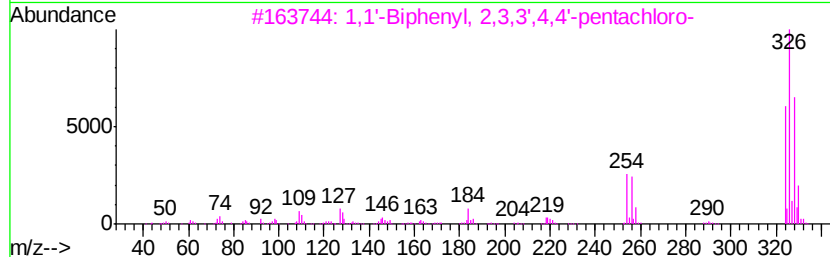
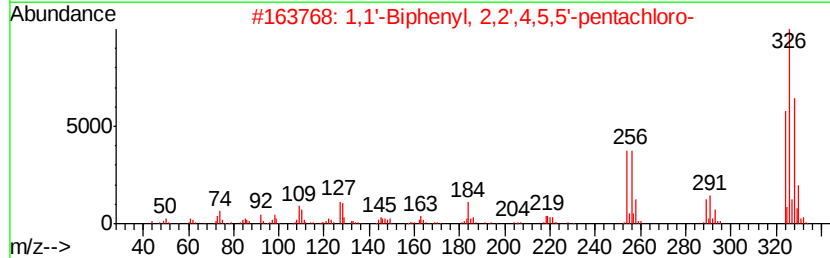
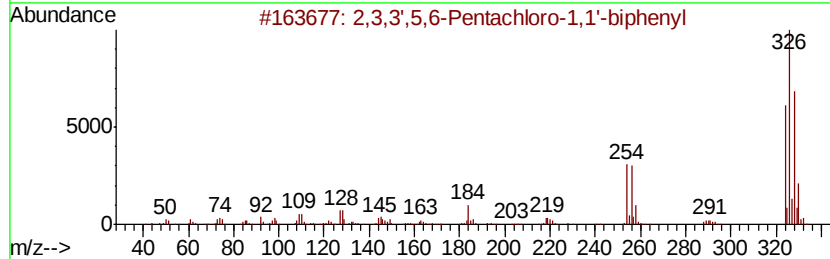
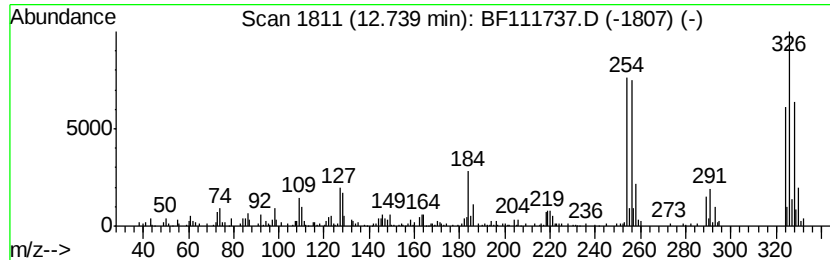
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 2,3,3',5,6-Pentachloro-1,1'... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.74	5.40 ng	240297	Phenanthrene-d10	11.43

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2,3,3',5,6-Pentachloro-1,1'-biph...	324	C12H5Cl5	074472-36-9	99
2		1,1'-Biphenyl, 2,2',4,5,5'-penta...	324	C12H5Cl5	037680-73-2	99
3		1,1'-Biphenyl, 2,3,3',4,4'-penta...	324	C12H5Cl5	032598-14-4	99
4		1,1'-Biphenyl, 2,2',4,6,6'-Penta...	324	C12H5Cl5	056558-16-8	99
5		2,3',4',5',6-Pentachloro-1,1'-bi...	324	C12H5Cl5	074472-39-2	99



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P001-SS011-0006-01

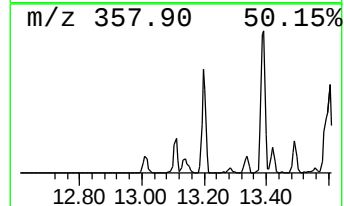
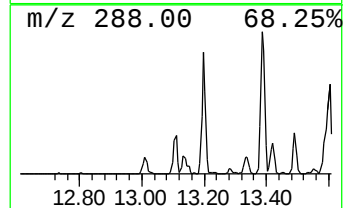
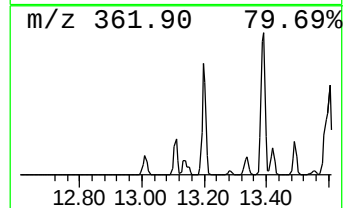
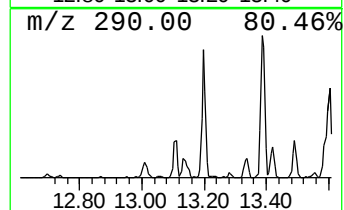
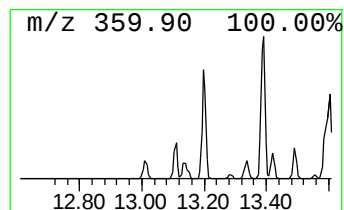
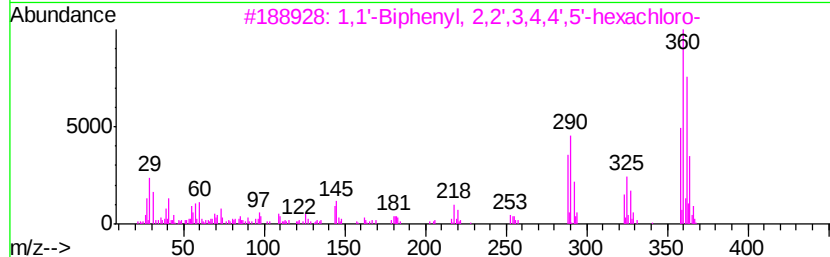
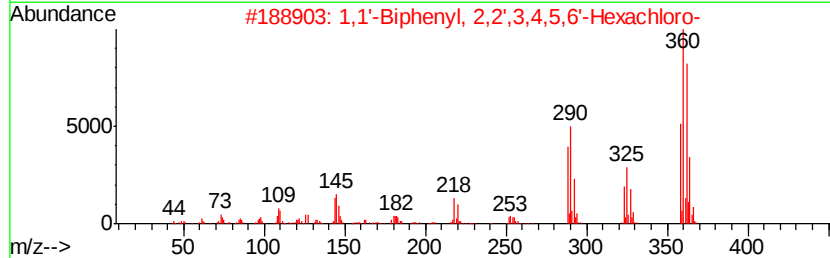
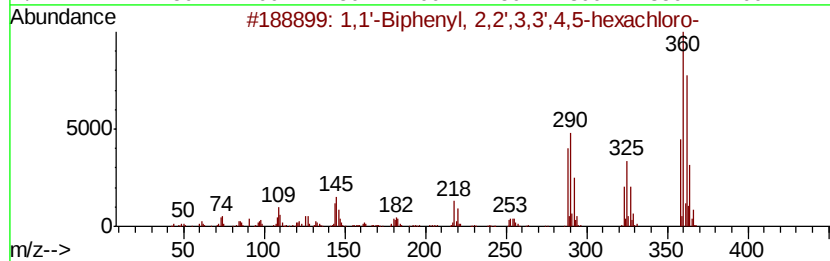
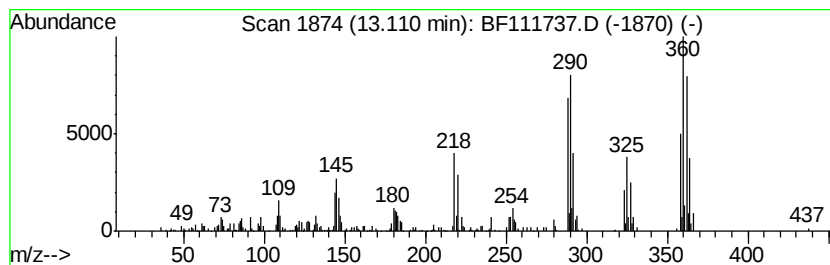
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 1,1'-Biphenyl, 2,2',3,3',4,... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.11	5.84 ng	223567	Chrysene-d12	14.07

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'	-Biphenyl	2,2',3,3',4,5-hex...	358	C12H4Cl6	055215-18-4	99
2	1,1'	-Biphenyl	2,2',3,4,5,6'-Hex...	358	C12H4Cl6	068194-15-0	99
3	1,1'	-Biphenyl	2,2',3,4,4',5'-he...	358	C12H4Cl6	035065-28-2	99
4	2,3,3',4',5',6'-Hexachloro-1,1'-b...	358	C12H4Cl6	074472-45-0	99		
5	2,2',3,4',6,6'-Hexachloro-1,1'-b...	358	C12H4Cl6	068194-08-1	99		



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122618\
Data File : BF111737.D
Acq On : 27 Dec 2018 2:02
Operator : JU/SJ
Sample : J6388-14
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
P001-SS011-0006-01

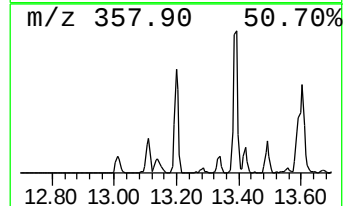
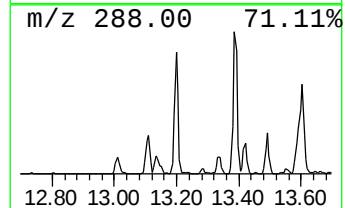
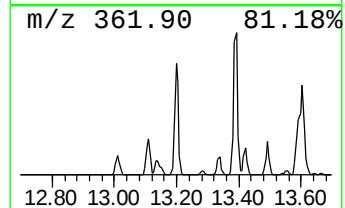
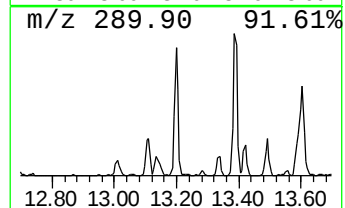
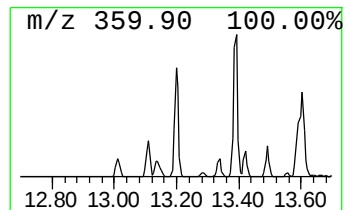
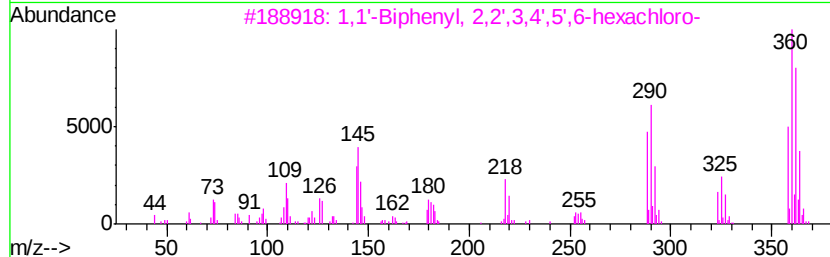
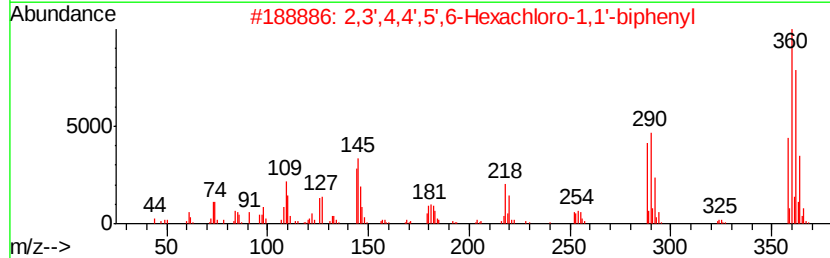
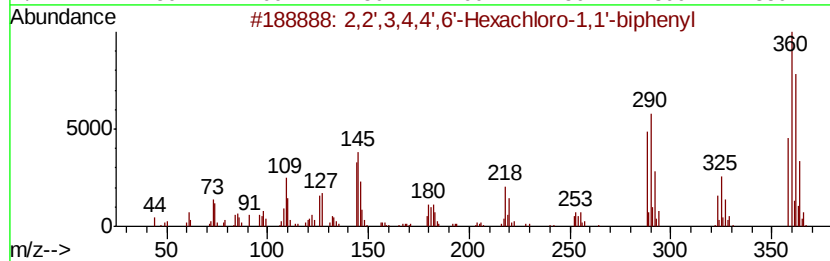
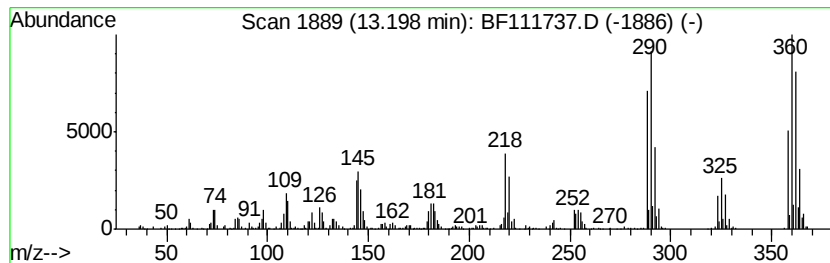
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 2,2',3,4,4',6'-Hexachloro-1... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.20	18.48 ng	706893	Chrysene-d12	14.07

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2,2',3,4,4',6'-Hexachloro-1,1'-b...	358	C12H4Cl6	059291-64-4	99
2		2,3',4,4',5',6-Hexachloro-1,1'-b...	358	C12H4Cl6	059291-65-5	99
3		1,1'-Biphenyl, 2,2',3,4',5',6-he...	358	C12H4Cl6	038380-04-0	99
4		1,1'-Biphenyl, 2,2',3,4',5,5'-he...	358	C12H4Cl6	051908-16-8	99
5		1,1'-Biphenyl, 2,2',3,4,4',5'-he...	358	C12H4Cl6	035065-28-2	99



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122618\
Data File : BF111737.D
Acq On : 27 Dec 2018 2:02
Operator : JU/SJ
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Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
P001-SS011-0006-01

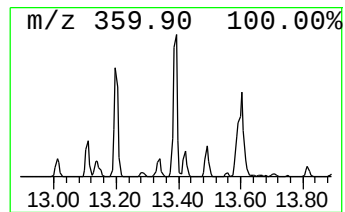
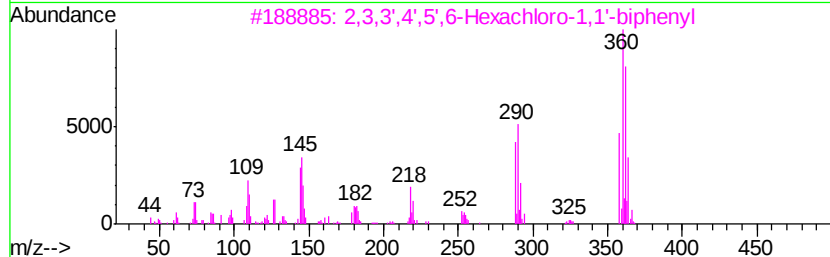
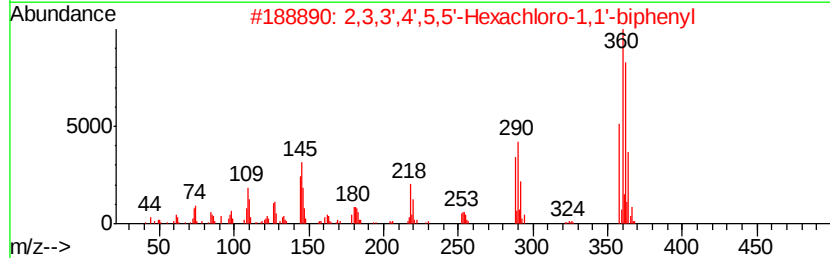
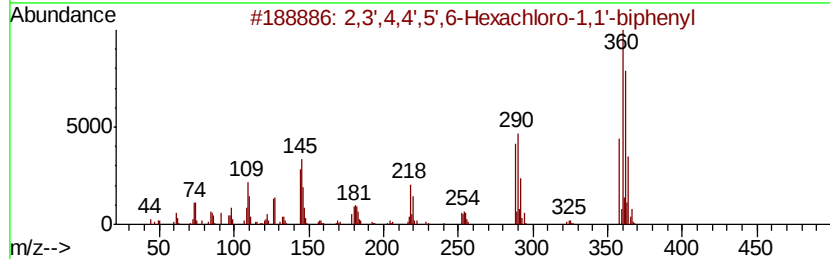
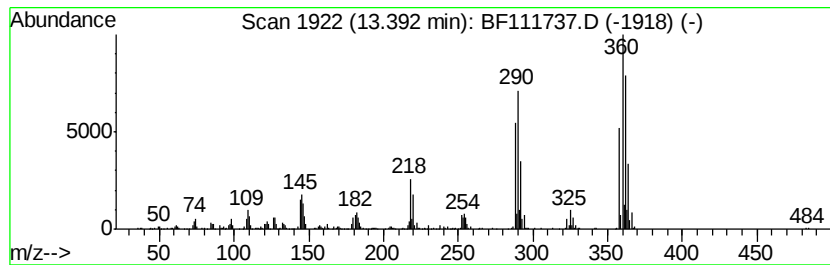
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 2,3',4,4',5',6-Hexachloro-1... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.39	18.43 ng	705175	Chrysene-d12	14.07

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2,3',4,4',5',6-Hexachloro-1,1'-b...	358	C12H4Cl6	059291-65-5	99
2		2,3,3',4',5,5'-Hexachloro-1,1'-b...	358	C12H4Cl6	039635-34-2	99
3		2,3,3',4',5',6-Hexachloro-1,1'-b...	358	C12H4Cl6	074472-45-0	99
4		2,2',3,4',6,6'-Hexachloro-1,1'-b...	358	C12H4Cl6	068194-08-1	99
5		2,3,3',5,5',6-Hexachloro-1,1'-bi...	358	C12H4Cl6	074472-46-1	99



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122618\
Data File : BF111737.D
Acq On : 27 Dec 2018 2:02
Operator : JU/SJ
Sample : J6388-14
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
P001-SS011-0006-01

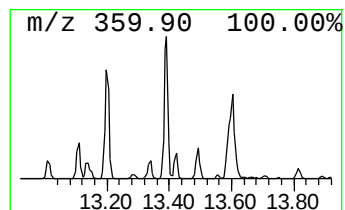
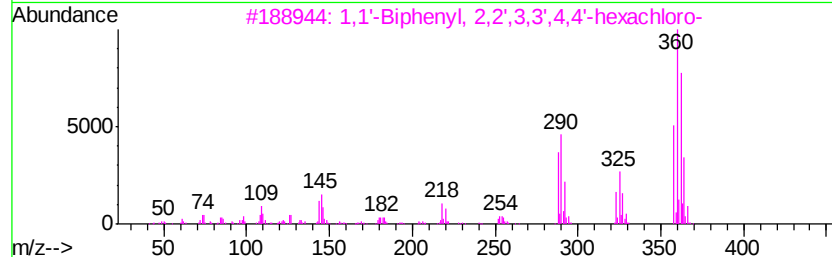
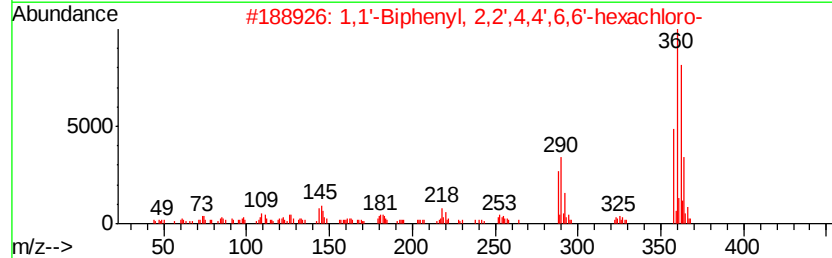
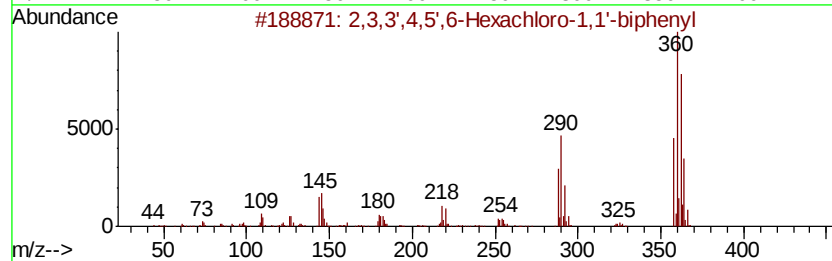
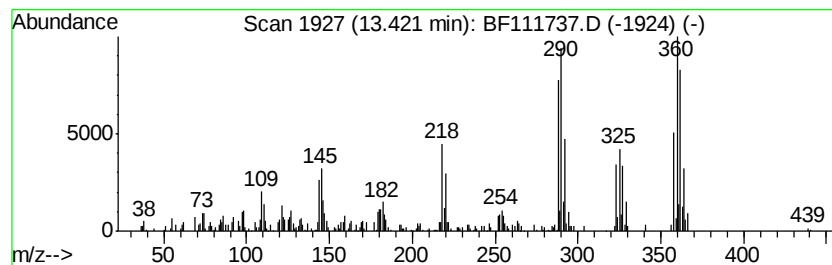
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 2,3,3',4,5',6-Hexachloro-1,... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.42	4.62 ng	176888	Chrysene-d12	14.07

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,3,3',4,5',6-Hexachloro-1,1'-bi...	358	C12H4Cl6	074472-43-8	99		
2	1,1'-Biphenyl, 2,2',4,4',6,6'-he...	358	C12H4Cl6	033979-03-2	99		
3	1,1'-Biphenyl, 2,2',3,3',4,4'-he...	358	C12H4Cl6	038380-07-3	99		
4	1,1'-Biphenyl, 2,2',3,4,4',6-Hex...	358	C12H4Cl6	056030-56-9	99		
5	1,1'-Biphenyl, 2,2',4,4',5,5'-he...	358	C12H4Cl6	035065-27-1	99		



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122618\
Data File : BF111737.D
Acq On : 27 Dec 2018 2:02
Operator : JU/SJ
Sample : J6388-14
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
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ClientSampleId :
P001-SS011-0006-01

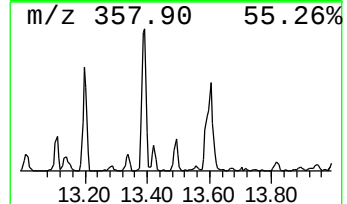
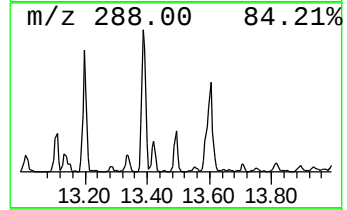
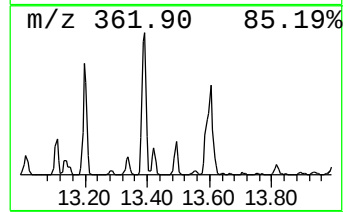
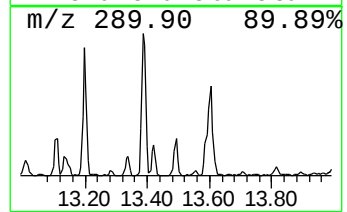
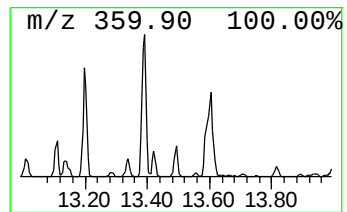
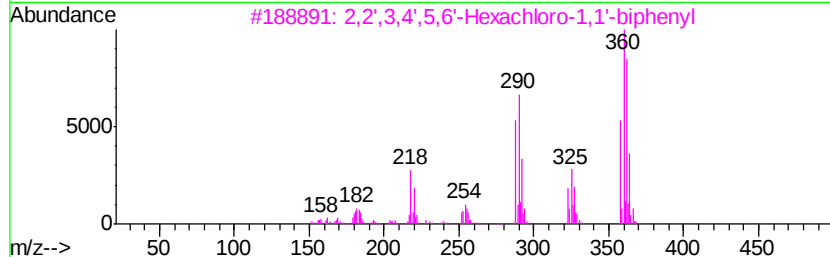
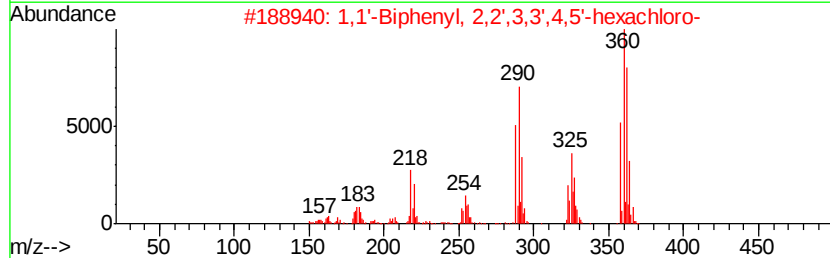
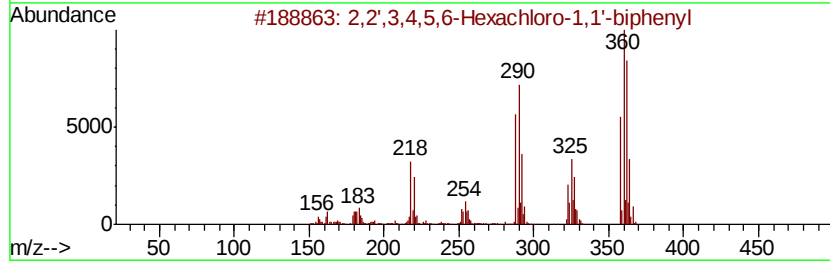
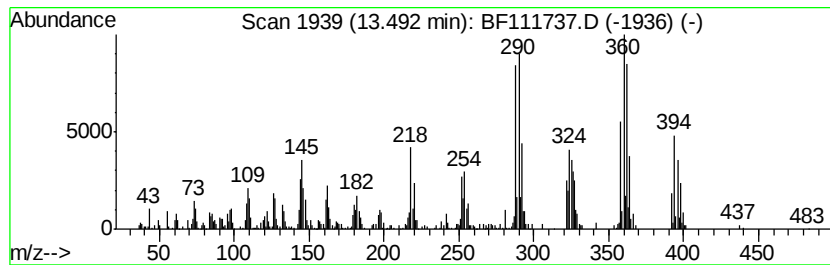
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 2,2',3,4,5,6-Hexachloro-1,1... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.49	9.26 ng	354410	Chrysene-d12	14.07

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2',3,4,5,6-Hexachloro-1,1'-bip...	358	C12H4Cl6	041411-61-4	99		
2	1,1'-Biphenyl, 2,2',3,3',4,5'-he...	358	C12H4Cl6	052663-66-8	99		
3	2,2',3,4',5,6'-Hexachloro-1,1'-b...	358	C12H4Cl6	074472-41-6	99		
4	2,3,4,4',5,6-Hexachloro-1,1'-bip...	358	C12H4Cl6	041411-63-6	99		
5	2,2',3,4,4',6'-Hexachloro-1,1'-b...	358	C12H4Cl6	059291-64-4	99		



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122618\
Data File : BF111737.D
Acq On : 27 Dec 2018 2:02
Operator : JU/SJ
Sample : J6388-14
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
P001-SS011-0006-01

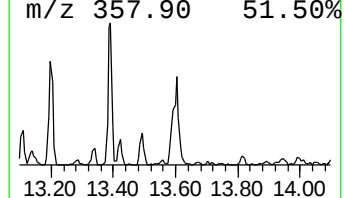
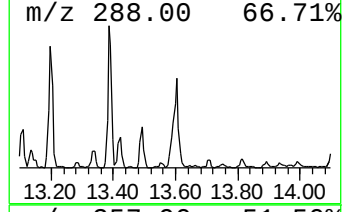
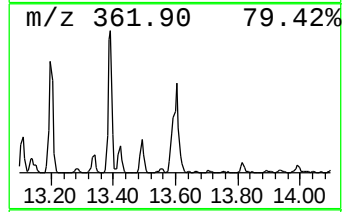
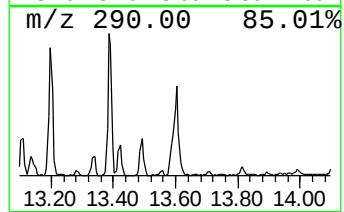
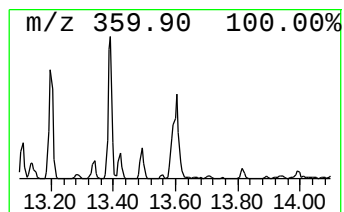
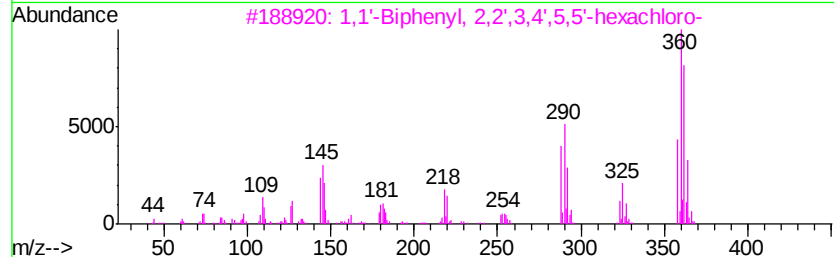
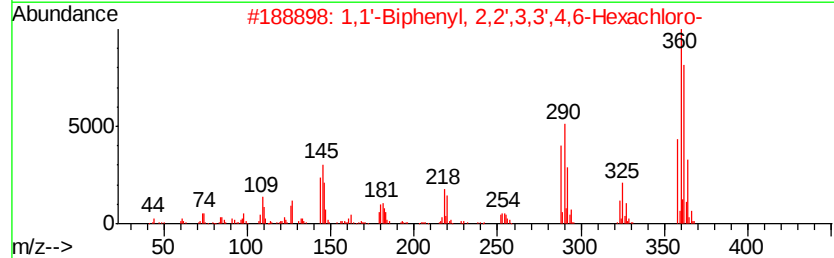
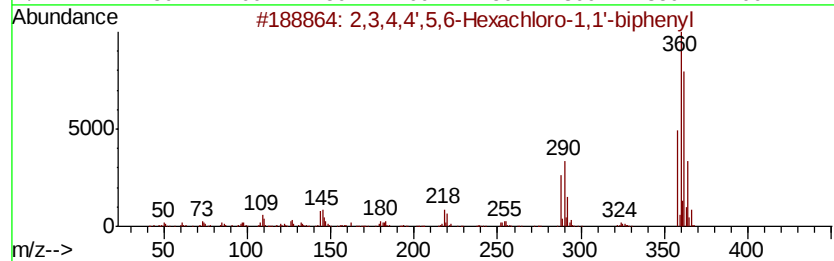
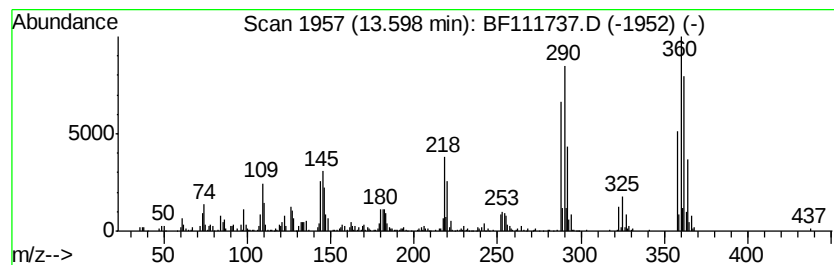
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 2,3,4,4',5,6-Hexachloro-1,1... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.60	17.11 ng	654712	Chrysene-d12	14.07

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,3,4,4',5,6-Hexachloro-1,1'-bip...	358	C12H4Cl6	041411-63-6	99		
2	1,1'-Biphenyl, 2,2',3,3',4,6-Hex...	358	C12H4Cl6	061798-70-7	99		
3	1,1'-Biphenyl, 2,2',3,4',5,5'-he...	358	C12H4Cl6	051908-16-8	99		
4	1,1'-Biphenyl, 2,3,3',4,4',5-hex...	358	C12H4Cl6	038380-08-4	99		
5	1,1'-Biphenyl, 2,3',4,4',5,5'-he...	358	C12H4Cl6	052663-72-6	99		



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122618\
Data File : BF111737.D
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Sample : J6388-14
Misc :
ALS Vial : 19 Sample Multiplier: 1

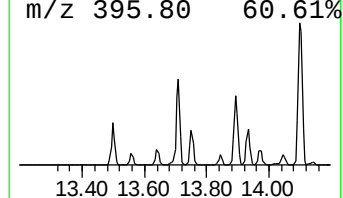
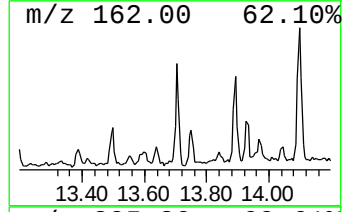
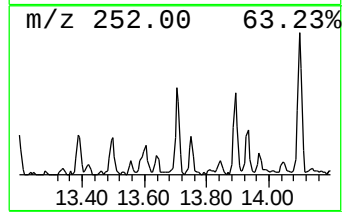
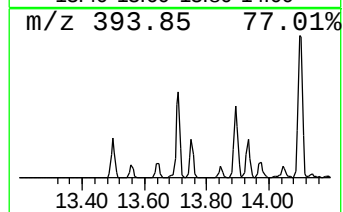
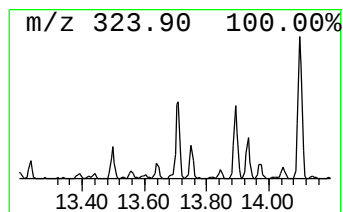
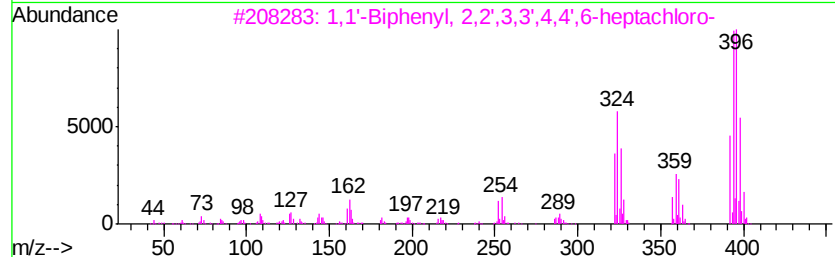
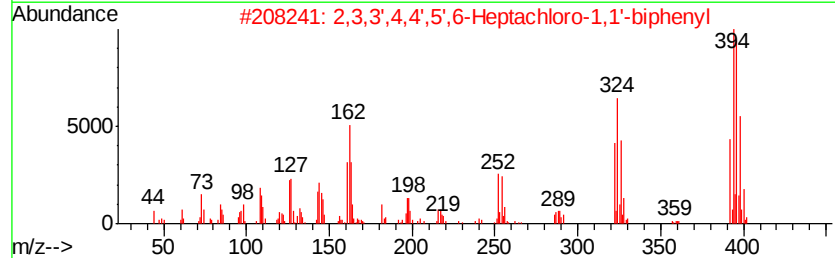
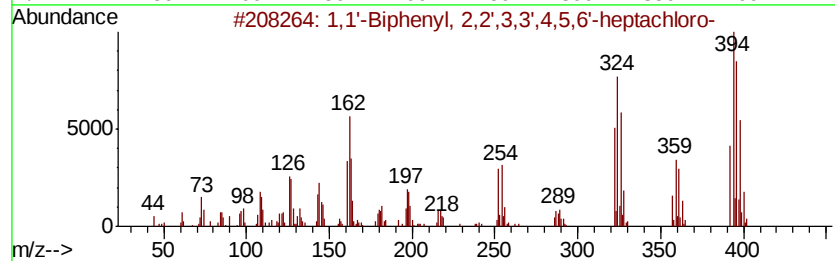
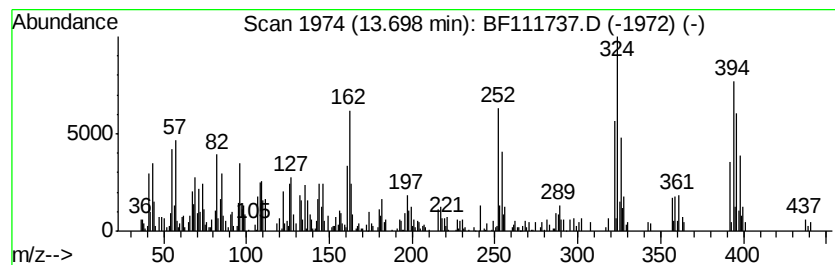
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 1,1'-Biphenyl, 2,2',3,3',4,... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.70	10.08 ng	385657	Chrysene-d12	14.07	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',3,3',4,5,6'-...	392	C12H3Cl7	038411-25-5	99
2	2,3,3',4,4',5',6-Heptachloro-1,1...	392	C12H3Cl7	074472-50-7	99
3	1,1'-Biphenyl, 2,2',3,3',4,4',6-...	392	C12H3Cl7	052663-71-5	99
4	2,2',3,4,4',6,6'-Heptachloro-1,1...	392	C12H3Cl7	074472-48-3	99
5	2,2',3,3',4,5',6-Heptachlorobiph...	392	C12H3Cl7	040186-70-7	99



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122618\
Data File : BF111737.D
Acq On : 27 Dec 2018 2:02
Operator : JU/SJ
Sample : J6388-14
Misc :
ALS Vial : 19 Sample Multiplier: 1

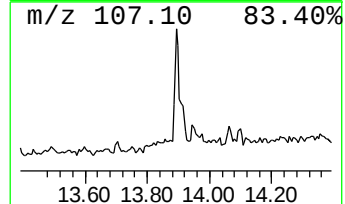
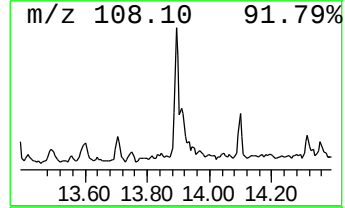
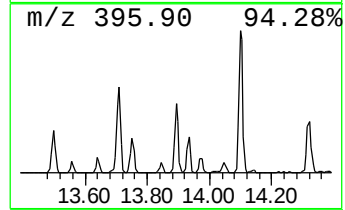
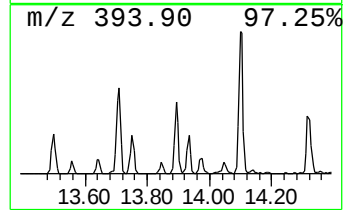
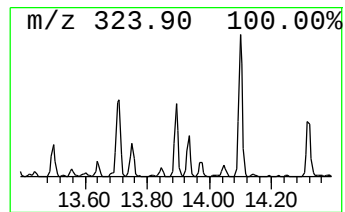
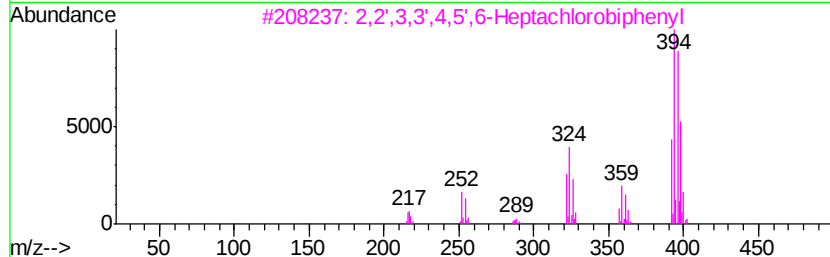
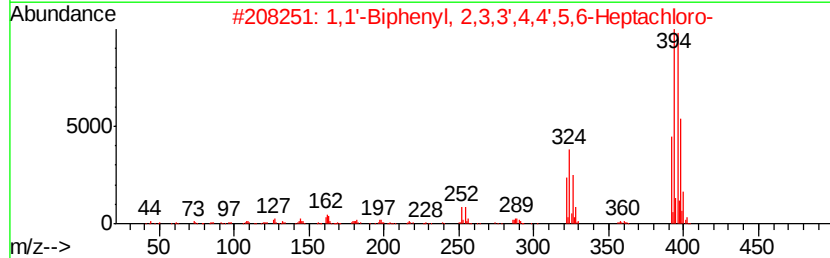
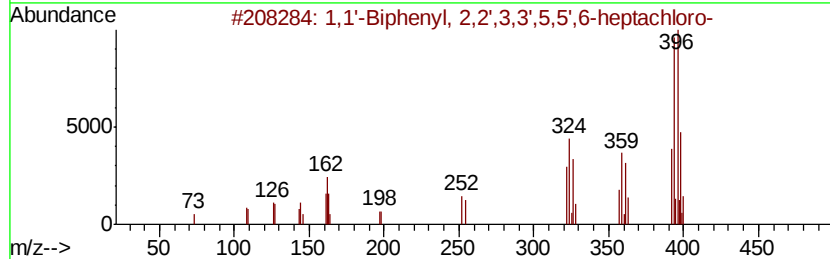
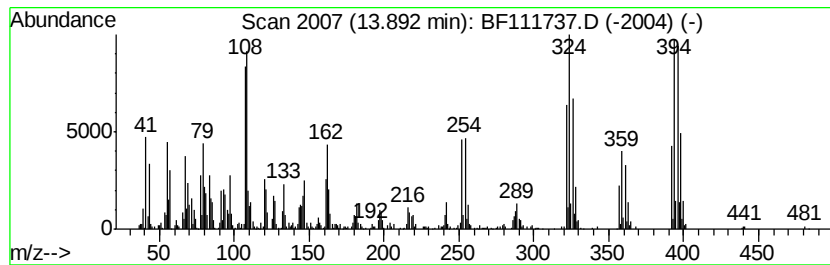
Instrument :
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 1,1'-Biphenyl, 2,2',3,3',5,... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.89	25.66 ng	981728	Chrysene-d12	14.07	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',3,3',5,5',6-...	392	C12H3Cl7	052663-67-9	99
2	1,1'-Biphenyl, 2,3,3',4,4',5,6-H...	392	C12H3Cl7	041411-64-7	99
3	2,2',3,3',4,5',6-Heptachlorobiph...	392	C12H3Cl7	040186-70-7	99
4	2,2',3,4',5,6,6'-Heptachloro-1,1...	392	C12H3Cl7	074487-85-7	99
5	1,1'-Biphenyl, 2,2',3,3',4,4',5-...	392	C12H3Cl7	035065-30-6	99



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122618\
Data File : BF111737.D
Acq On : 27 Dec 2018 2:02
Operator : JU/SJ
Sample : J6388-14
Misc :
ALS Vial : 19 Sample Multiplier: 1

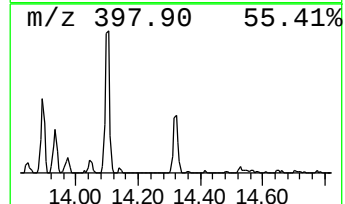
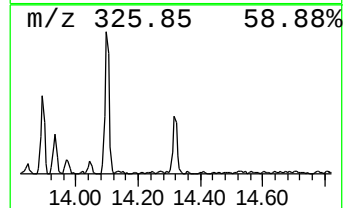
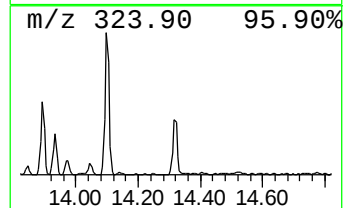
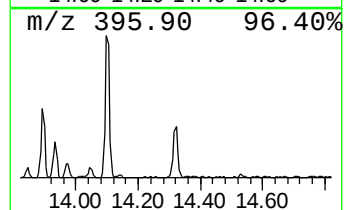
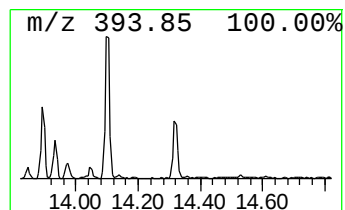
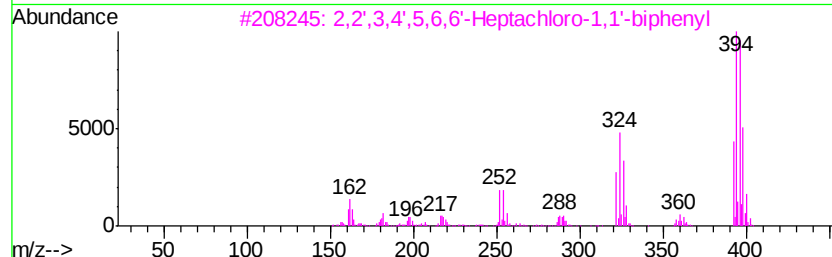
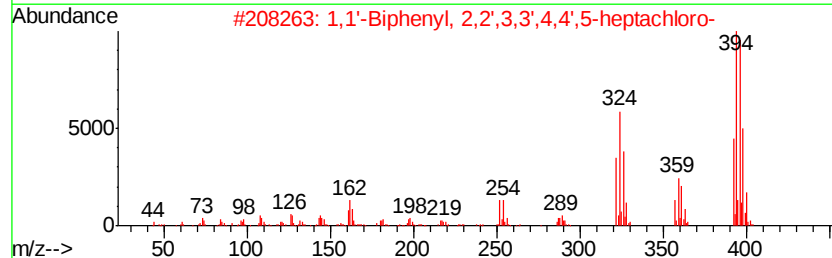
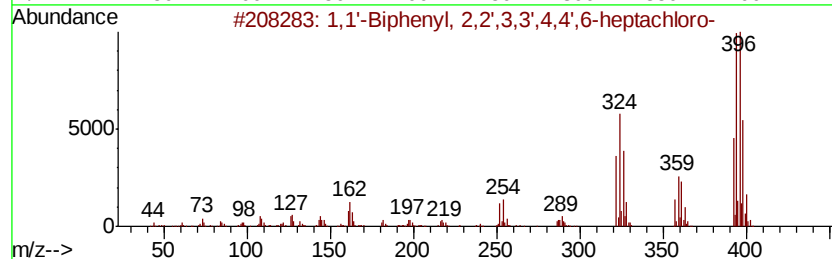
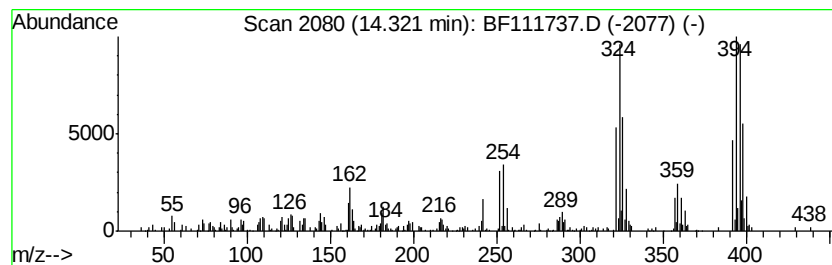
Instrument :
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 1,1'-Biphenyl, 2,2',3,3',4,... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.	
14.32	6.64 ng	254054	Chrysene-d12	14.07	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',3,3',4,4',6-...	392	C12H3Cl7	052663-71-5	99
2	1,1'-Biphenyl, 2,2',3,3',4,4',5-...	392	C12H3Cl7	035065-30-6	99
3	2,2',3,4',5,6,6'-Heptachloro-1,1...	392	C12H3Cl7	074487-85-7	99
4	1,1'-Biphenyl, 2,2',3,4',5,5',6-...	392	C12H3Cl7	052663-68-0	99
5	1,1'-Biphenyl, 2,2',3,4,4',5,5'-...	392	C12H3Cl7	035065-29-3	99



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122618\
Data File : BF111737.D
Acq On : 27 Dec 2018 2:02
Operator : JU/SJ
Sample : J6388-14
Misc :
ALS Vial : 19 Sample Multiplier: 1

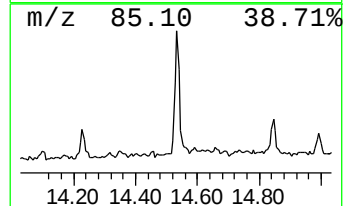
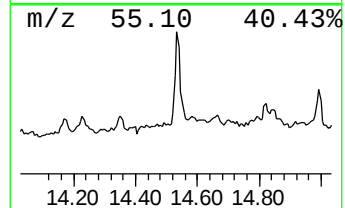
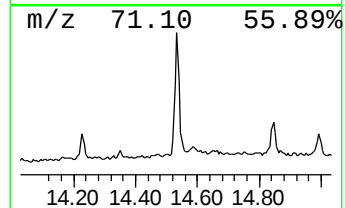
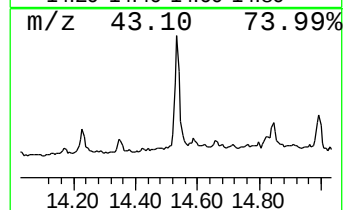
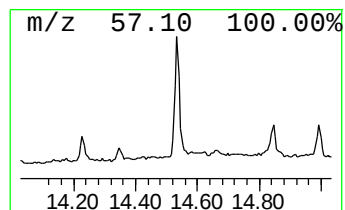
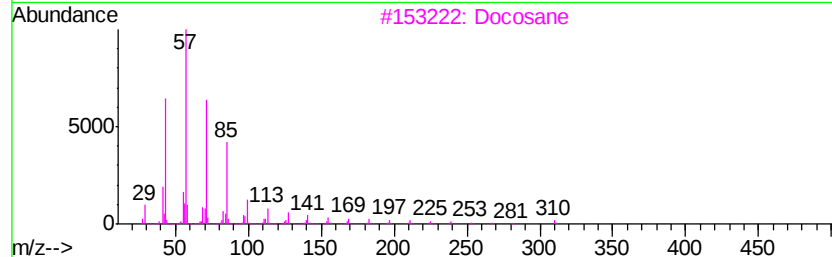
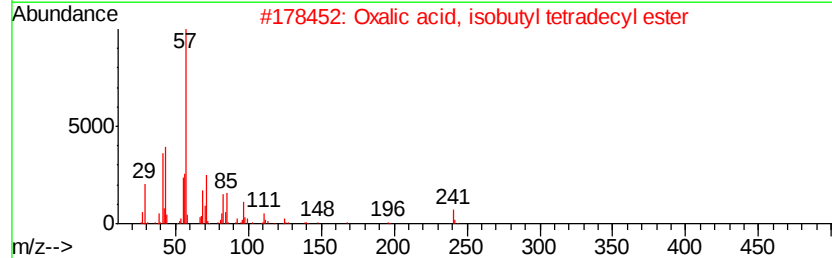
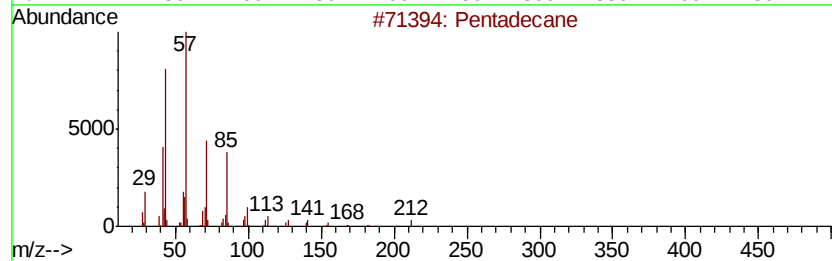
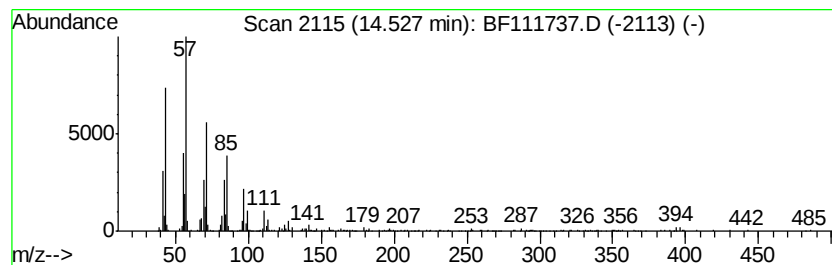
Instrument :
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ClientSampleId :
P001-SS011-0006-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Pentadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.53	20.33 ng	777552	Chrysene-d12	14.07
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Pentadecane	212 C15H32	000629-62-9	83
2	Oxalic acid, isobutyl tetradecyl...	342 C20H38O4	1000309-37-9	64
3	Docosane	310 C22H46	000629-97-0	60
4	Nonane	128 C9H20	000111-84-2	60
5	Heptadecane, 2,6,10,14-tetramethyl-	296 C21H44	018344-37-1	60



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122618\
Data File : BF111737.D
Acq On : 27 Dec 2018 2:02
Operator : JU/SJ
Sample : J6388-14
Misc :
ALS Vial : 19 Sample Multiplier: 1

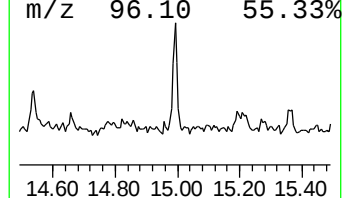
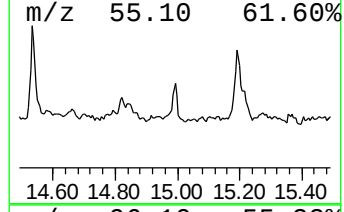
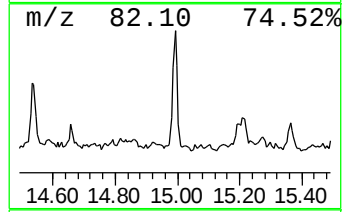
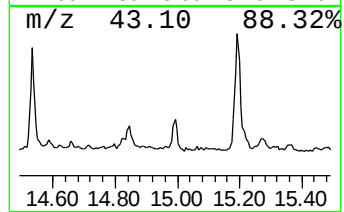
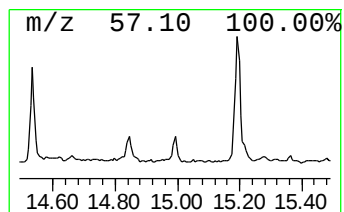
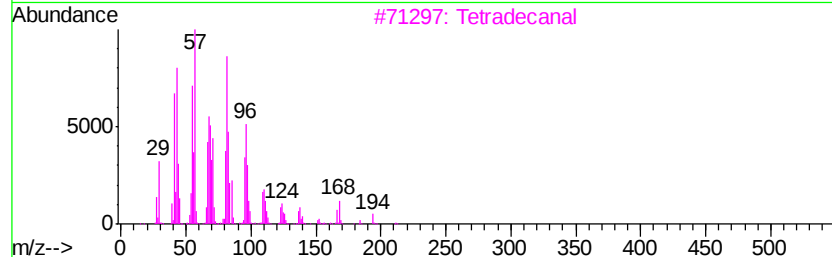
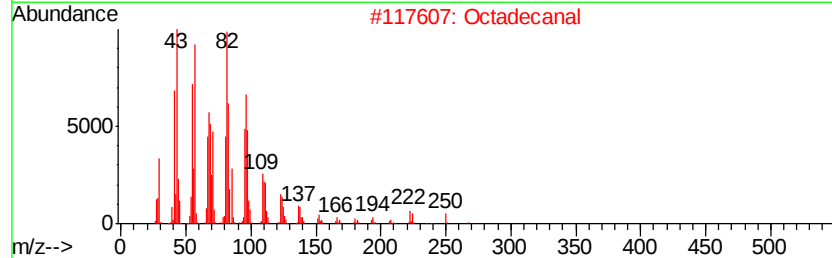
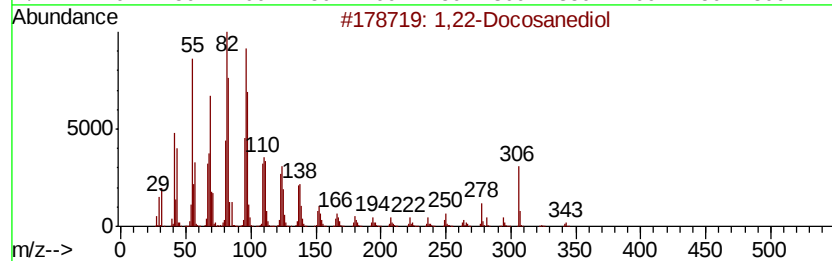
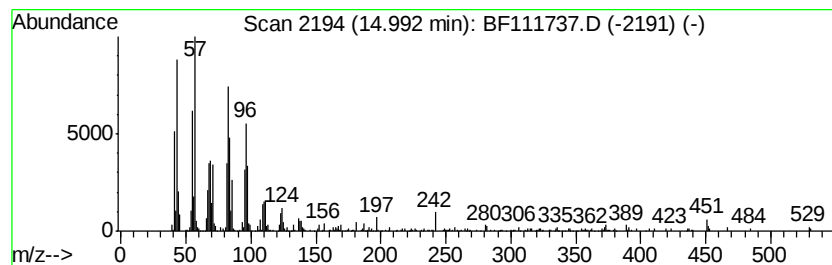
Instrument :
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 1,22-Docosanediol Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.	
14.99	10.82 ng	301441	Perylene-d12	15.55	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,22-Docosanediol	342	C22H46O2	022513-81-1	96
2	Octadecanal	268	C18H36O	000638-66-4	94
3	Tetradecanal	212	C14H28O	000124-25-4	94
4	1,16-Hexadecanediol	258	C16H34O2	007735-42-4	68
5	9-Octadecen-1-ol, (E)-	268	C18H36O	000506-42-3	62



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122618\
Data File : BF111737.D
Acq On : 27 Dec 2018 2:02
Operator : JU/SJ
Sample : J6388-14
Misc :
ALS Vial : 19 Sample Multiplier: 1

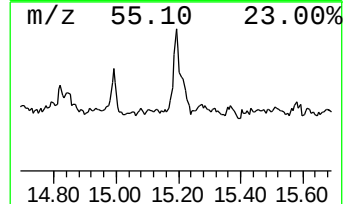
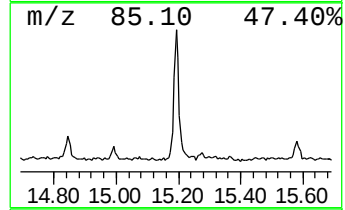
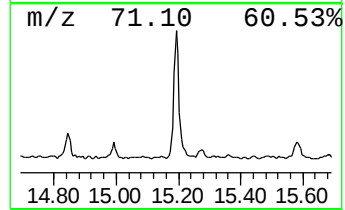
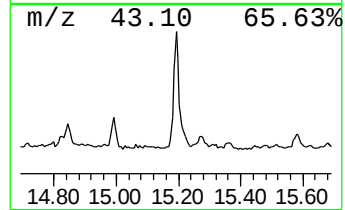
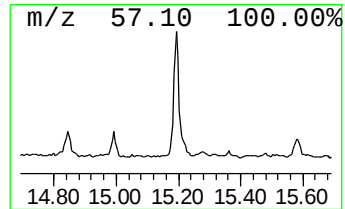
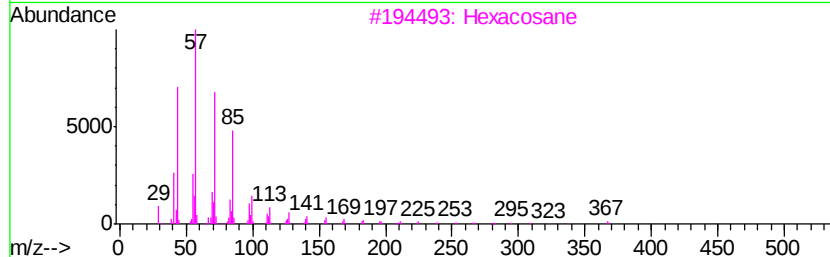
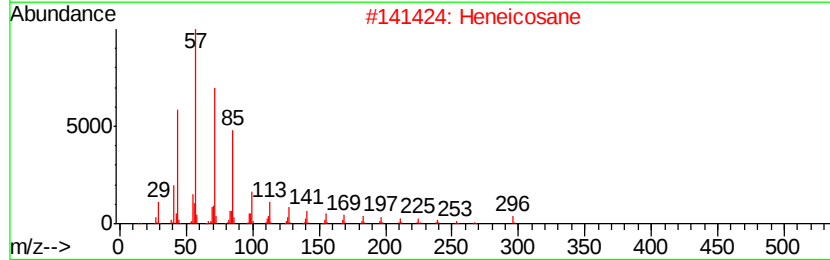
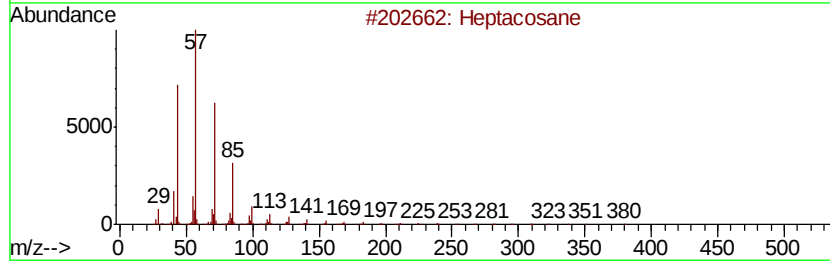
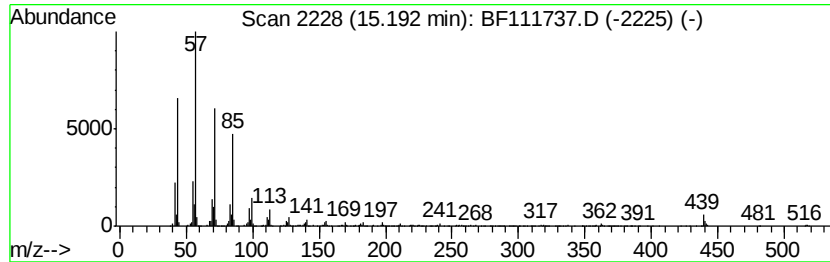
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Heptacosane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.19	35.06 ng	977028	Perylene-d12	15.55
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Heptacosane	380 C27H56	000593-49-7	98
2	Heneicosane	296 C21H44	000629-94-7	96
3	Hexacosane	366 C26H54	000630-01-3	93
4	Pentacosane	352 C25H52	000629-99-2	92
5	Eicosane, 10-methyl-	296 C21H44	054833-23-7	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122618\
Data File : BF111737.D
Acq On : 27 Dec 2018 2:02
Operator : JU/SJ
Sample : J6388-14
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
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ClientSampleId :
P001-SS011-0006-01

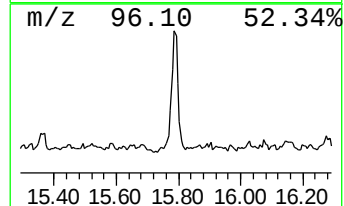
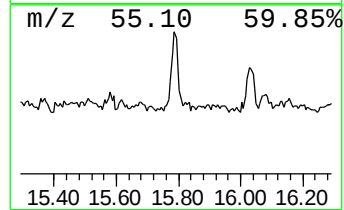
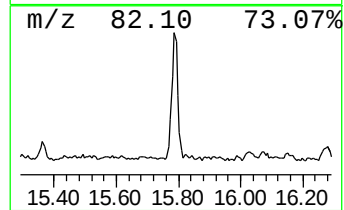
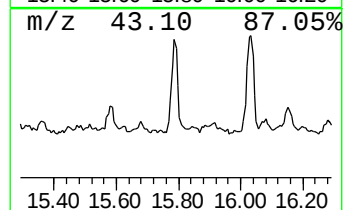
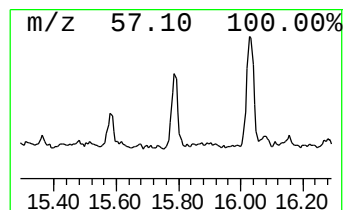
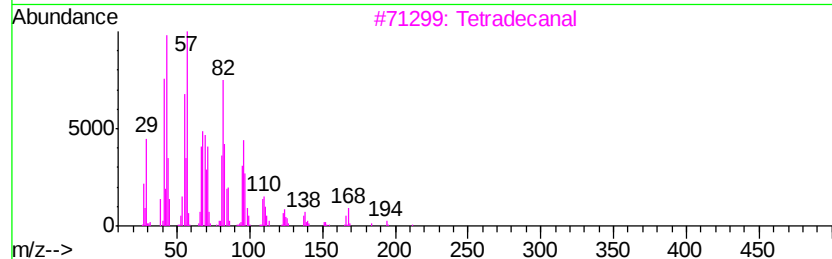
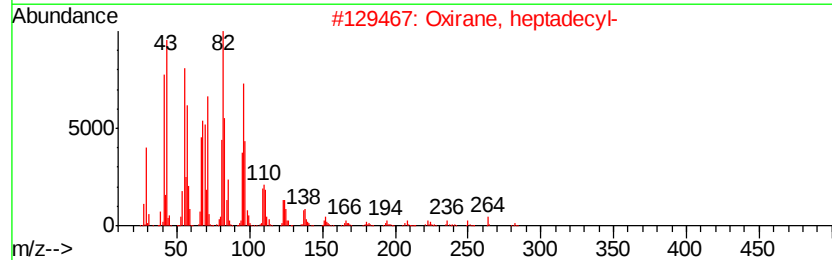
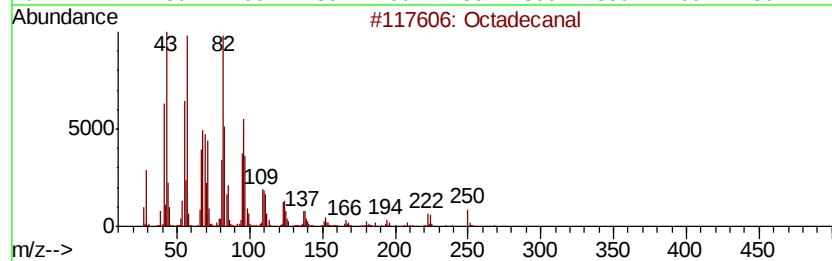
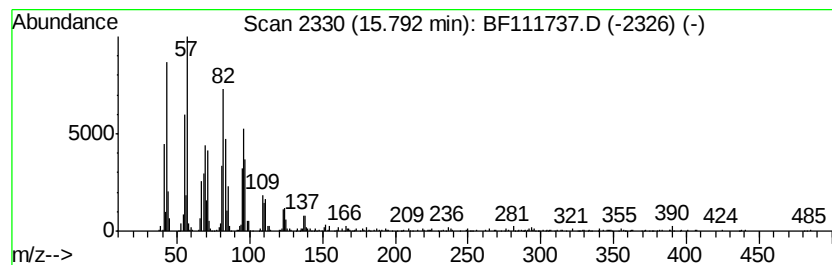
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Octadecanal Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.79	26.93 ng	750447	Perylene-d12	15.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecanal	268	C18H36O	000638-66-4	95
2		Oxirane, heptadecyl-	282	C19H38O	067860-04-2	95
3		Tetradecanal	212	C14H28O	000124-25-4	93
4		Oxirane, hexadecyl-	268	C18H36O	007390-81-0	91
5		Pentadecanal	226	C15H30O	002765-11-9	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122618\
Data File : BF111737.D
Acq On : 27 Dec 2018 2:02
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Misc :
ALS Vial : 19 Sample Multiplier: 1

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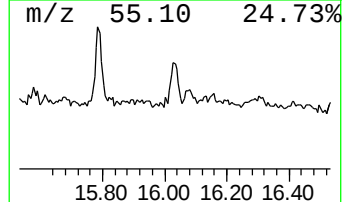
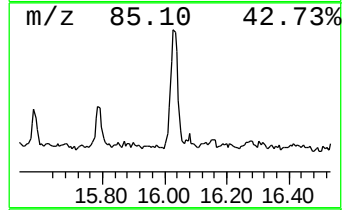
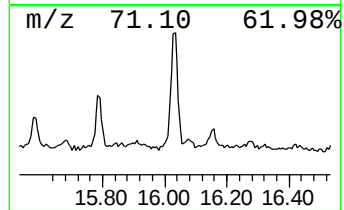
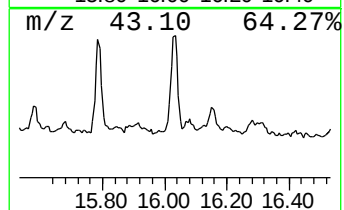
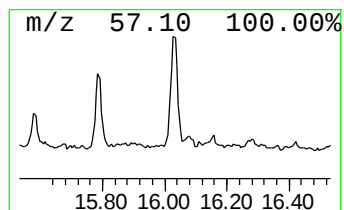
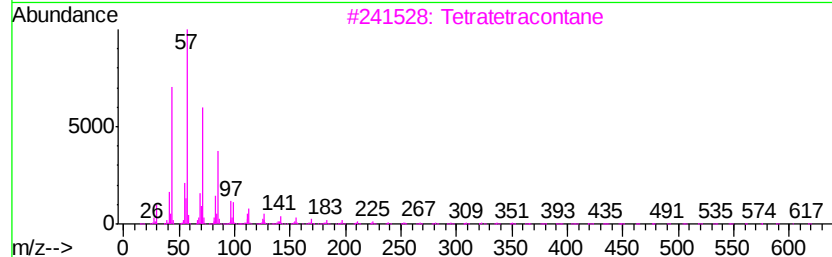
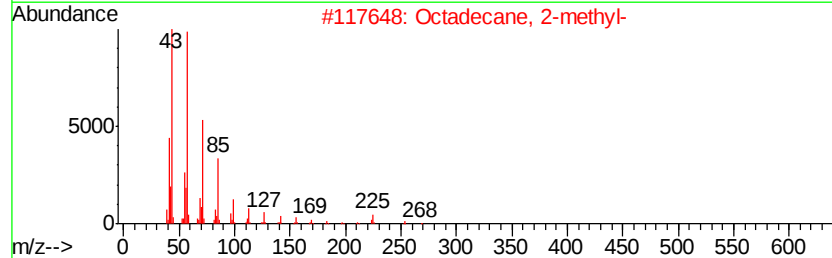
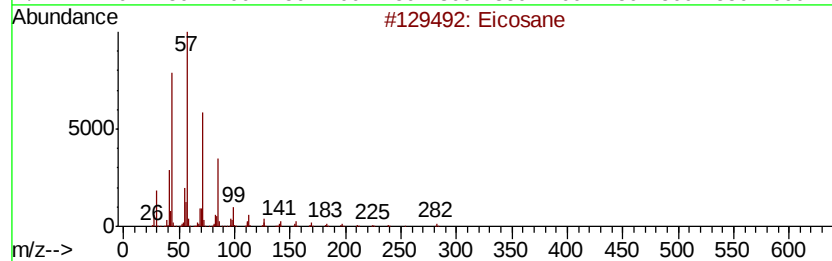
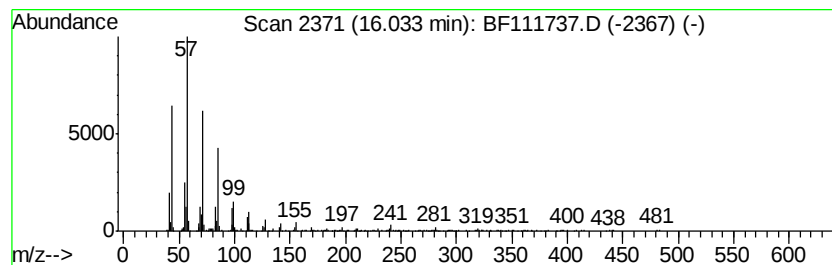
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Eicosane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.03	17.96 ng	500528	Perylene-d12	15.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	95
2		Octadecane, 2-methyl-	268	C19H40	001560-88-9	93
3		Tetratetracontane	619	C44H90	007098-22-8	90
4		Octacosane	394	C28H58	000630-02-4	90
5		Hentriacontane	437	C31H64	000630-04-6	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122618\
Data File : BF111737.D
Acq On : 27 Dec 2018 2:02
Operator : JU/SJ
Sample : J6388-14
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
P001-SS011-0006-01

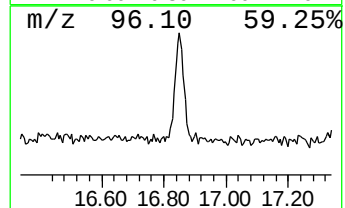
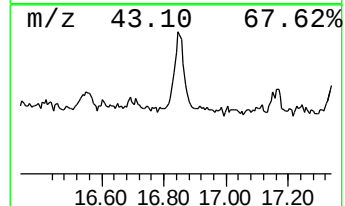
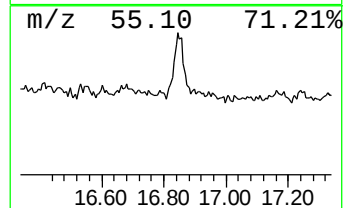
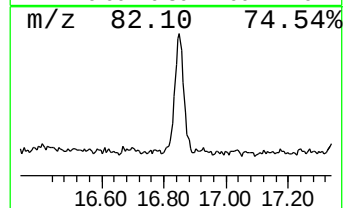
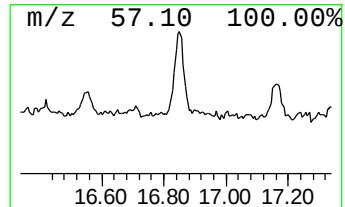
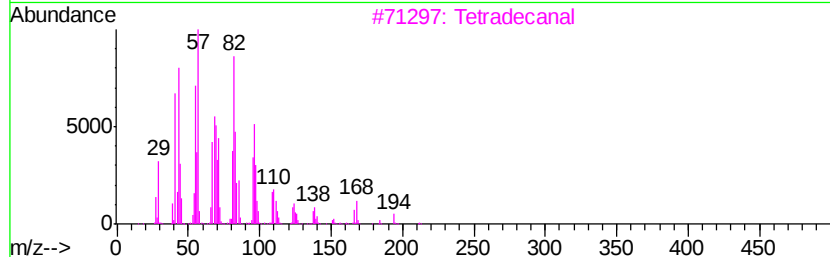
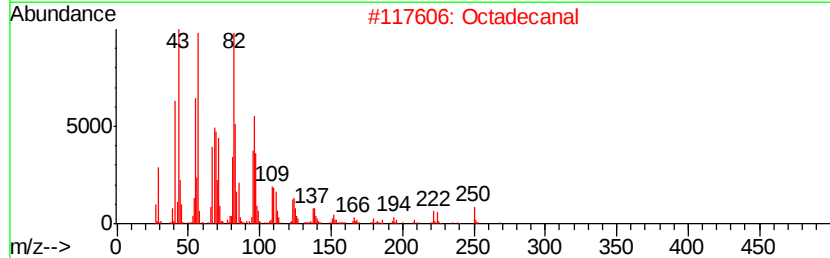
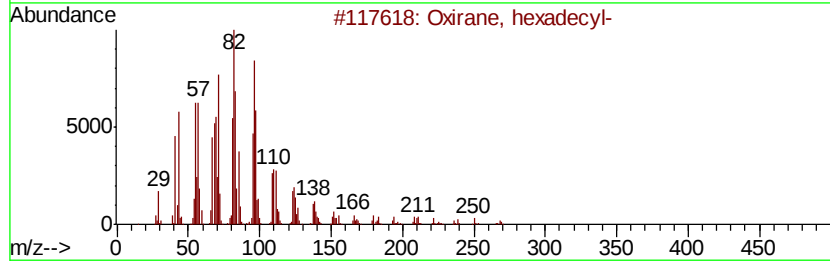
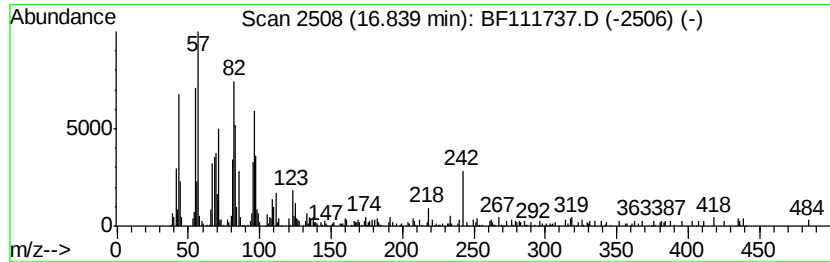
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Oxirane, hexadecyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.84	18.85 ng	525426	Perylene-d12	15.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	96
2		Octadecanal	268	C18H36O	000638-66-4	94
3		Tetradecanal	212	C14H28O	000124-25-4	93
4		Oxirane, heptadecyl-	282	C19H38O	067860-04-2	87
5		2-Tridecen-1-ol, (E)-	198	C13H26O	074962-98-4	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF122618\
 Data File : BF111737.D
 Acq On : 27 Dec 2018 2:02
 Operator : JU/SJ
 Sample : J6388-14
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P001-SS011-0006-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121918.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...	5.14	4.5 ng		184511	1	6.90	823727	20.0
unknown6.68	6.68	89.7 ng		3694640	1	6.90	823727	20.0
2,2',3,5,6'-Penta...	12.56	4.9 ng		218981	4	11.43	890505	20.0
2,3,3',5,6-Pentac...	12.74	5.4 ng		240297	4	11.43	890505	20.0
1,1'-Biphenyl, 2,...	13.11	5.8 ng		223567	5	14.07	765088	20.0
2,2',3,4,4',6'-He...	13.20	18.5 ng		706893	5	14.07	765088	20.0
2,3',4,4',5',6-He...	13.39	18.4 ng		705175	5	14.07	765088	20.0
2,3,3',4,5',6-Hex...	13.42	4.6 ng		176888	5	14.07	765088	20.0
2,2',3,4,5,6-Hexa...	13.49	9.3 ng		354410	5	14.07	765088	20.0
2,3,4,4',5,6-Hexa...	13.60	17.1 ng		654712	5	14.07	765088	20.0
1,1'-Biphenyl, 2,...	13.70	10.1 ng		385657	5	14.07	765088	20.0
1,1'-Biphenyl, 2,...	13.89	25.7 ng		981728	5	14.07	765088	20.0
1,1'-Biphenyl, 2,...	14.32	6.6 ng		254054	5	14.07	765088	20.0
Pentadecane	14.53	20.3 ng		777552	5	14.07	765088	20.0
1,22-Docosanediol	14.99	10.8 ng		301441	6	15.55	557362	20.0
Heptacosane	15.19	35.1 ng		977028	6	15.55	557362	20.0
Octadecanal	15.79	26.9 ng		750447	6	15.55	557362	20.0
Eicosane	16.03	18.0 ng		500528	6	15.55	557362	20.0
Oxirane, hexadecyl-	16.84	18.9 ng		525426	6	15.55	557362	20.0