

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF112018\
 Data File : BF110894.D
 Acq On : 20 Nov 2018 15:11
 Operator : JU/SJ
 Sample : J6006-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RS-CON-WALL-1

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-BF110818.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	2.252	21	28	39	rVB	111292	162466	6.02%	0.654%
2	5.192	524	528	543	rBV	64882	106140	3.93%	0.427%
3	5.569	587	592	612	rBV	2082053	2149248	79.58%	8.647%
4	6.575	758	763	782	rBV	2021464	2272337	84.14%	9.142%
5	6.710	782	786	790	rBV	2260003	2273709	84.19%	9.147%
6	6.939	822	825	832	rBV	528842	444585	16.46%	1.789%
7	7.098	848	852	865	rBV	1933896	1786892	66.17%	7.189%
8	7.510	917	922	934	rBV	1410566	1449145	53.66%	5.830%
9	7.957	992	998	1006	rBV3	14580	30555	1.13%	0.123%
10	8.222	1039	1043	1057	rBV	571977	587816	21.77%	2.365%
11	9.039	1178	1182	1192	rBV	31765	67395	2.50%	0.271%
12	9.298	1221	1226	1229	rBV	2939622	2700580	100.00%	10.865%
13	9.692	1287	1293	1298	rBV	82610	95074	3.52%	0.382%
14	9.980	1339	1342	1354	rVB	703044	668778	24.76%	2.691%
15	10.386	1406	1411	1414	rVB4	22535	31649	1.17%	0.127%
16	10.610	1444	1449	1451	rBV2	26101	36748	1.36%	0.148%
17	10.780	1473	1478	1486	rBV	1530477	1618333	59.93%	6.511%
18	10.874	1489	1494	1497	rBV	58618	73686	2.73%	0.296%
19	11.339	1570	1573	1575	rBV	37816	32245	1.19%	0.130%
20	11.480	1593	1597	1605	rBV	671498	686017	25.40%	2.760%
21	11.986	1679	1683	1687	rBV	371804	364171	13.48%	1.465%
22	12.080	1696	1699	1703	rVV	311440	249764	9.25%	1.005%
23	12.116	1703	1705	1708	rVB2	62776	55007	2.04%	0.221%
24	12.251	1725	1728	1731	rBV	131601	108149	4.00%	0.435%
25	12.363	1744	1747	1750	rVB	33463	29369	1.09%	0.118%
26	12.592	1781	1786	1793	rVB3	302720	419000	15.52%	1.686%
27	12.651	1793	1796	1798	rVB2	39457	32949	1.22%	0.133%
28	12.727	1806	1809	1811	rBV2	36710	35620	1.32%	0.143%
29	12.774	1813	1817	1821	rVV2	360564	398023	14.74%	1.601%
30	12.816	1821	1824	1830	rVB	99880	89496	3.31%	0.360%
31	12.945	1841	1846	1850	rVB4	69265	96535	3.57%	0.388%
32	12.992	1851	1854	1858	rVV	93064	88837	3.29%	0.357%
33	13.063	1862	1866	1871	rVB	2480110	2332055	86.35%	9.382%
34	13.163	1881	1883	1888	rVB5	26181	30991	1.15%	0.125%

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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

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Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	13.239	1893	1896	1898	rVV2	69575	63782	2.36%	0.257%
36	13.280	1898	1903	1906	rVB2	87109	119046	4.41%	0.479%
37	13.427	1925	1928	1931	rVB	41461	31617	1.17%	0.127%
38	13.463	1931	1934	1936	rBV2	36422	34309	1.27%	0.138%
39	13.515	1940	1943	1948	rVB3	38605	55898	2.07%	0.225%
40	13.604	1954	1958	1960	rBV	74963	71344	2.64%	0.287%
41	13.645	1960	1965	1970	rVB2	45463	62536	2.32%	0.252%
42	13.933	2010	2014	2020	rBV	223785	252928	9.37%	1.018%
43	14.074	2035	2038	2044	rVB	39209	39652	1.47%	0.160%
44	14.133	2044	2048	2058	rBV	439753	448539	16.61%	1.805%
45	14.251	2064	2068	2073	rBV	97506	91490	3.39%	0.368%
46	14.557	2116	2120	2127	rBV	124728	143878	5.33%	0.579%
47	14.868	2169	2173	2177	rBV	179738	177953	6.59%	0.716%
48	15.215	2228	2232	2238	rBV	197973	239599	8.87%	0.964%
49	15.615	2293	2300	2304	rBV	224309	316988	11.74%	1.275%
50	15.662	2304	2308	2320	rVB	281128	439831	16.29%	1.769%
51	16.062	2371	2376	2383	rVB	176778	285292	10.56%	1.148%
52	16.133	2383	2388	2394	rBV5	22675	51244	1.90%	0.206%
53	16.592	2459	2466	2477	rBV2	113179	226068	8.37%	0.910%
54	17.209	2564	2571	2578	rBV3	30813	67851	2.51%	0.273%
55	17.780	2662	2668	2676	rVB3	13246	33063	1.22%	0.133%

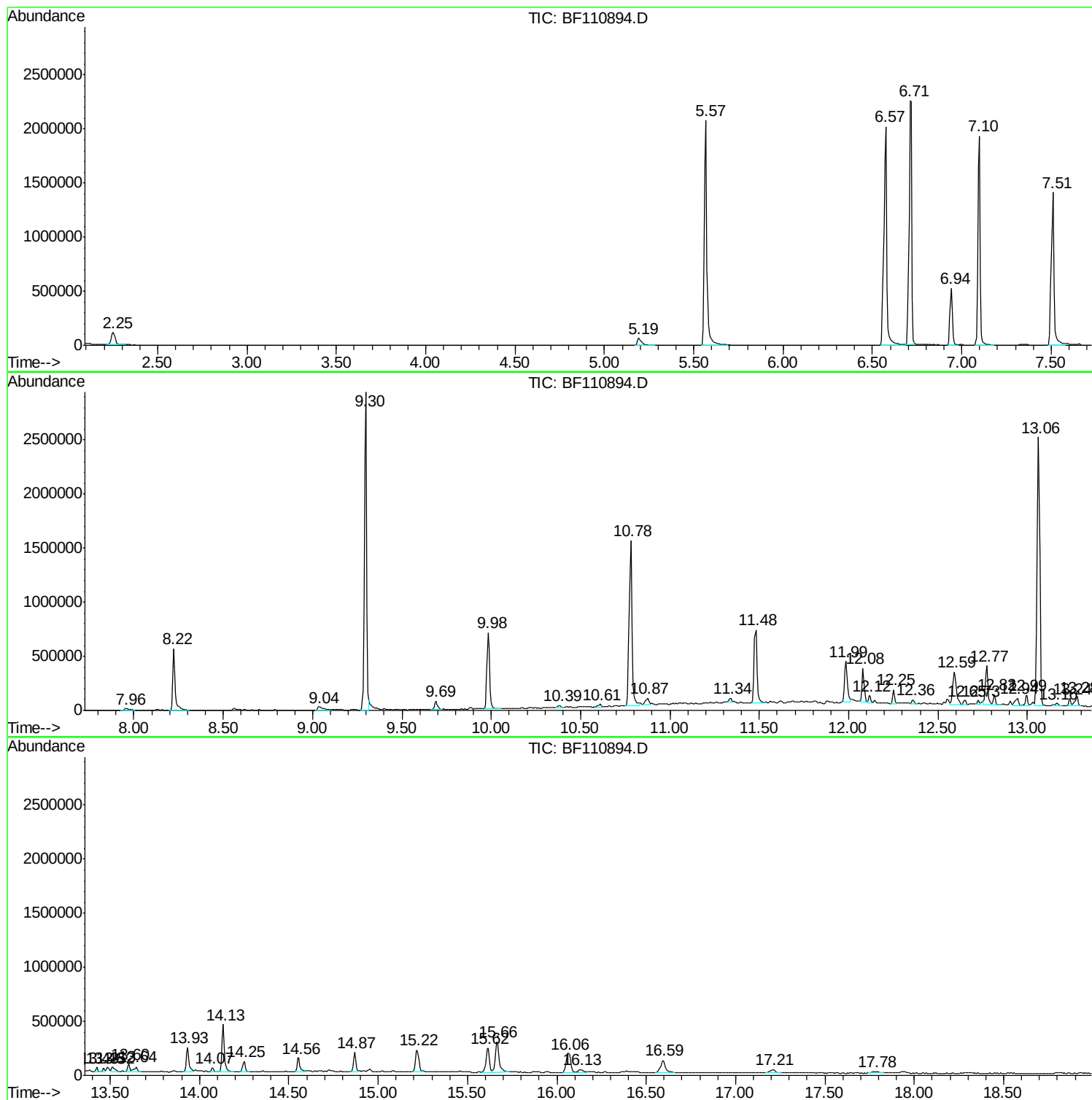
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF110818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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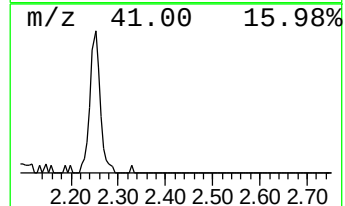
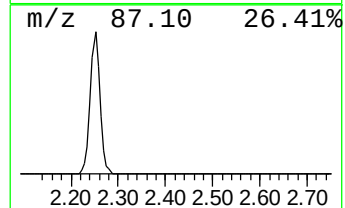
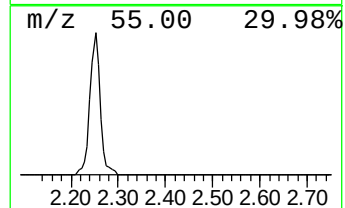
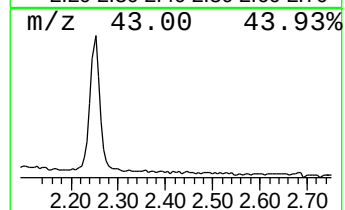
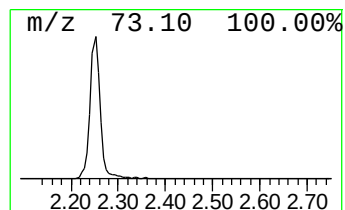
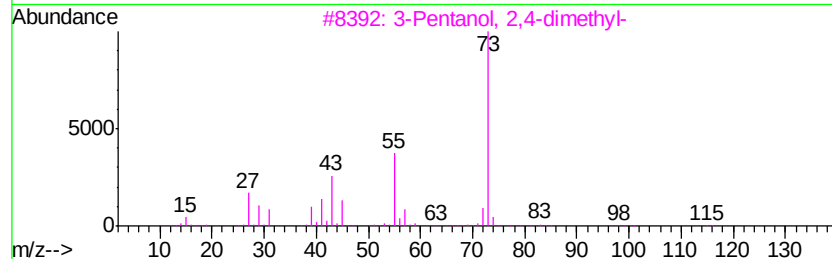
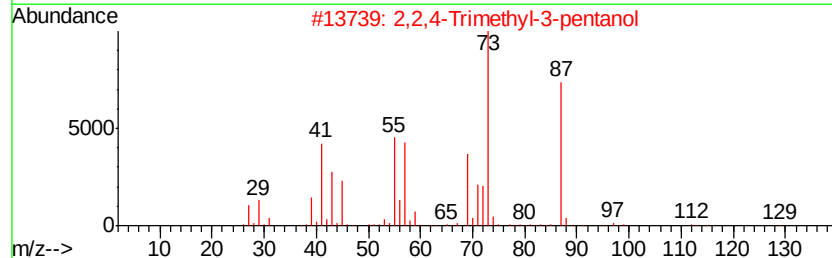
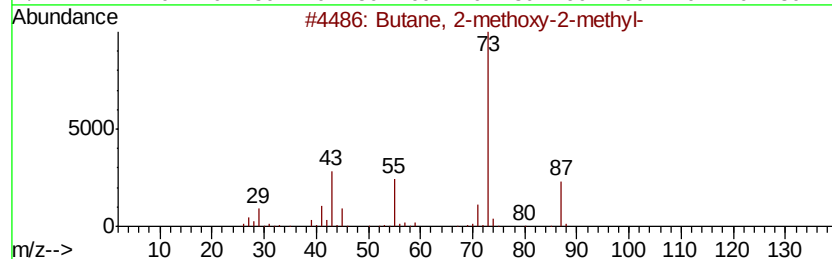
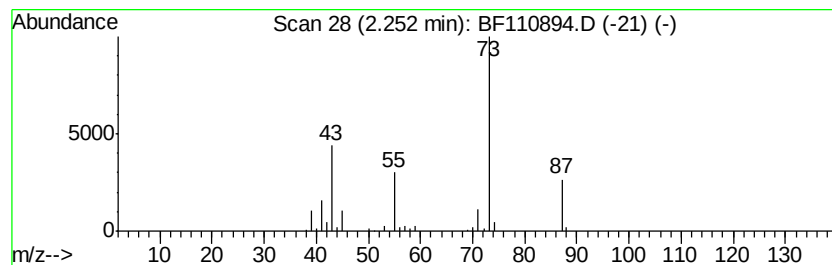
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF110818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.25	7.31 ng	162466	1,4-Dichlorobenzene-d4	6.94

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	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		3-Pentanol, 2,4-dimethyl-	116	C7H16O	000600-36-2	37
4		1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	37
5		Silane, tetramethyl-	88	C4H12Si	000075-76-3	16



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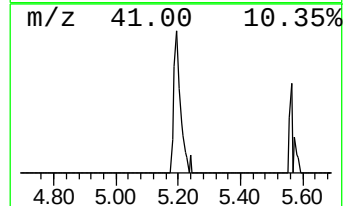
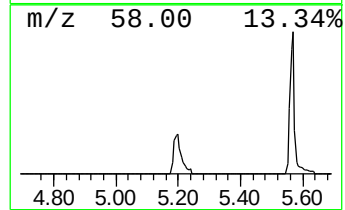
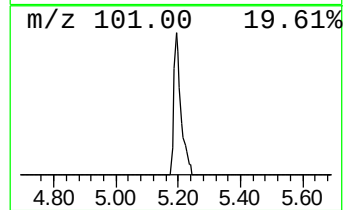
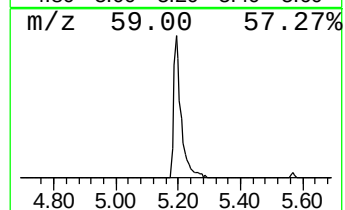
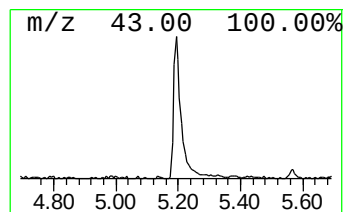
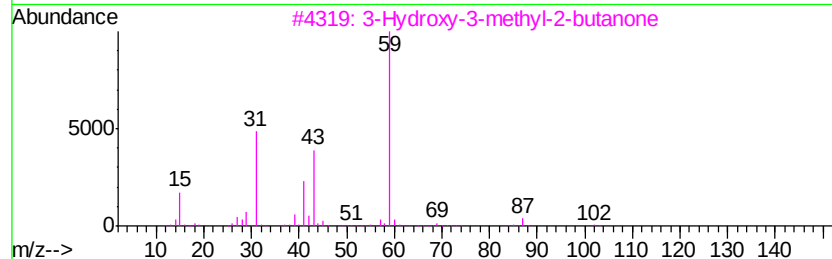
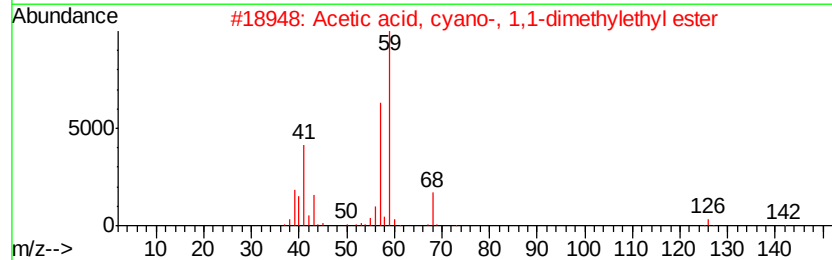
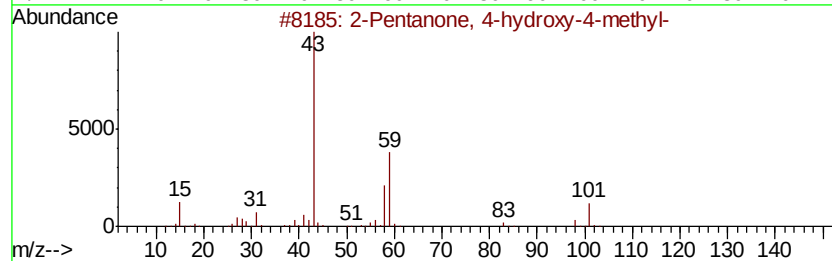
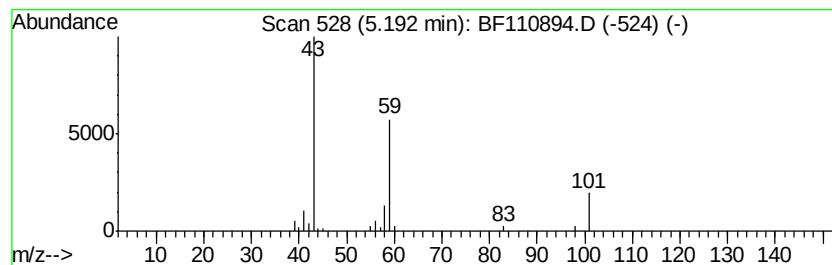
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.19	4.77 ng	106140	1,4-Dichlorobenzene-d4	6.94

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	72
2		Acetic acid, cyano-, 1,1-dimethyl...	141	C7H11NO2	001116-98-9	23
3		3-Hydroxy-3-methyl-2-butanone	102	C5H10O2	000115-22-0	9
4		Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	9
5		Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	9



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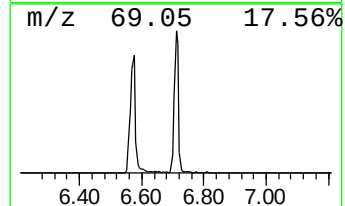
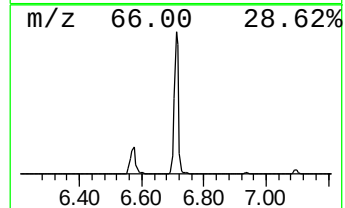
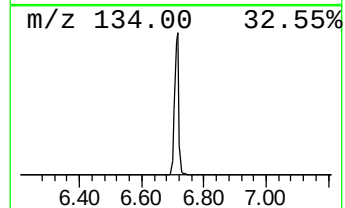
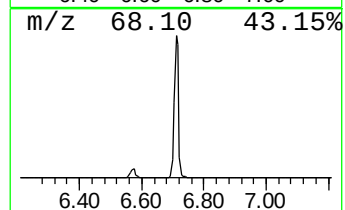
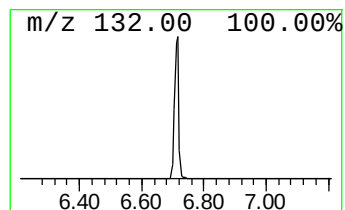
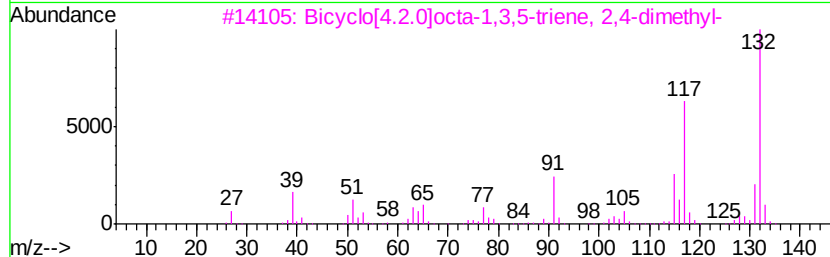
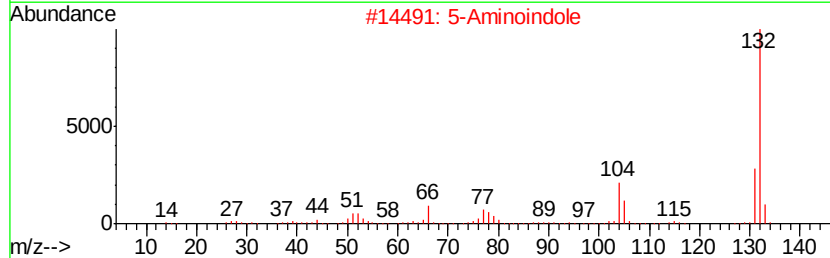
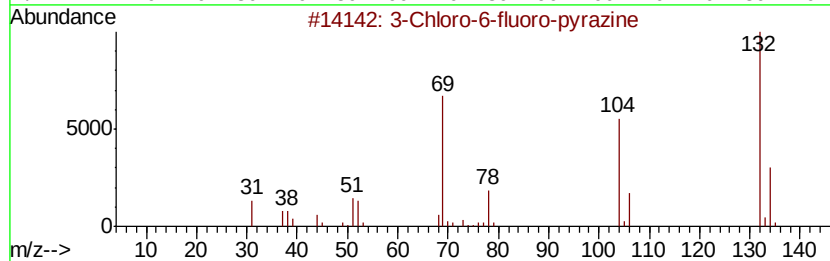
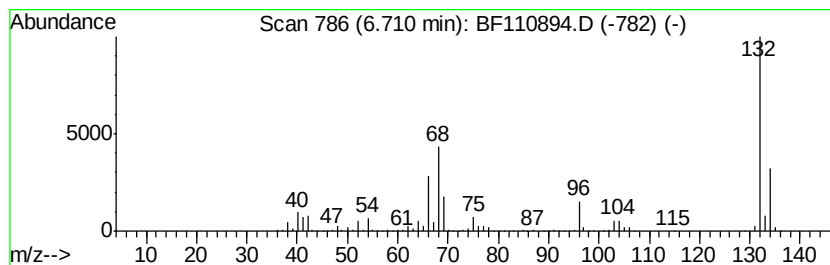
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 unknown6.71 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.71	102.29 ng	2273710	1,4-Dichlorobenzene-d4	6.94

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		5-Aminoindole	132	C8H8N2	005192-03-0	12
3		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
4		Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	9
5		4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9



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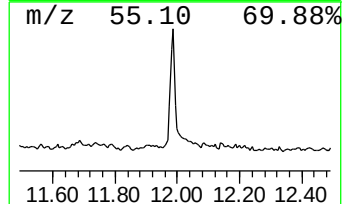
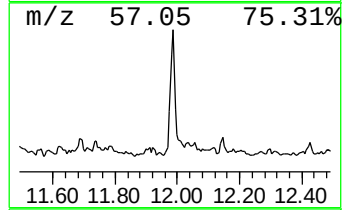
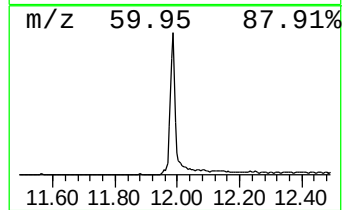
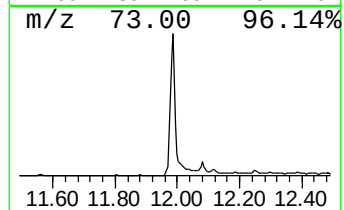
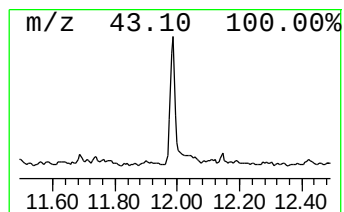
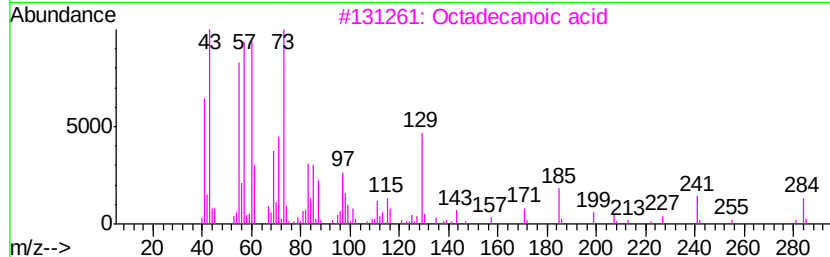
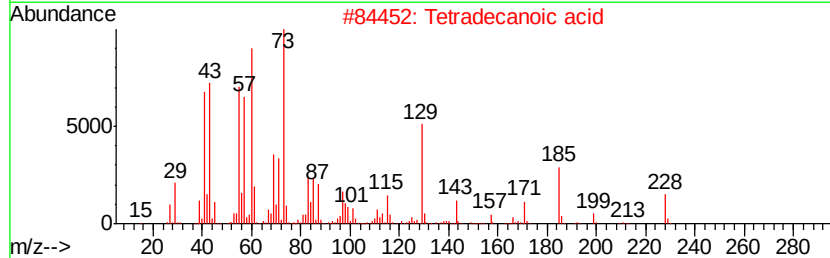
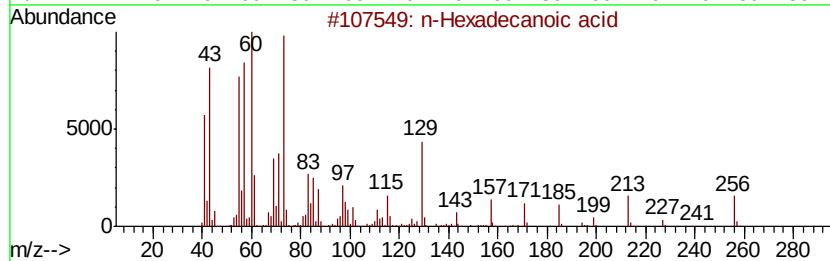
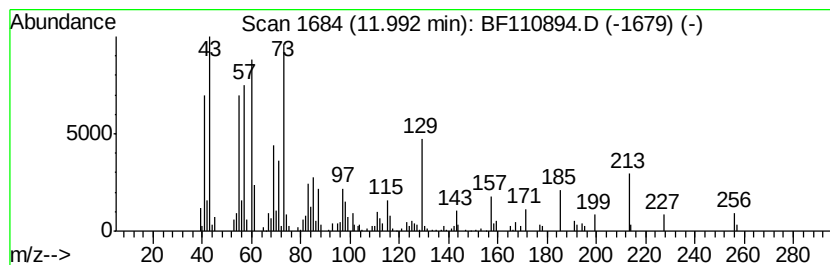
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 n-Hexadecanoic acid Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD		R.T.
11.99	10.62 ng	364171	Phenanthrene-d10		11.48
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	93
3	Octadecanoic acid	284	C18H36O2	000057-11-4	93
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
5	Tridecanoic acid	214	C13H26O2	000638-53-9	86



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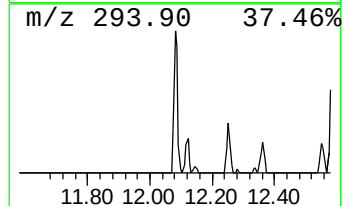
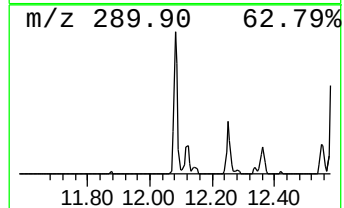
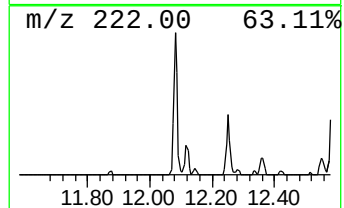
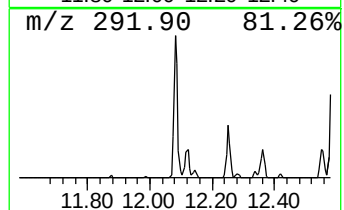
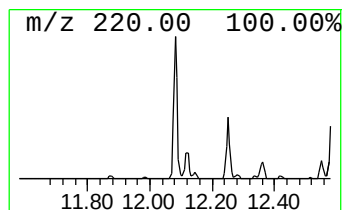
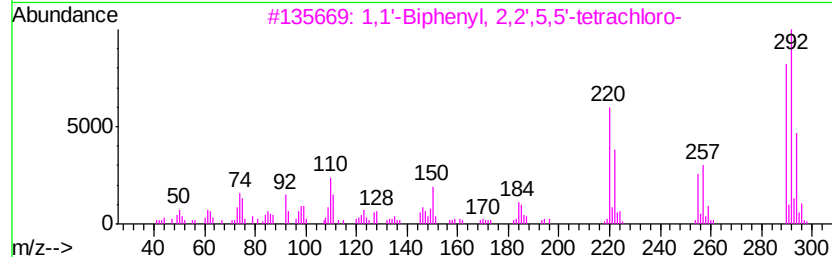
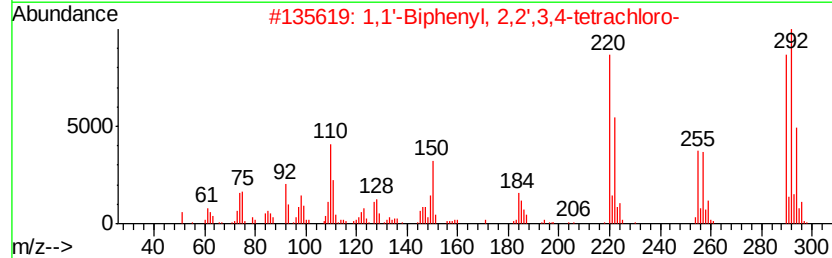
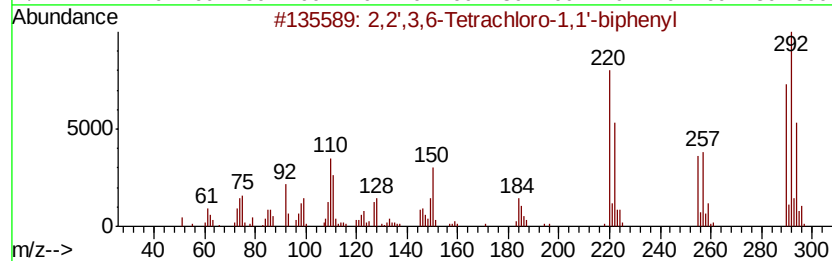
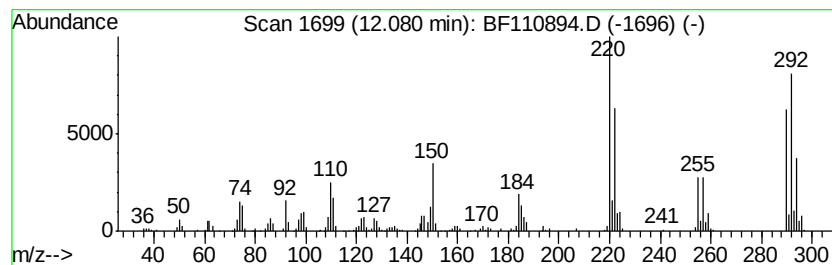
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 2,2',3,6-Tetrachloro-1,1'-b... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.08	7.28 ng	249764	Phenanthrene-d10	11.48

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2,2',3,6-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	070362-45-7	99
2		1,1'-Biphenyl, 2,2',3,4-tetrachl...	290	C12H6Cl4	052663-59-9	99
3		1,1'-Biphenyl, 2,2',5,5'-tetrach...	290	C12H6Cl4	035693-99-3	99
4		1,1'-Biphenyl, 2,2',4,4'-tetrach...	290	C12H6Cl4	002437-79-8	99
5		2,2',4,5-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	070362-47-9	99



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112018\
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Acq On : 20 Nov 2018 15:11
Operator : JU/SJ
Sample : J6006-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

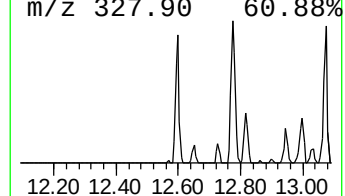
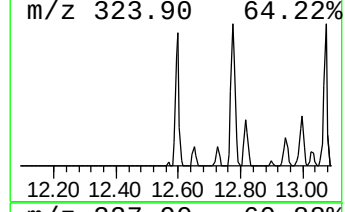
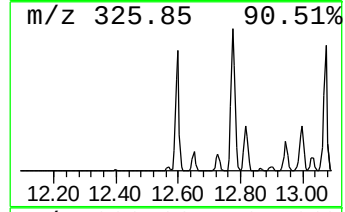
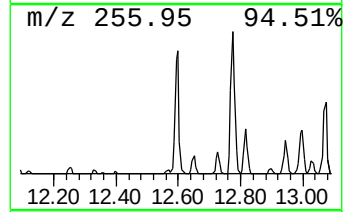
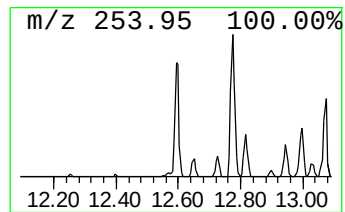
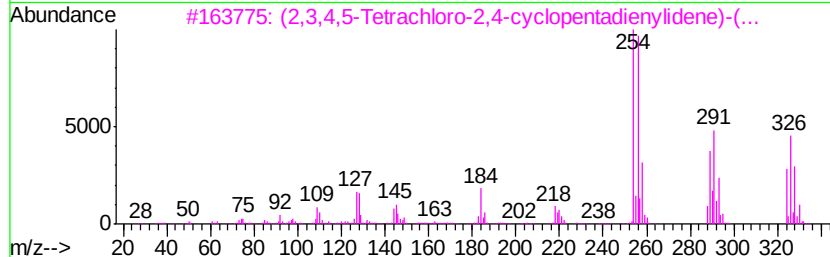
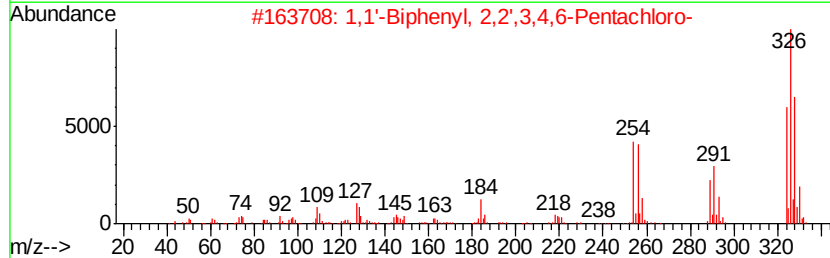
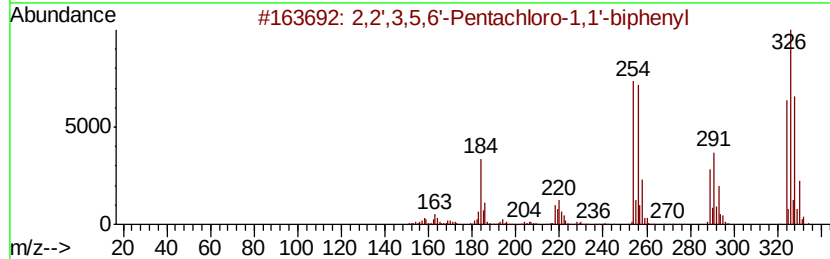
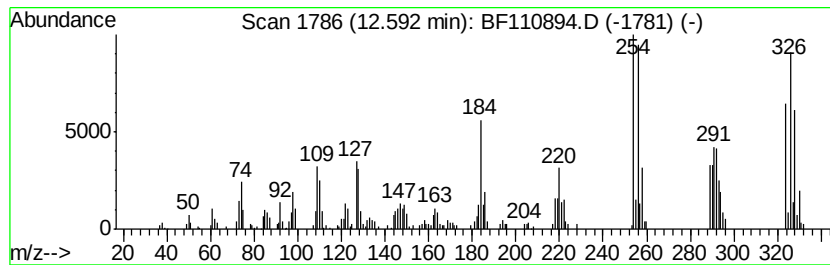
Instrument :
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ClientSampleId :
RS-CON-WALL-1

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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 7 2,2',3,5,6'-Pentachloro-1,1... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.59	12.22 ng	419000	Phenanthrene-d10	11.48	
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	1,1'-Biphenyl, 2,2',3,4,6-Pentac...	324	C12H5Cl5	055215-17-3	99
3	(2,3,4,5-Tetrachloro-2,4-cyclope...	324	C12H5Cl5	029887-33-0	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



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112018\
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Misc :
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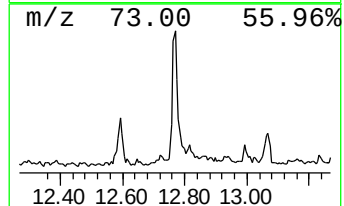
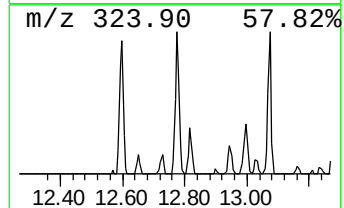
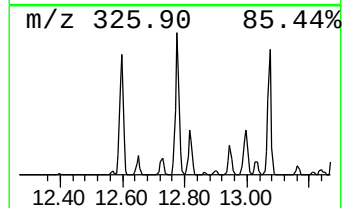
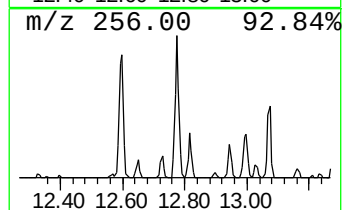
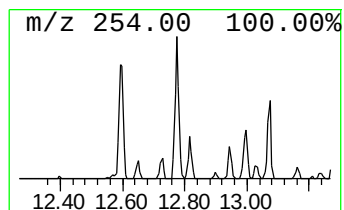
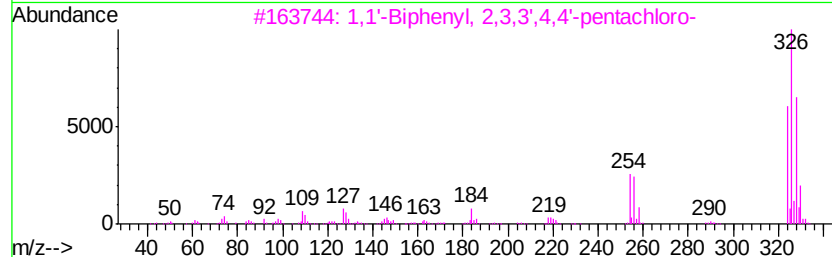
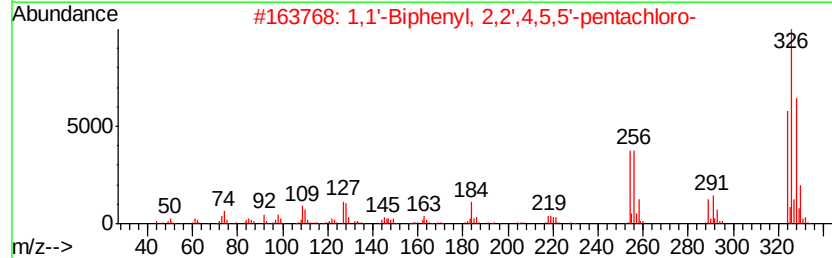
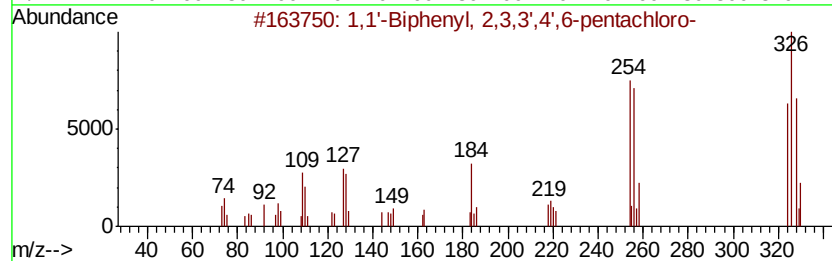
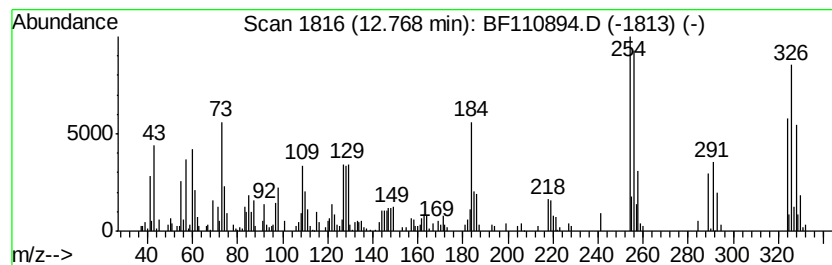
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF110818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.77	11.60 ng	398023	Phenanthrene-d10	11.48	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,3,3',4',6-penta...	324	C12H5Cl5	038380-03-9	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	2,3,3',4,5'-Pentachloro-1,1'-bip...	324	C12H5Cl5	070362-41-3	99
5	1,1'-Biphenyl, 2,2',4,6,6'-Penta...	324	C12H5Cl5	056558-16-8	99



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112018\
Data File : BF110894.D
Acq On : 20 Nov 2018 15:11
Operator : JU/SJ
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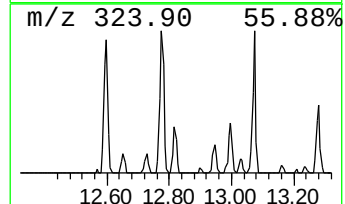
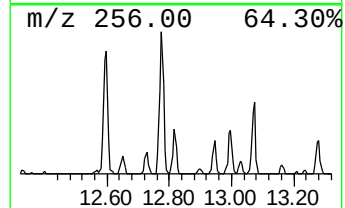
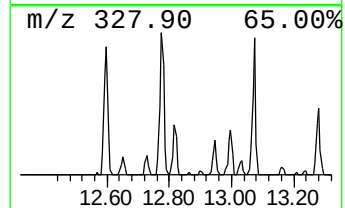
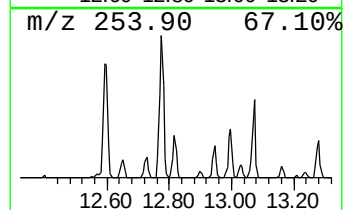
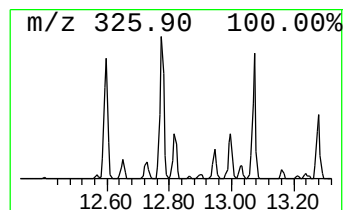
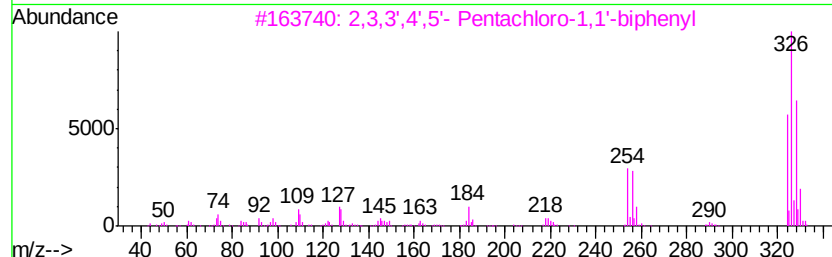
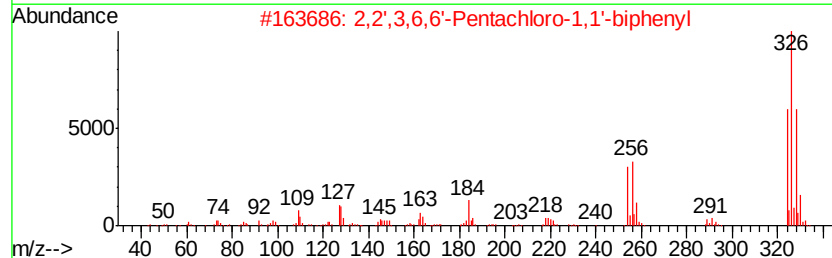
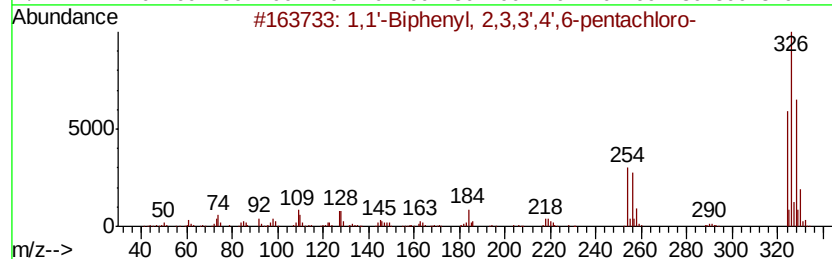
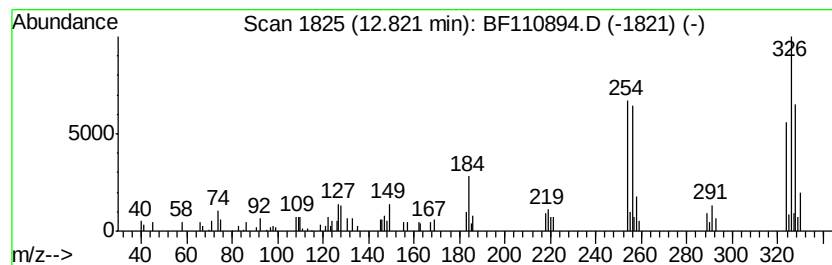
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 2,2',3,6,6'-Pentachloro-1,1... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.82	3.99 ng	89496	Chrysene-d12	14.13

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,1'-Biphenyl, 2,3,3',4',6-penta...	324	C12H5Cl5	038380-03-9	99
2		2,2',3,6,6'-Pentachloro-1,1'-bip...	324	C12H5Cl5	073575-54-9	99
3		2,3,3',4',5'- Pentachloro-1,1'-b...	324	C12H5Cl5	076842-07-4	99
4		1,1'-Biphenyl, 2,2',4,4',5-penta...	324	C12H5Cl5	038380-01-7	99
5		1,1'-Biphenyl, 2,2',4,6,6'-Penta...	324	C12H5Cl5	056558-16-8	99



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112018\
Data File : BF110894.D
Acq On : 20 Nov 2018 15:11
Operator : JU/SJ
Sample : J6006-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
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ClientSampleId :
RS-CON-WALL-1

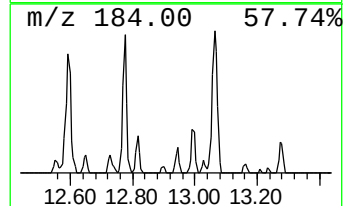
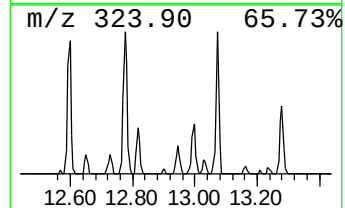
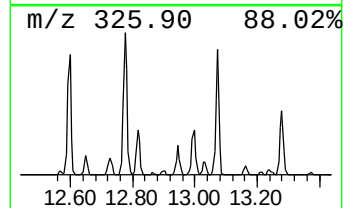
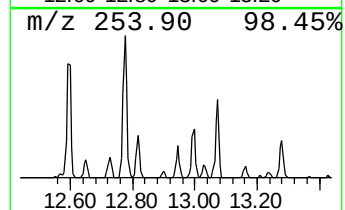
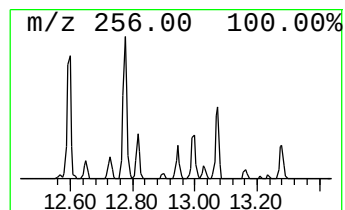
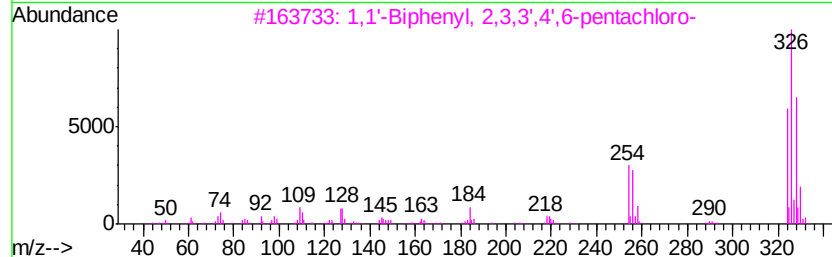
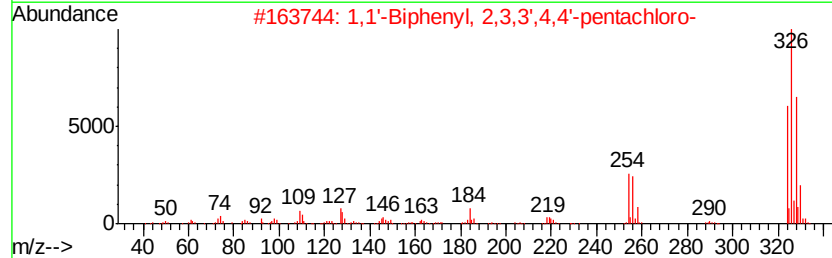
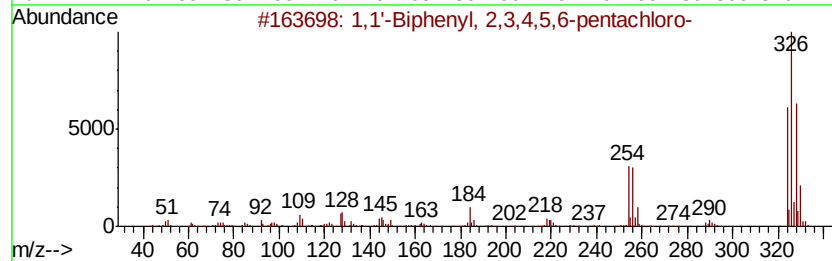
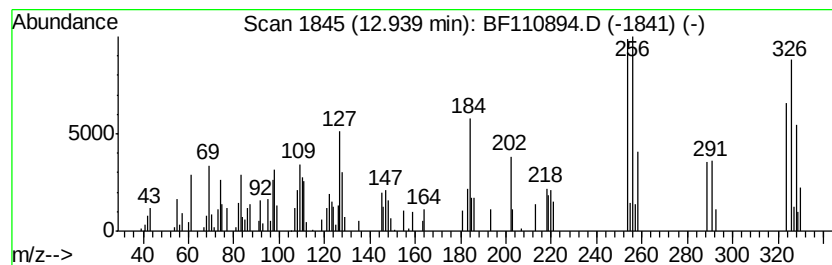
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 1,1'-Biphenyl, 2,3,4,5,6-pe... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.94	4.30 ng	96535	Chrysene-d12	14.13

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,1'-Biphenyl, 2,3,4,5,6-pentach...	324	C12H5Cl5	018259-05-7	99
2		1,1'-Biphenyl, 2,3,3',4,4'-penta...	324	C12H5Cl5	032598-14-4	99
3		1,1'-Biphenyl, 2,3,3',4',6-penta...	324	C12H5Cl5	038380-03-9	99
4		1,1'-Biphenyl, 2,3',4,4',5-penta...	324	C12H5Cl5	031508-00-6	99
5		2,3,3',4',5'- Pentachloro-1,1'-b...	324	C12H5Cl5	076842-07-4	99



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112018\
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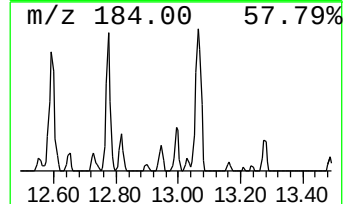
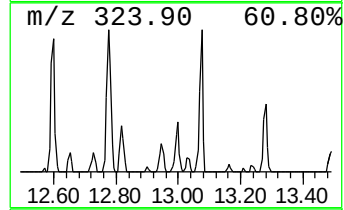
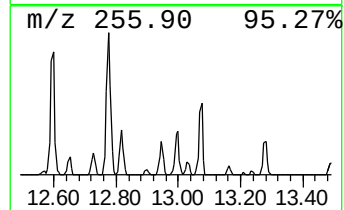
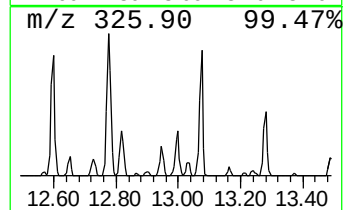
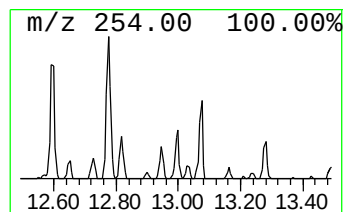
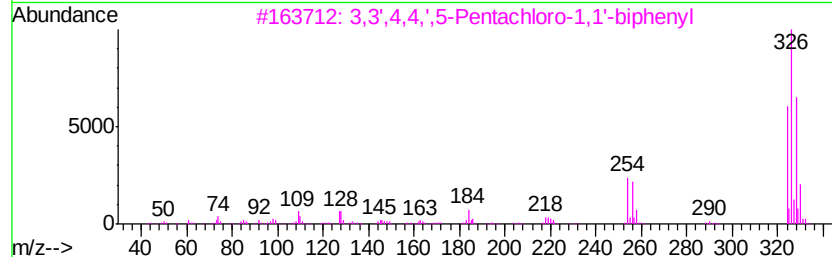
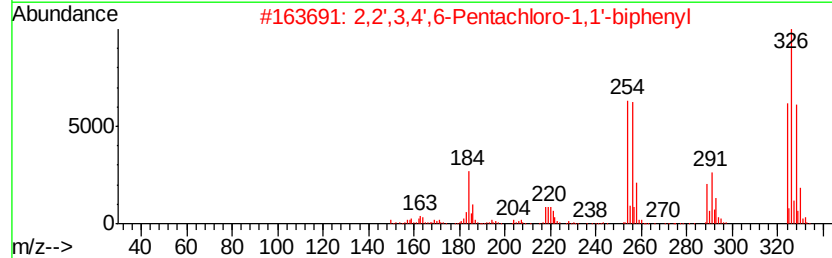
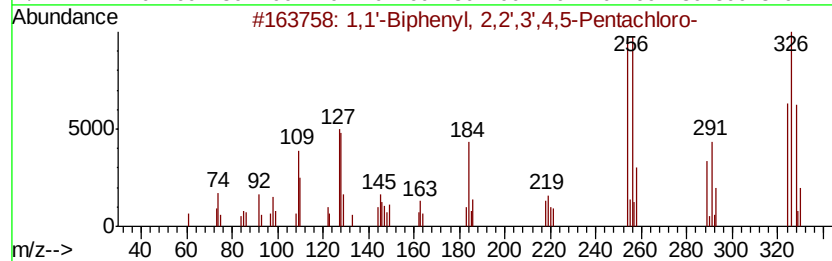
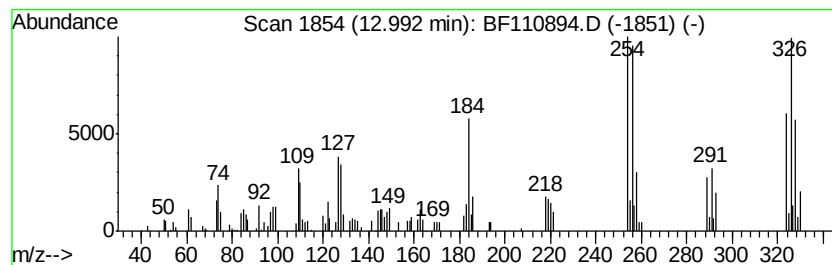
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 1,1'-Biphenyl, 2,2',3',4,5-... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.		
12.99	3.96 ng	88837	Chrysene-d12	14.13		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'	-Biphenyl, 2,2',3',4,5-Penta...	324	C12H5Cl5	041464-51-1	99
2	2,2',3,4',6-Pentachloro-1,1'-bip...		324	C12H5Cl5	068194-05-8	99
3	3,3',4,4',5-Pentachloro-1,1'-bi...		324	C12H5Cl5	057465-28-8	99
4	2,2',3,4,6'-Pentachloro-1,1'-bip...		324	C12H5Cl5	073575-57-2	99
5	1,1'-Biphenyl, 2,3,3',4',6-penta...		324	C12H5Cl5	038380-03-9	99



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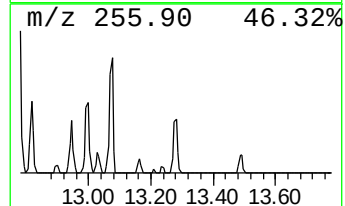
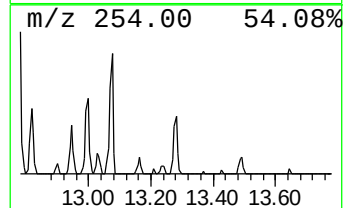
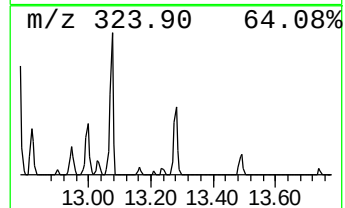
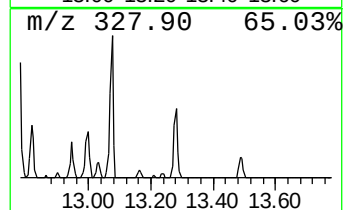
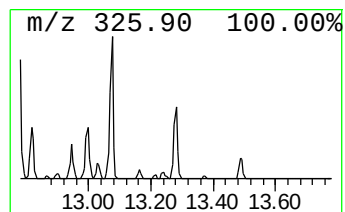
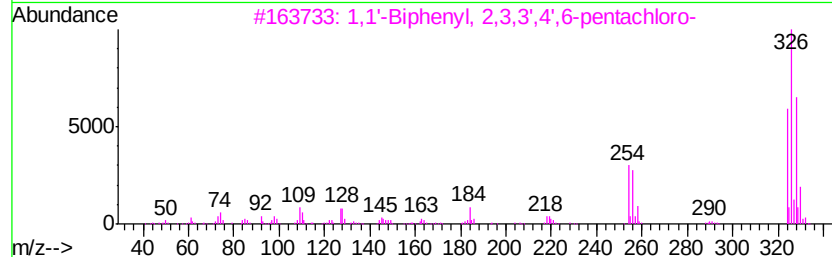
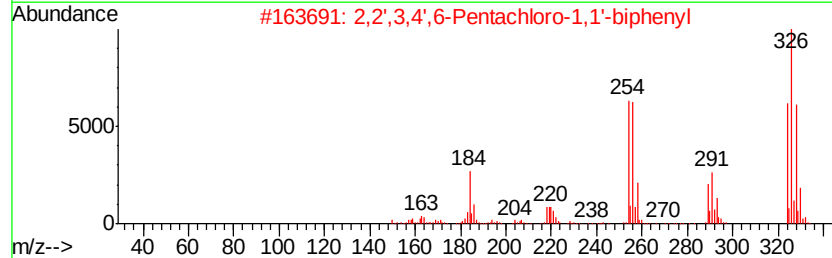
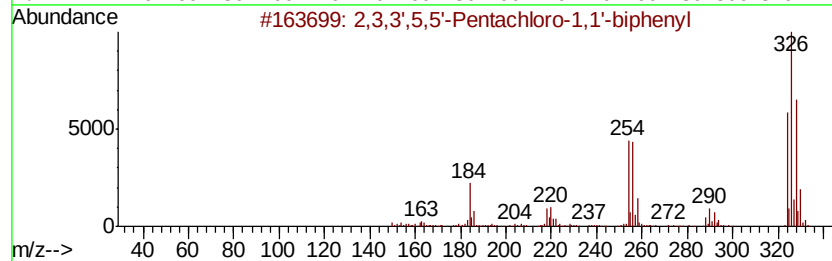
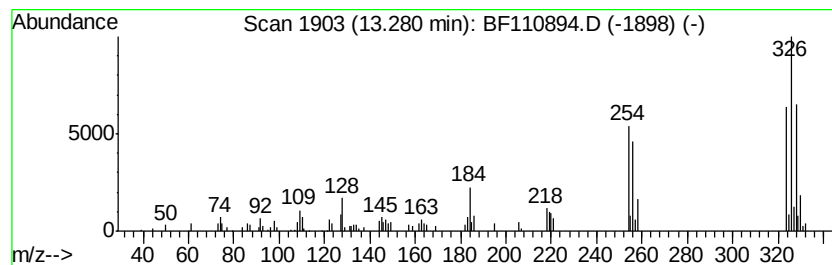
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 2,3,3',5,5'-Pentachloro-1,1... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.28	5.31 ng	119046	Chrysene-d12	14.13

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,3,3',5,5'-Pentachloro-1,1'-bip...	324	C12H5Cl5	039635-32-0	99		
2	2,2',3,4',6-Pentachloro-1,1'-bip...	324	C12H5Cl5	068194-05-8	99		
3	1,1'-Biphenyl, 2,3,3',4',6-penta...	324	C12H5Cl5	038380-03-9	99		
4	2,3,3',5,5'-Pentachloro-1,1'-bi...	324	C12H5Cl5	068194-10-5	99		
5	2,3,3',4',5-Pentachloro-1,1'-bip...	324	C12H5Cl5	070424-68-9	99		



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112018\
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Acq On : 20 Nov 2018 15:11
Operator : JU/SJ
Sample : J6006-01
Misc :
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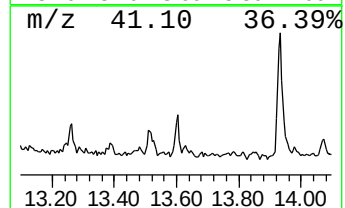
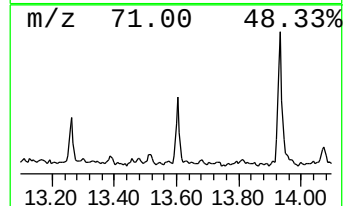
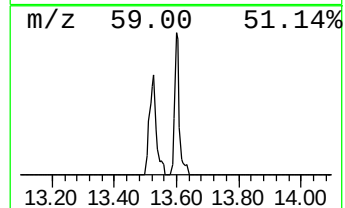
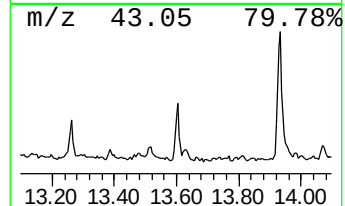
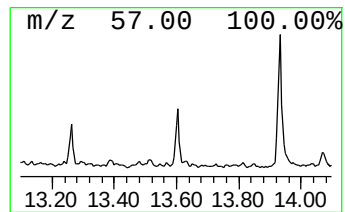
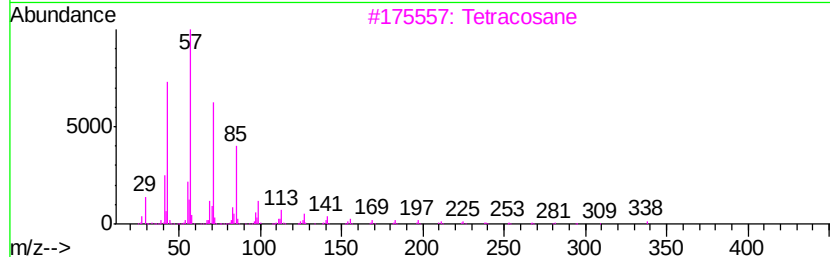
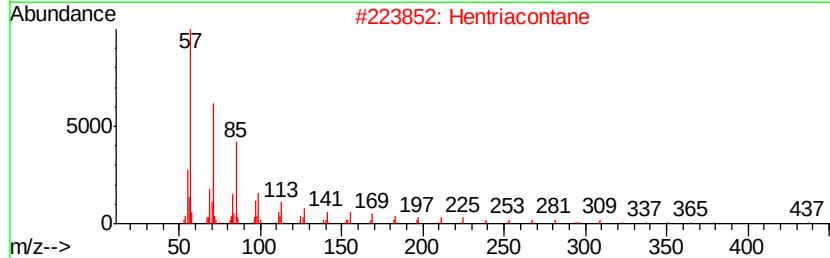
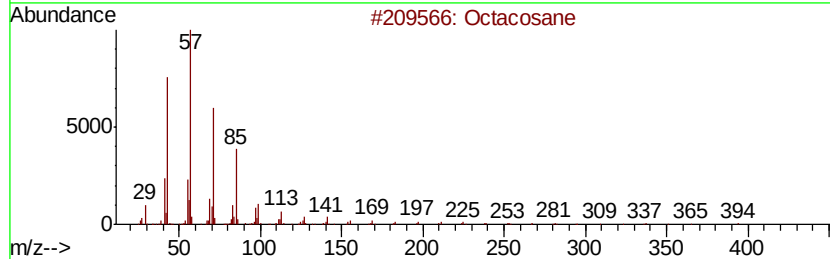
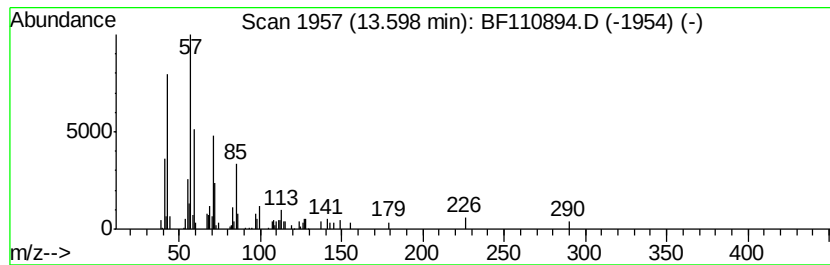
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF110818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Hentriacontane Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.60	3.18 ng	71344	Chrysene-d12	14.13
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Octacosane	394 C28H58	000630-02-4 74
2		Hentriacontane	437 C31H64	000630-04-6 72
3		Tetracosane	338 C24H50	000646-31-1 68
4		Hexatriacontane	507 C36H74	000630-06-8 68
5		Tetratetracontane	619 C44H90	007098-22-8 68



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112018\
Data File : BF110894.D
Acq On : 20 Nov 2018 15:11
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Misc :
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Instrument :
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ClientSampleId :
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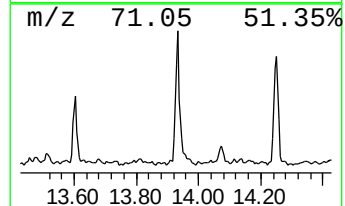
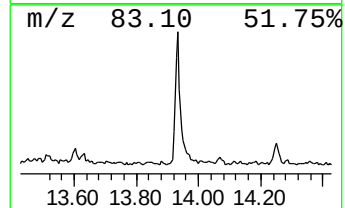
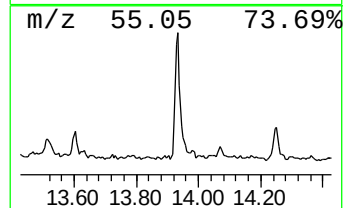
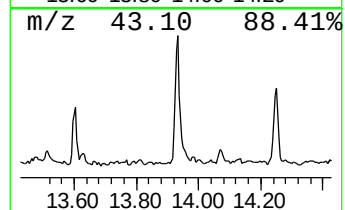
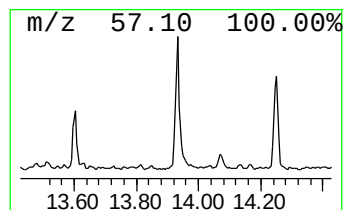
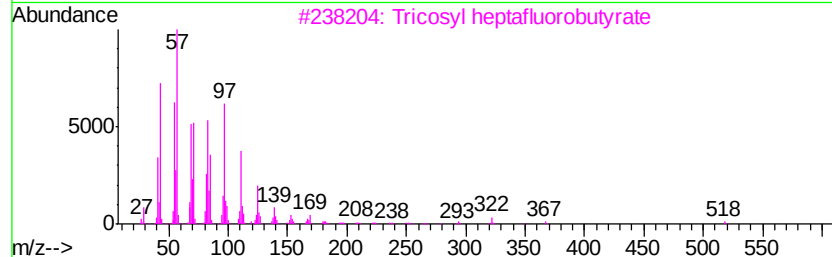
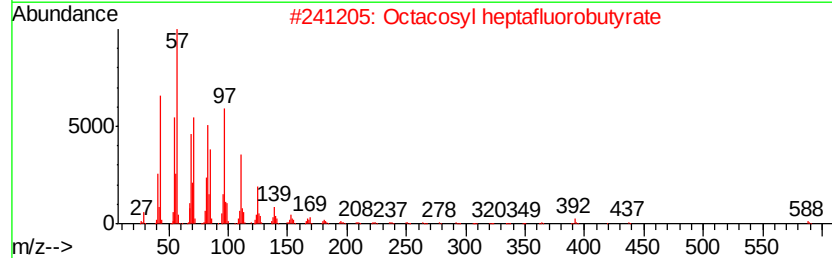
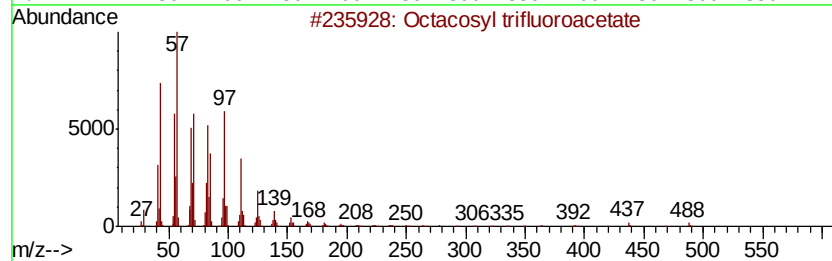
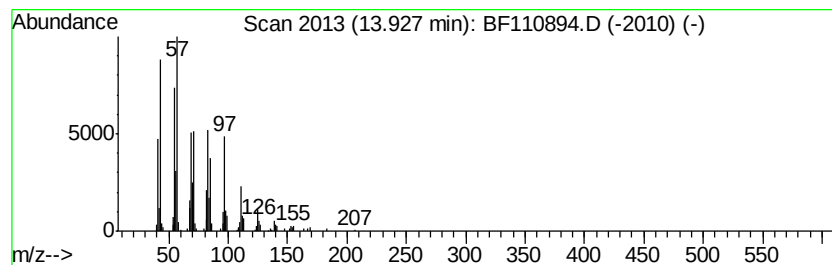
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Octacosyl trifluoroacetate Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.93	11.28 ng	252928	Chrysene-d12	14.13

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octacosyl trifluoroacetate	506	C30H57F3O2	1000351-74-9	91
2		Octacosyl heptafluorobutyrate	606	C32H57F7O2	1000351-83-6	91
3		Tricosyl heptafluorobutyrate	536	C27H47F7O2	1000351-83-4	91
4		Dotriacontyl pentafluoropropionate	612	C35H65F5O2	1000351-81-4	91
5		Triacontyl pentafluoropropionate	584	C33H61F5O2	1000351-80-0	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112018\
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Sample : J6006-01
Misc :
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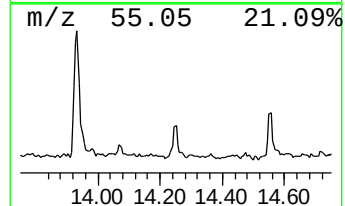
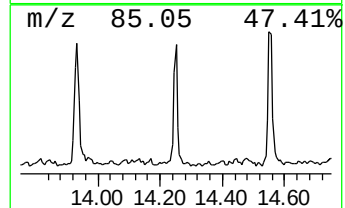
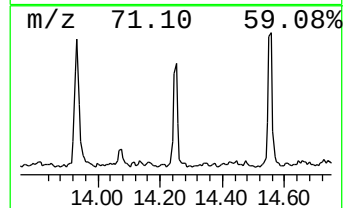
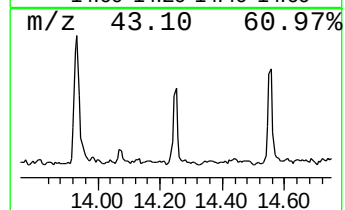
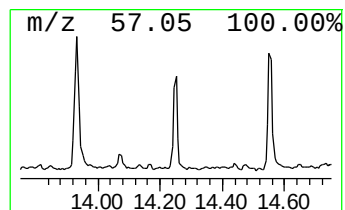
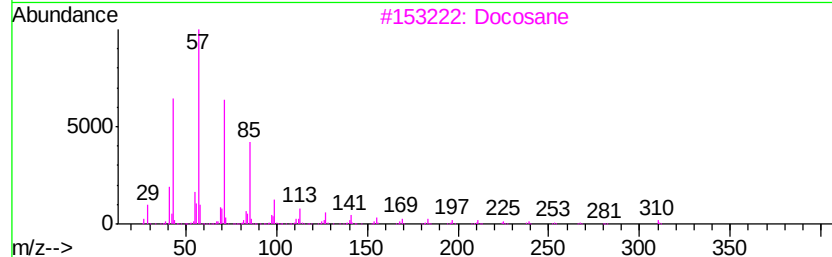
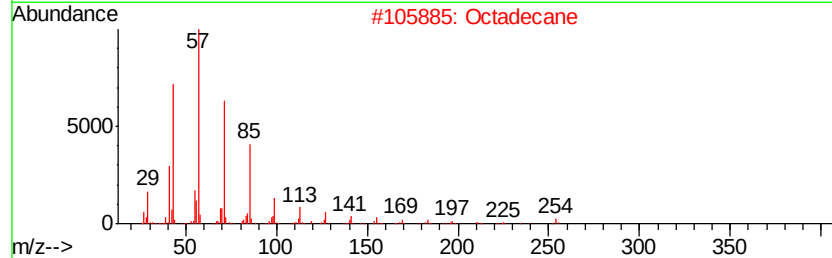
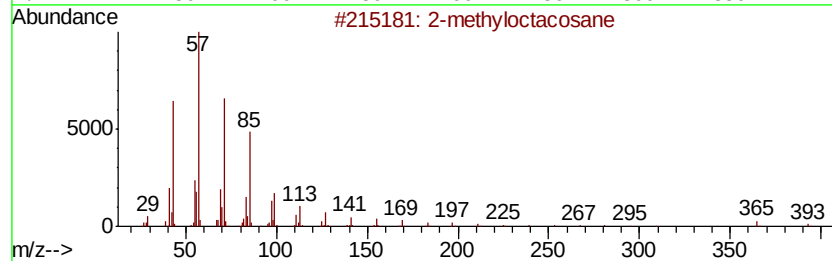
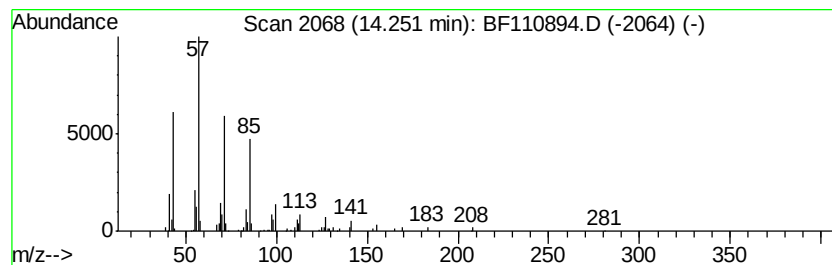
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 2-methyloctacosane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.25	4.08 ng	91490	Chrysene-d12	14.13
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	2-methyloctacosane	408 C29H60	1000376-72-8	91
2	Octadecane	254 C18H38	000593-45-3	91
3	Docosane	310 C22H46	000629-97-0	90
4	Hexadecane	226 C16H34	000544-76-3	90
5	2-Bromotetradecane	276 C14H29Br	074036-95-6	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112018\
Data File : BF110894.D
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Operator : JU/SJ
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Misc :
ALS Vial : 10 Sample Multiplier: 1

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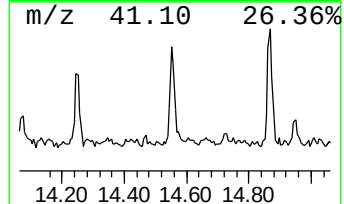
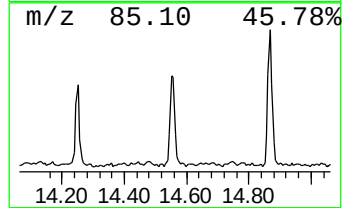
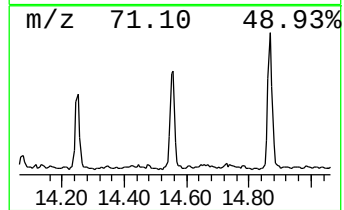
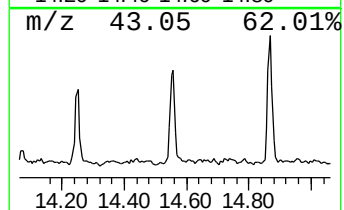
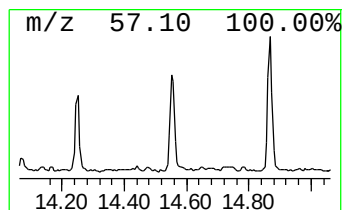
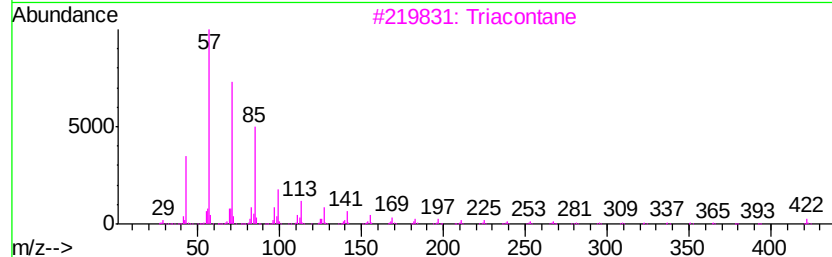
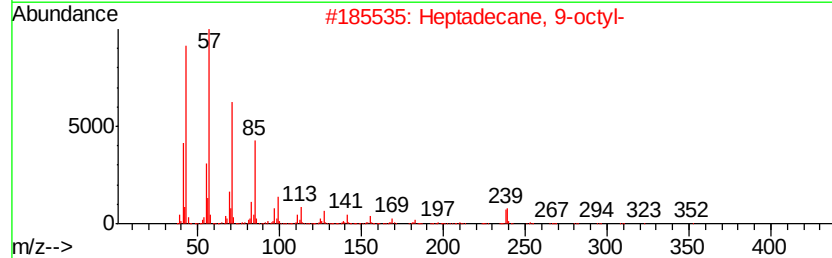
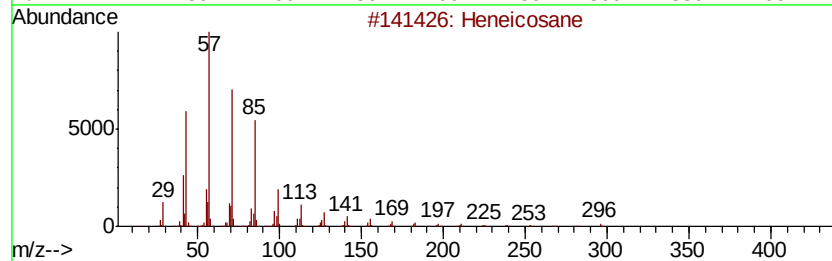
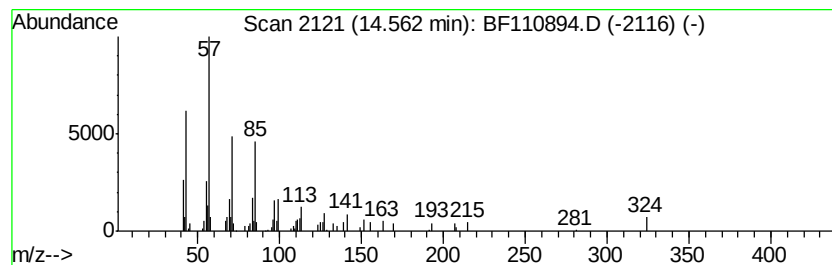
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Heneicosane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.56	6.42 ng	143878	Chrysene-d12	14.13

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	91
2		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
3		Triacontane	422	C30H62	000638-68-6	91
4		Hentriacontane	437	C31H64	000630-04-6	91
5		Octacosane	394	C28H58	000630-02-4	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112018\
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Acq On : 20 Nov 2018 15:11
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Misc :
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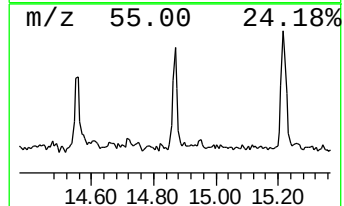
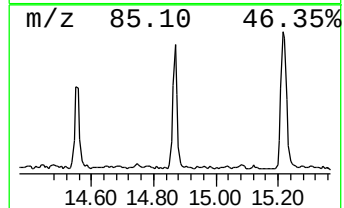
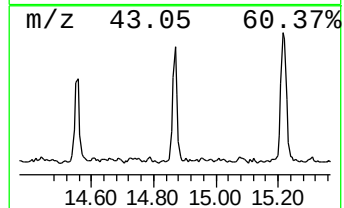
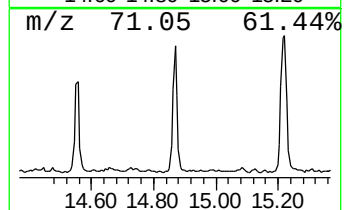
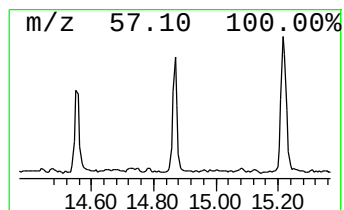
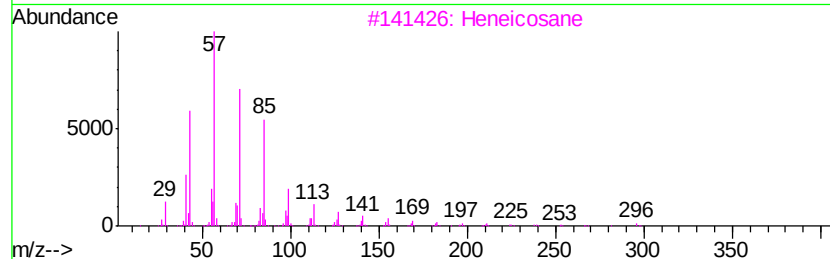
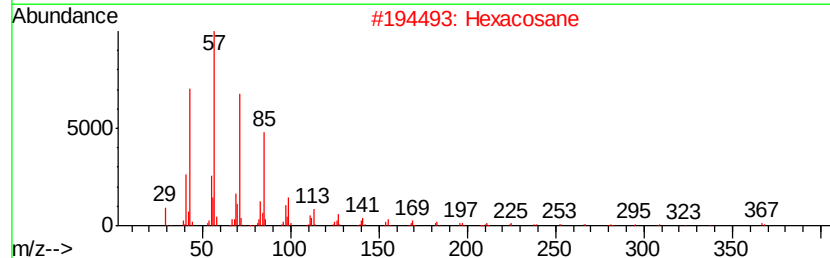
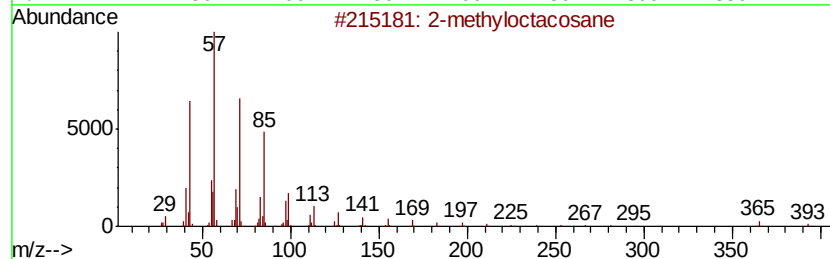
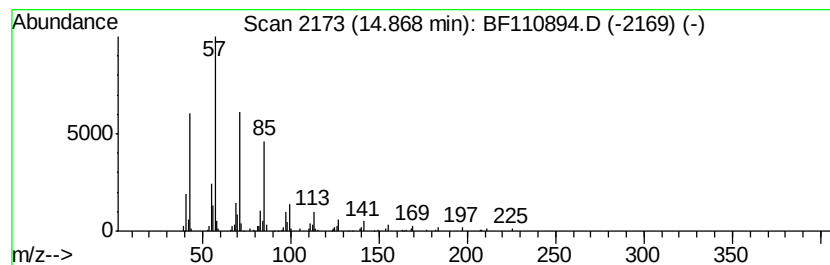
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Hexacosane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.87	7.93 ng	177953	Chrysene-d12	14.13

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-methyloctacosane	408	C29H60	1000376-72-8	91
2		Hexacosane	366	C26H54	000630-01-3	91
3		Heneicosane	296	C21H44	000629-94-7	91
4		Tetracosane	338	C24H50	000646-31-1	91
5		Heptacosane	380	C27H56	000593-49-7	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112018\
Data File : BF110894.D
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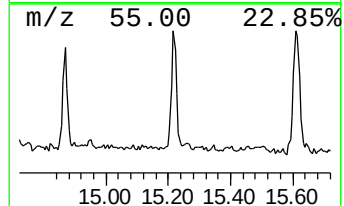
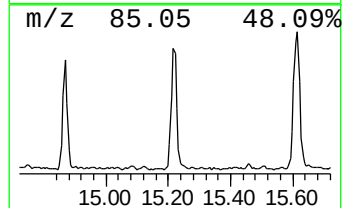
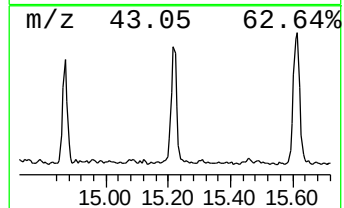
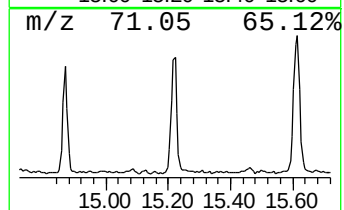
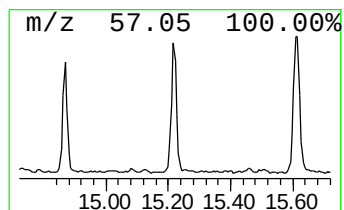
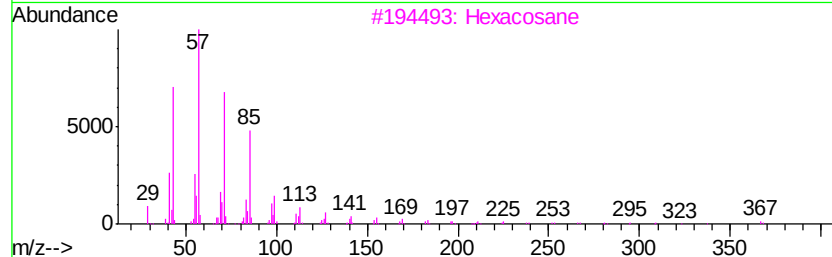
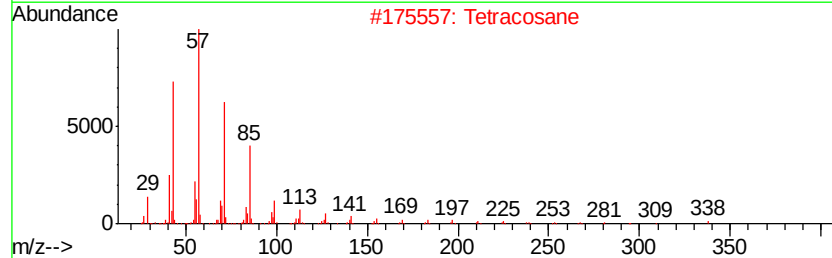
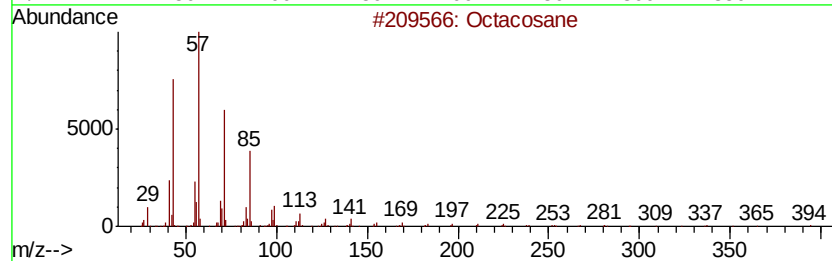
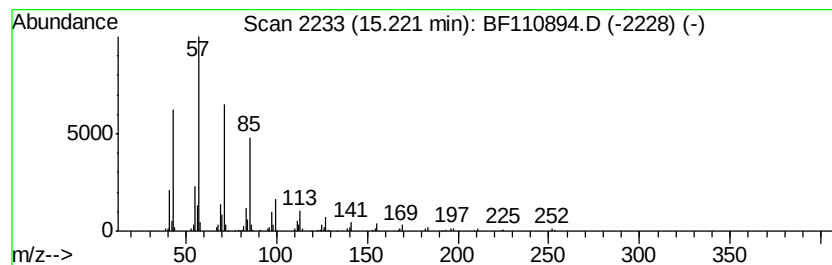
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 18 Octacosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.22	10.90 ng	239599	Perylene-d12	15.66

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octacosane	394	C28H58	000630-02-4	91
2		Tetracosane	338	C24H50	000646-31-1	91
3		Hexacosane	366	C26H54	000630-01-3	90
4		2-methyloctacosane	408	C29H60	1000376-72-8	90
5		Heneicosane	296	C21H44	000629-94-7	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112018\
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Sample : J6006-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
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ClientSampleId :
RS-CON-WALL-1

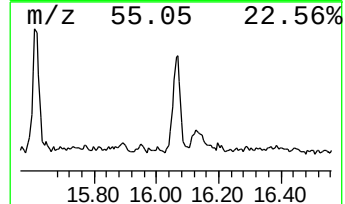
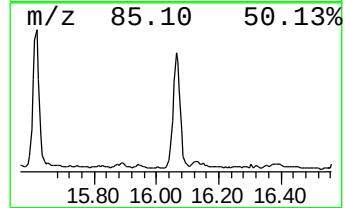
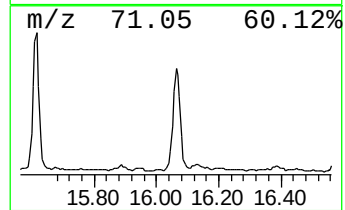
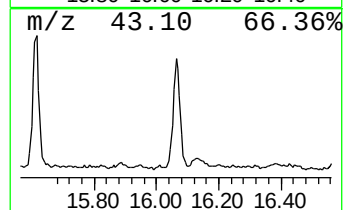
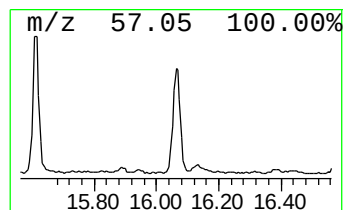
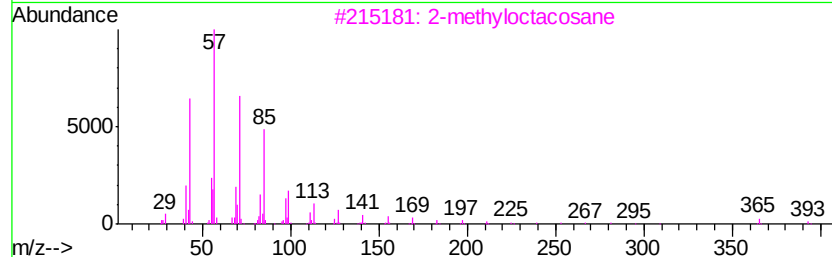
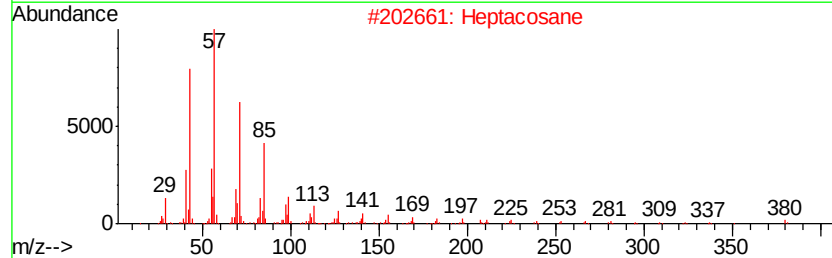
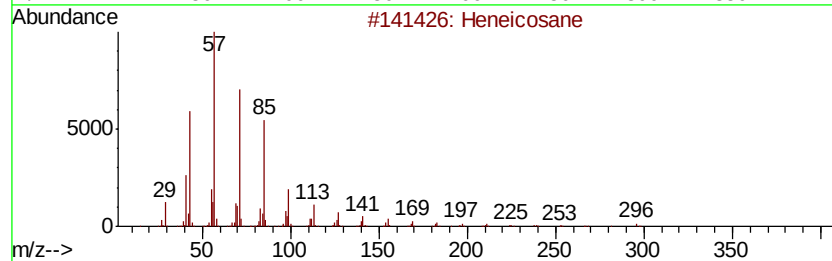
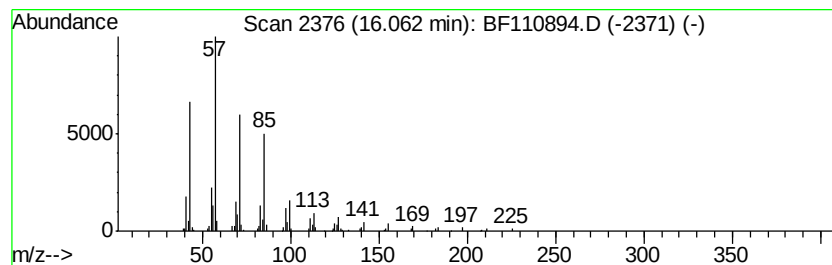
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Triacontane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.06	12.97 ng	285292	Perylene-d12	15.66

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	91
2		Heptacosane	380	C27H56	000593-49-7	91
3		2-methyloctacosane	408	C29H60	1000376-72-8	91
4		Octacosane	394	C28H58	000630-02-4	91
5		Triacontane	422	C30H62	000638-68-6	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112018\
Data File : BF110894.D
Acq On : 20 Nov 2018 15:11
Operator : JU/SJ
Sample : J6006-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RS-CON-WALL-1

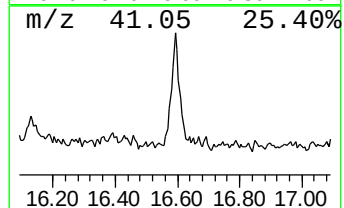
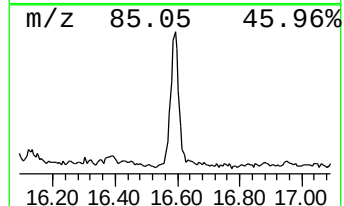
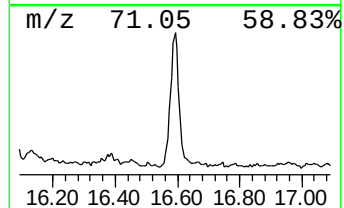
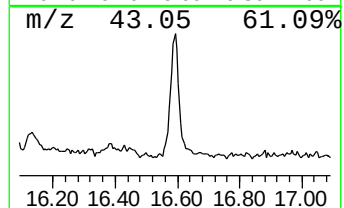
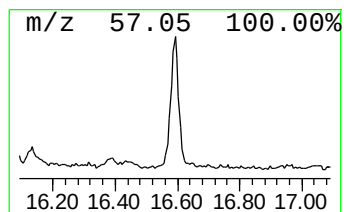
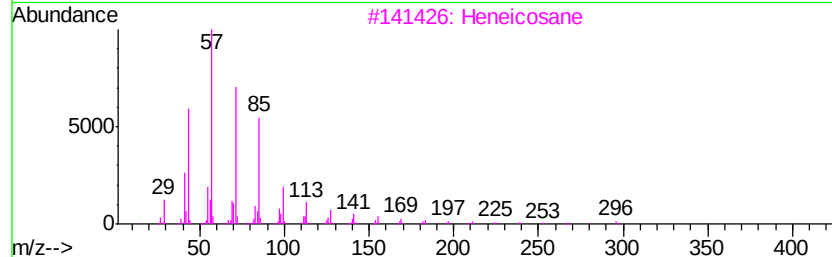
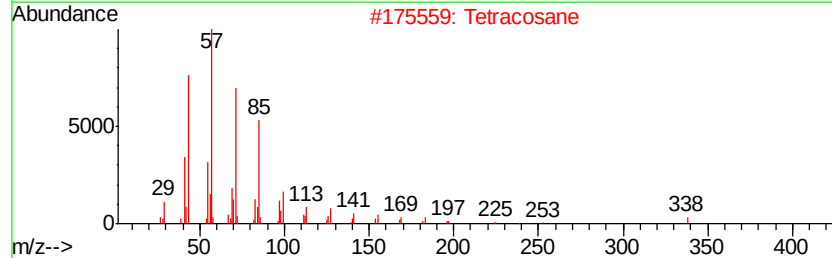
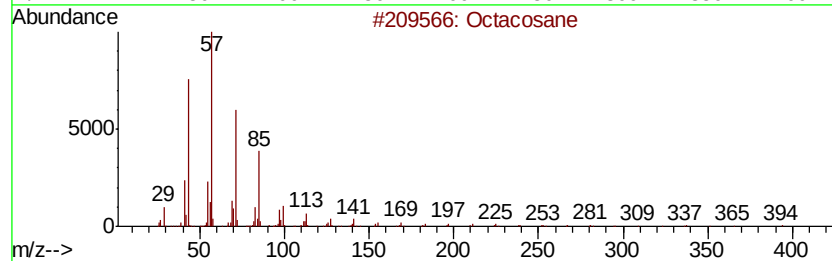
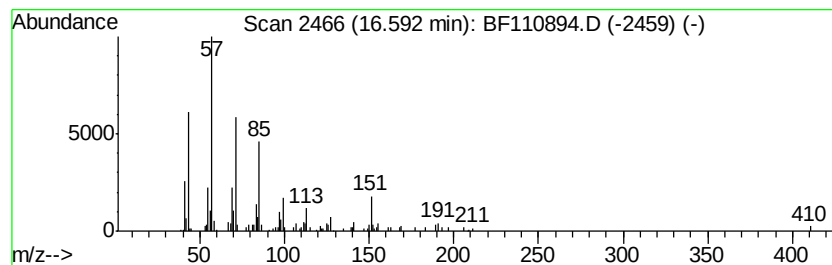
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Tetracosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.59	10.28 ng	226068	Perylene-d12	15.66

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octacosane	394	C28H58	000630-02-4	87
2		Tetracosane	338	C24H50	000646-31-1	87
3		Heneicosane	296	C21H44	000629-94-7	87
4		Hexacosane	366	C26H54	000630-01-3	87
5		Eicosane	282	C20H42	000112-95-8	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF112018\
 Data File : BF110894.D
 Acq On : 20 Nov 2018 15:11
 Operator : JU/SJ
 Sample : J6006-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RS-CON-WALL-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110818.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...	2.25	7.3	ng	162466	1	6.94	444585	20.0
2-Pentanone, 4-hy...	5.19	4.8	ng	106140	1	6.94	444585	20.0
unknown6.71	6.71	102.3	ng	2273710	1	6.94	444585	20.0
n-Hexadecanoic acid	11.99	10.6	ng	364171	4	11.48	686017	20.0
2,2',3,6-Tetrachl...	12.08	7.3	ng	249764	4	11.48	686017	20.0
2,2',3,5,6'-Penta...	12.59	12.2	ng	419000	4	11.48	686017	20.0
1,1'-Biphenyl, 2,...	12.77	11.6	ng	398023	4	11.48	686017	20.0
2,2',3,6,6'-Penta...	12.82	4.0	ng	89496	5	14.13	448539	20.0
1,1'-Biphenyl, 2,...	12.94	4.3	ng	96535	5	14.13	448539	20.0
1,1'-Biphenyl, 2,...	12.99	4.0	ng	88837	5	14.13	448539	20.0
2,3,3',5,5'-Penta...	13.28	5.3	ng	119046	5	14.13	448539	20.0
Hentriacontane	13.60	3.2	ng	71344	5	14.13	448539	20.0
Octacosyl trifluo...	13.93	11.3	ng	252928	5	14.13	448539	20.0
2-methyloctacosane	14.25	4.1	ng	91490	5	14.13	448539	20.0
Heneicosane	14.56	6.4	ng	143878	5	14.13	448539	20.0
Hexacosane	14.87	7.9	ng	177953	5	14.13	448539	20.0
Octacosane	15.22	10.9	ng	239599	6	15.66	439831	20.0
Triacontane	16.06	13.0	ng	285292	6	15.66	439831	20.0
Tetracosane	16.59	10.3	ng	226068	6	15.66	439831	20.0