

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF122618\
 Data File : BF111709.D
 Acq On : 26 Dec 2018 12:08
 Operator : JU/SJ
 Sample : J6446-04
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P001-SS026-0612-01

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	2.205	15	20	25	rVB	46595	65032	1.68%	0.086%
2	4.004	322	326	332	rBV	142471	191154	4.94%	0.252%
3	5.116	511	515	521	rVB	199510	230083	5.94%	0.304%
4	5.534	581	586	589	rVB	3130152	2799937	72.33%	3.698%
5	6.193	694	698	702	rBV	96744	83042	2.15%	0.110%
6	6.540	752	757	761	rBV	3114300	3118291	80.55%	4.118%
7	6.610	766	769	773	rVB2	75308	70337	1.82%	0.093%
8	6.675	776	780	783	rBV	3493196	2977350	76.91%	3.932%
9	6.904	815	819	822	rBV	1139941	1019080	26.32%	1.346%
10	7.057	842	845	849	rVB	2699718	2309409	59.66%	3.050%
11	7.457	908	913	916	rBV	2190750	1859303	48.03%	2.456%
12	8.187	1033	1037	1040	rBV	1320624	1228671	31.74%	1.623%
13	8.222	1040	1043	1046	rVB2	40195	51221	1.32%	0.068%
14	9.257	1215	1219	1222	rBV	4068003	3193001	82.48%	4.217%
15	9.357	1232	1236	1239	rVV4	46484	53505	1.38%	0.071%
16	9.386	1239	1241	1246	rVB	71069	60874	1.57%	0.080%
17	9.492	1254	1259	1263	rBV	83829	81182	2.10%	0.107%
18	9.645	1282	1285	1290	rVB	838665	681637	17.61%	0.900%
19	9.939	1331	1335	1339	rVB	1572931	1351342	34.91%	1.785%
20	10.339	1400	1403	1406	rBV2	57106	70334	1.82%	0.093%
21	10.722	1464	1468	1472	rBV	2158661	2083090	53.81%	2.751%
22	10.928	1499	1503	1507	rBV6	31479	54540	1.41%	0.072%
23	11.069	1524	1527	1532	rBV2	122294	153591	3.97%	0.203%
24	11.128	1534	1537	1542	rVV3	94376	100014	2.58%	0.132%
25	11.245	1554	1557	1560	rBV	150735	145781	3.77%	0.193%
26	11.398	1581	1583	1584	rBV	71228	54113	1.40%	0.071%
27	11.422	1584	1587	1590	rVV	1541406	1297415	33.51%	1.713%
28	11.469	1592	1595	1600	rVB2	284945	291748	7.54%	0.385%
29	11.539	1603	1607	1611	rVV	1250614	1031885	26.66%	1.363%
30	11.580	1611	1614	1619	rVV3	135826	139634	3.61%	0.184%
31	11.645	1622	1625	1632	rVB	152201	158311	4.09%	0.209%
32	11.880	1662	1665	1667	rBV4	59483	74659	1.93%	0.099%
33	11.951	1674	1677	1684	rVB	738137	653442	16.88%	0.863%
34	12.039	1689	1692	1694	rVV	254338	209102	5.40%	0.276%

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If leading or trailing edge < 100 prefer < Baseline drop else tangent >
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Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121918.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	12.075	1695	1698	1701	rVV	692017	588767	15.21%	0.778%
36	12.122	1704	1706	1712	rVB3	97109	101905	2.63%	0.135%
37	12.204	1718	1720	1723	rBV	96362	77147	1.99%	0.102%
38	12.286	1731	1734	1736	rBV3	104736	112381	2.90%	0.148%
39	12.316	1736	1739	1741	rVV3	73168	70046	1.81%	0.093%
40	12.463	1762	1764	1767	rBV4	89336	69296	1.79%	0.092%
41	12.510	1770	1772	1774	rVV2	139845	146200	3.78%	0.193%
42	12.551	1774	1779	1783	rVB3	796381	1034566	26.72%	1.366%
43	12.733	1807	1810	1814	rBV	1492619	1328959	34.33%	1.755%
44	12.886	1834	1836	1837	rBV	112386	87050	2.25%	0.115%
45	12.951	1844	1847	1850	rVB	188654	145577	3.76%	0.192%
46	13.010	1853	1857	1862	rVB	3494931	3556558	91.87%	4.697%
47	13.104	1870	1873	1876	rBV	1165389	973613	25.15%	1.286%
48	13.133	1876	1878	1885	rVB	538151	582526	15.05%	0.769%
49	13.198	1885	1889	1893	rBV	3061802	2815663	72.73%	3.719%
50	13.239	1893	1896	1900	rVV3	436347	589354	15.22%	0.778%
51	13.280	1901	1903	1905	rBV3	180381	125967	3.25%	0.166%
52	13.333	1909	1912	1915	rVV	536019	468121	12.09%	0.618%
53	13.386	1918	1921	1924	rVV	3219169	3086410	79.73%	4.076%
54	13.421	1924	1927	1931	rVV2	776332	812421	20.99%	1.073%
55	13.492	1935	1939	1943	rVV2	1525939	1533743	39.62%	2.026%
56	13.557	1947	1950	1952	rVV2	291330	302188	7.81%	0.399%
57	13.604	1952	1958	1962	rVV	2022799	2941098	75.97%	3.884%
58	13.639	1962	1964	1967	rVB	321225	255098	6.59%	0.337%
59	13.704	1972	1975	1979	rVB	1784456	1725287	44.57%	2.279%
60	13.751	1980	1983	1985	rBV	971598	817265	21.11%	1.079%
61	13.898	2004	2008	2012	rBV3	2328596	3702755	95.65%	4.890%
62	13.969	2018	2020	2022	rVB2	365607	265146	6.85%	0.350%
63	14.063	2034	2036	2039	rVB	1416752	1245937	32.18%	1.645%
64	14.104	2039	2043	2046	rBV	3013212	2922936	75.50%	3.860%
65	14.227	2062	2064	2066	rBV	225857	216695	5.60%	0.286%
66	14.269	2069	2071	2075	rVB	388591	383109	9.90%	0.506%
67	14.316	2076	2079	2082	rBV	1275729	1274815	32.93%	1.684%
68	14.357	2083	2086	2092	rBV5	702574	739697	19.11%	0.977%
69	14.404	2092	2094	2097	rBV	682460	560881	14.49%	0.741%
70	14.539	2113	2117	2124	rBV	3542642	3871239	100.00%	5.113%
71	14.633	2130	2133	2135	rBV3	239319	221671	5.73%	0.293%

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72	14.721	2145	2148	2150	rBV	326899	296315	7.65%	0.391%
73	14.780	2155	2158	2162	rVB	567039	574663	14.84%	0.759%
74	14.992	2191	2194	2198	rBV2	706578	775179	20.02%	1.024%
75	15.198	2224	2229	2230	rBV	1742798	2127682	54.96%	2.810%
76	15.551	2285	2289	2293	rBV	808640	1054308	27.23%	1.392%
77	15.786	2326	2329	2334	rVB	612384	760558	19.65%	1.004%
78	16.033	2367	2371	2375	rVV	763116	995459	25.71%	1.315%
79	16.074	2375	2378	2385	rVB	386711	582199	15.04%	0.769%
80	16.851	2505	2510	2517	rVB2	465983	857685	22.16%	1.133%

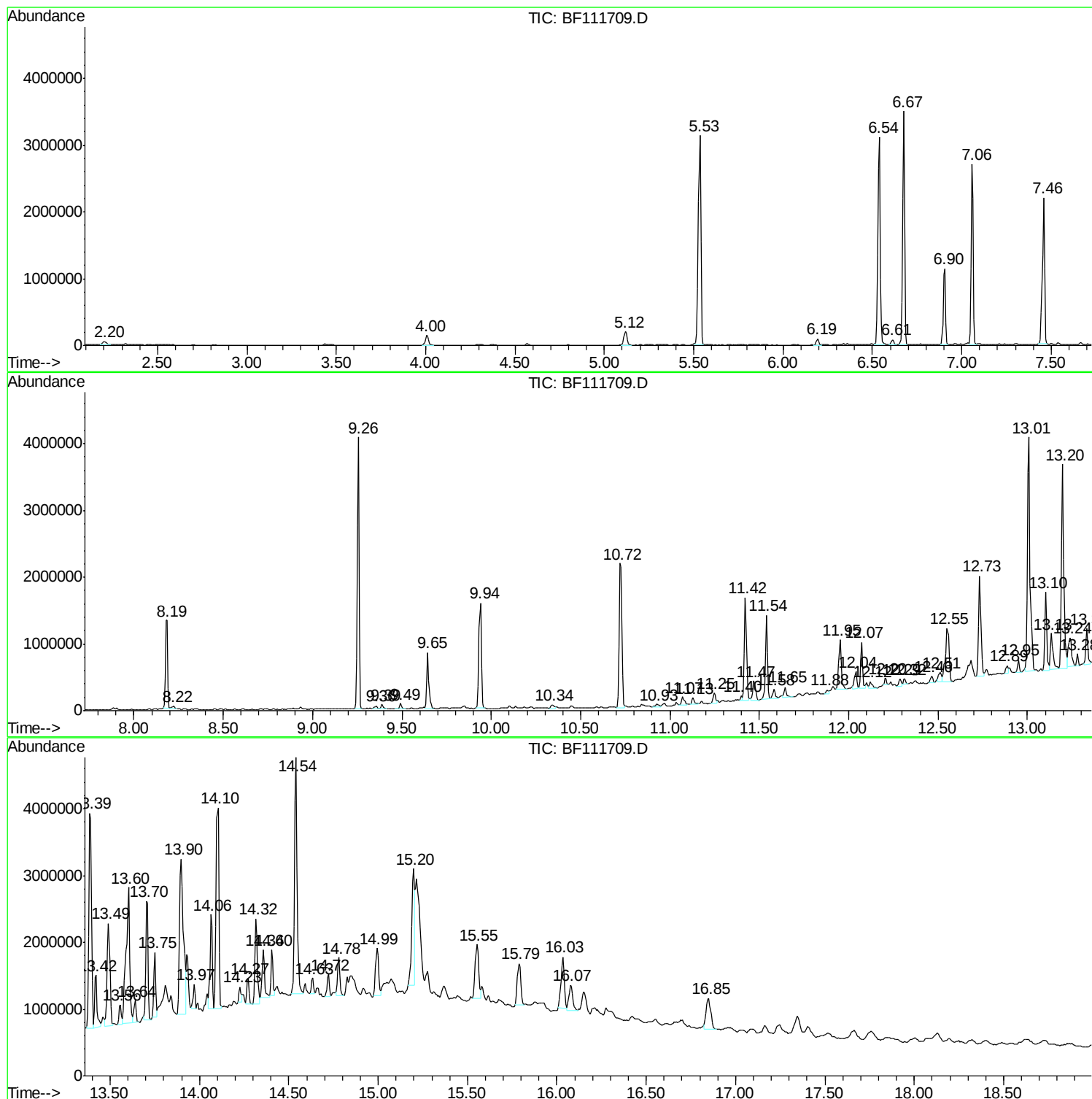
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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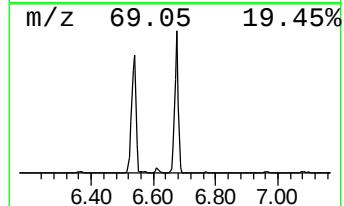
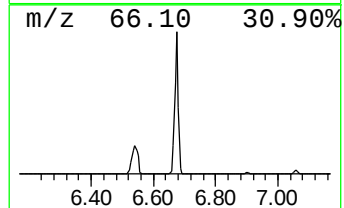
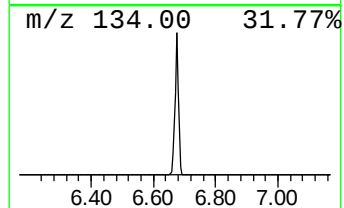
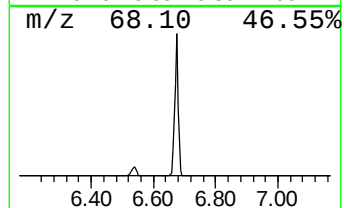
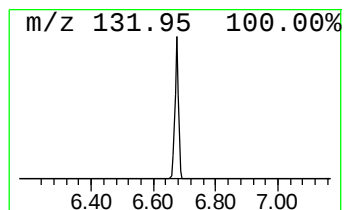
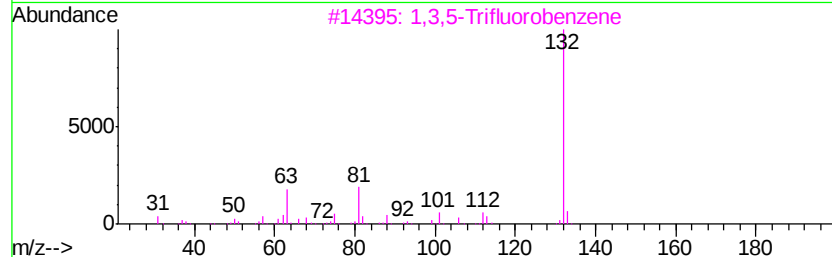
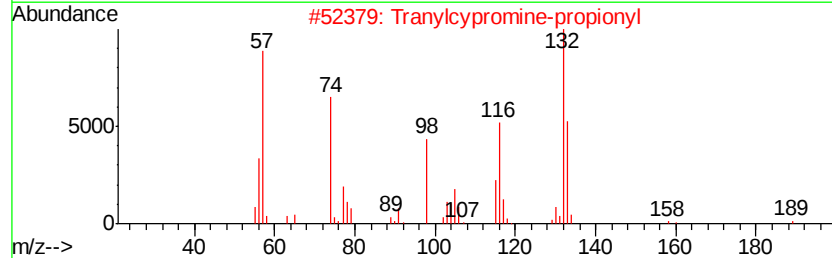
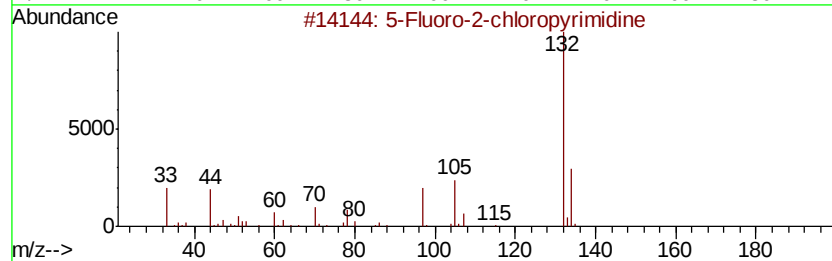
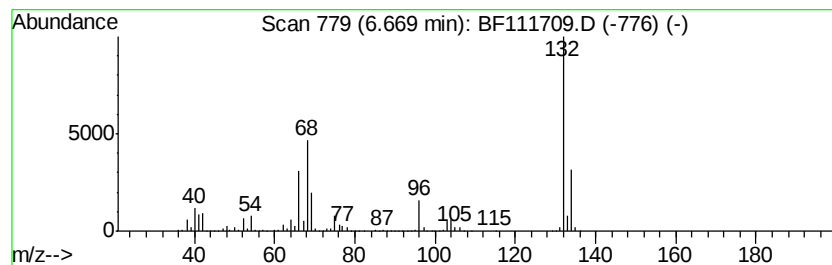
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown6.67 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.67	58.43 ng	2977350	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	16
2		Tranvlcyppromine-propionyl	189	C12H15NO	1000123-86-3	10
3		1,3,5-Trifluorobenzene	132	C6H3F3	000372-38-3	9
4		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5		Xenon	132	Xe	007440-63-3	9



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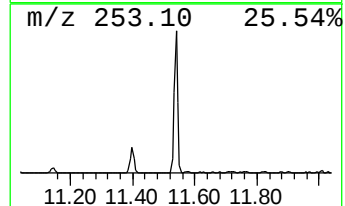
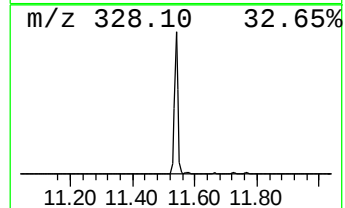
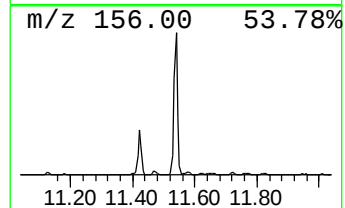
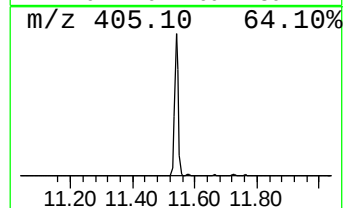
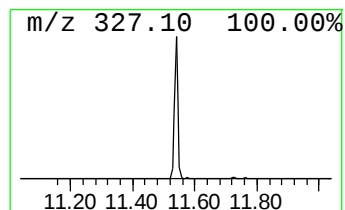
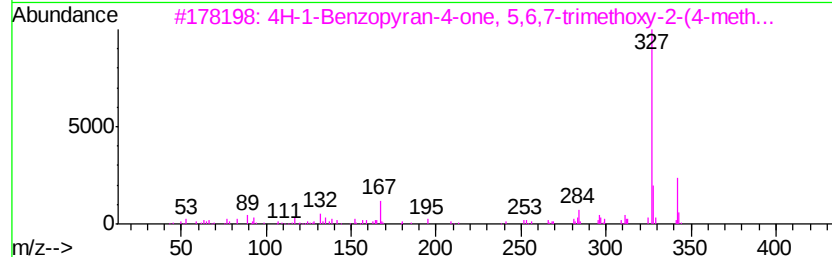
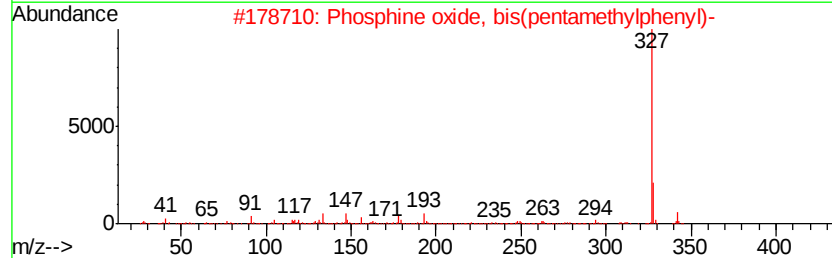
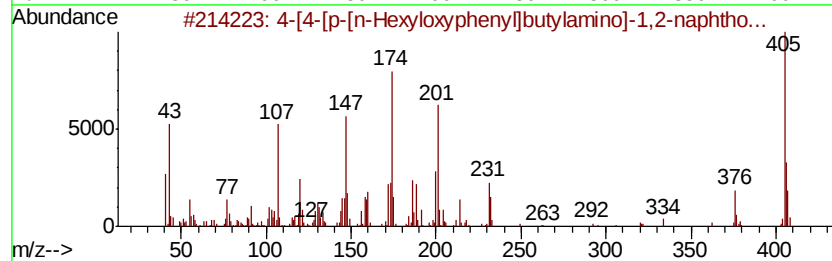
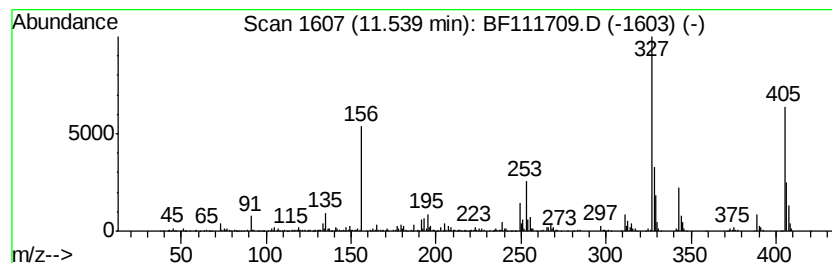
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 unknown11.54 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.54	15.91 ng	1031890	Phenanthrene-d10	11.42	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-[4-[p-[n-Hexyloxyphenyl]butyl]amino]-1,2-naphtho...	405	C26H31NO3	025107-58-8	25
2	Phosphine oxide, bis(pentamethylphenyl)-	342	C22H31OP	122085-61-4	12
3	4H-1-Benzopyran-4-one, 5,6,7-tri...	342	C19H18O6	001168-42-9	12
4	Bicyclo[4.1.0]hepta-2,4-diene, 2...	356	C27H32	1000158-07-0	12
5	Silane, dimethyl(2,3,5-trichloro...	340	C13H19Cl3O2Si	1000347-43-0	11



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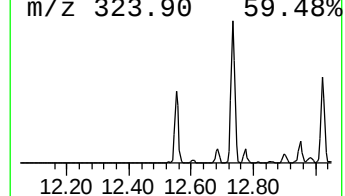
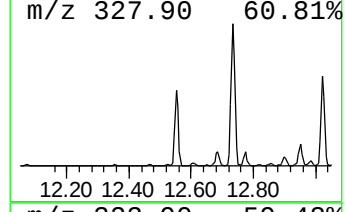
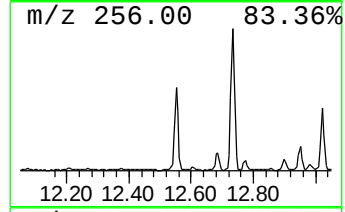
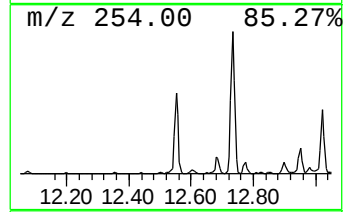
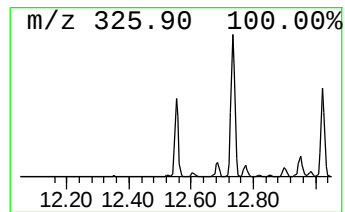
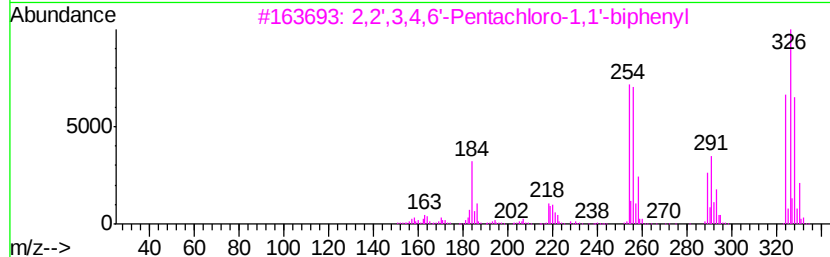
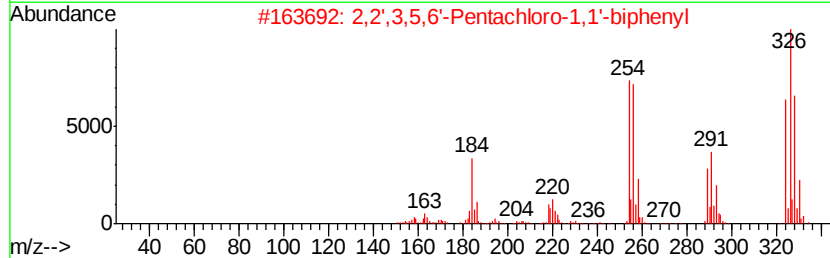
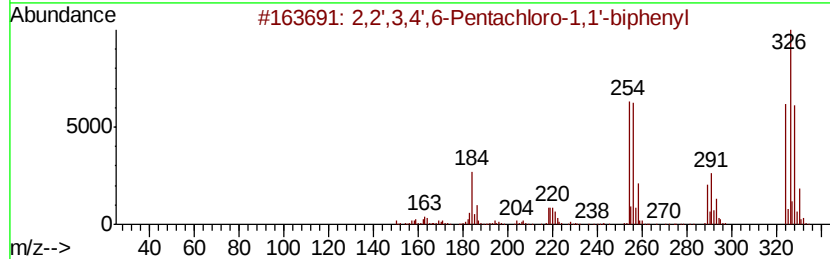
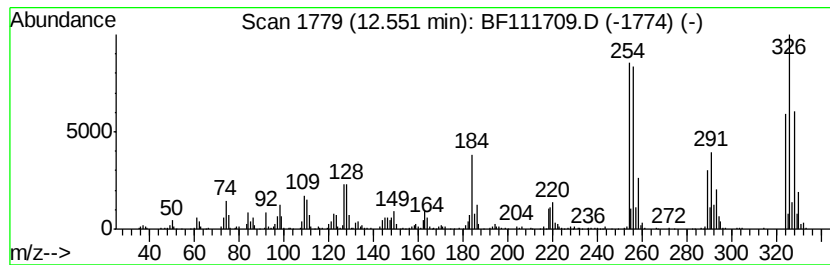
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 2,2',3,4',6-Pentachloro-1,1... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.55	15.95 ng	1034570	Phenanthrene-d10	11.42	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2',3,4',6-Pentachloro-1,1'-bip...	324	C12H5Cl5	068194-05-8	99
2	2,2',3,5,6'-Pentachloro-1,1'-bip...	324	C12H5Cl5	073575-55-0	99
3	2,2',3,4,6'-Pentachloro-1,1'-bip...	324	C12H5Cl5	073575-57-2	99
4	1,1'-Biphenyl, 2,2',3,3',5-penta...	324	C12H5Cl5	060145-20-2	99
5	1,1'-Biphenyl, 2,2',3',4,6-Penta...	324	C12H5Cl5	060233-25-2	99



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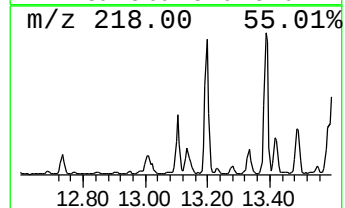
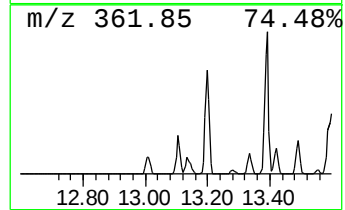
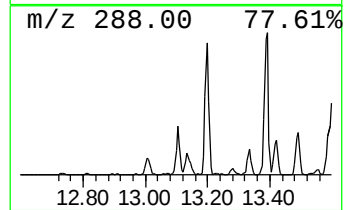
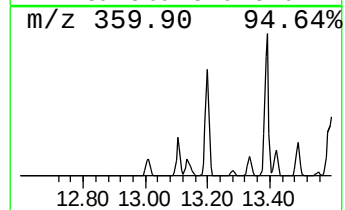
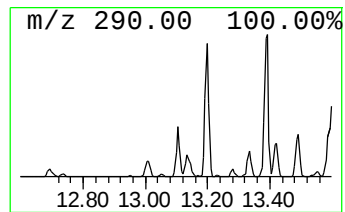
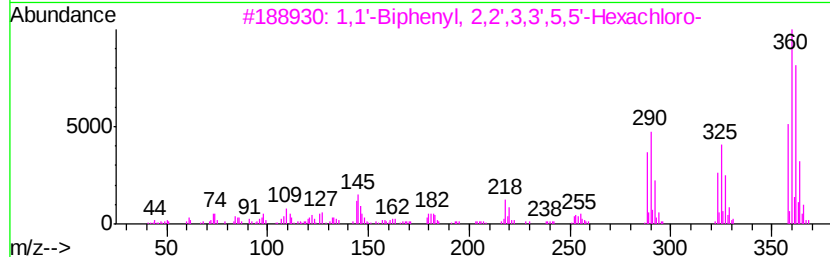
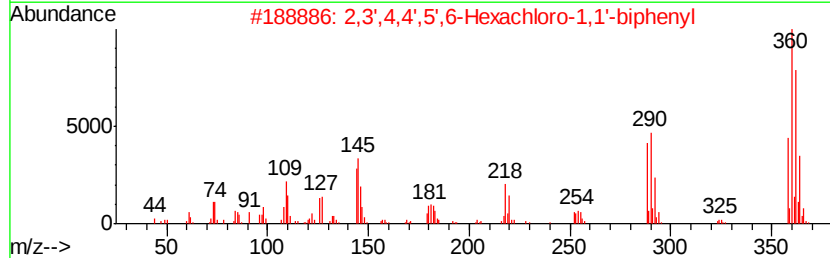
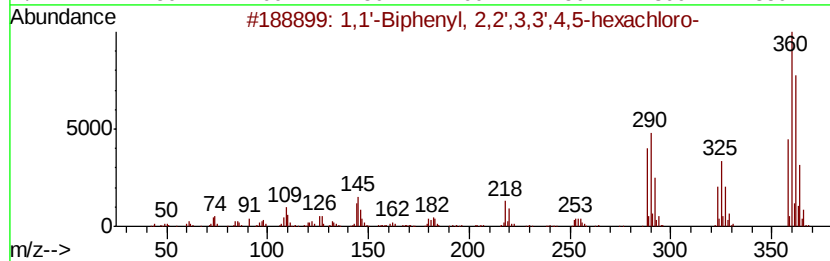
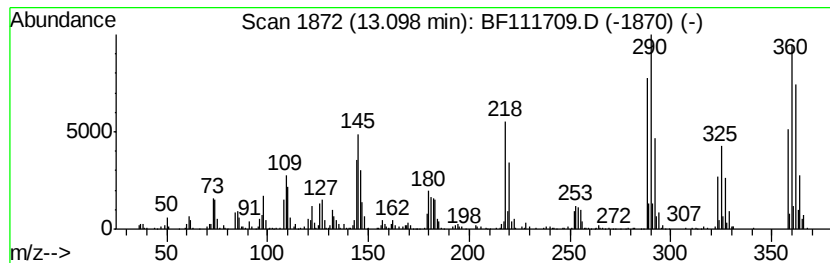
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BNA_F
ClientSampleId :
P001-SS026-0612-01

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 5 1,1'-Biphenyl, 2,2',3,3',4,... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.10	15.63 ng	973613	Chrysene-d12	14.06	
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	2,3',4,4',5',6-Hexachloro-1,1'-b...	358	C12H4Cl6	059291-65-5	99
3	1,1'-Biphenyl, 2,2',3,3',5,5'-He...	358	C12H4Cl6	035694-04-3	99
4	2,2',3,4',6,6'-Hexachloro-1,1'-b...	358	C12H4Cl6	068194-08-1	99
5	1,1'-Biphenyl, 2,2',3,4,5,5'-hex...	358	C12H4Cl6	052712-04-6	99



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122618\
Data File : BF111709.D
Acq On : 26 Dec 2018 12:08
Operator : JU/SJ
Sample : J6446-04
Misc :
ALS Vial : 4 Sample Multiplier: 1

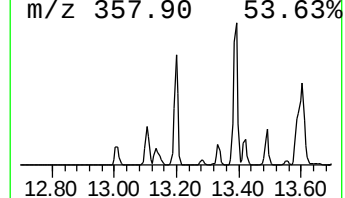
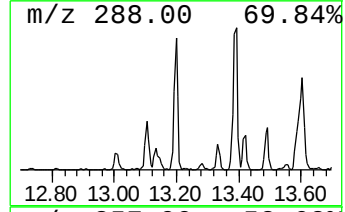
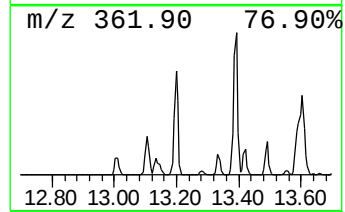
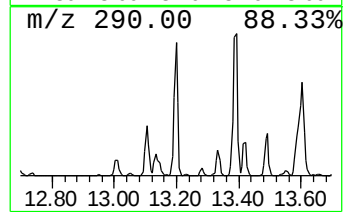
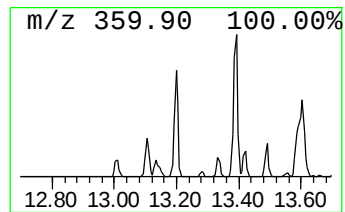
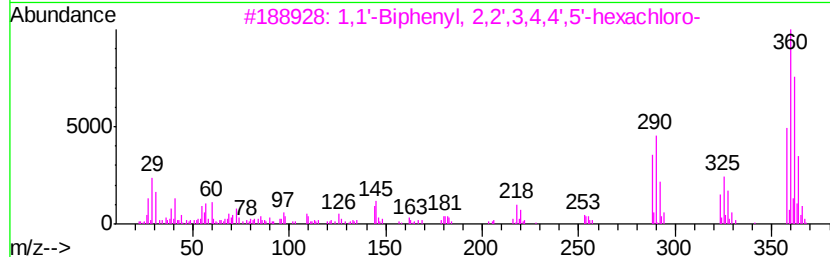
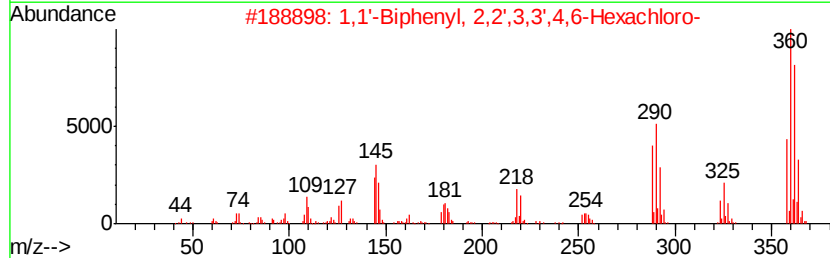
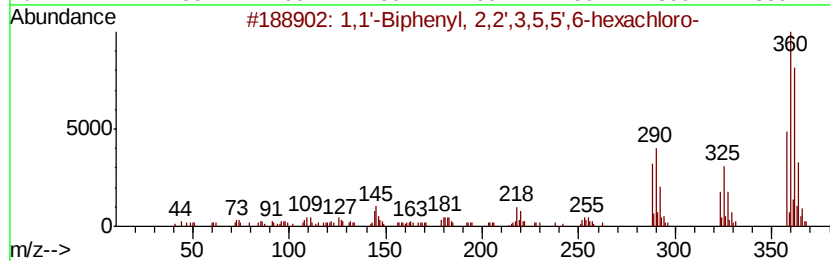
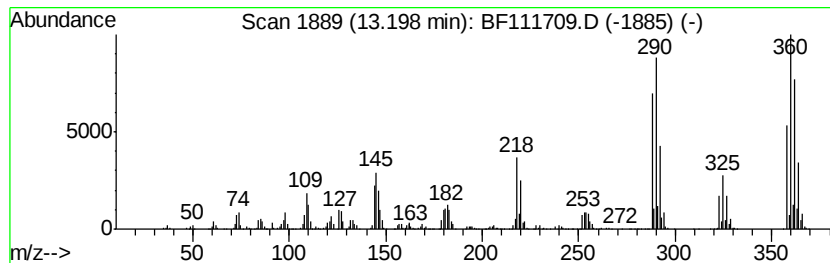
Instrument :
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 1,1'-Biphenyl, 2,2',3,5,5',... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.20	45.20 ng	2815660	Chrysene-d12	14.06	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',3,5,5',6-hex...	358	C12H4Cl6	052663-63-5	99
2	1,1'-Biphenyl, 2,2',3,3',4,6-Hex...	358	C12H4Cl6	061798-70-7	99
3	1,1'-Biphenyl, 2,2',3,4,4',5'-he...	358	C12H4Cl6	035065-28-2	99
4	1,1'-Biphenyl, 2,2',3,4',5,5'-he...	358	C12H4Cl6	051908-16-8	99
5	2,3,3',4',5,5'-Hexachloro-1,1'-b...	358	C12H4Cl6	039635-34-2	99



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122618\
Data File : BF111709.D
Acq On : 26 Dec 2018 12:08
Operator : JU/SJ
Sample : J6446-04
Misc :
ALS Vial : 4 Sample Multiplier: 1

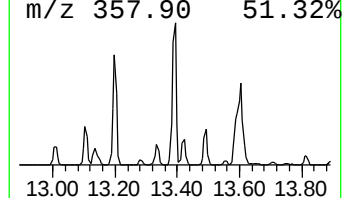
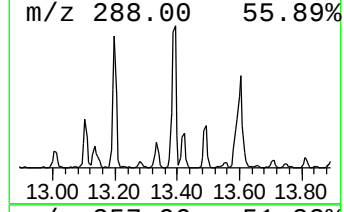
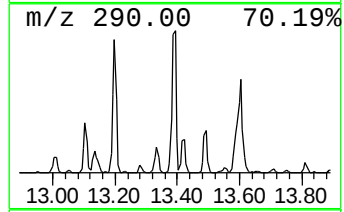
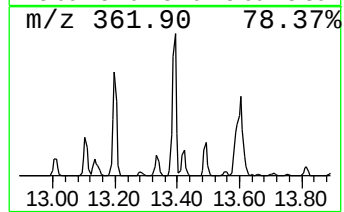
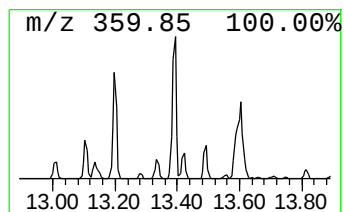
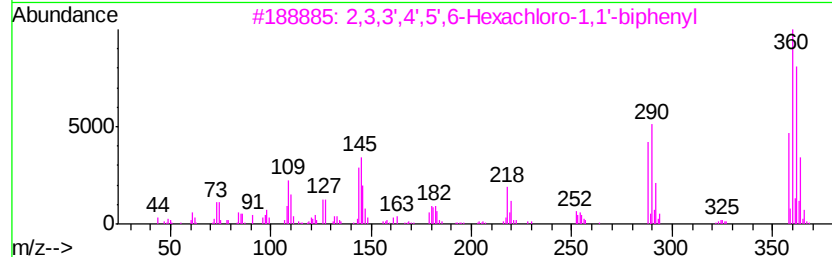
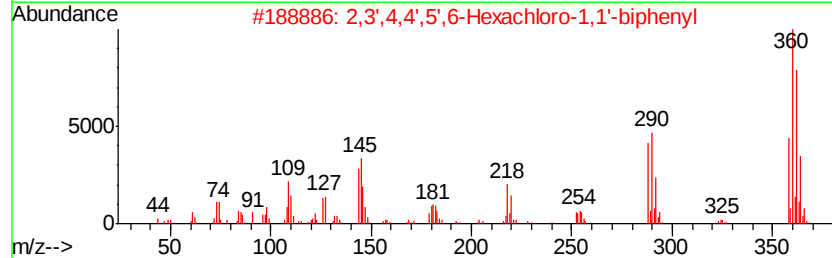
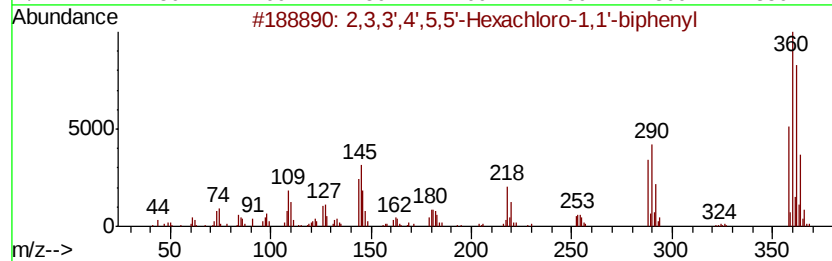
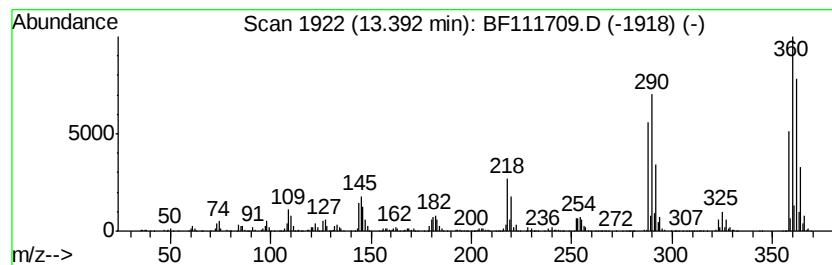
Instrument :
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ClientSampleId :
P001-SS026-0612-01

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

R.T.	EstConc	Area	Relative to ISTD	R.T.		
13.39	49.54 ng	3086410	Chrysene-d12	14.06		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,3,3',4',5,5'-Hexachloro-1,1'-b...	358	C12H4Cl6	039635-34-2	99	
2	2,3',4,4',5',6-Hexachloro-1,1'-b...	358	C12H4Cl6	059291-65-5	99	
3	2,3,3',4',5',6-Hexachloro-1,1'-b...	358	C12H4Cl6	074472-45-0	99	
4	2,3,4,4',5,6-Hexachloro-1,1'-bip...	358	C12H4Cl6	041411-63-6	99	
5	2,3,3',4',5,6-Hexachloro-1,1'-bi...	358	C12H4Cl6	074472-44-9	99	



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122618\
Data File : BF111709.D
Acq On : 26 Dec 2018 12:08
Operator : JU/SJ
Sample : J6446-04
Misc :
ALS Vial : 4 Sample Multiplier: 1

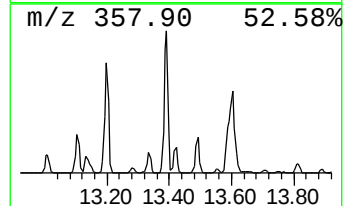
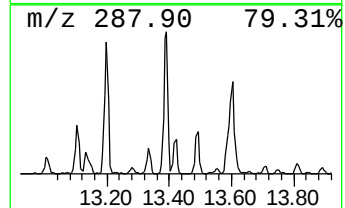
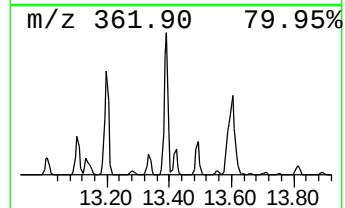
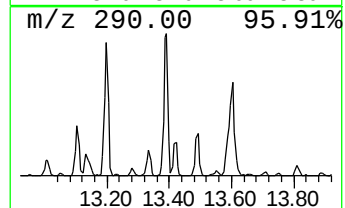
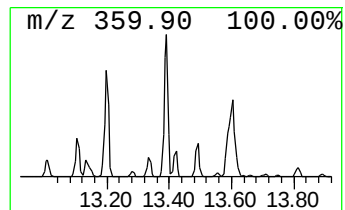
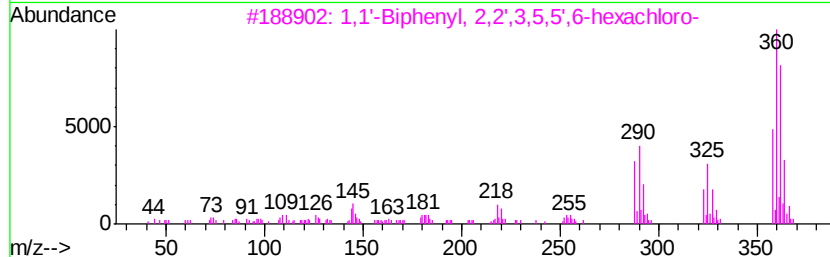
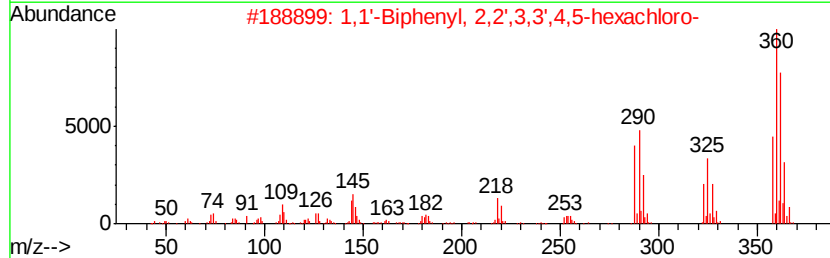
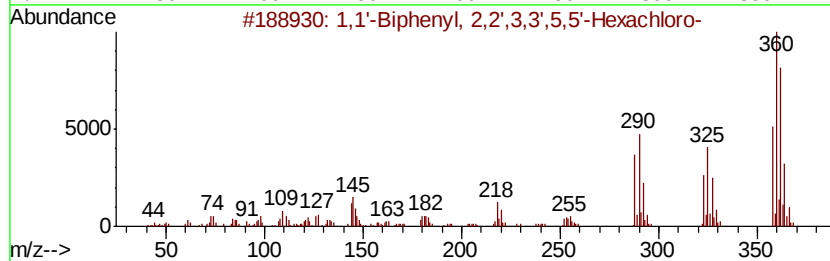
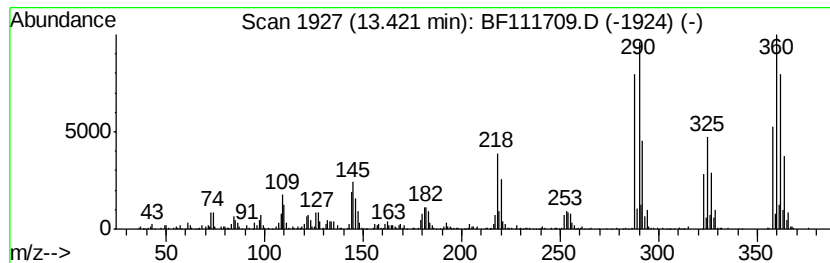
Instrument :
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ClientSampleId :
P001-SS026-0612-01

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 8 1,1'-Biphenyl, 2,2',3,3',5,... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.42	13.04 ng	812421	Chrysene-d12	14.06	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',3,3',5,5'-He...	358	C12H4Cl6	035694-04-3	99
2	1,1'-Biphenyl, 2,2',3,3',4,5-hex...	358	C12H4Cl6	055215-18-4	99
3	1,1'-Biphenyl, 2,2',3,5,5',6-hex...	358	C12H4Cl6	052663-63-5	99
4	2,2',3,5,6,6'-Hexachloro-1,1'-bi...	358	C12H4Cl6	068194-09-2	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 : BF111709.D
Acq On : 26 Dec 2018 12:08
Operator : JU/SJ
Sample : J6446-04
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
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ClientSampleId :
P001-SS026-0612-01

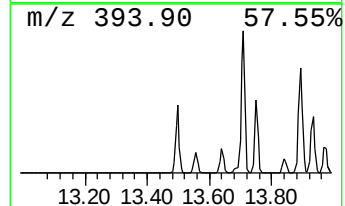
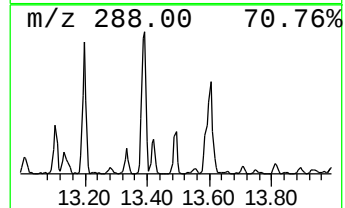
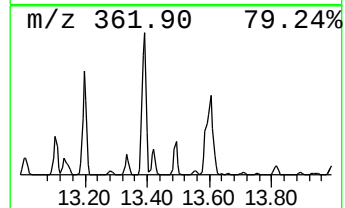
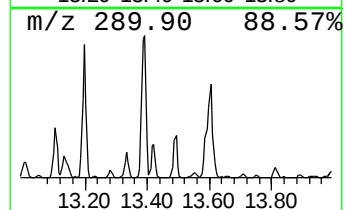
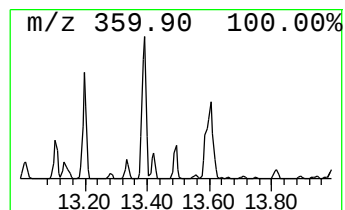
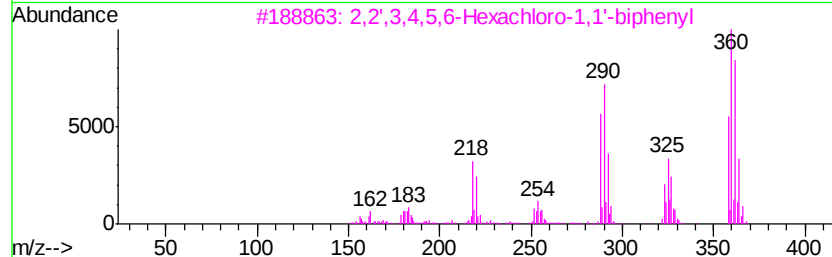
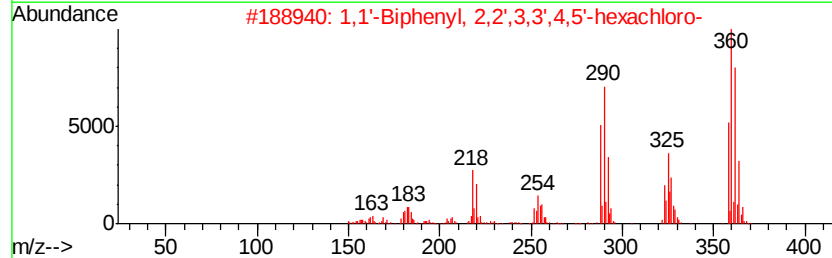
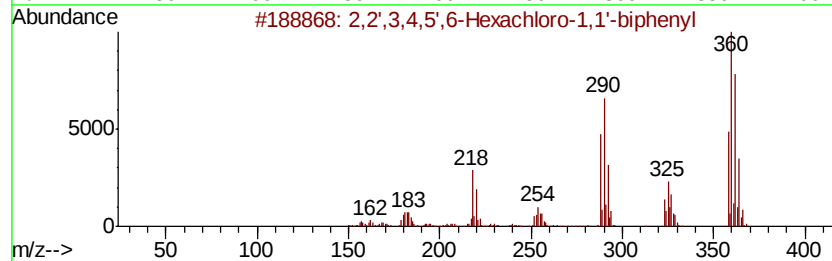
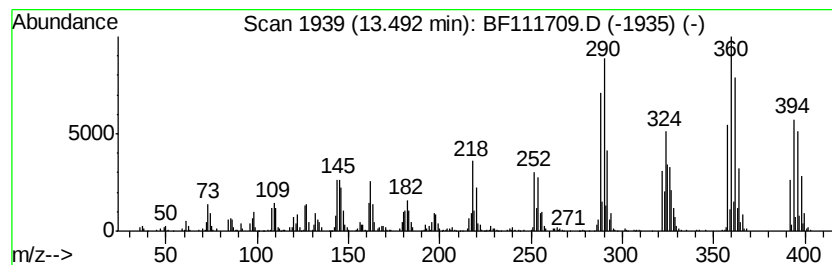
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 2,2',3,4,5',6-Hexachloro-1,... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.49	24.62 ng	1533740	Chrysene-d12	14.06

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2,2',3,4,5',6-Hexachloro-1,1'-bi...	358	C12H4Cl6	068194-14-9	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'-bip...	358	C12H4Cl6	041411-61-4	99
4		2,2',3,4',5,6'-Hexachloro-1,1'-b...	358	C12H4Cl6	074472-41-6	99
5		2,2',3,4',5,6-Hexachloro-1,1'-bi...	358	C12H4Cl6	068194-13-8	99



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122618\
Data File : BF111709.D
Acq On : 26 Dec 2018 12:08
Operator : JU/SJ
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Misc :
ALS Vial : 4 Sample Multiplier: 1

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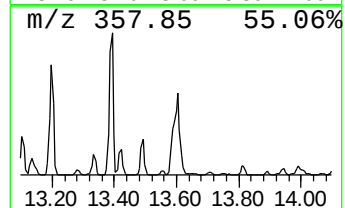
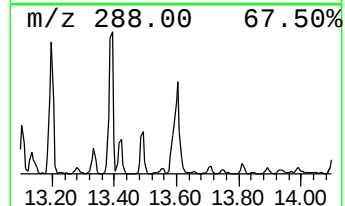
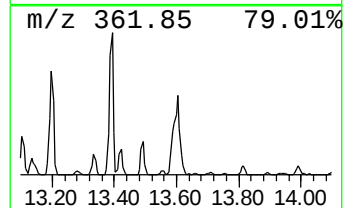
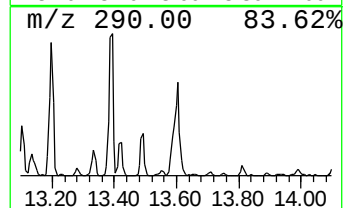
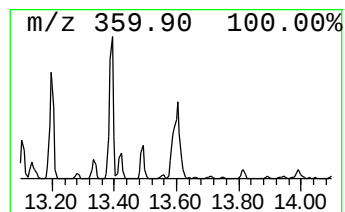
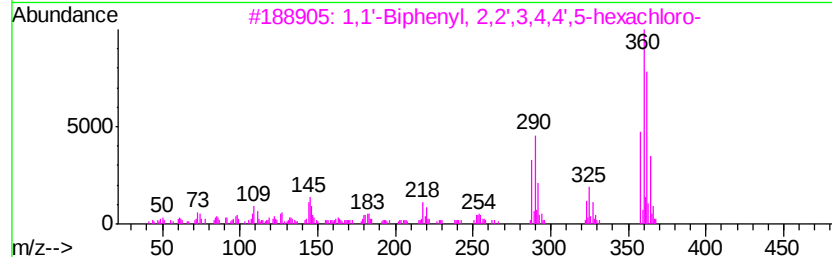
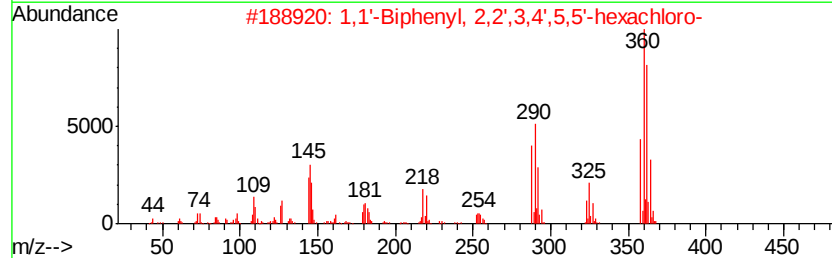
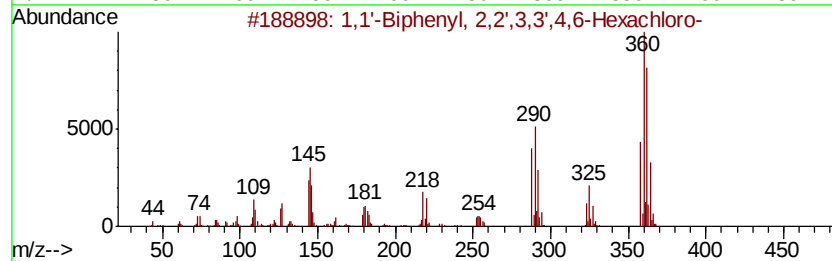
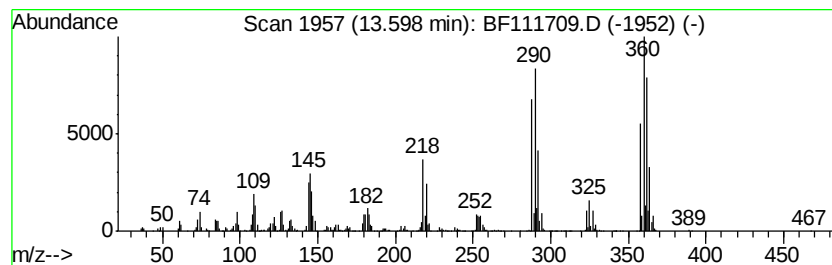
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.60	47.21 ng	2941100	Chrysene-d12	14.06

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,1'-Biphenyl, 2,2',3,3',4,6-Hex...	358	C12H4Cl6	061798-70-7	99
2		1,1'-Biphenyl, 2,2',3,4',5,5'-he...	358	C12H4Cl6	051908-16-8	99
3		1,1'-Biphenyl, 2,2',3,4,4',5-hex...	358	C12H4Cl6	035694-06-5	99
4		2,3,3',4',5,6-Hexachloro-1,1'-bi...	358	C12H4Cl6	074472-44-9	99
5		2,3,4,4',5,6-Hexachloro-1,1'-bip...	358	C12H4Cl6	041411-63-6	99



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122618\
Data File : BF111709.D
Acq On : 26 Dec 2018 12:08
Operator : JU/SJ
Sample : J6446-04
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
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ClientSampleId :
P001-SS026-0612-01

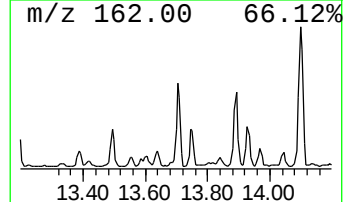
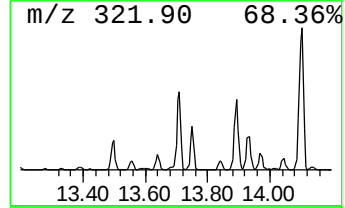
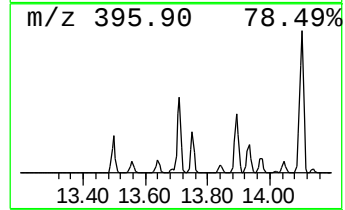
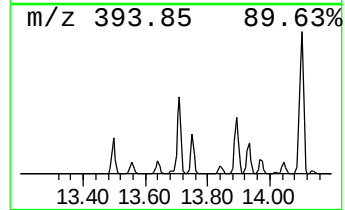
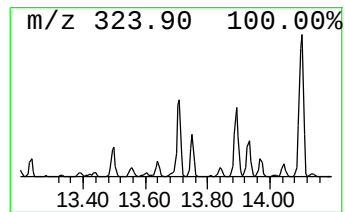
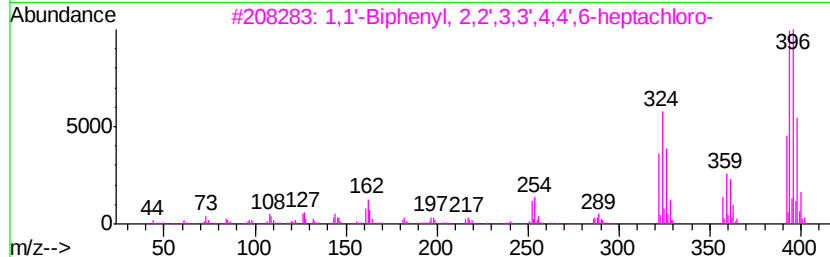
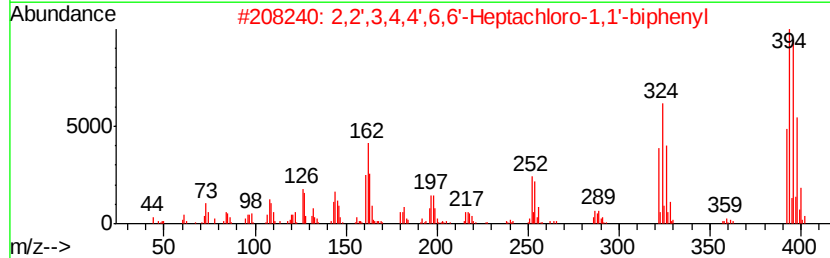
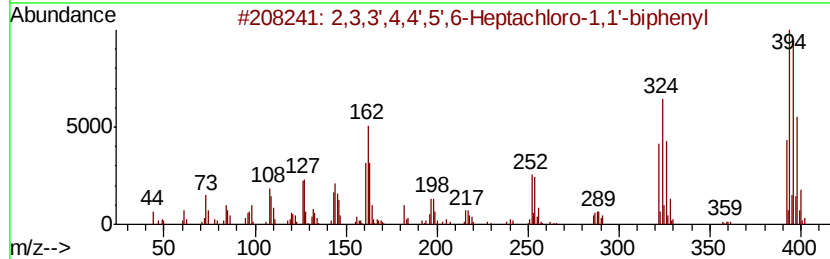
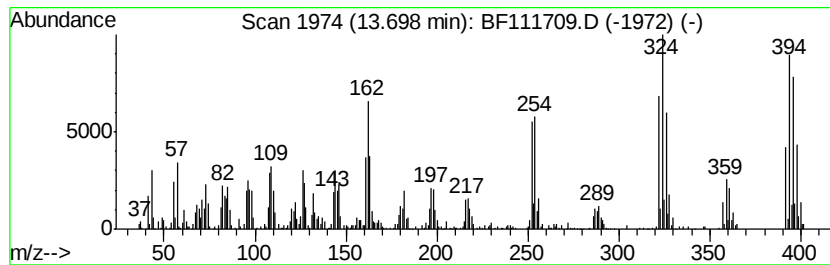
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 2,3,3',4,4',5',6-Heptachlor... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.70	27.69 ng	1725290	Chrysene-d12	14.06

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2,3,3',4,4',5',6-Heptachloro-1,1...	392	C12H3Cl7	074472-50-7	99
2		2,2',3,4,4',6,6'-Heptachloro-1,1...	392	C12H3Cl7	074472-48-3	99
3		1,1'-Biphenyl, 2,2',3,3',4,4',6-...	392	C12H3Cl7	052663-71-5	99
4		1,1'-Biphenyl, 2,2',3,3',4,4',5-...	392	C12H3Cl7	035065-30-6	99
5		1,1'-Biphenyl, 2,2',3,3',5,6,6'-...	392	C12H3Cl7	052663-64-6	99



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122618\
Data File : BF111709.D
Acq On : 26 Dec 2018 12:08
Operator : JU/SJ
Sample : J6446-04
Misc :
ALS Vial : 4 Sample Multiplier: 1

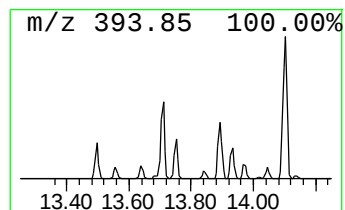
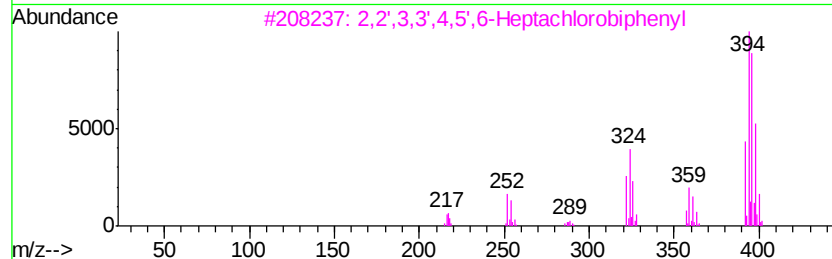
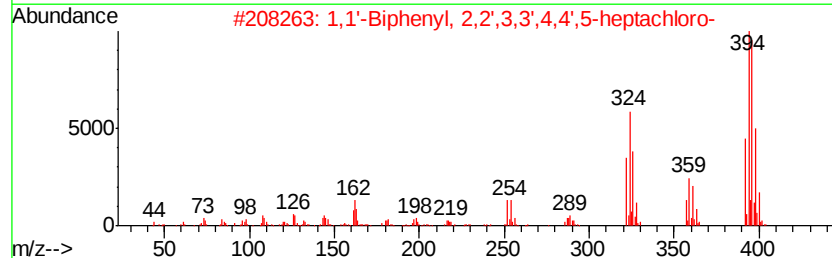
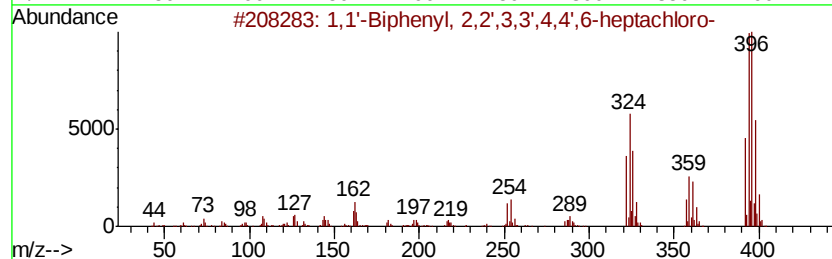
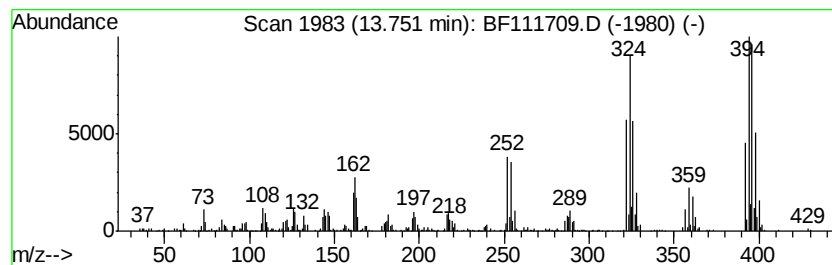
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 1,1'-Biphenyl, 2,2',3,3',4,... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.		
13.75	13.12 ng	817265	Chrysene-d12	14.06		
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',3,3',4,5',6-Heptachlorobiph...	392	C12H3Cl7	040186-70-7	99	
4	1,1'-Biphenyl, 2,2',3,4',5,5',6-...	392	C12H3Cl7	052663-68-0	99	
5	2,2',3,4',5,6,6'-Heptachloro-1,1...	392	C12H3Cl7	074487-85-7	99	



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122618\
Data File : BF111709.D
Acq On : 26 Dec 2018 12:08
Operator : JU/SJ
Sample : J6446-04
Misc :
ALS Vial : 4 Sample Multiplier: 1

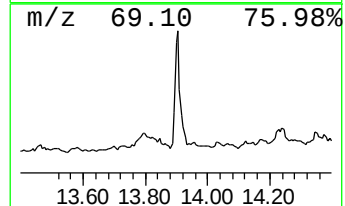
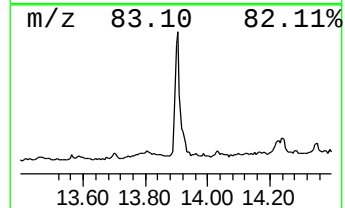
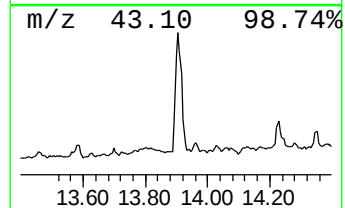
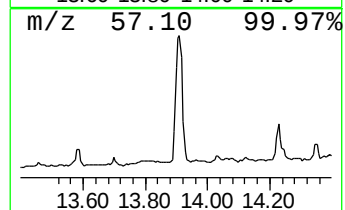
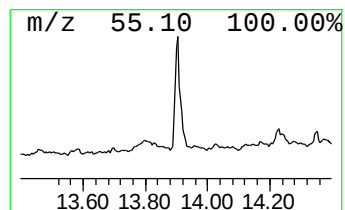
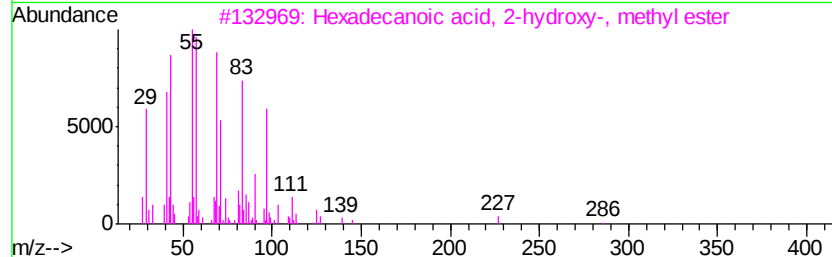
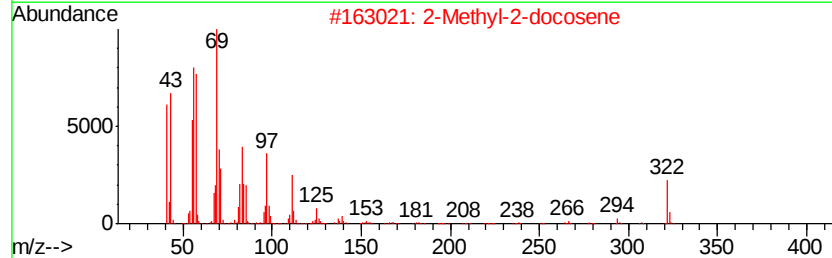
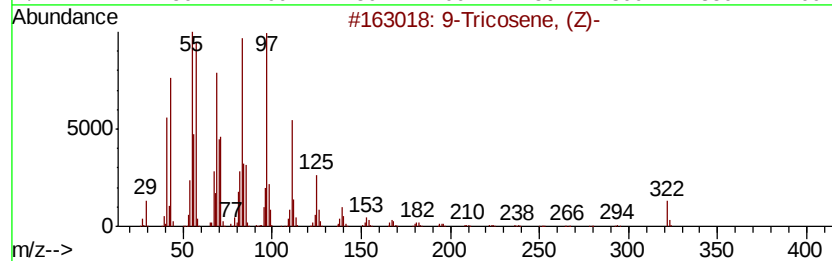
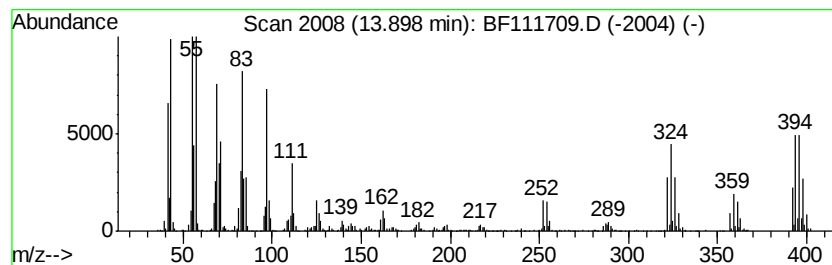
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 9-Tricosene, (Z)- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.90	59.44 ng	3702760	Chrysene-d12	14.06
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	9-Tricosene, (Z)-	322 C23H46	027519-02-4	83
2	2-Methyl-2-docosene	322 C23H46	1000131-16-9	62
3	Hexadecanoic acid, 2-hydroxy-, m...	286 C17H34O3	016742-51-1	38
4	Titanium tetrachloride	188 Cl4Ti	007550-45-0	25
5	Tetradecanoic acid, dodecyl ester	396 C26H52O2	002040-64-4	10



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122618\
Data File : BF111709.D
Acq On : 26 Dec 2018 12:08
Operator : JU/SJ
Sample : J6446-04
Misc :
ALS Vial : 4 Sample Multiplier: 1

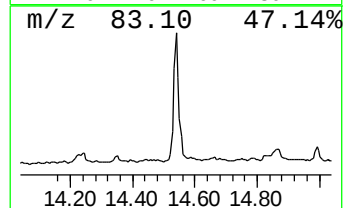
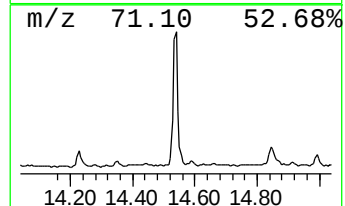
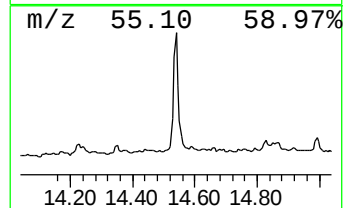
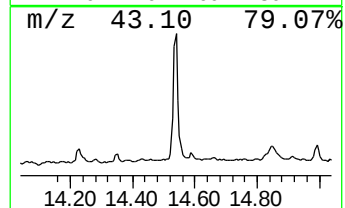
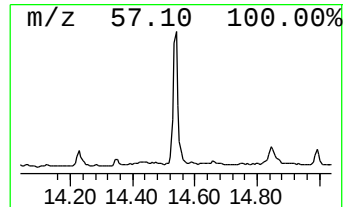
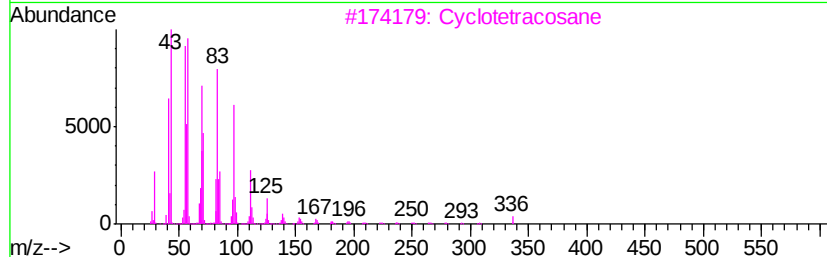
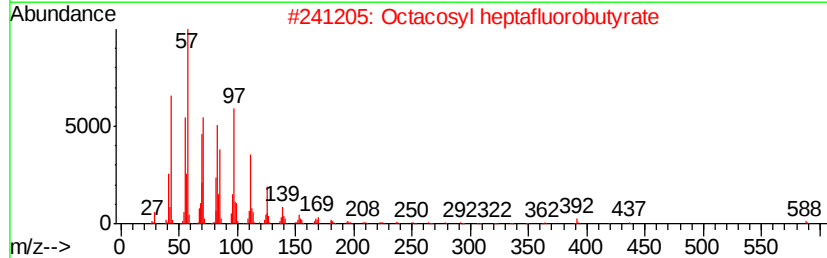
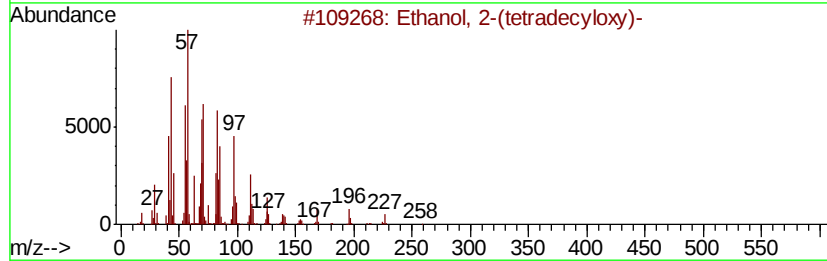
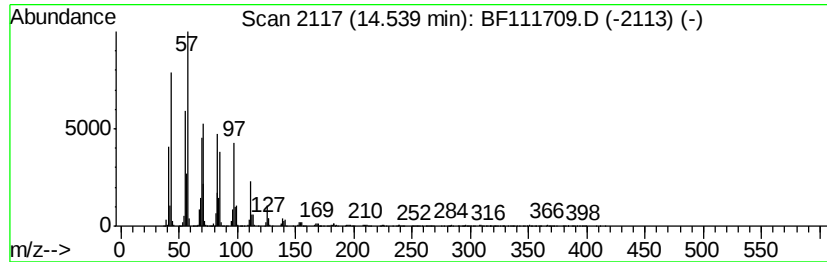
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Ethanol, 2-(tetradecyloxy)- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD		R.T.		
14.54	62.14 ng	3871240	Chrysene-d12		14.06		
Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	93
2			Octacosyl heptafluorobutyrate	606	C32H57F7O2	1000351-83-6	91
3			Cyclotetracosane	336	C24H48	000297-03-0	91
4			Octacosyl trifluoroacetate	506	C30H57F3O2	1000351-74-9	90
5			Tricosyl trifluoroacetate	436	C25H47F3O2	1000351-75-1	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122618\
Data File : BF111709.D
Acq On : 26 Dec 2018 12:08
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Sample : J6446-04
Misc :
ALS Vial : 4 Sample Multiplier: 1

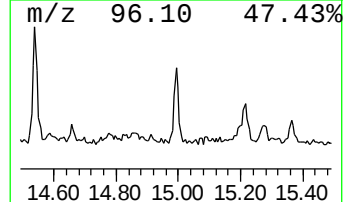
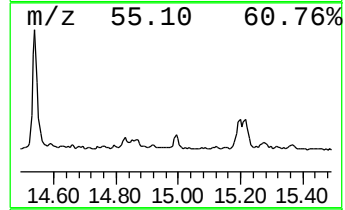
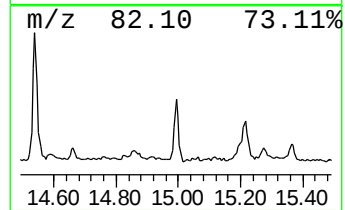
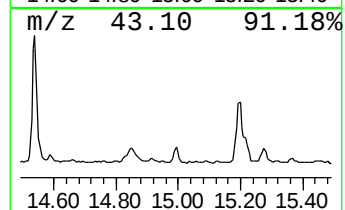
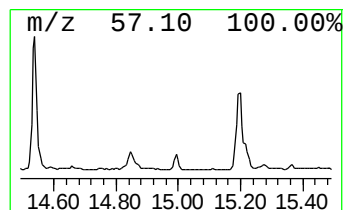
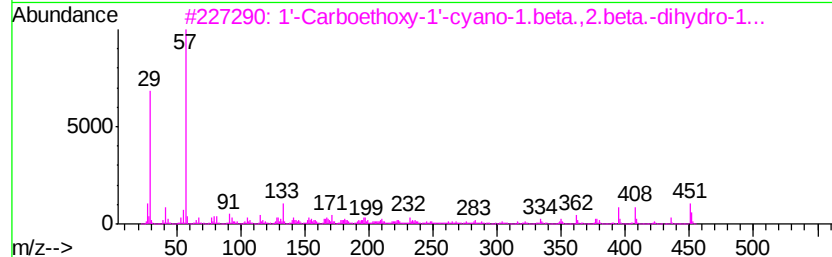
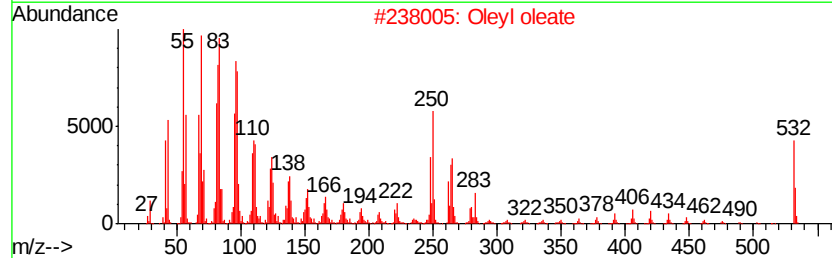
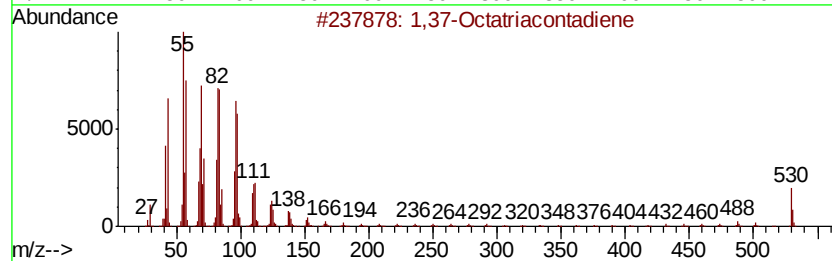
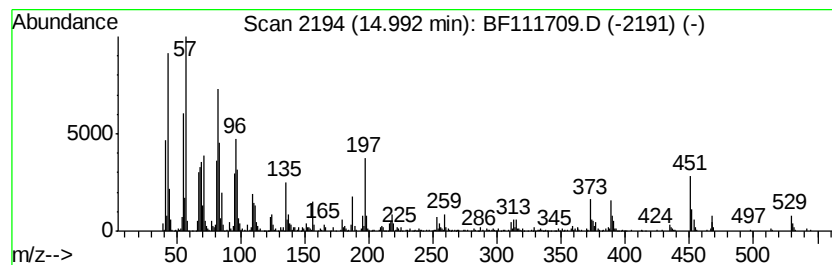
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 unknown14.99 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.	
14.99	14.71 ng	775179	Perylene-d12	15.55	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,37-Octatriacontadiene	531	C38H74	1000159-37-3	46
2	Olevl oleate	533	C36H68O2	003687-45-4	10
3	1'-Carboethoxy-1'-cyano-1.beta.,... .	451	C27H33NO5	075857-77-1	10
4	cis-1,2-Bis(aminomethyl)cyclohexane	142	C8H18N2	070795-45-8	9
5	1,22-Docosanediol	342	C22H46O2	022513-81-1	6



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122618\
Data File : BF111709.D
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Operator : JU/SJ
Sample : J6446-04
Misc :
ALS Vial : 4 Sample Multiplier: 1

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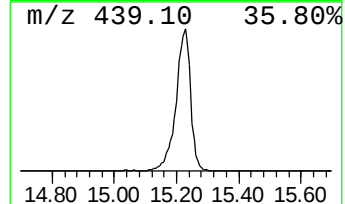
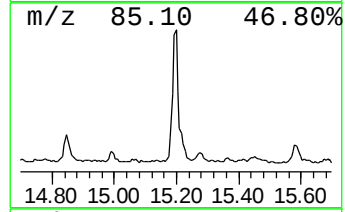
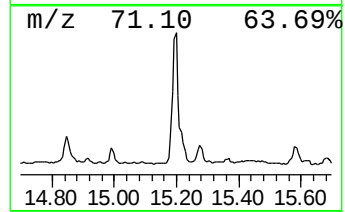
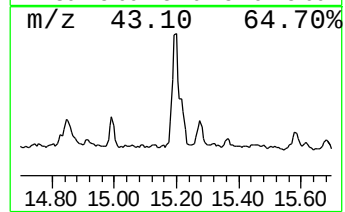
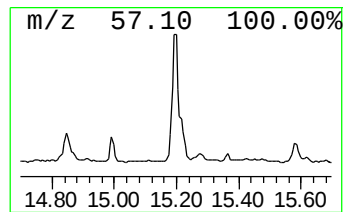
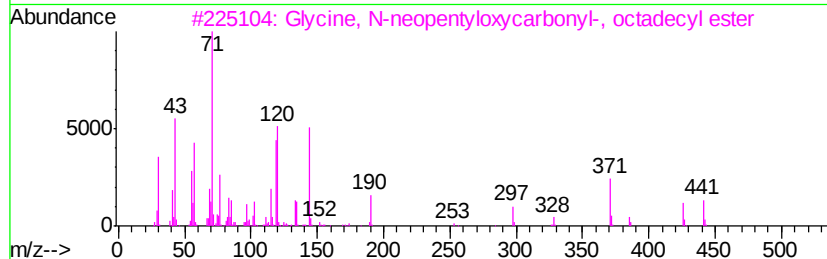
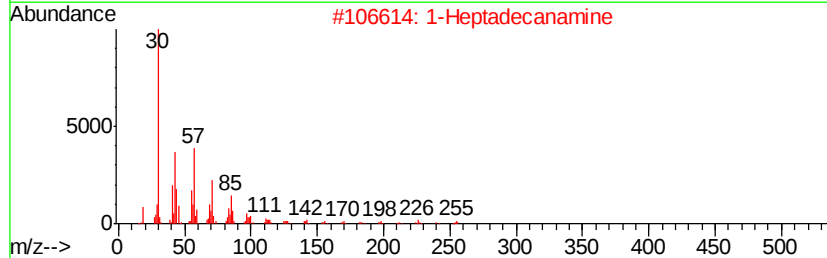
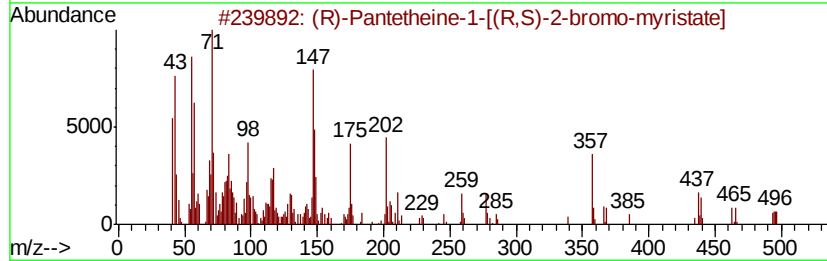
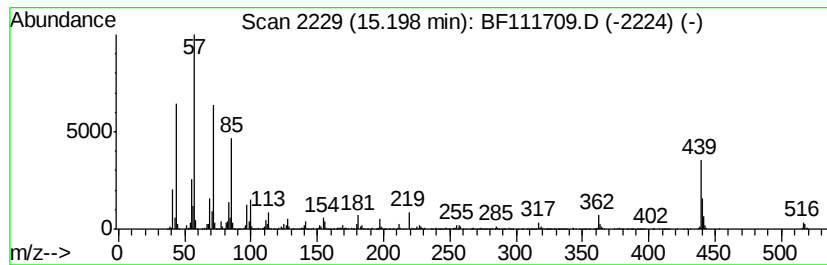
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 unknown15.20 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.20	40.36 ng	2127680	Perylene-d12	15.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	(R)-Pantetheine-1-[(R,S)-2-bromo...	566	C25H47BrN2O5S	1000111-57-3	12
2		1-Heptadecanamine	255	C17H37N	004200-95-7	10
3		Glycine, N-neopentylloxycarbonyl-...	441	C26H51N04	1000323-30-1	9
4		L-Alanine, 3-[(aminocarbonyl)ami...	147	C4H9N3O3	001483-07-4	4
5		Cyclodisilazane-2,2,4,4-tetramin...	440	C10H40N12Si4	034665-55-9	4



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122618\
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Acq On : 26 Dec 2018 12:08
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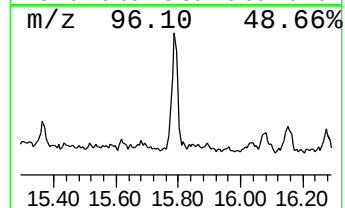
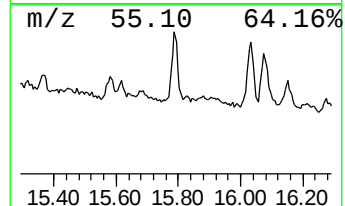
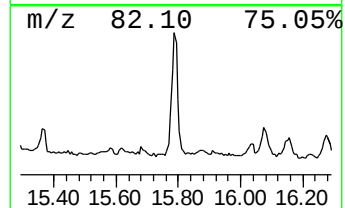
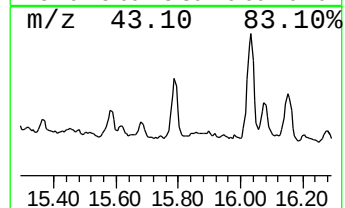
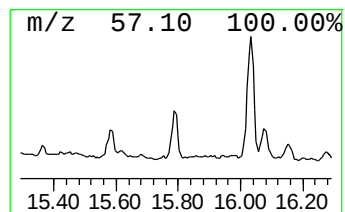
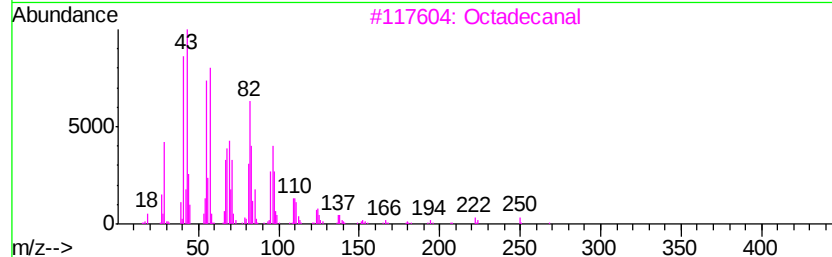
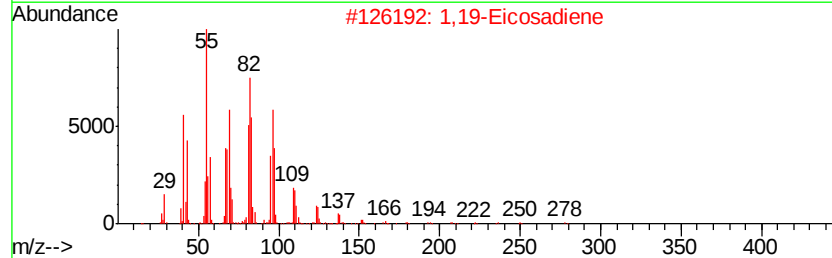
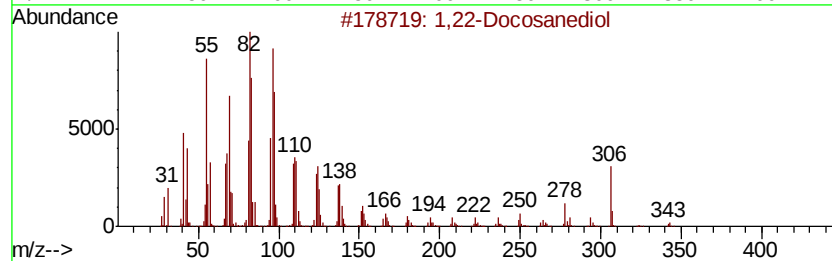
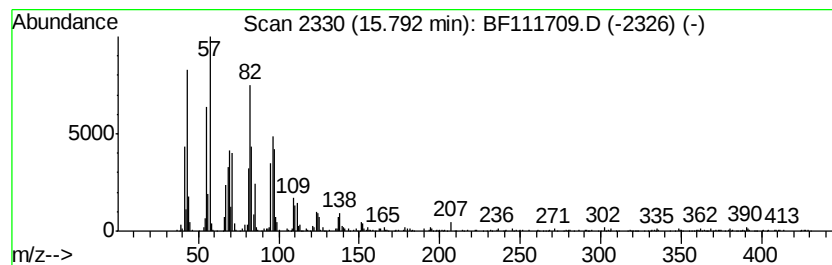
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 1,22-Docosanediol Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.79	14.43 ng	760558	Perylene-d12	15.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,22-Docosanediol	342	C22H46O2	022513-81-1	95
2		1,19-Eicosadiene	278	C20H38	014811-95-1	94
3		Octadecanal	268	C18H36O	000638-66-4	93
4		Oxirane, hexadecyl-	268	C18H36O	007390-81-0	91
5		Oxirane, heptadecyl-	282	C19H38O	067860-04-2	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122618\
Data File : BF111709.D
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Operator : JU/SJ
Sample : J6446-04
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
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ClientSampleId :
P001-SS026-0612-01

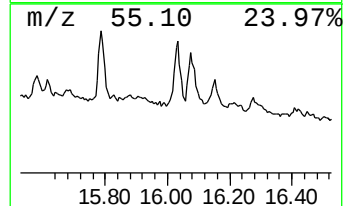
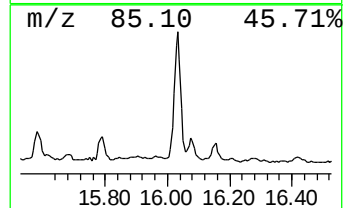
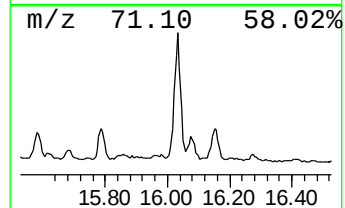
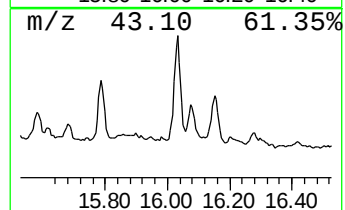
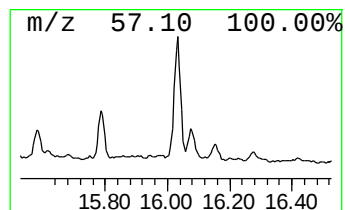
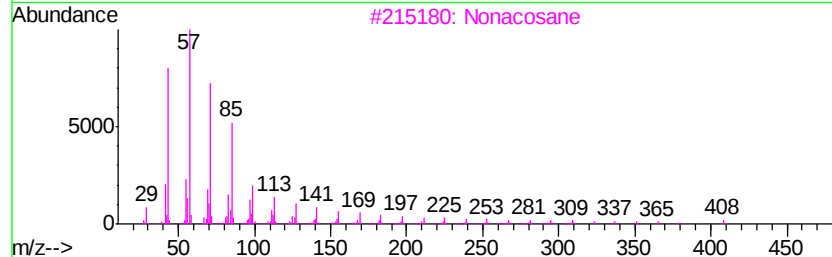
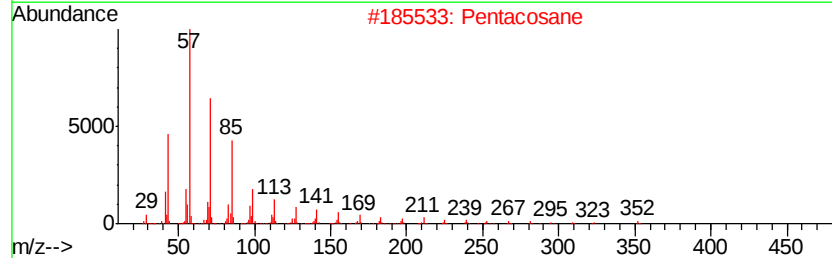
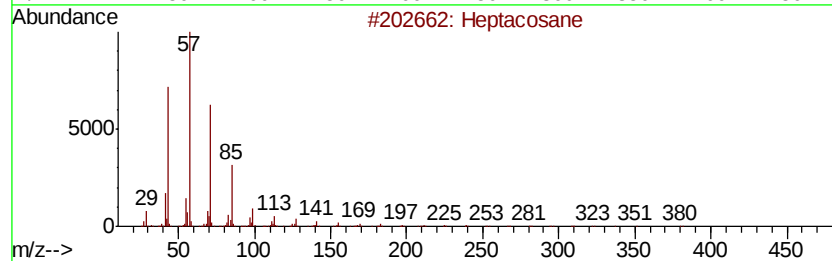
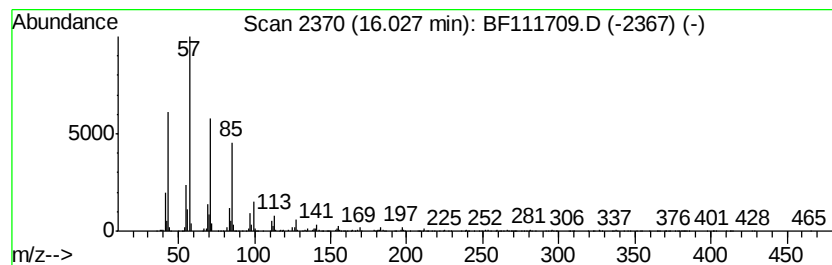
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Heptacosane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.03	18.88 ng	995459	Perylene-d12	15.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptacosane	380	C27H56	000593-49-7	97
2		Pentacosane	352	C25H52	000629-99-2	96
3		Nonacosane	408	C29H60	000630-03-5	94
4		Heptadecane, 9-hexyl-	324	C23H48	055124-79-3	93
5		Hexacosane	366	C26H54	000630-01-3	93



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122618\
Data File : BF111709.D
Acq On : 26 Dec 2018 12:08
Operator : JU/SJ
Sample : J6446-04
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
P001-SS026-0612-01

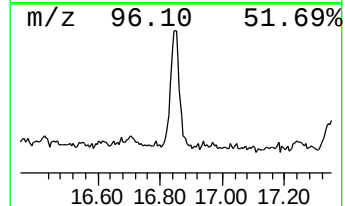
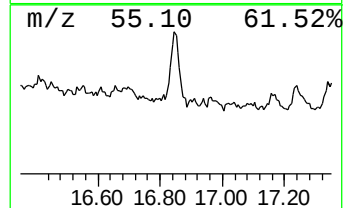
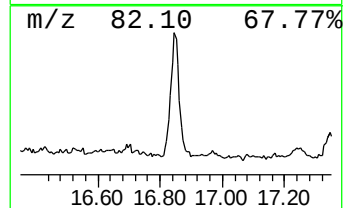
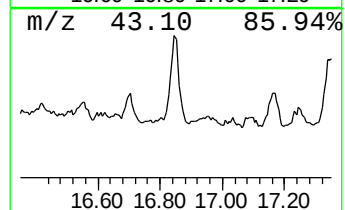
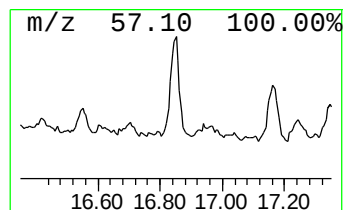
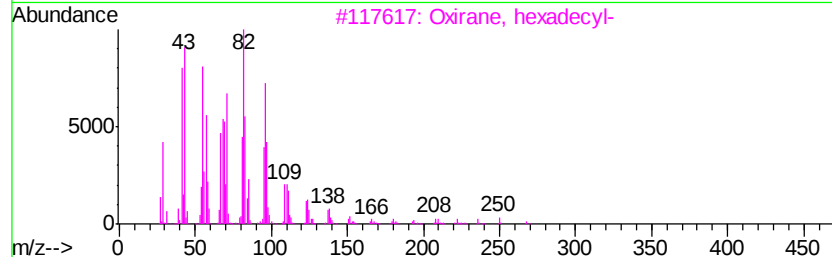
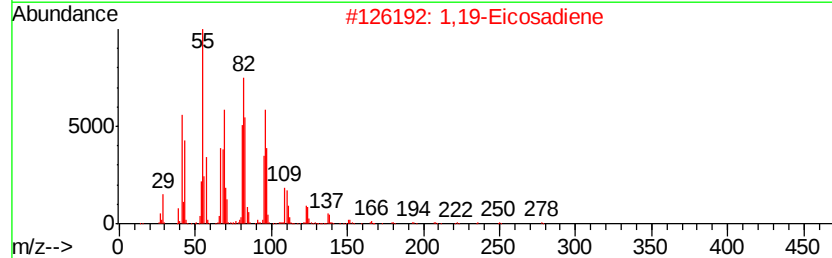
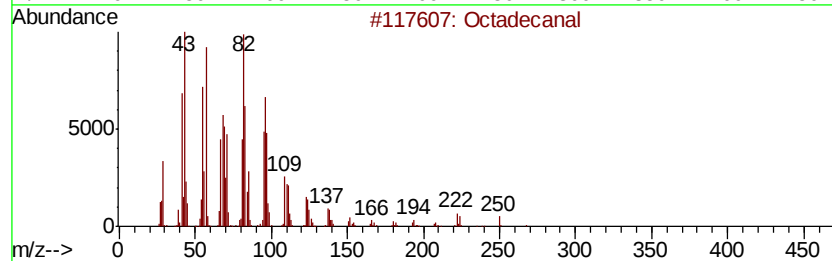
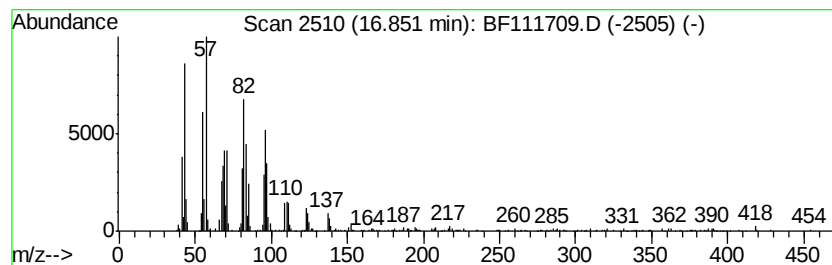
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Octadecanal Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.85	16.27 ng	857685	Perylene-d12	15.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecanal	268	C18H36O	000638-66-4	94
2		1,19-Eicosadiene	278	C20H38	014811-95-1	93
3		Oxirane, hexadecyl-	268	C18H36O	007390-81-0	90
4		Oxirane, heptadecyl-	282	C19H38O	067860-04-2	90
5		(Z)-14-Tricosenyl formate	366	C24H46O2	077899-10-6	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF122618\
 Data File : BF111709.D
 Acq On : 26 Dec 2018 12:08
 Operator : JU/SJ
 Sample : J6446-04
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P001-SS026-0612-01

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
unknown6.67	6.67	58.4	ng	2977350	1	6.90	1019080	20.0
unknown11.54	11.54	15.9	ng	1031890	4	11.42	1297420	20.0
2,2',3,4',6-Penta...	12.55	15.9	ng	1034570	4	11.42	1297420	20.0
1,1'-Biphenyl, 2,...	13.10	15.6	ng	973613	5	14.06	1245940	20.0
1,1'-Biphenyl, 2,...	13.20	45.2	ng	2815660	5	14.06	1245940	20.0
2,3,3',4',5,5'-He...	13.39	49.5	ng	3086410	5	14.06	1245940	20.0
1,1'-Biphenyl, 2,...	13.42	13.0	ng	812421	5	14.06	1245940	20.0
2,2',3,4,5',6-Hex...	13.49	24.6	ng	1533740	5	14.06	1245940	20.0
1,1'-Biphenyl, 2,...	13.60	47.2	ng	2941100	5	14.06	1245940	20.0
2,3,3',4,4',5',6-...	13.70	27.7	ng	1725290	5	14.06	1245940	20.0
1,1'-Biphenyl, 2,...	13.75	13.1	ng	817265	5	14.06	1245940	20.0
9-Tricosene, (Z)-	13.90	59.4	ng	3702760	5	14.06	1245940	20.0
Ethanol, 2-(tetra...	14.54	62.1	ng	3871240	5	14.06	1245940	20.0
unknown14.99	14.99	14.7	ng	775179	6	15.55	1054310	20.0
unknown15.20	15.20	40.4	ng	2127680	6	15.55	1054310	20.0
1,22-Docosanediol	15.79	14.4	ng	760558	6	15.55	1054310	20.0
Heptacosane	16.03	18.9	ng	995459	6	15.55	1054310	20.0
Octadecanal	16.85	16.3	ng	857685	6	15.55	1054310	20.0