

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF122618\
 Data File : BF111727.D
 Acq On : 26 Dec 2018 21:30
 Operator : JU/SJ
 Sample : J6386-19
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P001-SS008-0006-01

Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Sampling : 1

Start Thrs: 0.2

Stop Thrs : 0

Filtering: 5

Min Area: 3 % of largest Peak

Max Peaks: 100

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121918.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.228	21	24	33	rVB	66299	94605	1.93%	0.136%
2	5.134	509	518	523	rBV	205645	294985	6.01%	0.424%
3	5.540	582	587	590	rVB	4260948	4386160	89.30%	6.297%
4	5.757	618	624	632	rVB2	41685	53482	1.09%	0.077%
5	6.540	751	757	764	rVB2	4398678	4911849	100.00%	7.052%
6	6.675	775	780	783	rBV	4892010	4625232	94.16%	6.640%
7	6.728	786	789	794	rBV4	39539	60549	1.23%	0.087%
8	6.898	815	818	822	rBV	1500211	1280266	26.06%	1.838%
9	6.957	825	828	831	rBV	52932	53474	1.09%	0.077%
10	7.057	841	845	849	rVB	3902735	3639034	74.09%	5.224%
11	7.151	858	861	864	rBV2	86156	90017	1.83%	0.129%
12	7.298	883	886	890	rBV	153994	139047	2.83%	0.200%
13	7.457	908	913	916	rBV	2805831	2933585	59.72%	4.212%
14	7.834	965	977	981	rBV2	99831	113718	2.32%	0.163%
15	7.916	981	991	994	rVV	214300	407048	8.29%	0.584%
16	8.122	1022	1026	1031	rVB	145328	127589	2.60%	0.183%
17	8.181	1031	1036	1039	rBV	1734604	1525780	31.06%	2.191%
18	8.204	1039	1040	1045	rVB	119634	68640	1.40%	0.099%
19	8.345	1059	1064	1070	rVB2	60328	62106	1.26%	0.089%
20	8.892	1154	1157	1160	rBV	145628	108393	2.21%	0.156%
21	8.933	1160	1164	1170	rBV	304596	422518	8.60%	0.607%
22	8.992	1170	1174	1178	rVB	348597	290892	5.92%	0.418%
23	9.257	1214	1219	1222	rBV	4788433	4151749	84.53%	5.961%
24	9.345	1228	1234	1238	rBV2	205844	228555	4.65%	0.328%
25	9.386	1238	1241	1247	rBV	379994	330328	6.73%	0.474%
26	9.516	1260	1263	1267	rBV	81622	102178	2.08%	0.147%
27	9.592	1272	1276	1279	rBV	149605	159064	3.24%	0.228%
28	9.645	1282	1285	1290	rVB	353223	377332	7.68%	0.542%
29	9.710	1294	1296	1298	rBV	72259	55719	1.13%	0.080%
30	9.792	1305	1310	1315	rBV	236253	250801	5.11%	0.360%
31	9.933	1328	1334	1338	rBV	1481712	1440634	29.33%	2.068%
32	10.051	1349	1354	1358	rBV2	66774	98504	2.01%	0.141%
33	10.133	1365	1368	1372	rBV2	69190	74367	1.51%	0.107%
34	10.251	1384	1388	1391	rBV2	53201	59161	1.20%	0.085%

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 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	10.339	1399	1403	1405	rBV3	64571	81859	1.67%	0.118%
36	10.480	1424	1427	1433	rVB2	97407	124383	2.53%	0.179%
37	10.722	1464	1468	1472	rBV	2678573	2383529	48.53%	3.422%
38	10.845	1486	1489	1497	rVB6	94075	140301	2.86%	0.201%
39	11.033	1515	1521	1523	rBV5	57825	83690	1.70%	0.120%
40	11.063	1523	1526	1529	rBV2	125743	131897	2.69%	0.189%
41	11.222	1550	1553	1556	rBV	63398	57081	1.16%	0.082%
42	11.316	1567	1569	1572	rVB	73977	63473	1.29%	0.091%
43	11.422	1583	1587	1589	rBV	1405255	1212658	24.69%	1.741%
44	11.445	1589	1591	1594	rVV	852793	631652	12.86%	0.907%
45	11.498	1597	1600	1602	rVV	110817	105341	2.14%	0.151%
46	11.533	1602	1606	1609	rVB6	71000	106687	2.17%	0.153%
47	11.645	1620	1625	1627	rBV5	56195	84606	1.72%	0.121%
48	11.751	1640	1643	1647	rBV2	104195	120508	2.45%	0.173%
49	11.833	1655	1657	1660	rVB	58849	59353	1.21%	0.085%
50	11.874	1661	1664	1667	rBV2	57650	62728	1.28%	0.090%
51	11.922	1669	1672	1674	rBV	259059	220213	4.48%	0.316%
52	11.951	1674	1677	1680	rVB	839527	715895	14.57%	1.028%
53	12.033	1687	1691	1693	rBV	348377	351056	7.15%	0.504%
54	12.057	1693	1695	1699	rVB	205276	179830	3.66%	0.258%
55	12.216	1719	1722	1724	rBV2	182310	172687	3.52%	0.248%
56	12.398	1751	1753	1755	rBV2	80251	60030	1.22%	0.086%
57	12.469	1761	1765	1769	rBV2	372297	499167	10.16%	0.717%
58	12.510	1769	1772	1774	rVV	132326	139435	2.84%	0.200%
59	12.551	1776	1779	1785	rVB3	492988	484331	9.86%	0.695%
60	12.610	1786	1789	1790	rBV2	73505	70096	1.43%	0.101%
61	12.633	1790	1793	1797	rVB	553230	439508	8.95%	0.631%
62	12.680	1799	1801	1806	rVB5	104100	117177	2.39%	0.168%
63	12.733	1806	1810	1813	rBV	888887	872084	17.75%	1.252%
64	12.863	1829	1832	1834	rBV	840214	763220	15.54%	1.096%
65	12.880	1834	1835	1840	rVB	320565	276276	5.62%	0.397%
66	13.004	1853	1856	1864	rVB	3596139	3554602	72.37%	5.103%
67	13.104	1870	1873	1875	rVB	650720	581931	11.85%	0.835%
68	13.133	1875	1878	1882	rBV2	261108	309815	6.31%	0.445%
69	13.192	1885	1888	1892	rVB	1914852	1722552	35.07%	2.473%
70	13.298	1904	1906	1908	rVB	133753	100621	2.05%	0.144%
71	13.333	1909	1912	1914	rVB	241646	219046	4.46%	0.314%

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72	13.386	1917	1921	1924	rVV2	2209528	1926282	39.22%	2.766%
73	13.416	1924	1926	1929	rVB2	646128	507493	10.33%	0.729%
74	13.486	1935	1938	1942	rVB2	846316	878577	17.89%	1.261%
75	13.551	1946	1949	1951	rBV2	193646	179058	3.65%	0.257%
76	13.598	1951	1957	1961	rVV	1479959	1888142	38.44%	2.711%
77	13.633	1961	1963	1966	rVB	206877	173633	3.53%	0.249%
78	13.704	1971	1975	1979	rVB	1269823	1147853	23.37%	1.648%
79	13.745	1979	1982	1985	rBV	538798	475756	9.69%	0.683%
80	13.810	1990	1993	1996	rBV2	179952	193920	3.95%	0.278%
81	13.839	1996	1998	2000	rVB	211563	157140	3.20%	0.226%
82	13.892	2003	2007	2011	rBV3	1337636	1725701	35.13%	2.478%
83	13.927	2011	2013	2017	rVB2	604673	552659	11.25%	0.793%
84	13.968	2017	2020	2022	rBV3	181690	152836	3.11%	0.219%
85	14.021	2027	2029	2030	rVV	288717	230105	4.68%	0.330%
86	14.063	2030	2036	2038	rVV2	1548203	1923398	39.16%	2.761%
87	14.098	2038	2042	2045	rVB2	2017001	2050362	41.74%	2.944%
88	14.274	2070	2072	2074	rBV	133546	94974	1.93%	0.136%
89	14.310	2075	2078	2082	rVV	807418	856260	17.43%	1.229%
90	14.357	2083	2086	2090	rVV2	385822	367150	7.47%	0.527%
91	14.404	2091	2094	2097	rBV2	399237	362989	7.39%	0.521%
92	14.533	2112	2116	2120	rBV2	545573	608759	12.39%	0.874%
93	14.774	2154	2157	2161	rBV2	329197	296649	6.04%	0.426%
94	14.986	2191	2193	2197	rVB	242542	209147	4.26%	0.300%
95	15.186	2224	2227	2229	rBV	444956	492327	10.02%	0.707%
96	15.480	2274	2277	2280	rVB2	193149	216229	4.40%	0.310%
97	15.545	2284	2288	2291	rBV	646694	754112	15.35%	1.083%
98	15.780	2325	2328	2333	rVB3	299175	394959	8.04%	0.567%
99	16.021	2366	2369	2373	rVB	204152	262252	5.34%	0.377%
100	16.068	2374	2377	2382	rVB3	175709	258160	5.26%	0.371%

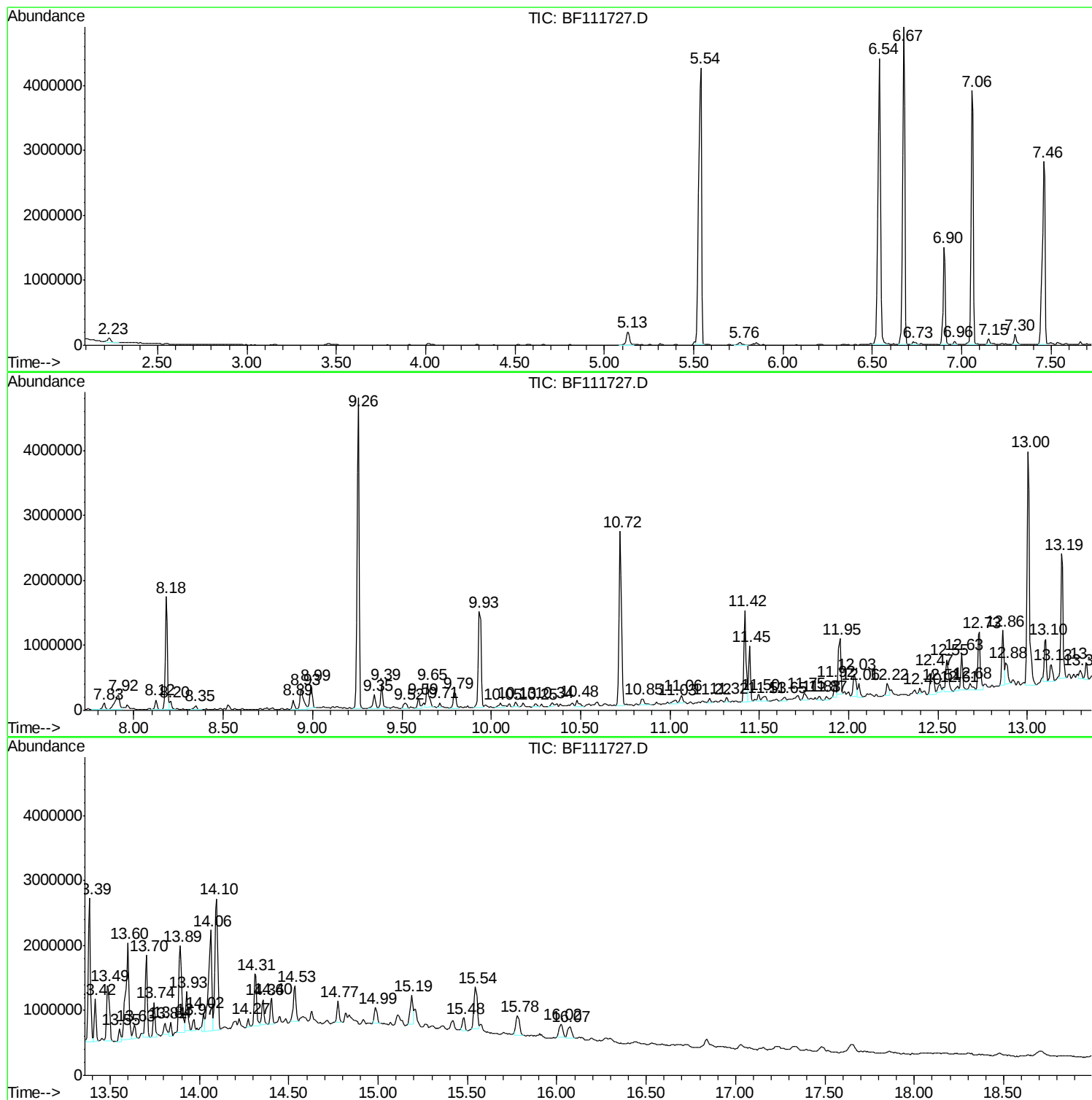
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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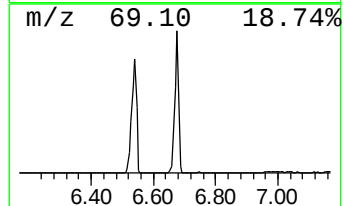
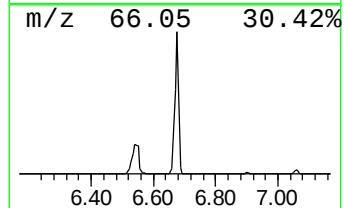
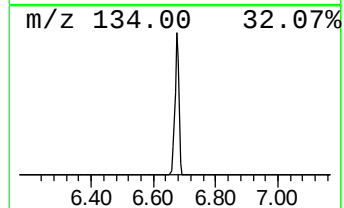
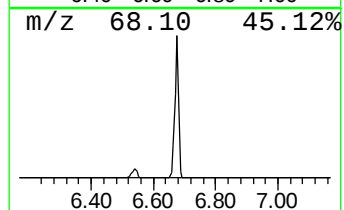
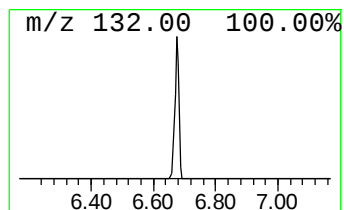
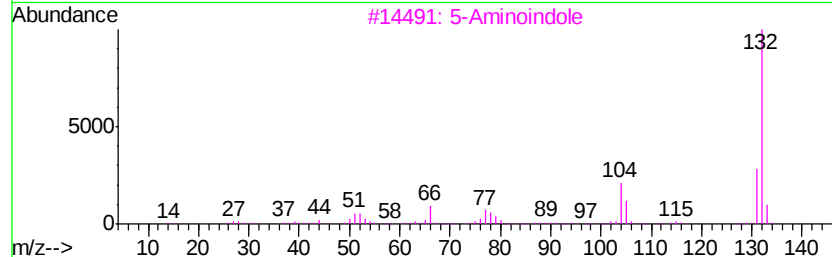
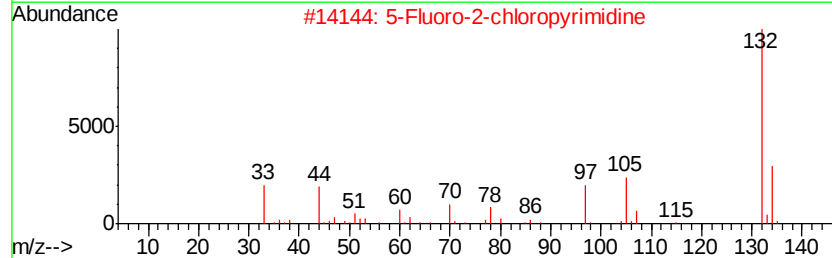
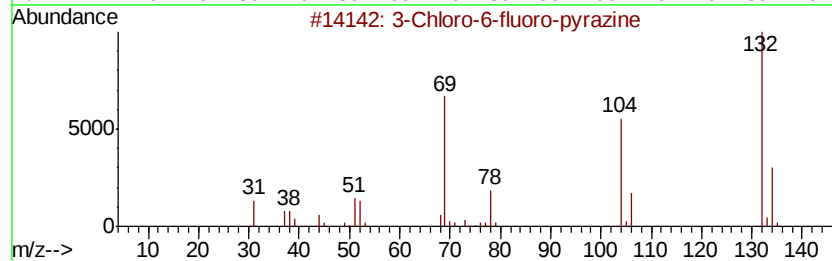
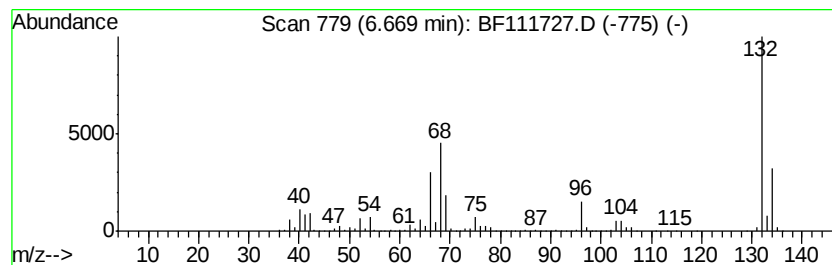
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown6.67 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.67	72.25 ng	4625230	1,4-Dichlorobenzene-d4	6.90

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
3		5-Aminoindole	132	C8H8N2	005192-03-0	12
4		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
5		(5-Methyl-2-pyridyl)acetonitrile	132	C8H8N2	1000241-93-9	10



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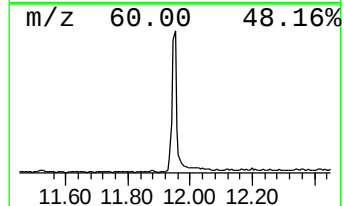
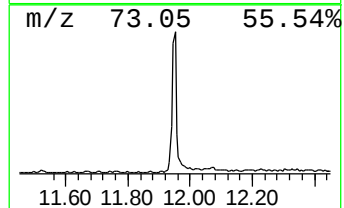
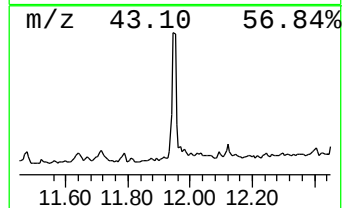
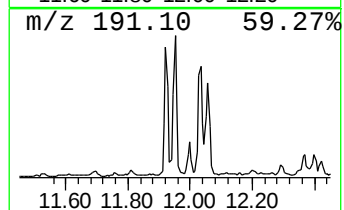
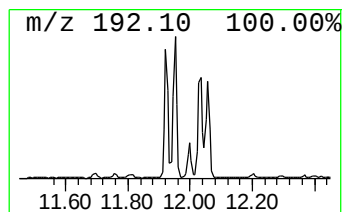
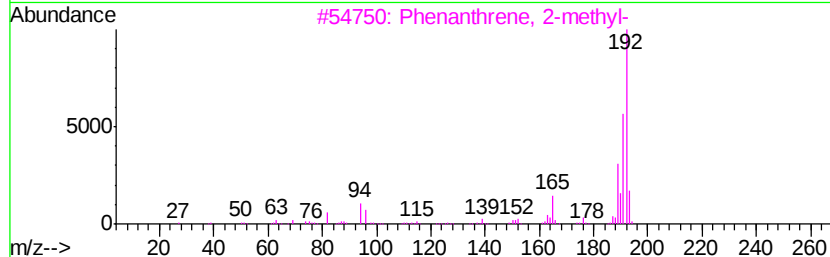
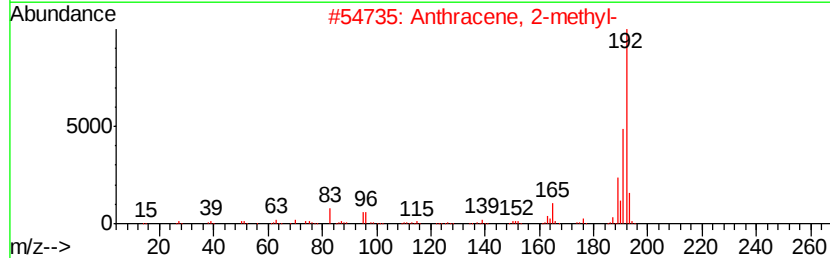
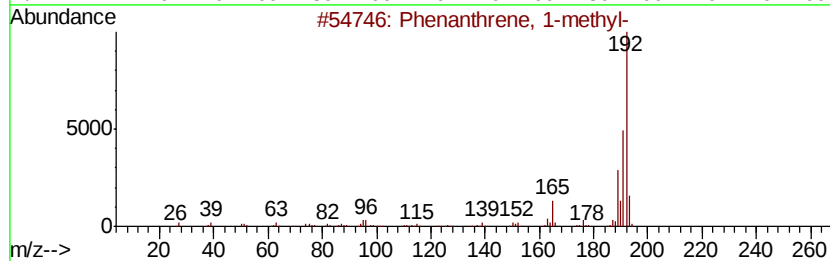
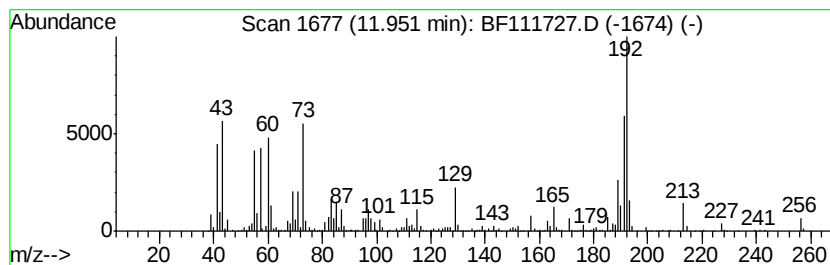
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Phenanthrene, 1-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.		
11.95	11.81 ng	715895	Phenanthrene-d10	11.42		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
2		Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
3		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
4		1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	95
5		1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	95



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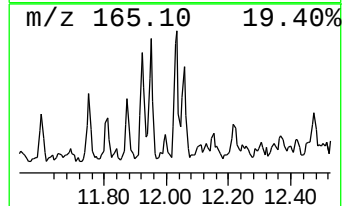
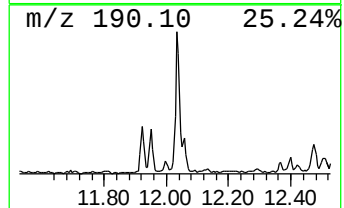
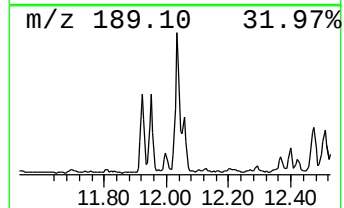
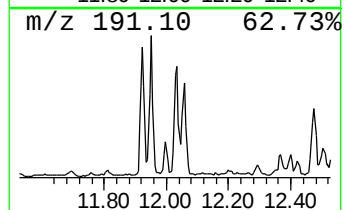
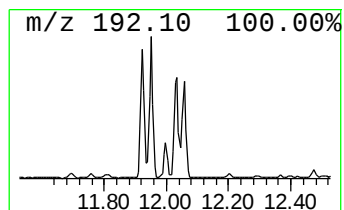
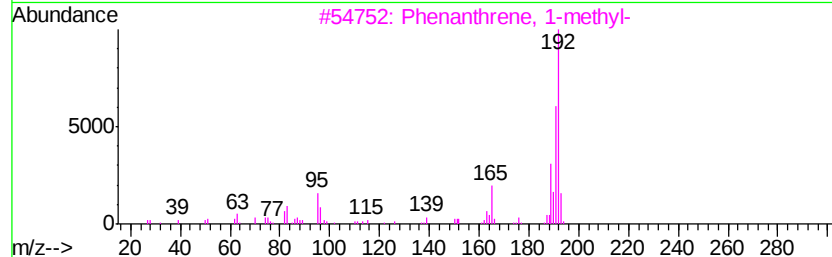
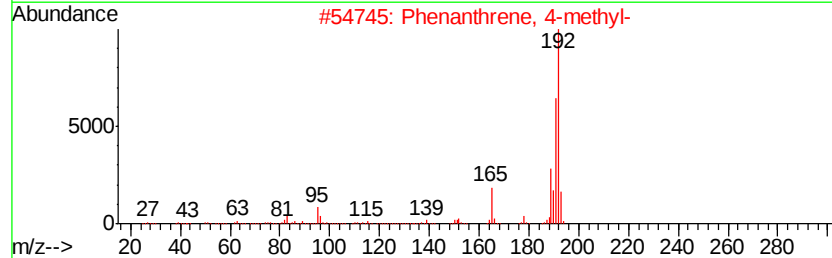
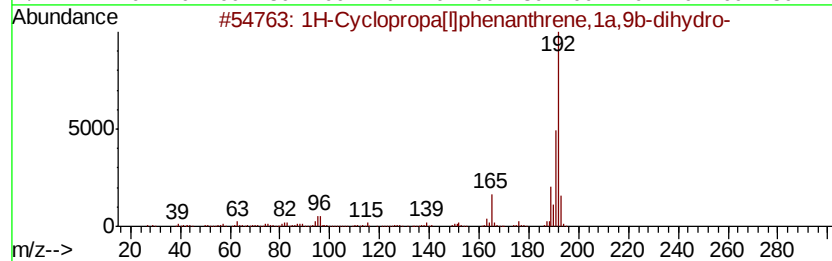
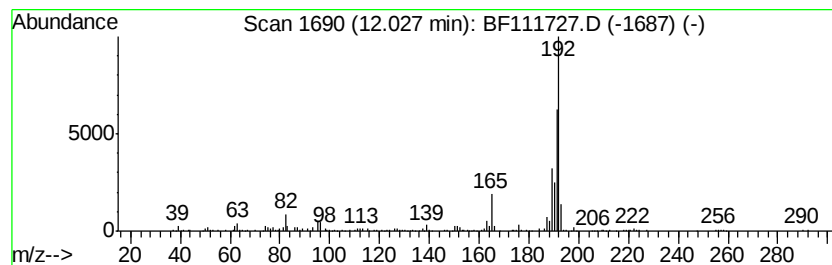
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TIC Integration Parameters: LSCINT.P

Peak Number 4 1H-Cyclopropa[l]phenanthren... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.03	5.79 ng	351056	Phenanthrene-d10	11.42

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-Cyclopropa[l]phenanthrene, 1a, ...	192	C15H12	000949-41-7	92
2		Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	78
3		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	64
4		Naphtho[2,3-b]norborene	192	C15H12	107426-38-0	60
5		Anthracene, 2-methyl-	192	C15H12	000613-12-7	60



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122618\
Data File : BF111727.D
Acq On : 26 Dec 2018 21:30
Operator : JU/SJ
Sample : J6386-19
Misc :
ALS Vial : 9 Sample Multiplier: 1

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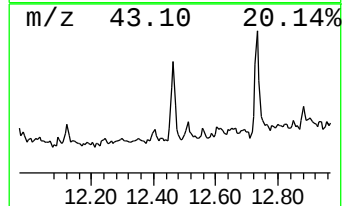
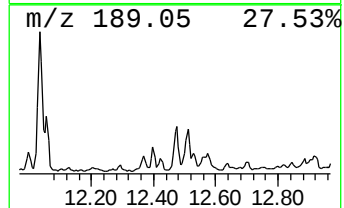
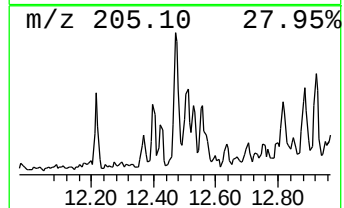
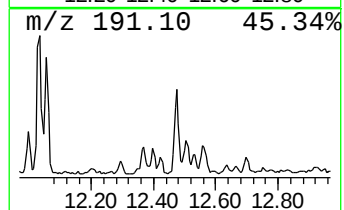
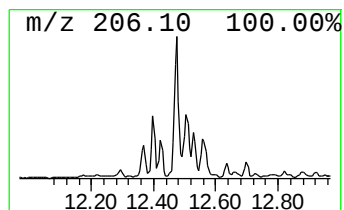
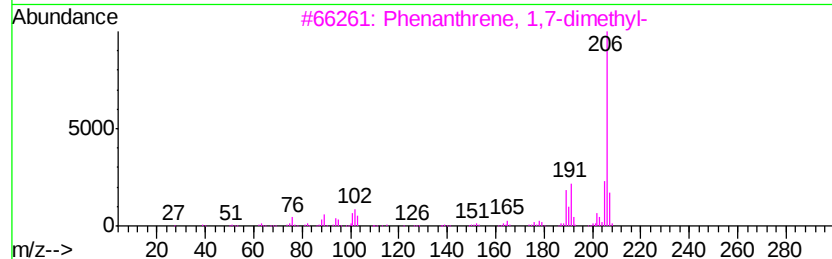
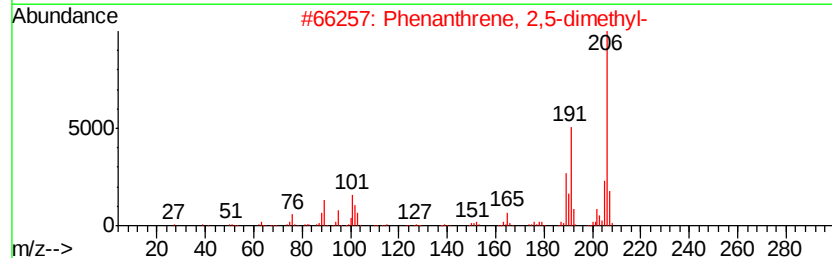
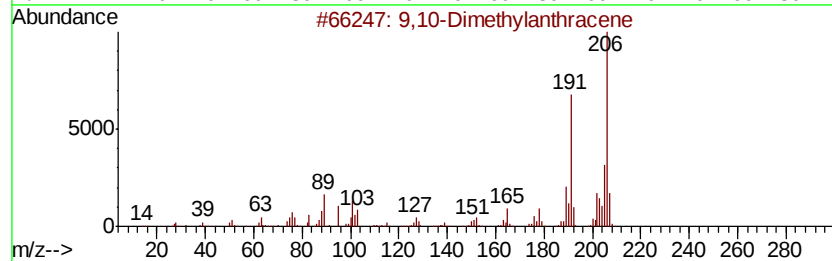
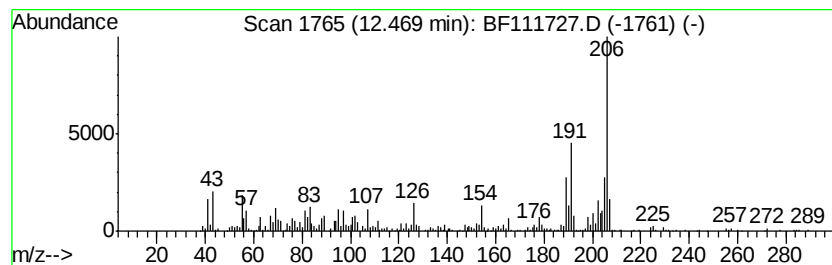
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 9,10-Dimethylantracene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.47	8.23 ng	499167	Phenanthrene-d10	11.42

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			9,10-Dimethylantracene	206	C16H14	000781-43-1	95
2			Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	90
3			Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	86
4			Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	86
5			Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	83



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Operator : JU/SJ
Sample : J6386-19
Misc :
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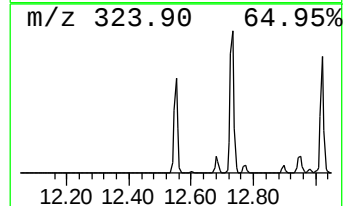
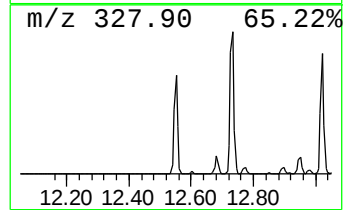
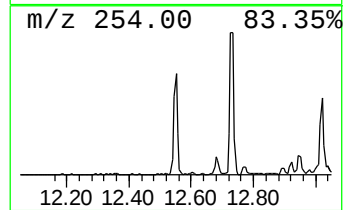
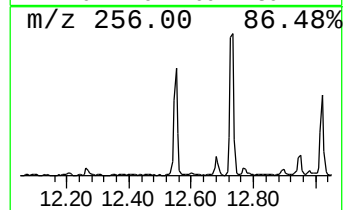
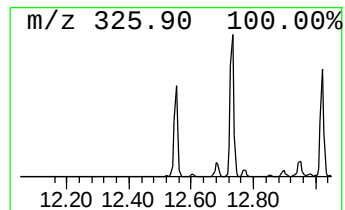
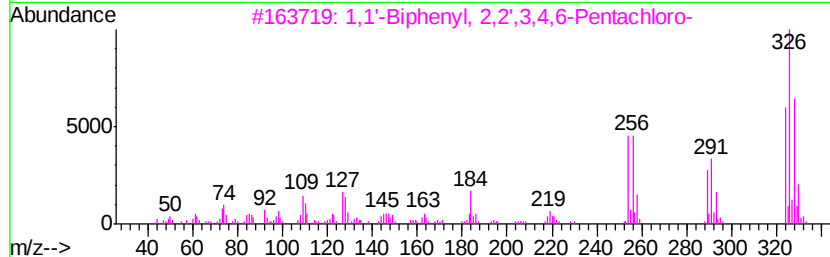
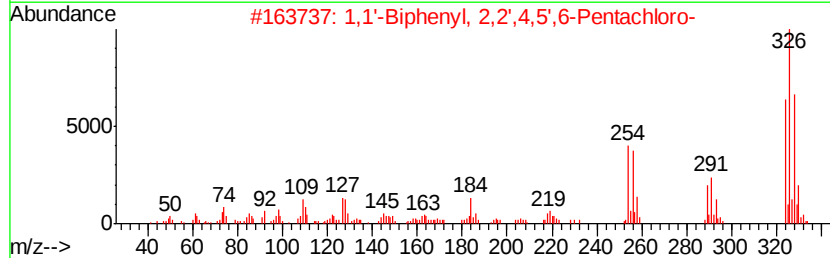
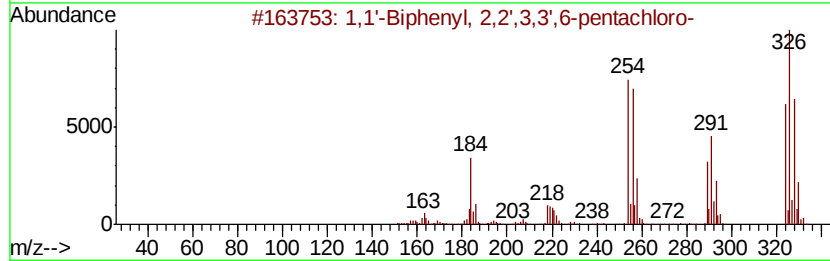
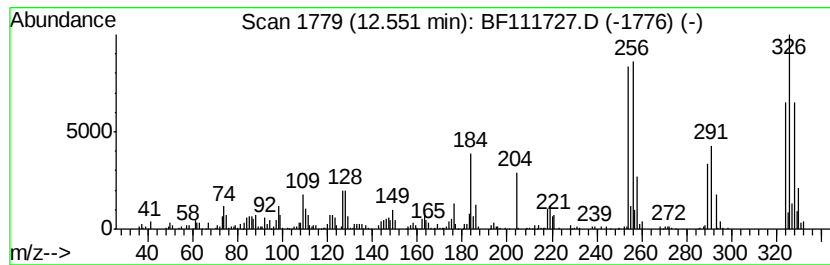
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 1,1'-Biphenyl, 2,2',3,3',6-... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.55	7.99 ng	484331	Phenanthrene-d10	11.42	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',3,3',6-penta...	324	C12H5Cl5	052663-60-2	99
2	1,1'-Biphenyl, 2,2',4,5',6-Penta...	324	C12H5Cl5	060145-21-3	99
3	1,1'-Biphenyl, 2,2',3,4,6-Pentac...	324	C12H5Cl5	055215-17-3	99
4	1,1'-Biphenyl, 2,2',3,5,5'-penta...	324	C12H5Cl5	052663-61-3	99
5	2,3,3',4,5'-Pentachloro-1,1'-bip...	324	C12H5Cl5	070362-41-3	99



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Misc :
ALS Vial : 9 Sample Multiplier: 1

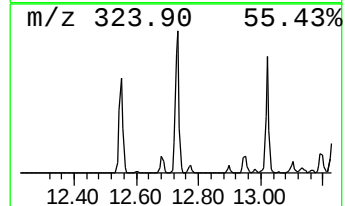
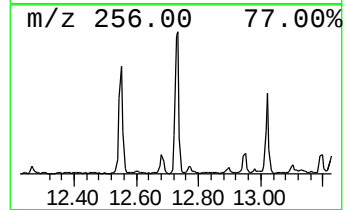
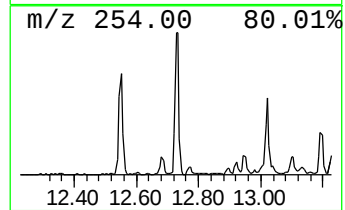
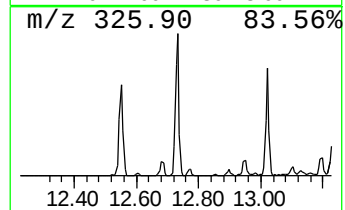
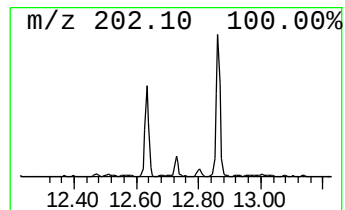
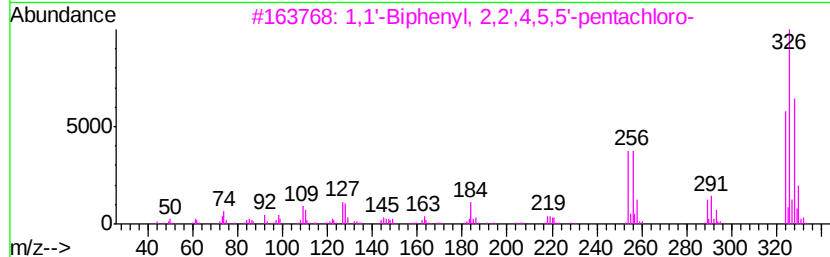
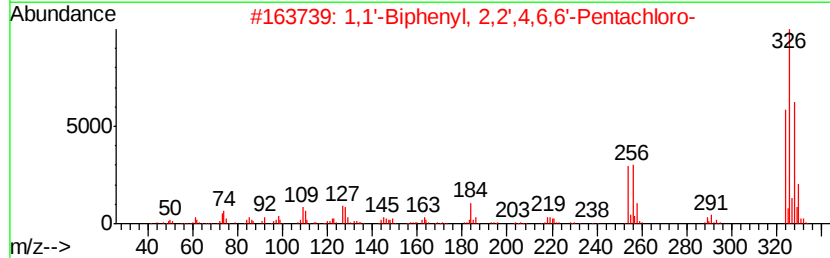
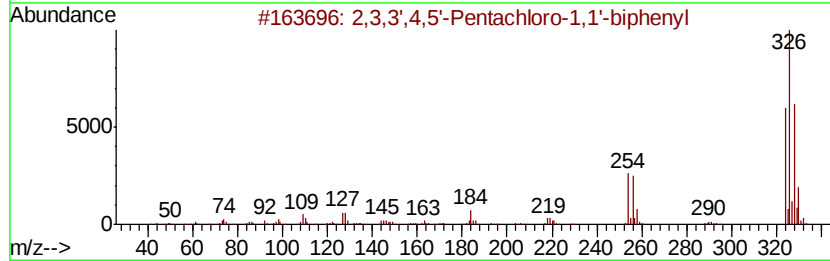
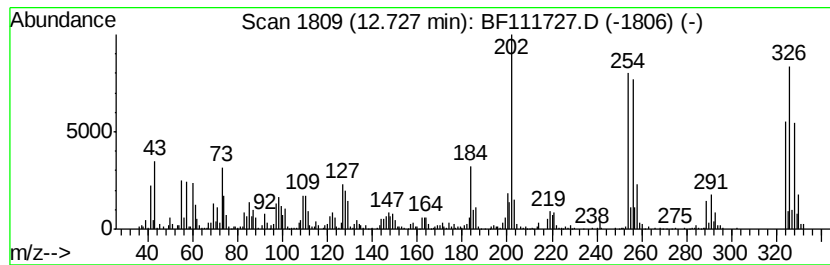
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.73	14.38 ng	872084	Phenanthrene-d10	11.42	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,3,3',4,5'-Pentachloro-1,1'-bip...	324	C12H5Cl5	070362-41-3	99
2	1,1'-Biphenyl, 2,2',4,6,6'-Penta...	324	C12H5Cl5	056558-16-8	99
3	1,1'-Biphenyl, 2,2',4,5,5'-penta...	324	C12H5Cl5	037680-73-2	98
4	1,1'-Biphenyl, 2,2',4,4',5-penta...	324	C12H5Cl5	038380-01-7	98
5	2,2',3,4',5-Pentachloro-1,1'-bip...	324	C12H5Cl5	068194-07-0	97



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122618\
Data File : BF111727.D
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Sample : J6386-19
Misc :
ALS Vial : 9 Sample Multiplier: 1

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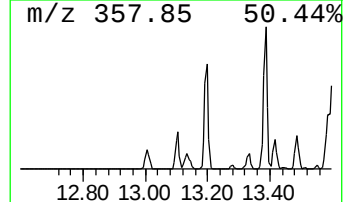
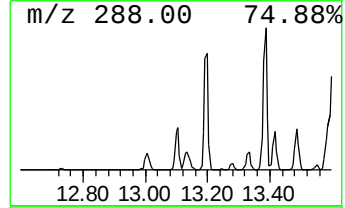
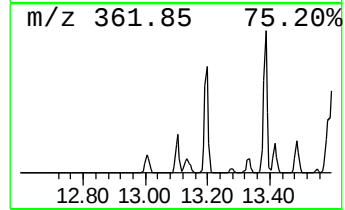
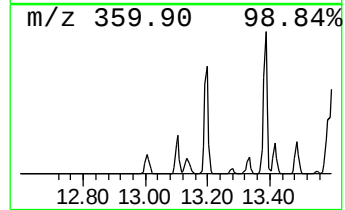
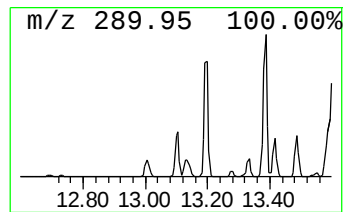
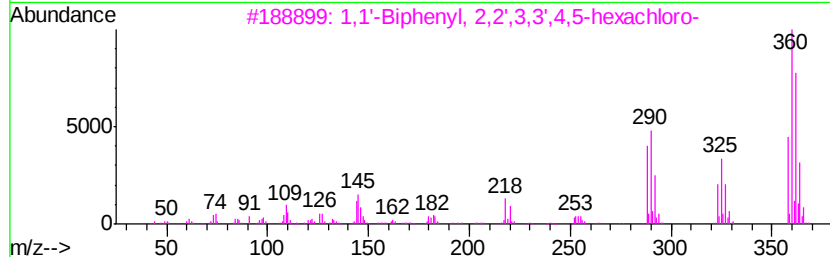
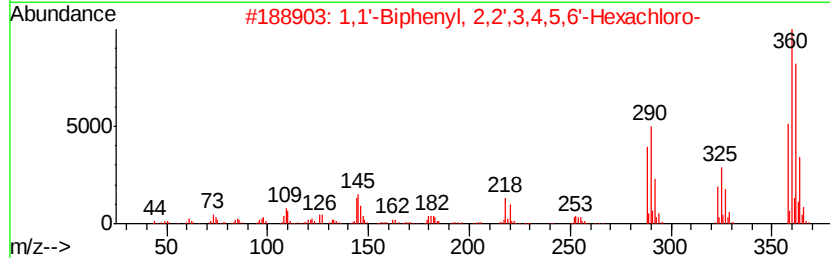
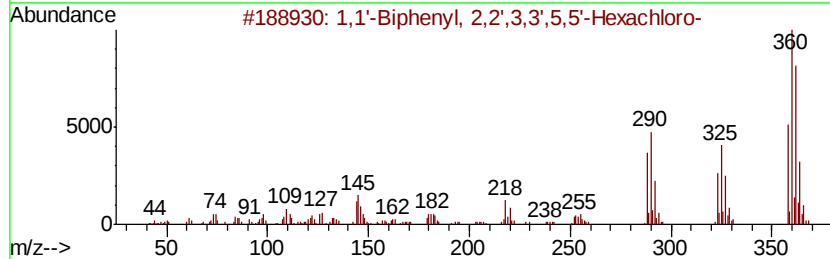
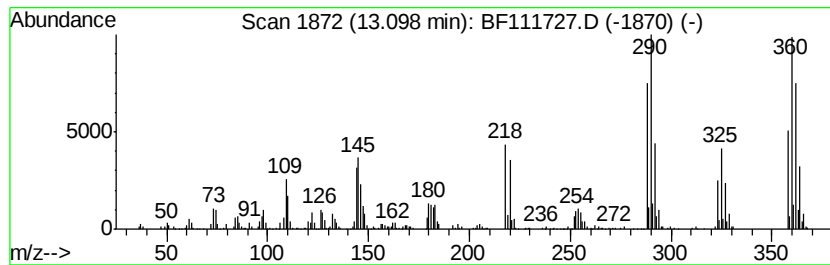
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 1,1'-Biphenyl, 2,2',3,3',5,... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.10	6.05 ng	581931	Chrysene-d12	14.06

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,1'-Biphenyl, 2,2',3,3',5,5'-He...	358	C12H4Cl6	035694-04-3	99
2		1,1'-Biphenyl, 2,2',3,4,5,6'-Hex...	358	C12H4Cl6	068194-15-0	99
3		1,1'-Biphenyl, 2,2',3,3',4,5-hex...	358	C12H4Cl6	055215-18-4	99
4		2,3,3',4',5',6-Hexachloro-1,1'-b...	358	C12H4Cl6	074472-45-0	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\
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Operator : JU/SJ
Sample : J6386-19
Misc :
ALS Vial : 9 Sample Multiplier: 1

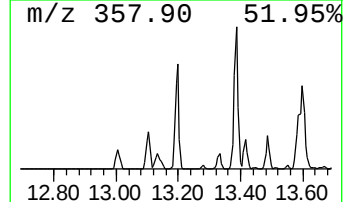
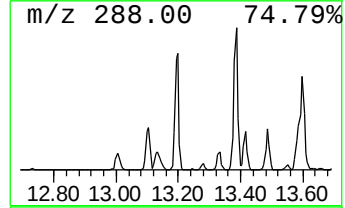
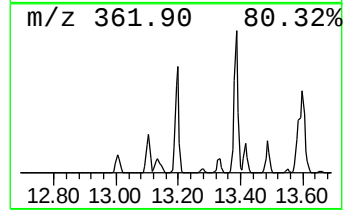
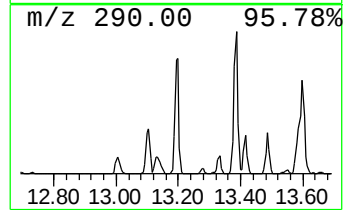
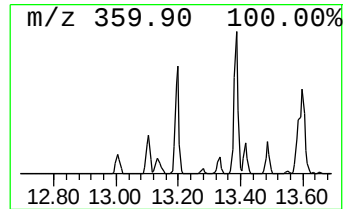
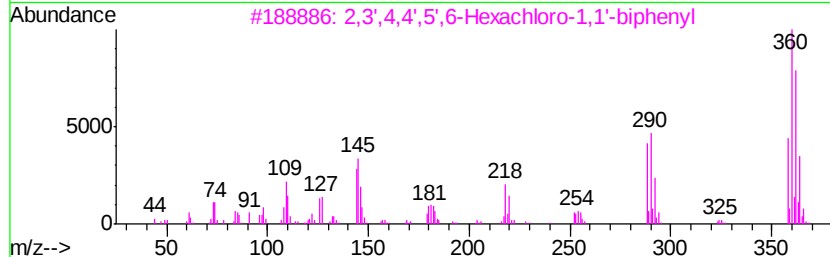
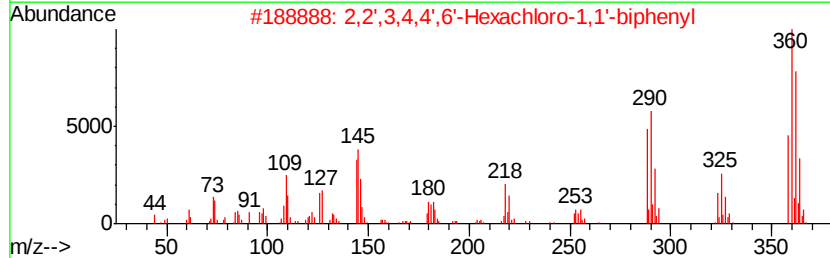
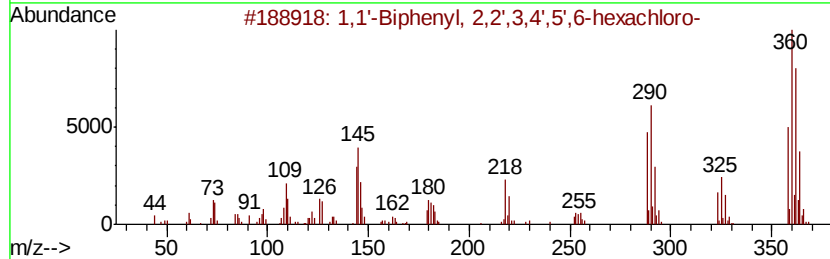
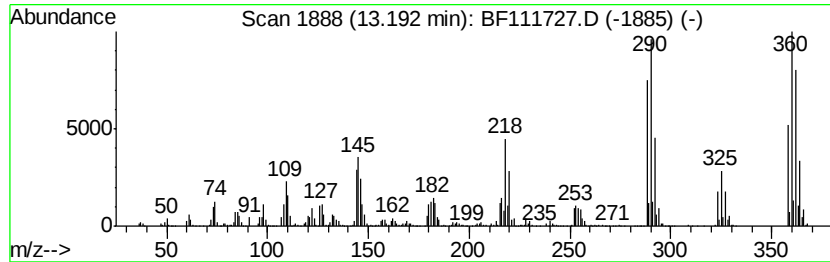
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.		
13.19	17.91 ng	1722550	Chrysene-d12	14.06		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'	-Biphenyl, 2,2',3,4',5',6-he...	358	C12H4Cl6	038380-04-0	99
2	2,2',	3,4,4',6'-Hexachloro-1,1'-b...	358	C12H4Cl6	059291-64-4	99
3	2,3',	4,4',5',6-Hexachloro-1,1'-b...	358	C12H4Cl6	059291-65-5	99
4	1,1'	-Biphenyl, 2,2',3,4,5,5'-hex...	358	C12H4Cl6	052712-04-6	99
5	2,2',	3,4',5,6-Hexachloro-1,1'-bi...	358	C12H4Cl6	068194-13-8	99



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Sample : J6386-19
Misc :
ALS Vial : 9 Sample Multiplier: 1

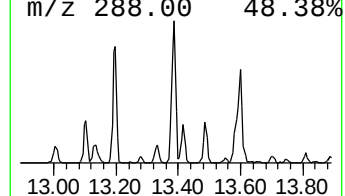
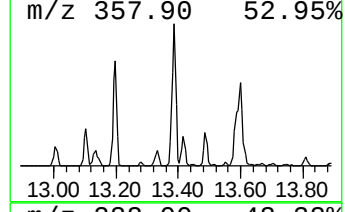
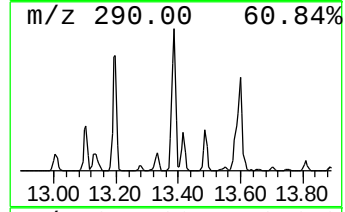
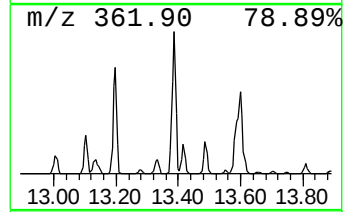
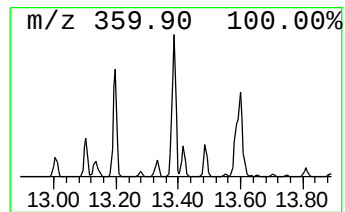
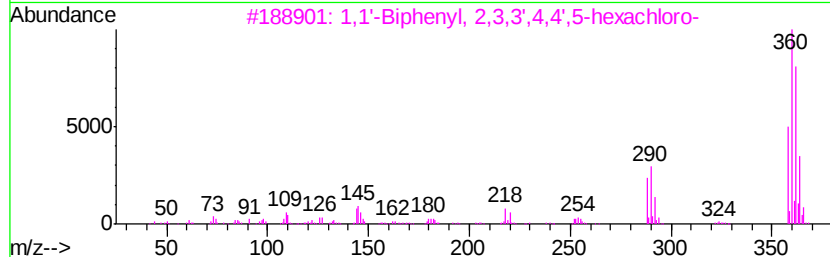
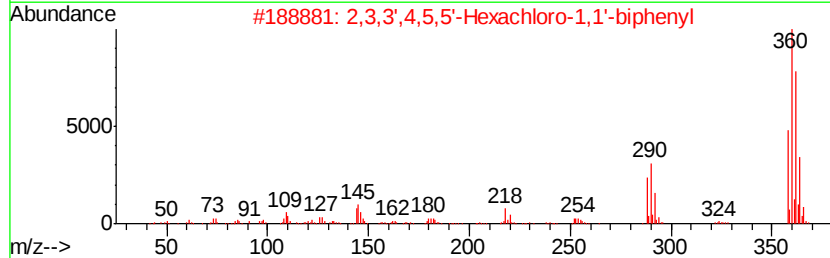
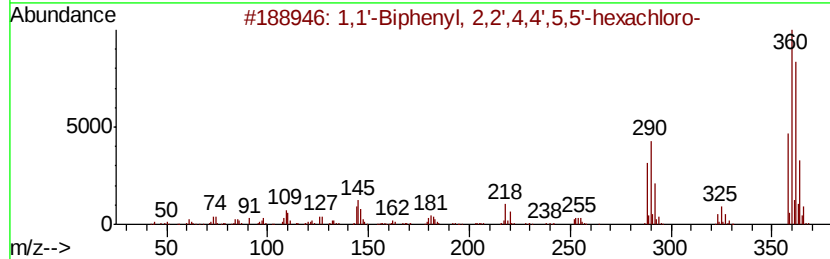
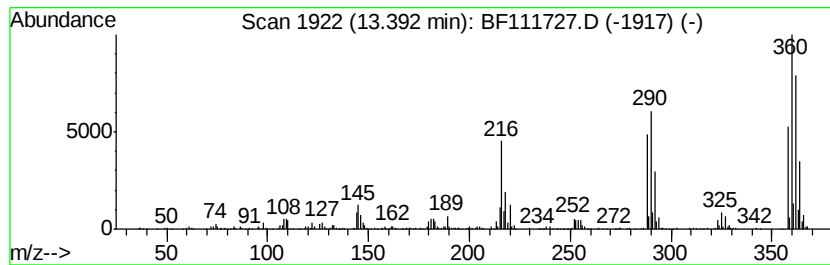
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.		
13.39	20.03 ng	1926280	Chrysene-d12	14.06		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',4,4',5,5'-he...	358	C12H4Cl6	035065-27-1	99	
2	2,3,3',4,5,5'-Hexachloro-1,1'-bi...	358	C12H4Cl6	039635-35-3	99	
3	1,1'-Biphenyl, 2,3,3',4,4',5-hex...	358	C12H4Cl6	038380-08-4	99	
4	2,3,3',4',5,5'-Hexachloro-1,1'-b...	358	C12H4Cl6	039635-34-2	99	
5	2,3,3',4,5',6-Hexachloro-1,1'-bi...	358	C12H4Cl6	074472-43-8	99	



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Misc :
ALS Vial : 9 Sample Multiplier: 1

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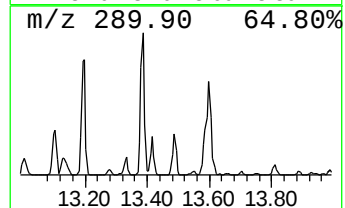
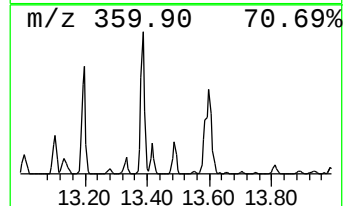
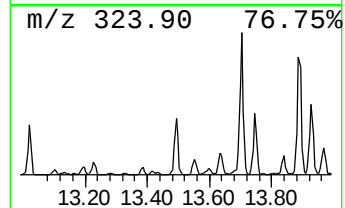
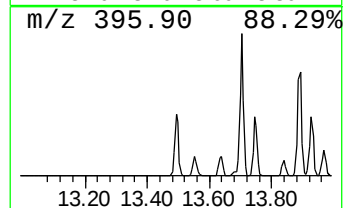
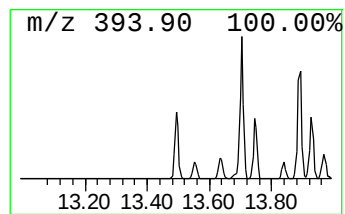
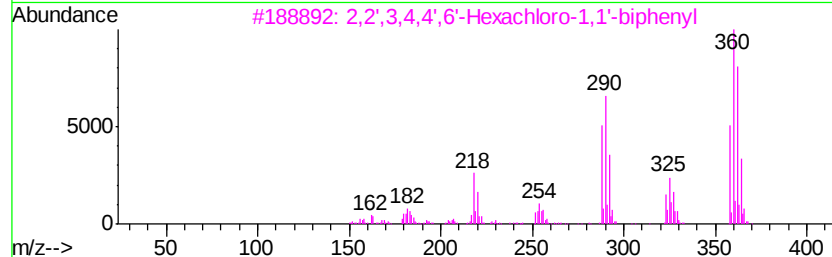
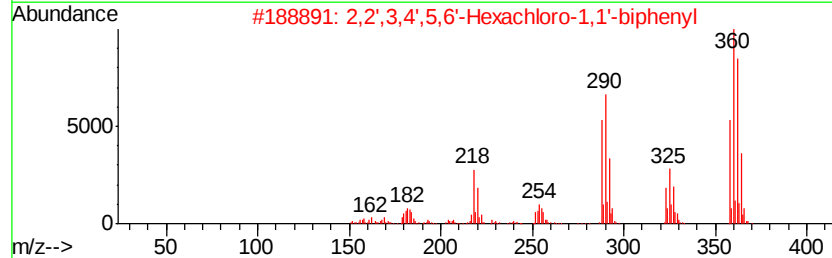
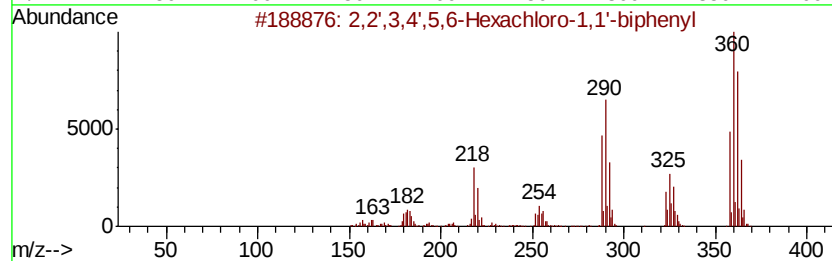
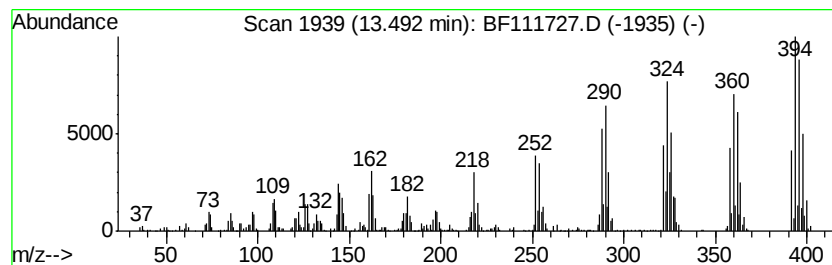
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 2,2',3,4',5,6-Hexachloro-1,... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.49	9.14 ng	878577	Chrysene-d12	14.06

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2',3,4',5,6-Hexachloro-1,1'-bi...	358	C12H4Cl6	068194-13-8	99		
2	2,2',3,4',5,6'-Hexachloro-1,1'-b...	358	C12H4Cl6	074472-41-6	99		
3	2,2',3,4,4',6'-Hexachloro-1,1'-b...	358	C12H4Cl6	059291-64-4	99		
4	2,3,3',5,5',6-Hexachloro-1,1'-bi...	358	C12H4Cl6	074472-46-1	99		
5	2,2',3,4,5,6-Hexachloro-1,1'-bip...	358	C12H4Cl6	041411-61-4	99		



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122618\
Data File : BF111727.D
Acq On : 26 Dec 2018 21:30
Operator : JU/SJ
Sample : J6386-19
Misc :
ALS Vial : 9 Sample Multiplier: 1

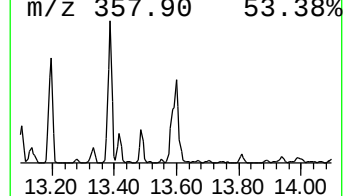
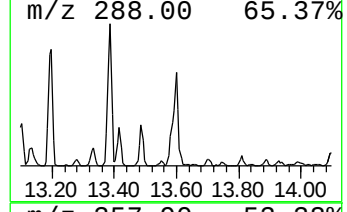
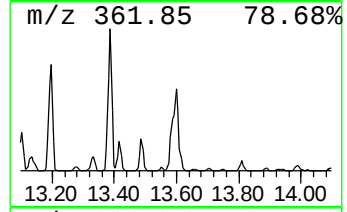
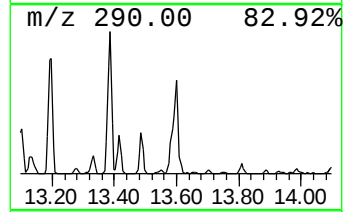
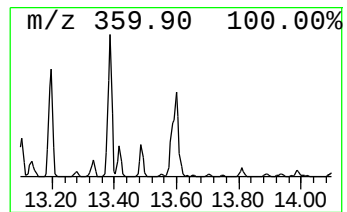
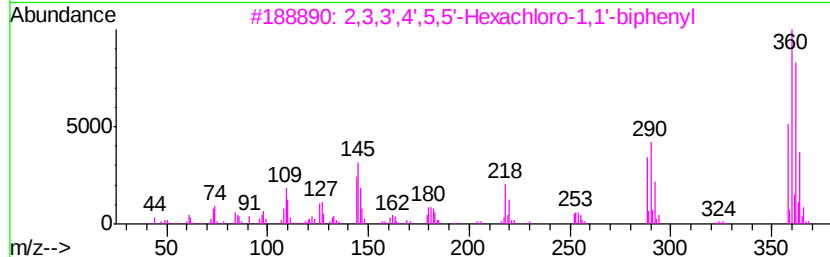
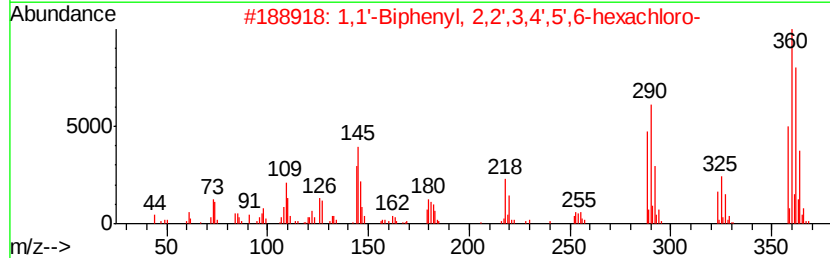
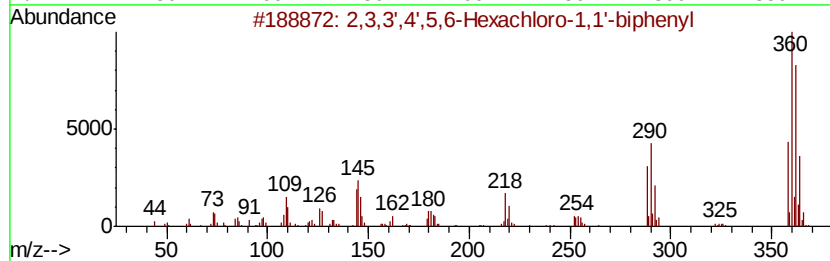
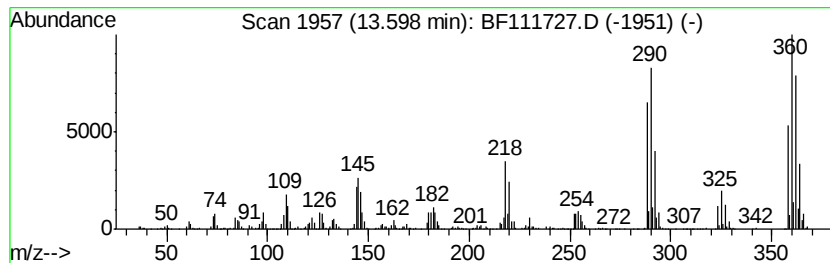
Instrument :
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ClientSampleId :
P001-SS008-0006-01

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

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

Peak Number 12 2,3,3',4',5,6-Hexachloro-1,... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.		
13.60	19.63 ng	1888140	Chrysene-d12	14.06		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,3,3',4',5,6-Hexachloro-1,1'-bi...	358	C12H4Cl6	074472-44-9	99	
2	1,1'-Biphenyl, 2,2',3,4',5',6-he...	358	C12H4Cl6	038380-04-0	99	
3	2,3,3',4',5,5'-Hexachloro-1,1'-b...	358	C12H4Cl6	039635-34-2	99	
4	2,3,3',4',5',6-Hexachloro-1,1'-b...	358	C12H4Cl6	074472-45-0	99	
5	2,3,3',4,5,5'-Hexachloro-1,1'-bi...	358	C12H4Cl6	039635-35-3	99	



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122618\
Data File : BF111727.D
Acq On : 26 Dec 2018 21:30
Operator : JU/SJ
Sample : J6386-19
Misc :
ALS Vial : 9 Sample Multiplier: 1

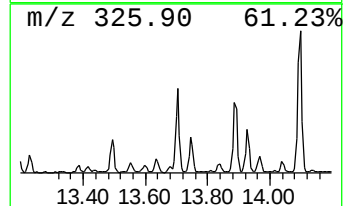
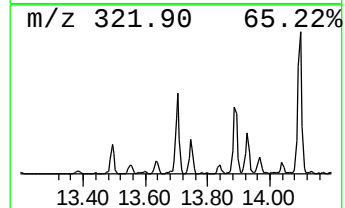
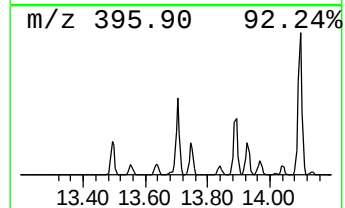
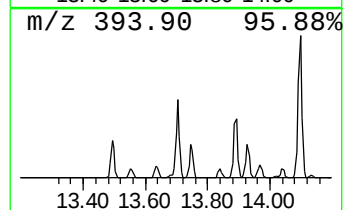
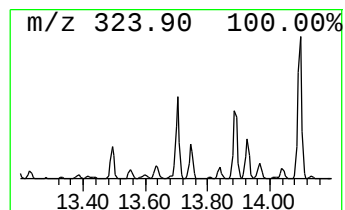
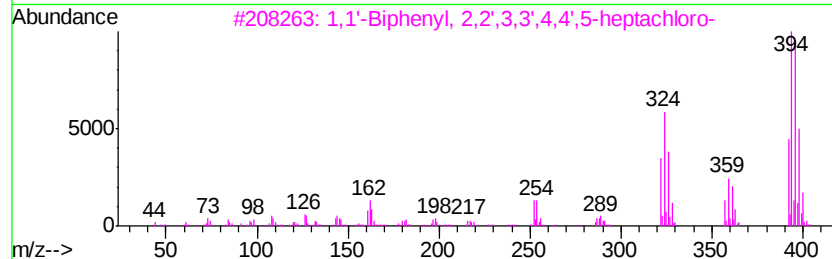
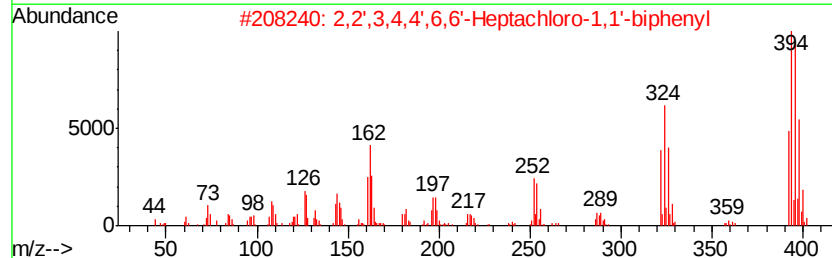
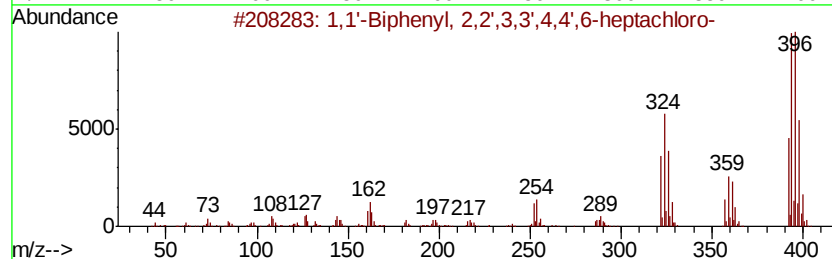
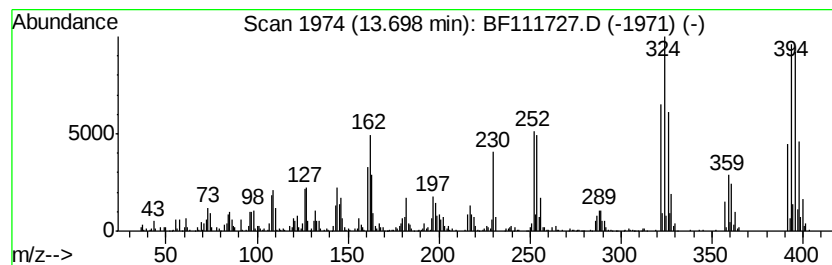
Instrument :
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ClientSampleId :
P001-SS008-0006-01

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

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

Peak Number 13 1,1'-Biphenyl, 2,2',3,3',4,... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.		
13.70	11.94 ng	1147850	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	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',5-...		392	C12H3Cl7	035065-30-6	99
4	1,1'-Biphenyl, 2,2',3,4',5,5',6-...		392	C12H3Cl7	052663-68-0	99
5	1,1'-Biphenyl, 2,2',3,3',4,6,6'-...		392	C12H3Cl7	052663-65-7	99



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122618\
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Operator : JU/SJ
Sample : J6386-19
Misc :
ALS Vial : 9 Sample Multiplier: 1

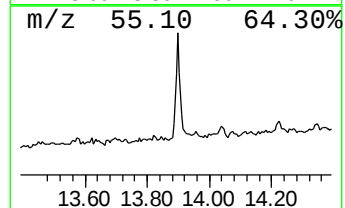
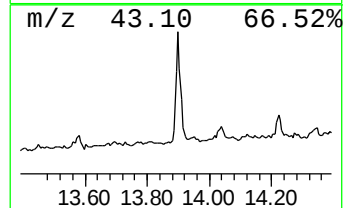
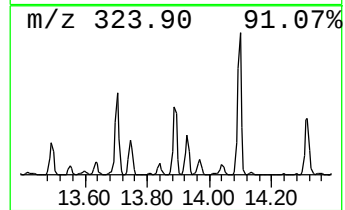
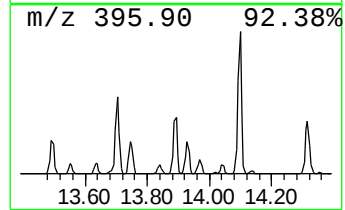
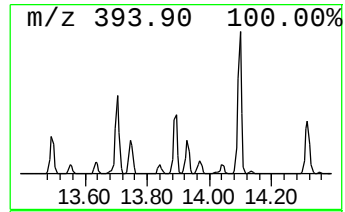
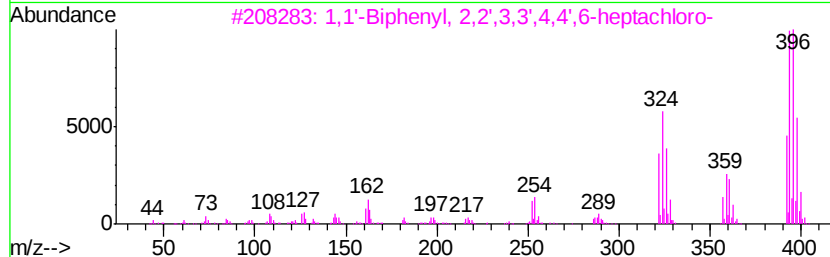
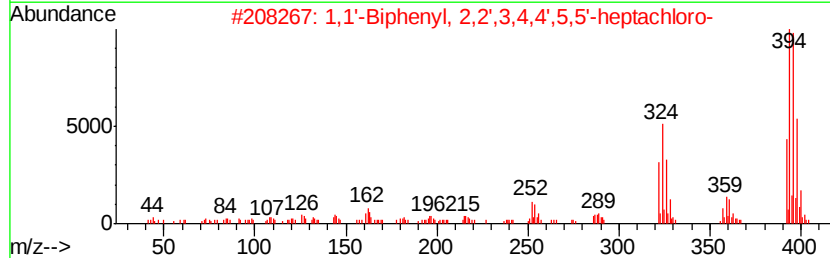
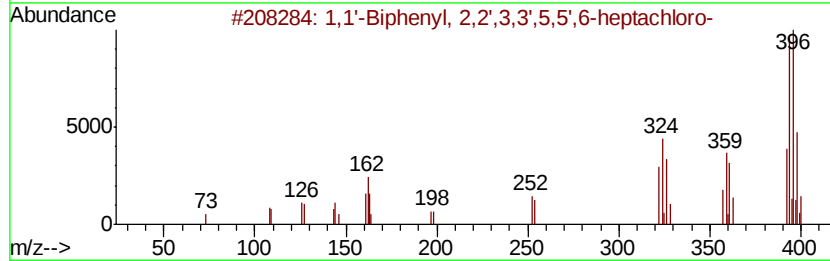
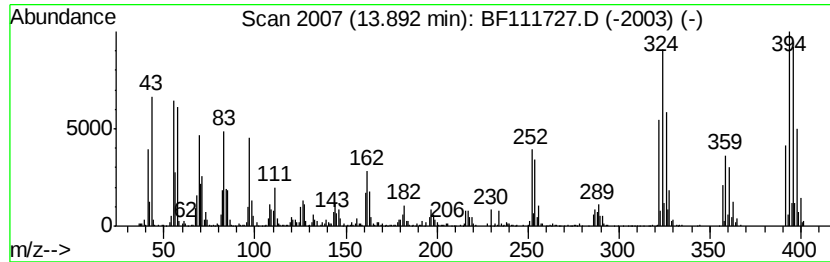
Instrument :
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.89	17.94 ng	1725700	Chrysene-d12	14.06	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',3,3',5,5',6-...	392	C12H3Cl7	052663-67-9	99
2	1,1'-Biphenyl, 2,2',3,4,4',5,5'-...	392	C12H3Cl7	035065-29-3	99
3	1,1'-Biphenyl, 2,2',3,3',4,4',6-...	392	C12H3Cl7	052663-71-5	99
4	2,2',3,3',4,5',6-Heptachlorobiph...	392	C12H3Cl7	040186-70-7	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\
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Acq On : 26 Dec 2018 21:30
Operator : JU/SJ
Sample : J6386-19
Misc :
ALS Vial : 9 Sample Multiplier: 1

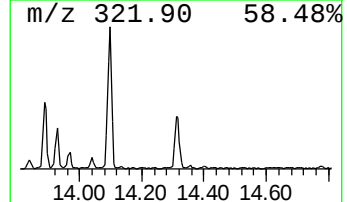
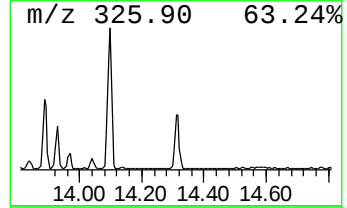
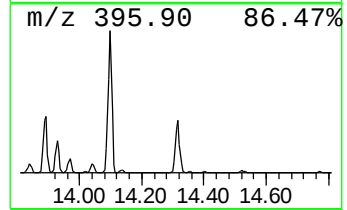
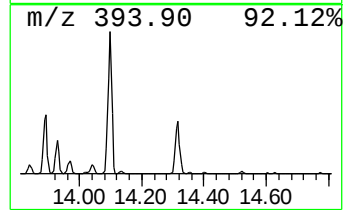
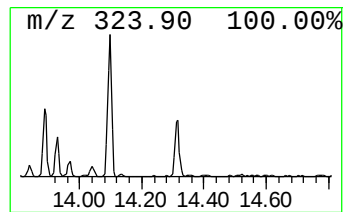
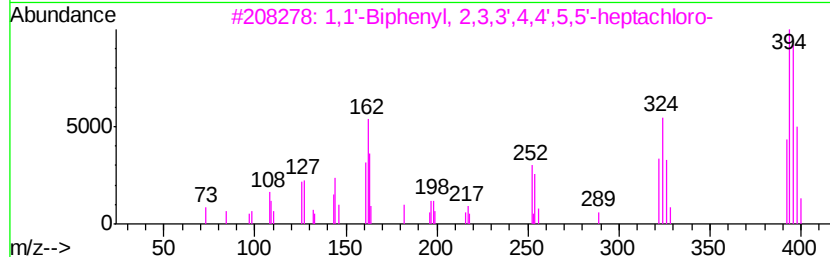
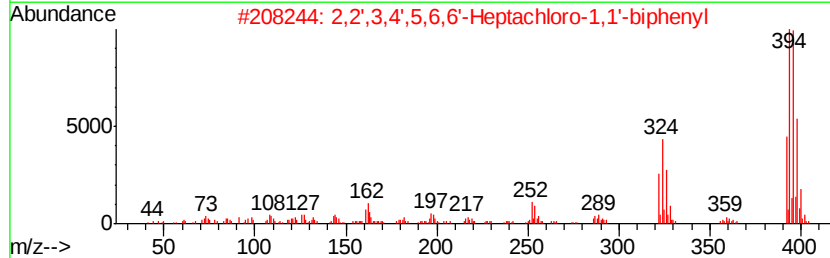
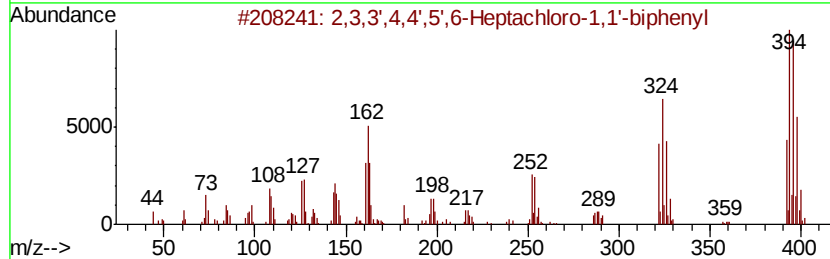
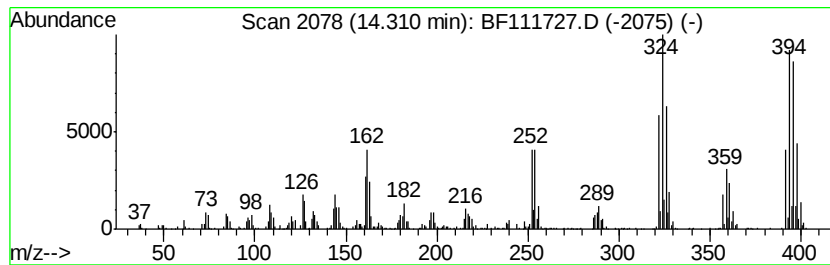
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 2,3,3',4,4',5',6-Heptachlor... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.	
14.31	8.90 ng	856260	Chrysene-d12	14.06	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,3,3',4,4',5',6-Heptachloro-1,1...	392	C12H3Cl7	074472-50-7	99
2	2,2',3,4',5,6,6'-Heptachloro-1,1...	392	C12H3Cl7	074487-85-7	99
3	1,1'-Biphenyl, 2,3,3',4,4',5,5'-...	392	C12H3Cl7	039635-31-9	99
4	2,2',3,3',4,5',6-Heptachlorobiph...	392	C12H3Cl7	040186-70-7	99
5	1,1'-Biphenyl, 2,2',3,3',4,4',6-...	392	C12H3Cl7	052663-71-5	99



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122618\
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Sample : J6386-19
Misc :
ALS Vial : 9 Sample Multiplier: 1

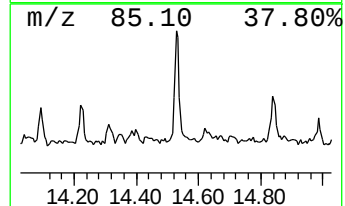
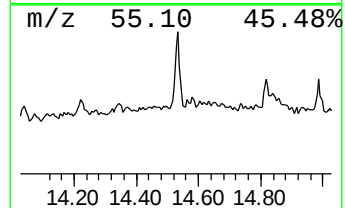
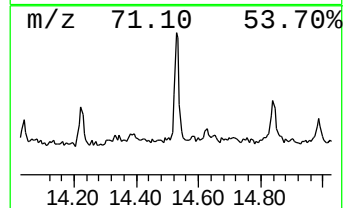
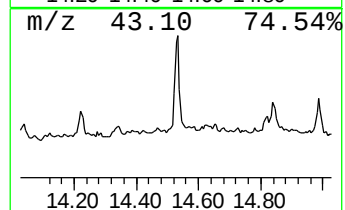
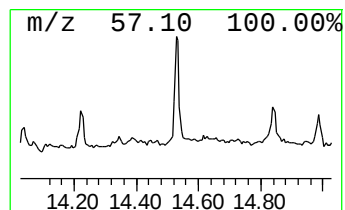
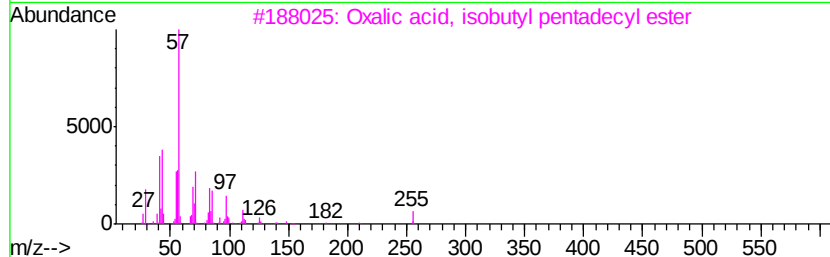
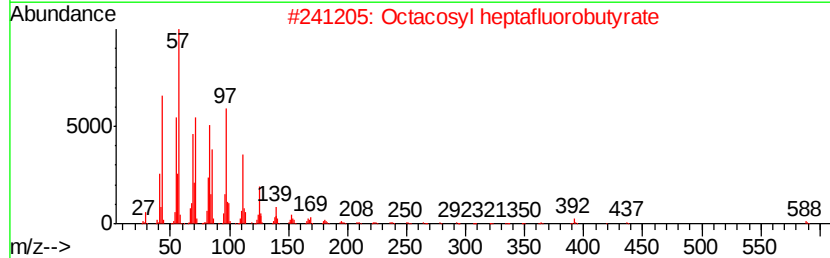
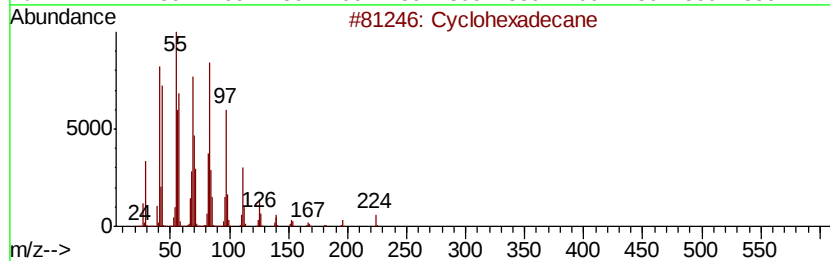
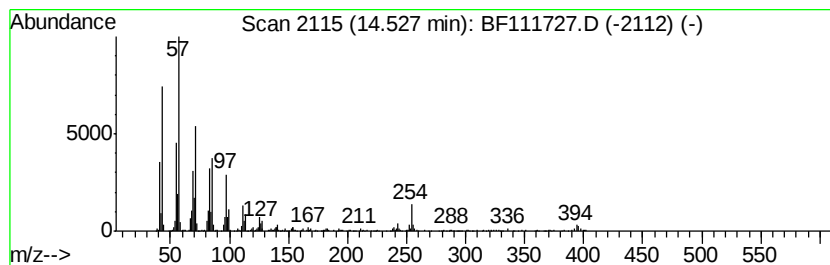
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Cyclohexadecane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.53	6.33 ng	608759	Chrysene-d12	14.06
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Cyclohexadecane	224 C16H32	000295-65-8 96
2		Octacosyl heptafluorobutyrate	606 C32H57F7O2	1000351-83-6 90
3		Oxalic acid, isobutyl pentadecyl...	356 C21H40O4	1000309-38-0 90
4		Triacetyl pentafluoropropionate	584 C33H61F5O2	1000351-80-0 87
5		Triacetyl trifluoroacetate	534 C32H61F3O2	1000351-75-7 87



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122618\
Data File : BF111727.D
Acq On : 26 Dec 2018 21:30
Operator : JU/SJ
Sample : J6386-19
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
P001-SS008-0006-01

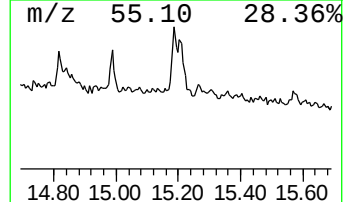
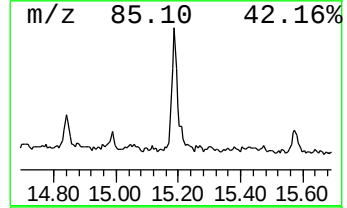
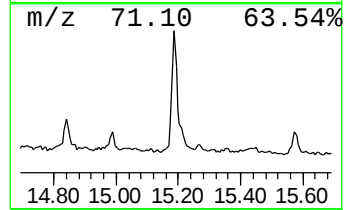
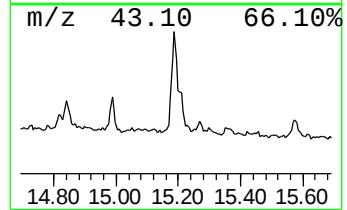
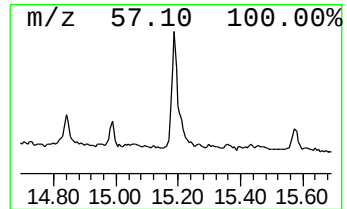
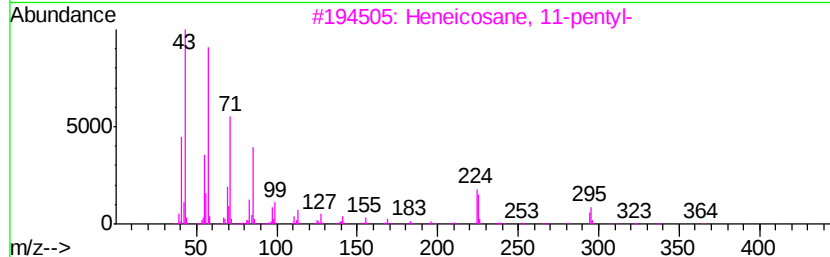
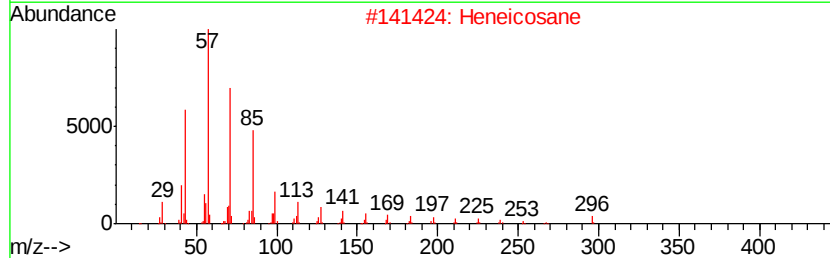
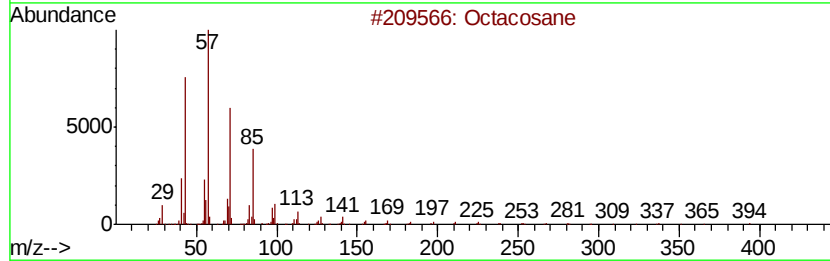
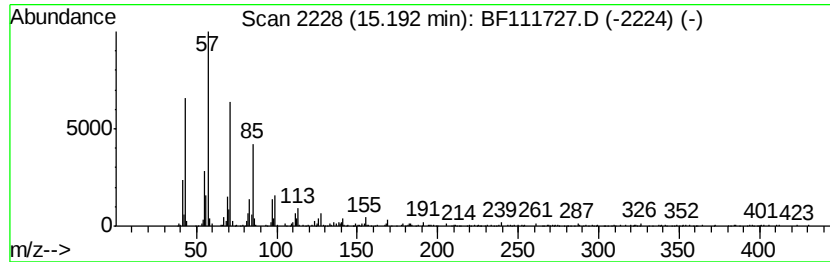
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Octacosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.19	13.06 ng	492327	Perylene-d12	15.54

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octacosane	394	C28H58	000630-02-4	99
2		Heneicosane	296	C21H44	000629-94-7	96
3		Heneicosane, 11-pentyl-	366	C26H54	014739-72-1	93
4		Tetracosane	338	C24H50	000646-31-1	90
5		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122618\
Data File : BF111727.D
Acq On : 26 Dec 2018 21:30
Operator : JU/SJ
Sample : J6386-19
Misc :
ALS Vial : 9 Sample Multiplier: 1

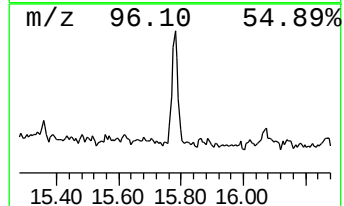
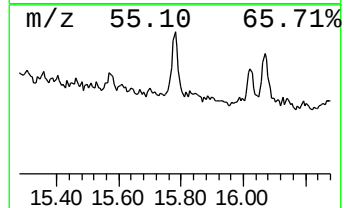
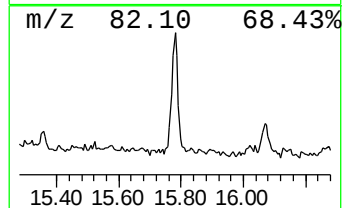
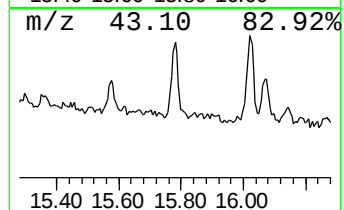
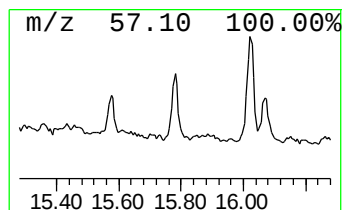
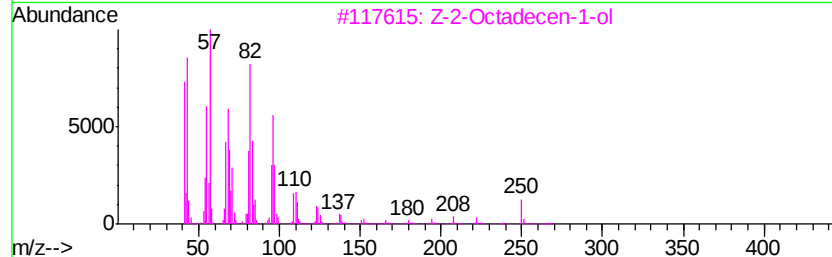
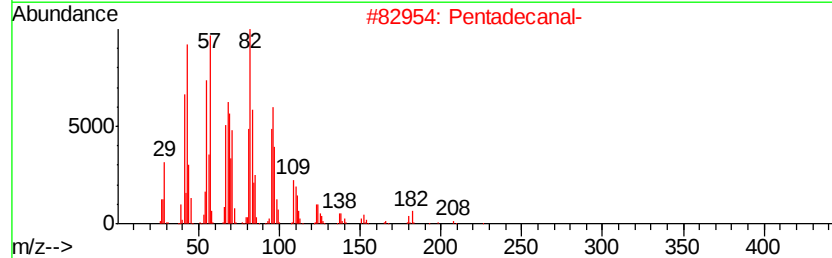
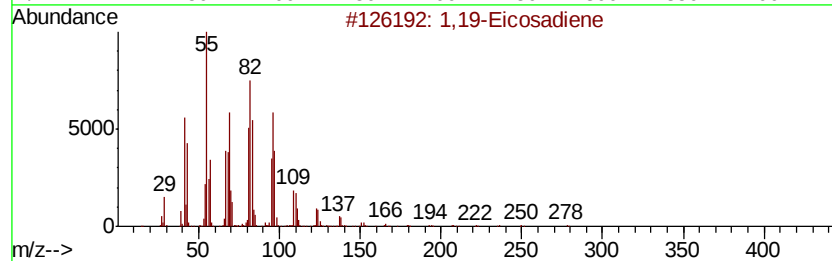
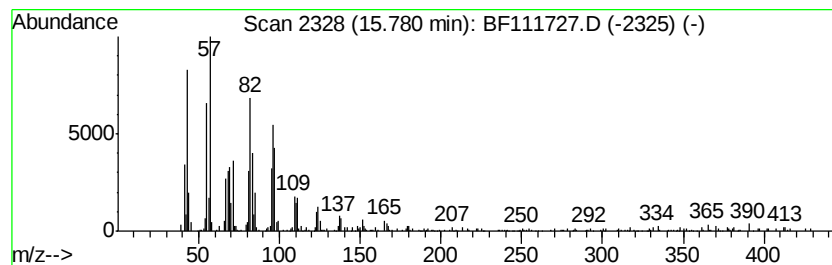
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 1,19-Eicosadiene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.	
15.78	10.47 ng	394959	Perylene-d12	15.54	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,19-Eicosadiene	278	C20H38	014811-95-1	95
2	Pentadecanal-	226	C15H30O	002765-11-9	91
3	Z-2-Octadecen-1-ol	268	C18H36O	1000131-11-0	90
4	Octadecanal	268	C18H36O	000638-66-4	89
5	Bicyclo[10.8.0]eicosane, cis-	278	C20H38	1000155-82-2	89



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122618\
Data File : BF111727.D
Acq On : 26 Dec 2018 21:30
Operator : JU/SJ
Sample : J6386-19
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
P001-SS008-0006-01

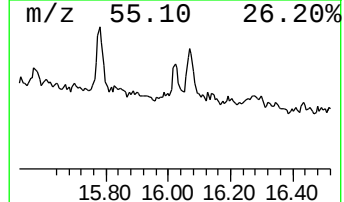
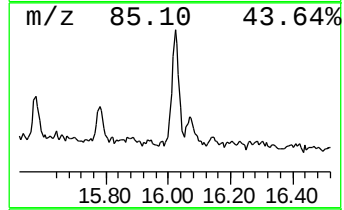
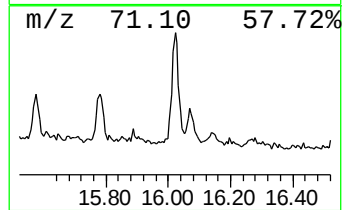
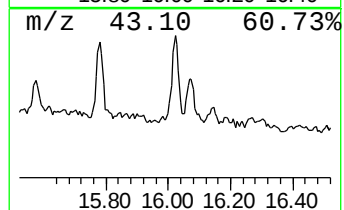
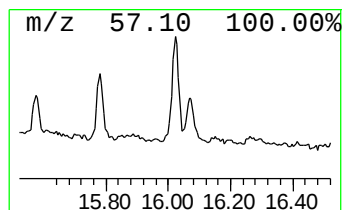
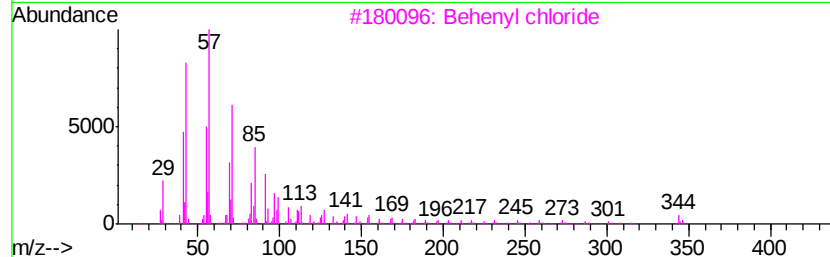
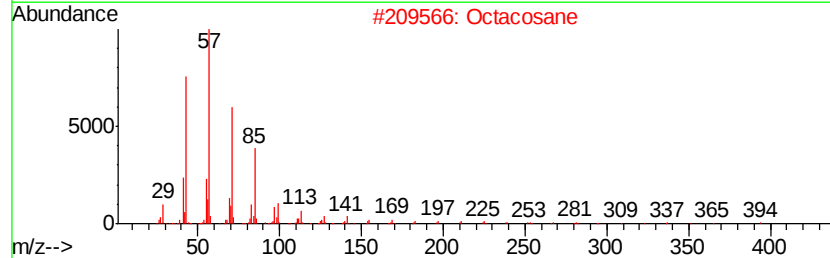
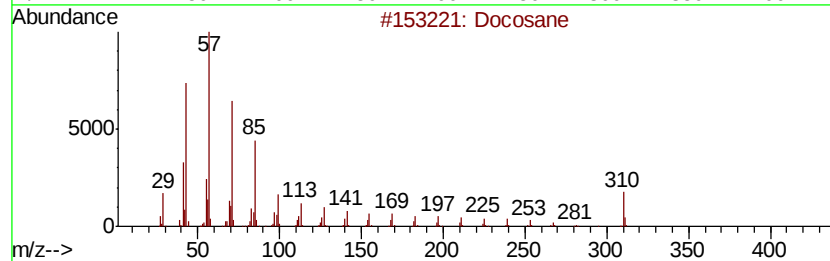
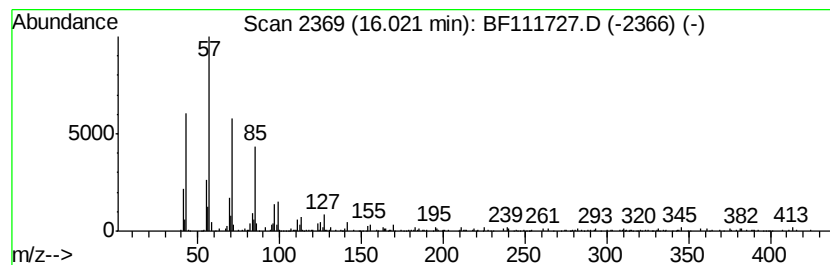
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Docosane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.02	6.96 ng	262252	Perylene-d12	15.54

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Docosane	310	C22H46	000629-97-0	90
2		Octacosane	394	C28H58	000630-02-4	87
3		Behenyl chloride	344	C22H45Cl	042217-03-8	87
4		Tetratetracontane	619	C44H90	007098-22-8	87
5		Tetracosane	338	C24H50	000646-31-1	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122618\
Data File : BF111727.D
Acq On : 26 Dec 2018 21:30
Operator : JU/SJ
Sample : J6386-19
Misc :
ALS Vial : 9 Sample Multiplier: 1

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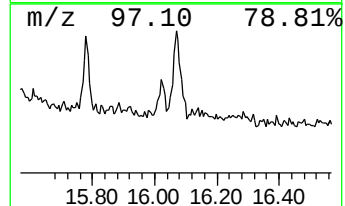
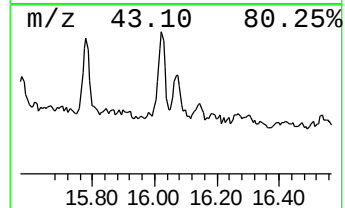
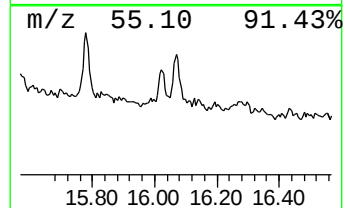
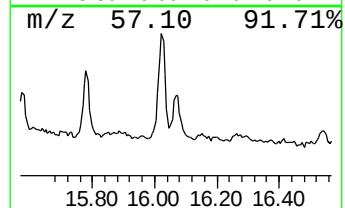
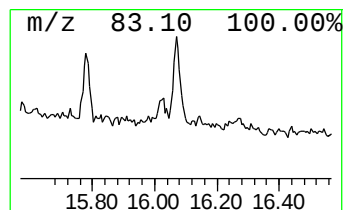
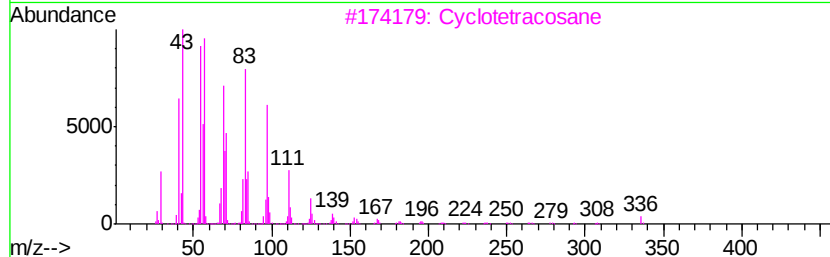
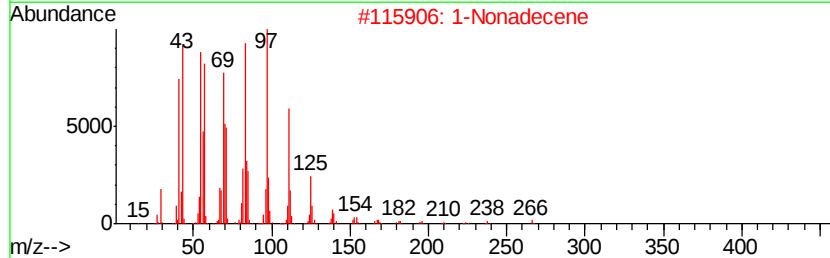
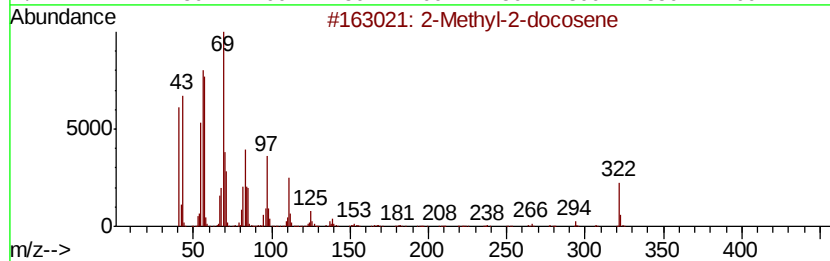
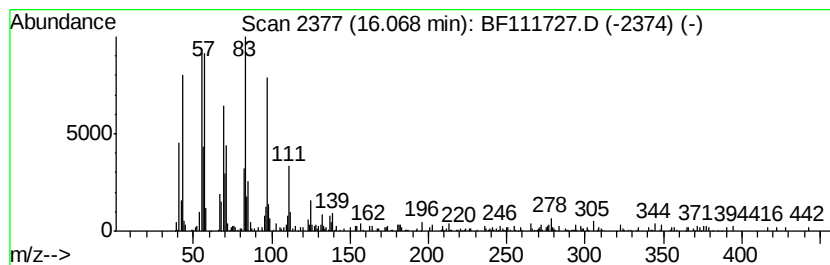
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 2-Methyl-2-docosene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.07	6.85 ng	258160	Perylene-d12	15.54

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Methyl-2-docosene	322	C23H46	1000131-16-9	95
2			1-Nonadecene	266	C19H38	018435-45-5	91
3			Cyclotetracosane	336	C24H48	000297-03-0	91
4			1-Tricosene	322	C23H46	018835-32-0	90
5			9-Tricosene, (Z)-	322	C23H46	027519-02-4	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF122618\
 Data File : BF111727.D
 Acq On : 26 Dec 2018 21:30
 Operator : JU/SJ
 Sample : J6386-19
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P001-SS008-0006-01

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

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
unknown6.67	6.67	72.3	ng	4625230	1	6.90	1280270	20.0
Phenanthrene, 1-m...	11.95	11.8	ng	715895	4	11.42	1212660	20.0
1H-Cyclopropa[l]p...	12.03	5.8	ng	351056	4	11.42	1212660	20.0
9,10-Dimethylanthe...	12.47	8.2	ng	499167	4	11.42	1212660	20.0
1,1'-Biphenyl, 2,...	12.55	8.0	ng	484331	4	11.42	1212660	20.0
2,3,3',4,5'-Penta...	12.73	14.4	ng	872084	4	11.42	1212660	20.0
1,1'-Biphenyl, 2,...	13.10	6.0	ng	581931	5	14.06	1923400	20.0
1,1'-Biphenyl, 2,...	13.19	17.9	ng	1722550	5	14.06	1923400	20.0
1,1'-Biphenyl, 2,...	13.39	20.0	ng	1926280	5	14.06	1923400	20.0
2,2',3,4',5,6-Hex...	13.49	9.1	ng	878577	5	14.06	1923400	20.0
2,3,3',4',5,6-Hex...	13.60	19.6	ng	1888140	5	14.06	1923400	20.0
1,1'-Biphenyl, 2,...	13.70	11.9	ng	1147850	5	14.06	1923400	20.0
1,1'-Biphenyl, 2,...	13.89	17.9	ng	1725700	5	14.06	1923400	20.0
2,3,3',4,4',5',6-...	14.31	8.9	ng	856260	5	14.06	1923400	20.0
Cyclohexadecane	14.53	6.3	ng	608759	5	14.06	1923400	20.0
Octacosane	15.19	13.1	ng	492327	6	15.54	754112	20.0
1,19-Eicosadiene	15.78	10.5	ng	394959	6	15.54	754112	20.0
Docosane	16.02	7.0	ng	262252	6	15.54	754112	20.0
2-Methyl-2-docosene	16.07	6.8	ng	258160	6	15.54	754112	20.0