

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF121718\
 Data File : BF111530.D
 Acq On : 17 Dec 2018 10:57
 Operator : JU/SJ
 Sample : J6386-02
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P001-SS015-0612-02

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-BF121418.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	3.822	288	295	301	rBV	998355	1394374	15.21%	1.212%
2	4.998	490	495	502	rBV	160104	215833	2.36%	0.188%
3	5.375	555	559	560	rBV	236099	229942	2.51%	0.200%
4	5.392	560	562	563	rVV	353836	281632	3.07%	0.245%
5	5.422	563	567	570	rVB	3666183	3538005	38.60%	3.076%
6	5.634	600	603	608	rVB	112774	98369	1.07%	0.086%
7	6.439	735	740	747	rBV	3855198	4105772	44.80%	3.569%
8	6.563	757	761	765	rBV	4034779	3875726	42.29%	3.369%
9	6.786	796	799	807	rBV	1301958	1086664	11.86%	0.945%
10	6.945	822	826	829	rBV	3408496	2875871	31.38%	2.500%
11	7.351	887	895	898	rBV	2520801	2459487	26.84%	2.138%
12	8.069	1012	1017	1023	rBV	1630483	1404239	15.32%	1.221%
13	8.774	1132	1137	1142	rBV2	185779	234098	2.55%	0.204%
14	9.145	1196	1200	1203	rBV	3783275	3216764	35.10%	2.796%
15	9.233	1212	1215	1221	rVB4	114078	148311	1.62%	0.129%
16	9.539	1263	1267	1275	rVB	310716	416088	4.54%	0.362%
17	9.727	1294	1299	1307	rBV2	209353	331488	3.62%	0.288%
18	9.821	1312	1315	1319	rVB	1342451	1187323	12.96%	1.032%
19	9.992	1340	1344	1347	rBV	920926	839677	9.16%	0.730%
20	10.033	1347	1351	1355	rVV2	81378	97601	1.06%	0.085%
21	10.610	1445	1449	1453	rBV	1600405	1447635	15.80%	1.258%
22	10.921	1499	1502	1505	rBV	172612	160156	1.75%	0.139%
23	10.980	1507	1512	1515	rBV3	143107	202232	2.21%	0.176%
24	11.268	1558	1561	1562	rBV3	85417	92846	1.01%	0.081%
25	11.310	1565	1568	1571	rVV	876865	794711	8.67%	0.691%
26	11.433	1585	1589	1592	rBV	397338	384694	4.20%	0.334%
27	11.874	1654	1664	1670	rBV	4429463	6493080	70.85%	5.645%
28	11.927	1670	1673	1676	rVB	427077	365224	3.99%	0.318%
29	11.963	1677	1679	1682	rBV2	412259	338984	3.70%	0.295%
30	12.439	1755	1760	1764	rVB2	1450936	1642546	17.92%	1.428%
31	12.568	1775	1782	1788	rBV3	1220988	2509759	27.39%	2.182%
32	12.621	1788	1791	1793	rBV	2052913	2128099	23.22%	1.850%
33	12.668	1793	1799	1802	rVB	6044886	9164647	100.00%	7.967%
34	12.786	1816	1819	1822	rBV3	250991	255831	2.79%	0.222%

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 Sampling : 1
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 Peak separation: 5

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35	12.839	1826	1828	1830	rVB	258643	201410	2.20%	0.175%
36	12.898	1834	1838	1843	rVB2	2667263	3173631	34.63%	2.759%
37	12.992	1851	1854	1857	rBV	1610816	1393190	15.20%	1.211%
38	13.021	1857	1859	1866	rVB	754621	869274	9.49%	0.756%
39	13.092	1866	1871	1873	rBV	4074544	3827331	41.76%	3.327%
40	13.121	1873	1876	1877	rBV	553342	427261	4.66%	0.371%
41	13.168	1882	1884	1887	rVB3	272436	195315	2.13%	0.170%
42	13.221	1891	1893	1896	rVB	599596	556410	6.07%	0.484%
43	13.286	1899	1904	1906	rBV	4380976	4428656	48.32%	3.850%
44	13.309	1906	1908	1911	rVB	1157182	883129	9.64%	0.768%
45	13.380	1917	1920	1925	rVB2	2065021	2190140	23.90%	1.904%
46	13.445	1928	1931	1933	rBV	427489	373501	4.08%	0.325%
47	13.498	1933	1940	1943	rVV2	2980177	4400278	48.01%	3.825%
48	13.527	1943	1945	1948	rVB	517282	389670	4.25%	0.339%
49	13.598	1953	1957	1960	rVV	2670501	2414684	26.35%	2.099%
50	13.639	1961	1964	1967	rVV	1360310	1136086	12.40%	0.988%
51	13.704	1972	1975	1977	rBV	369974	350425	3.82%	0.305%
52	13.727	1977	1979	1984	rVB4	307683	282383	3.08%	0.245%
53	13.780	1985	1988	1990	rBV	2102998	2130995	23.25%	1.853%
54	13.809	1990	1993	1999	rVB2	2335334	4052607	44.22%	3.523%
55	13.857	1999	2001	2004	rBV	552395	467949	5.11%	0.407%
56	13.933	2012	2014	2016	rBV2	324173	304792	3.33%	0.265%
57	13.957	2016	2018	2020	rVB	843626	629542	6.87%	0.547%
58	13.998	2020	2025	2028	rBV	4055000	4195675	45.78%	3.647%
59	14.027	2028	2030	2033	rVB3	303987	261376	2.85%	0.227%
60	14.127	2044	2047	2048	rBV	337345	352820	3.85%	0.307%
61	14.145	2048	2050	2051	rVV	403623	349037	3.81%	0.303%
62	14.209	2057	2061	2065	rBV	1990090	2091975	22.83%	1.819%
63	14.251	2065	2068	2073	rVB3	1093202	1030324	11.24%	0.896%
64	14.298	2073	2076	2078	rBV	1169934	976113	10.65%	0.849%
65	14.439	2095	2100	2106	rBV2	3326621	5822266	63.53%	5.062%
66	14.521	2111	2114	2116	rVV2	397351	337696	3.68%	0.294%
67	14.609	2127	2129	2132	rVB	381092	290035	3.16%	0.252%
68	14.662	2136	2138	2142	rVB	982653	910651	9.94%	0.792%
69	14.756	2152	2154	2158	rVB	814907	828598	9.04%	0.720%
70	14.868	2171	2173	2176	rVB	527846	495195	5.40%	0.430%
71	15.062	2202	2206	2209	rBV	1614019	1969015	21.48%	1.712%

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Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
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72	15.092	2209	2211	2216	rVB	1273604	1426462	15.56%	1.240%
73	15.398	2260	2263	2266	rBV	481177	571863	6.24%	0.497%
74	15.627	2298	2302	2309	rVB2	519543	761384	8.31%	0.662%
75	15.856	2337	2341	2345	rVB	616630	867257	9.46%	0.754%
76	15.909	2346	2350	2356	rVV	421756	645798	7.05%	0.561%
77	16.621	2467	2471	2481	rVB	660479	1185234	12.93%	1.030%
78	17.092	2546	2551	2557	rBV	296694	563736	6.15%	0.490%

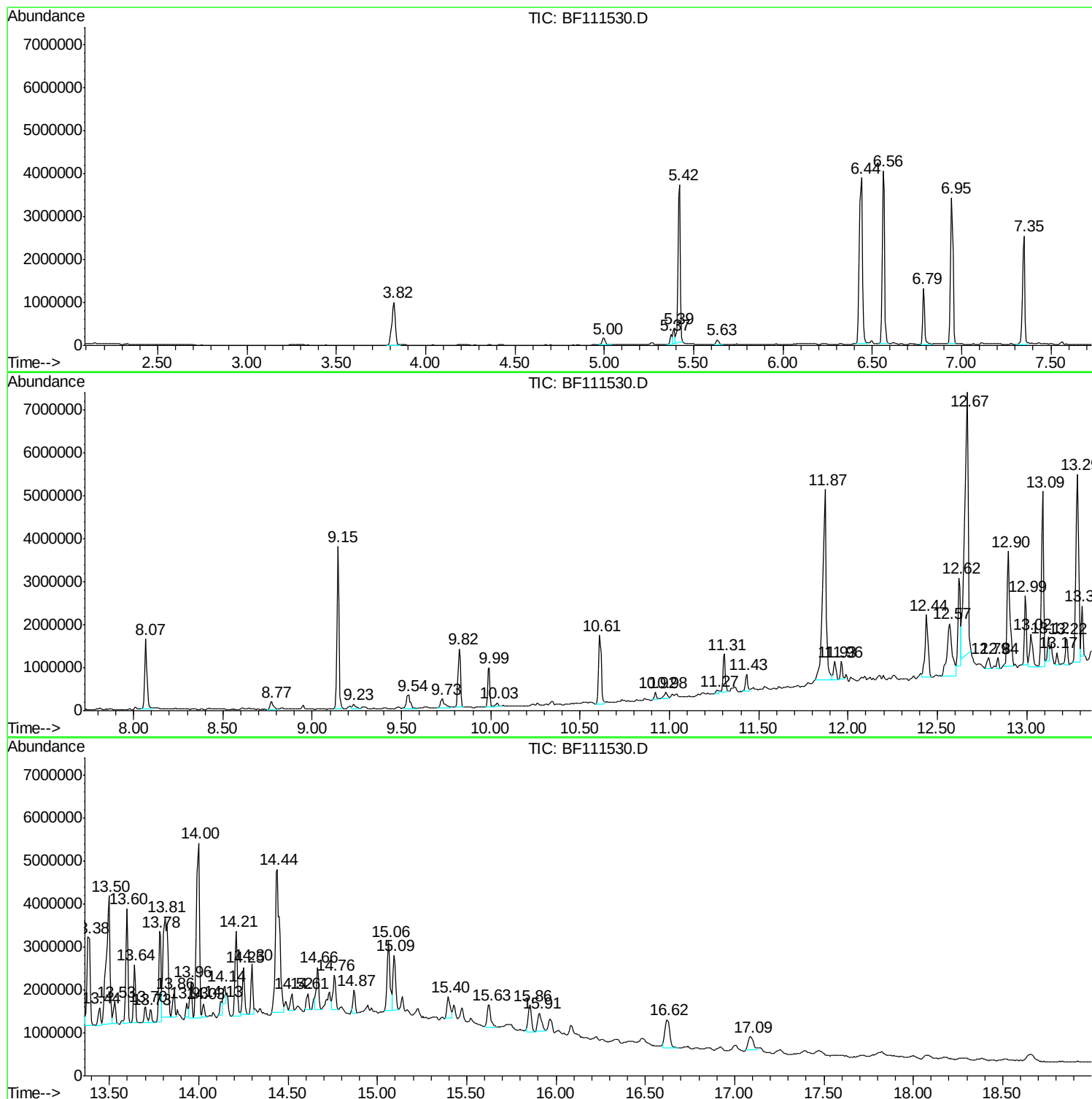
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Instrument :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
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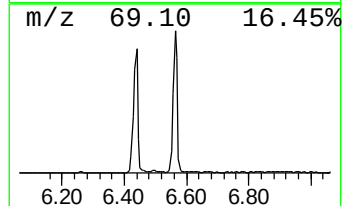
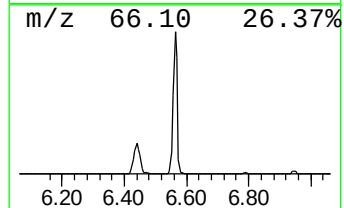
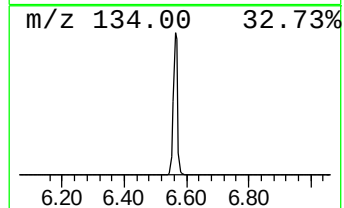
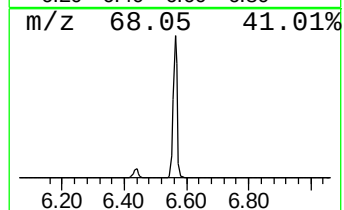
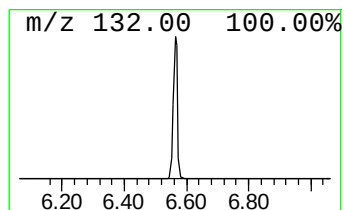
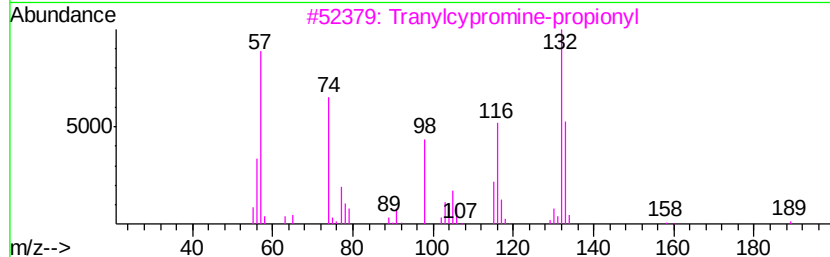
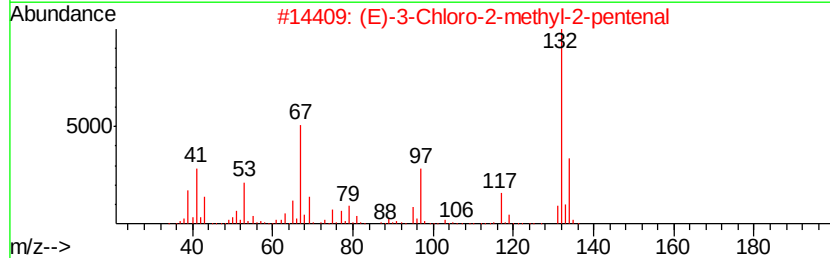
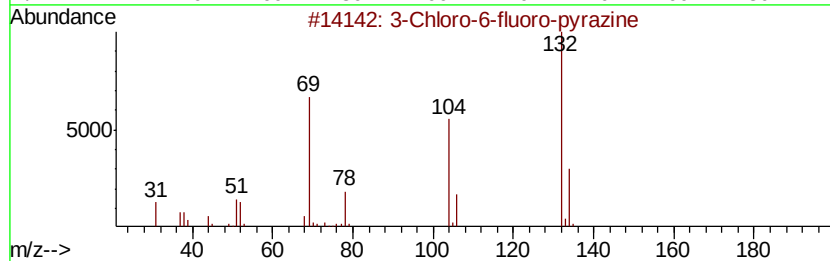
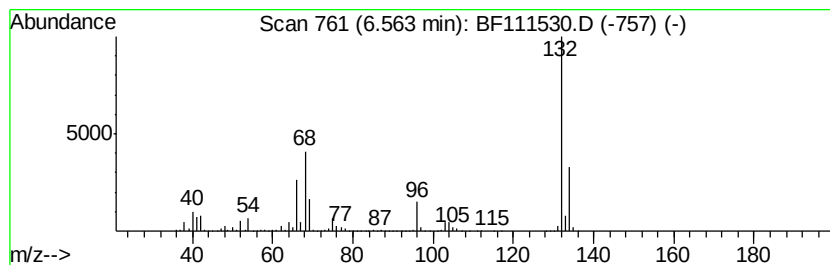
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown6.56 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.56	71.33 ng	3875730	1,4-Dichlorobenzene-d4	6.79

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	16
3		Tranvlcypropine-propionyl	189	C12H15NO	1000123-86-3	10
4		Amphetaminil	250	C17H18N2	017590-01-1	10
5		1,3,5-Trifluorobenzene	132	C6H3F3	000372-38-3	9



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ALS Vial : 4 Sample Multiplier: 1

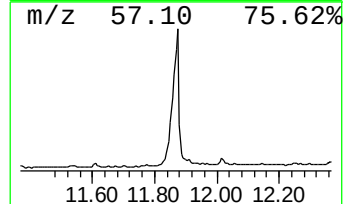
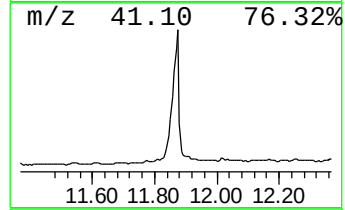
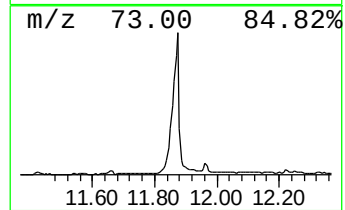
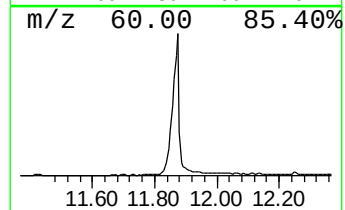
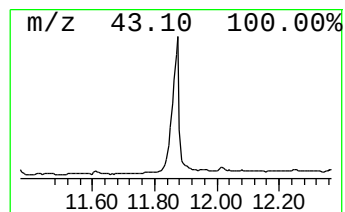
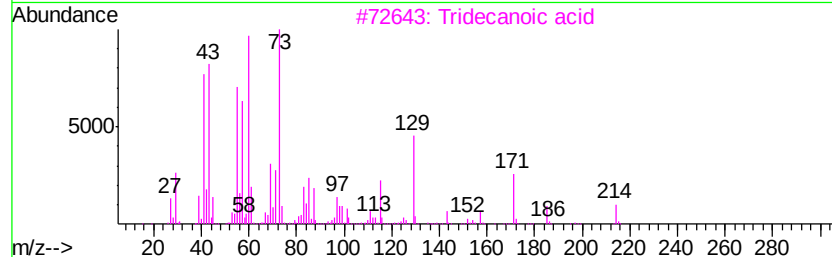
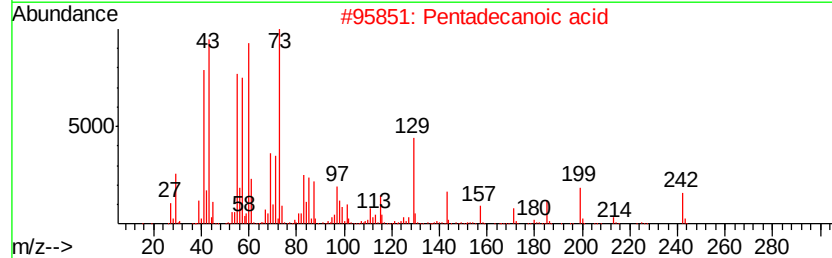
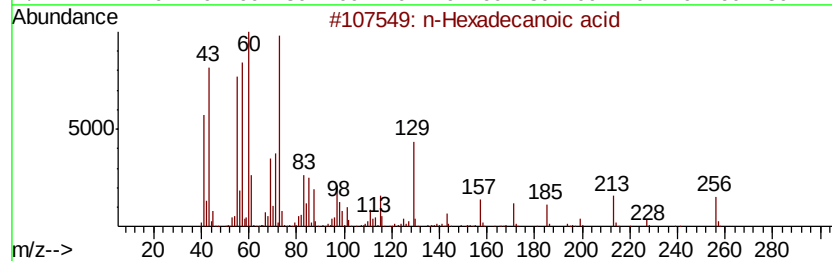
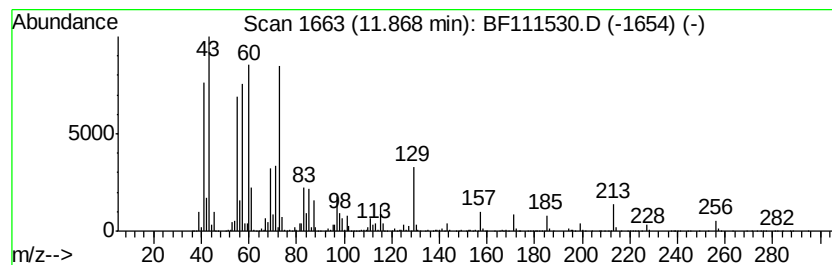
Instrument :
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.87	163.41 ng	6493080	Phenanthrene-d10	11.31	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	90
3	Tridecanoic acid	214	C13H26O2	000638-53-9	90
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	86
5	n-Decanoic acid	172	C10H20O2	000334-48-5	53



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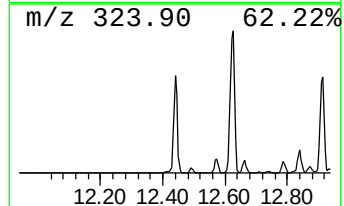
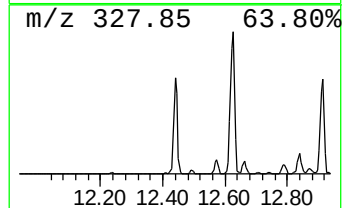
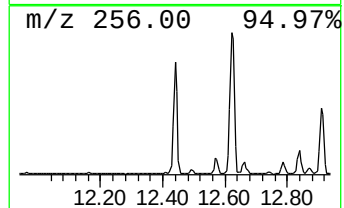
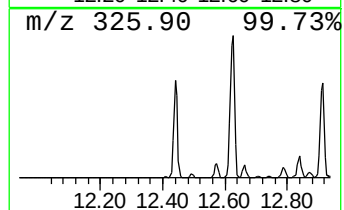
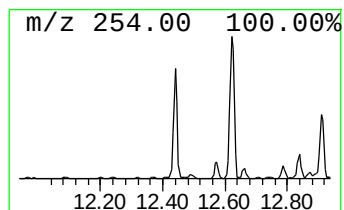
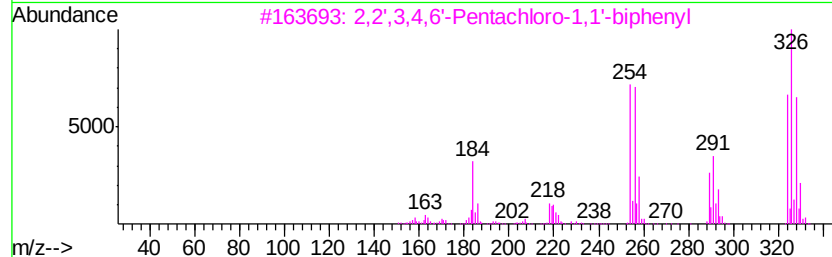
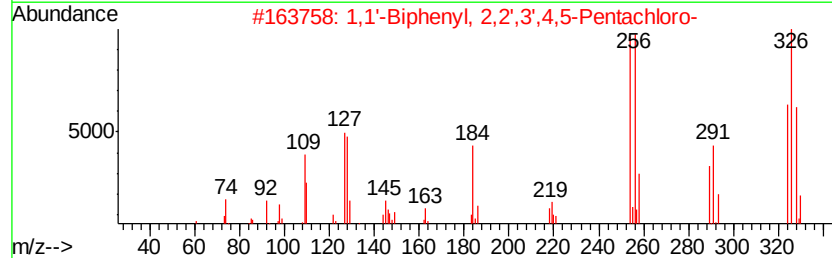
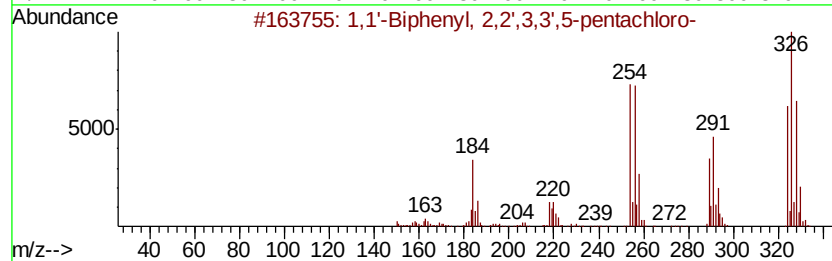
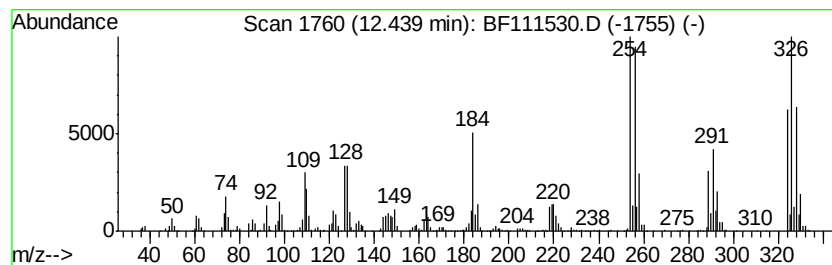
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 1,1'-Biphenyl, 2,2',3,3',5-... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.44	41.34 ng	1642550	Phenanthrene-d10	11.31

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,1'-Biphenyl, 2,2',3,3',5-penta...	324	C12H5Cl5	060145-20-2	99
2		1,1'-Biphenyl, 2,2',3',4,5-Penta...	324	C12H5Cl5	041464-51-1	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',6-penta...	324	C12H5Cl5	052663-60-2	99
5		1,1'-Biphenyl, 2,2',3,4,6-Pentac...	324	C12H5Cl5	055215-17-3	99



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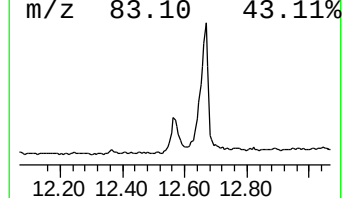
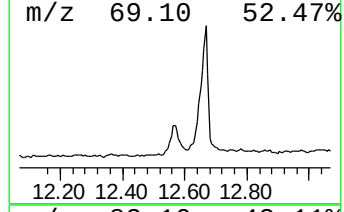
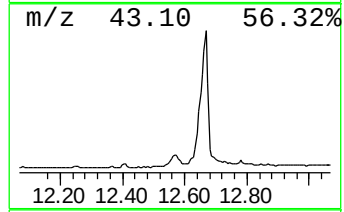
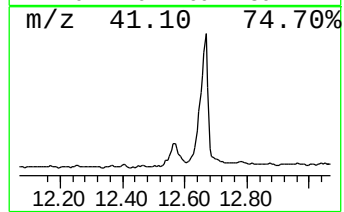
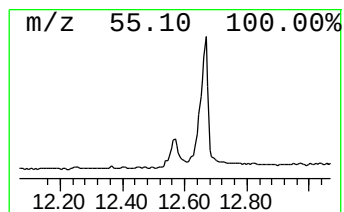
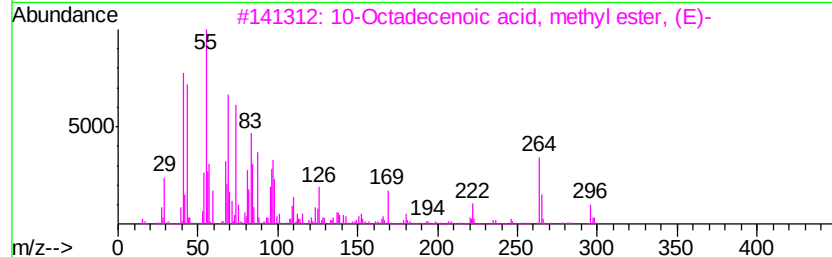
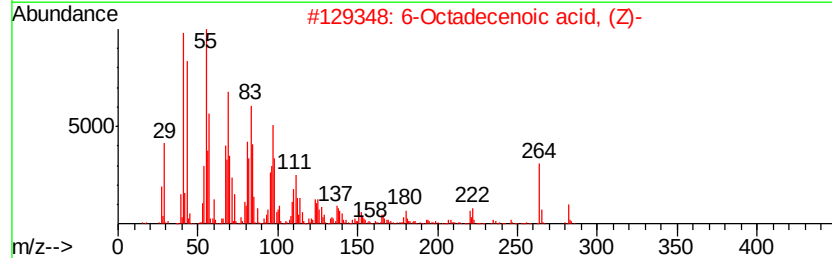
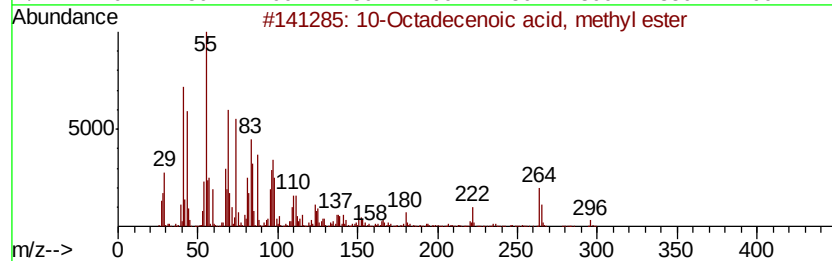
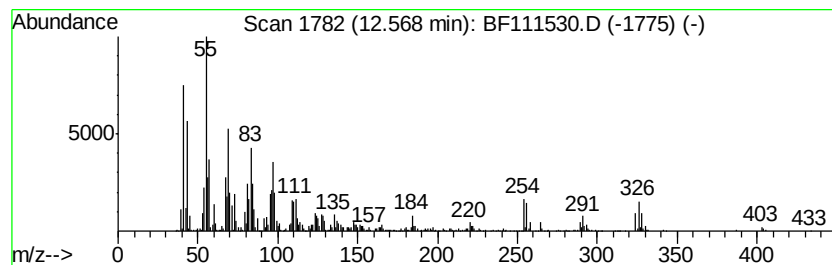
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 10-Octadecenoic acid, methyl ester Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.57	63.16 ng	2509760	Phenanthrene-d10	11.31

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		10-Octadecenoic acid, methyl ester	296	C19H36O2	013481-95-3	64
2		6-Octadecenoic acid, (Z)-	282	C18H34O2	000593-39-5	59
3		10-Octadecenoic acid, methyl ester...	296	C19H36O2	013038-45-4	59
4		15-Octadecenoic acid, methyl ester	296	C19H36O2	004764-72-1	58
5		Oleic Acid	282	C18H34O2	000112-80-1	58



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121718\
Data File : BF111530.D
Acq On : 17 Dec 2018 10:57
Operator : JU/SJ
Sample : J6386-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

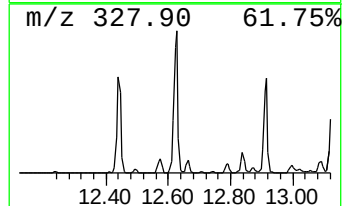
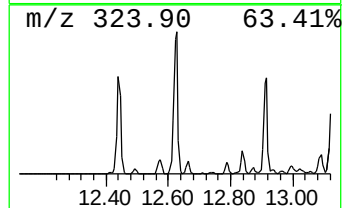
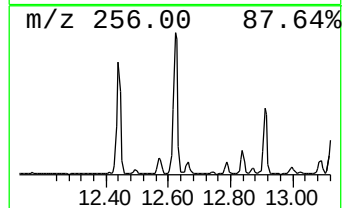
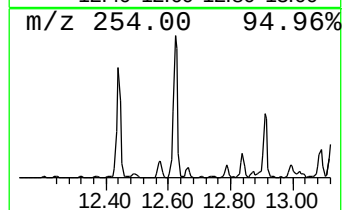
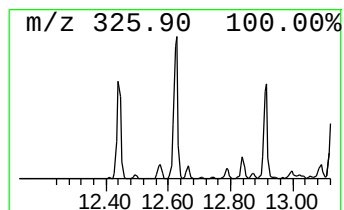
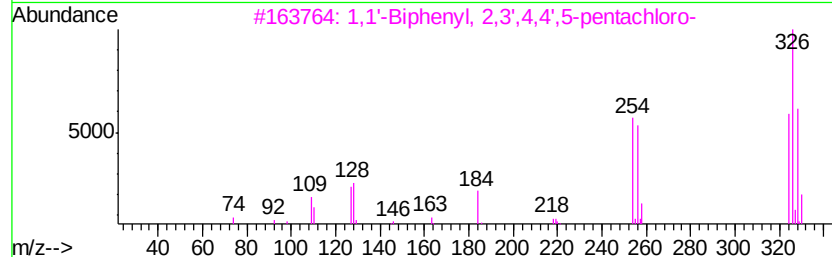
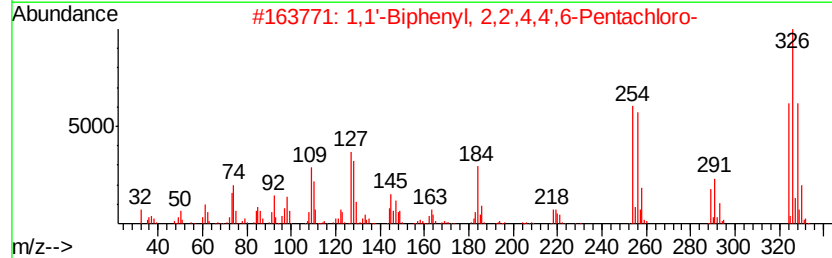
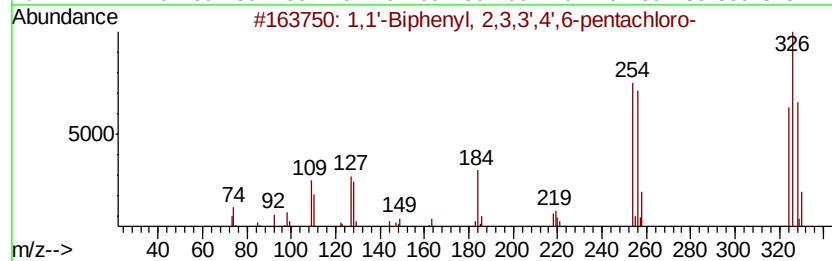
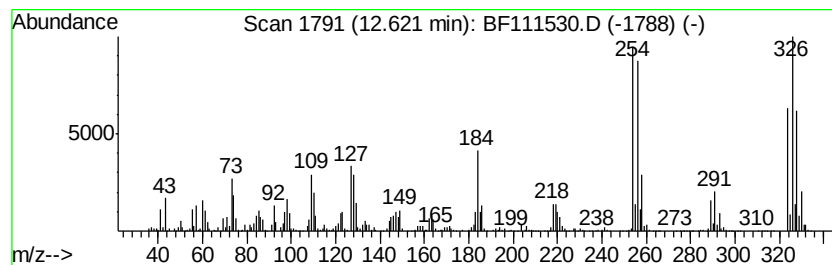
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 1,1'-Biphenyl, 2,3,3',4',6-... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.		
12.62	53.56 ng	2128100	Phenanthrene-d10	11.31		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl,	2,3,3',4',6-penta...	324	C12H5Cl5	038380-03-9	99
2	1,1'-Biphenyl,	2,2',4,4',6-Penta...	324	C12H5Cl5	039485-83-1	99
3	1,1'-Biphenyl,	2,3',4,4',5-penta...	324	C12H5Cl5	031508-00-6	99
4	1,1'-Biphenyl,	2,2',4,6,6'-Penta...	324	C12H5Cl5	056558-16-8	99
5	1,1'-Biphenyl,	2,2',4,4',5-penta...	324	C12H5Cl5	038380-01-7	99



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121718\
Data File : BF111530.D
Acq On : 17 Dec 2018 10:57
Operator : JU/SJ
Sample : J6386-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

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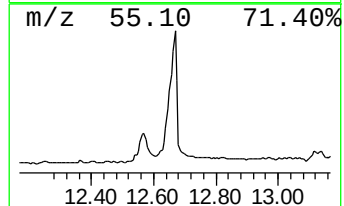
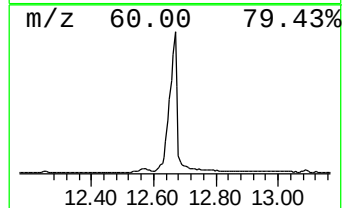
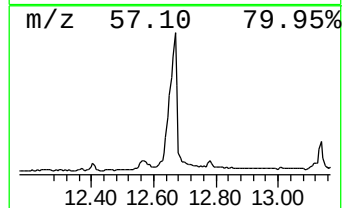
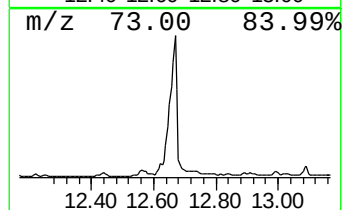
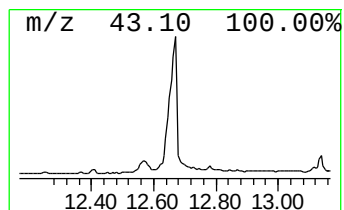
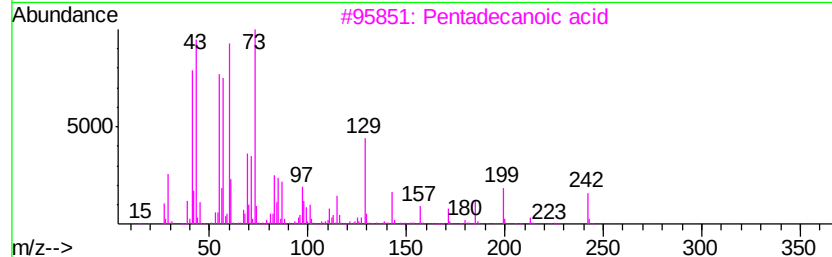
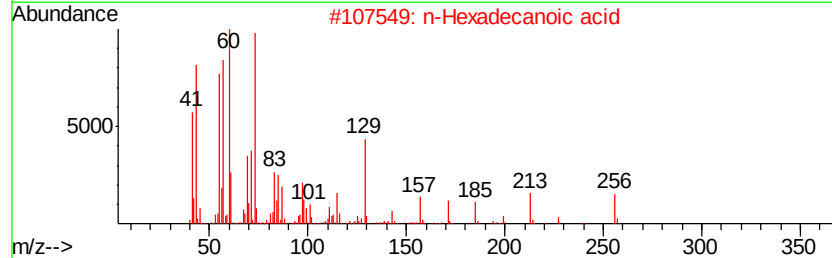
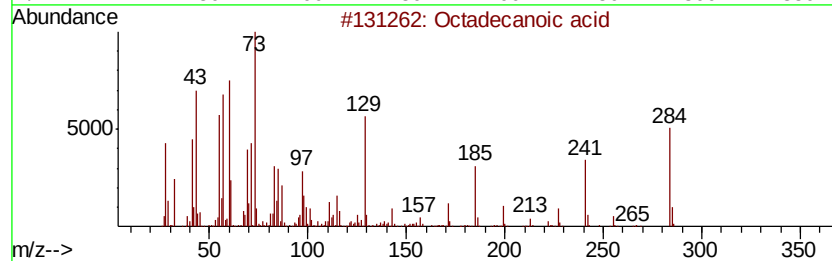
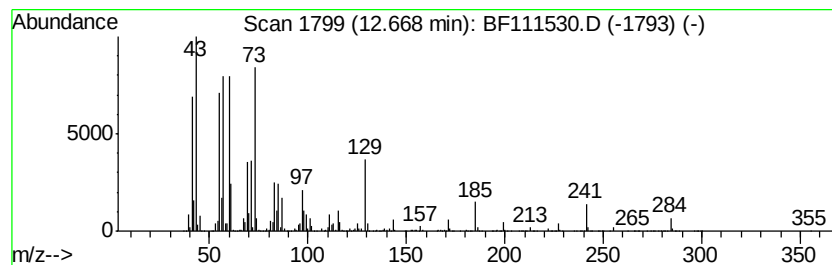
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Octadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.67	291.15 ng	9164650	Chrysene-d12	13.96

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	90
3		Pentadecanoic acid	242	C15H30O2	001002-84-2	90
4		Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	87
5		Tridecanoic acid	214	C13H26O2	000638-53-9	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121718\
Data File : BF111530.D
Acq On : 17 Dec 2018 10:57
Operator : JU/SJ
Sample : J6386-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

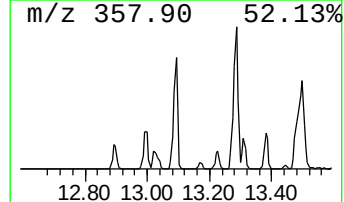
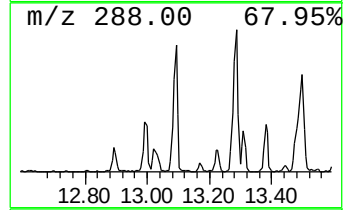
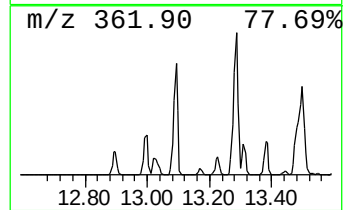
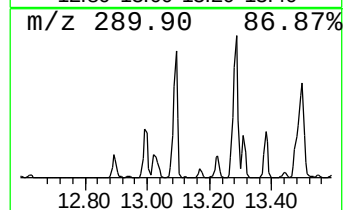
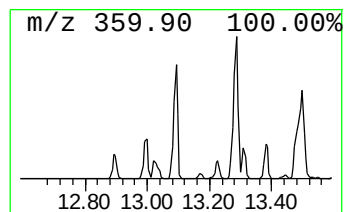
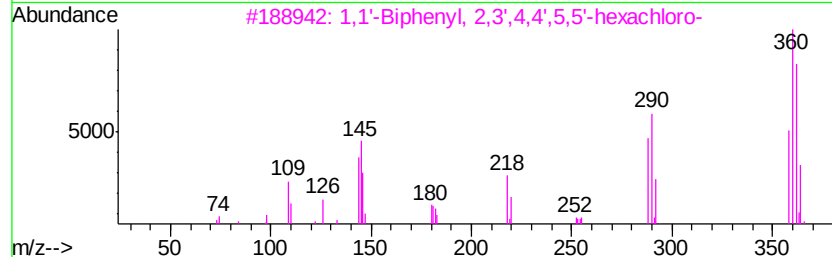
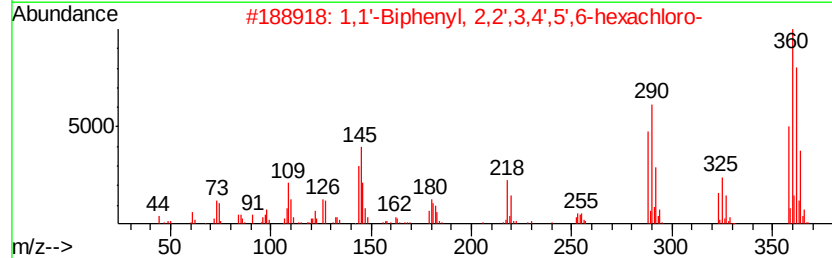
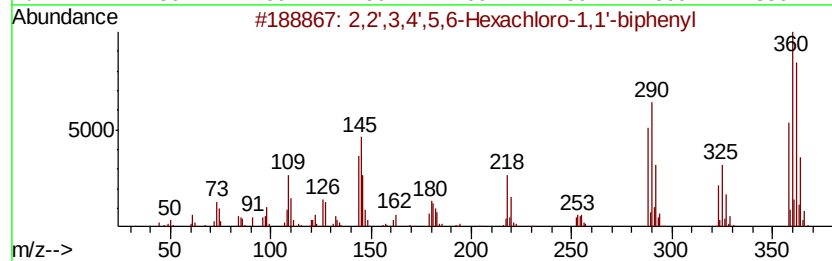
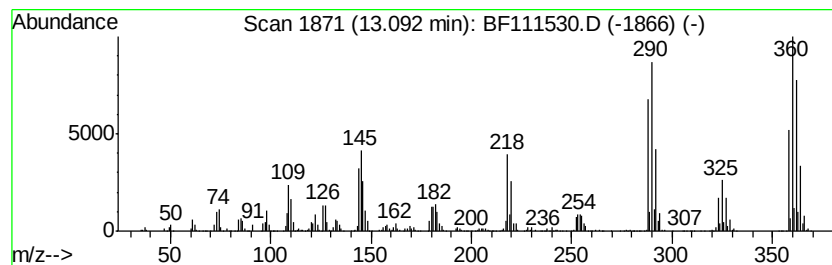
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 2,2',3,4',5,6-Hexachloro-1,... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.09	121.59 ng	3827330	Chrysene-d12	13.96	
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	1,1'-Biphenyl, 2,2',3,4',5',6-he...	358	C12H4Cl6	038380-04-0	99
3	1,1'-Biphenyl, 2,3',4,4',5,5'-he...	358	C12H4Cl6	052663-72-6	99
4	1,1'-Biphenyl, 2,3,3',4,4',5'-he...	358	C12H4Cl6	069782-90-7	99
5	2,2',3,4,4',6'-Hexachloro-1,1'-b...	358	C12H4Cl6	059291-64-4	99



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121718\
Data File : BF111530.D
Acq On : 17 Dec 2018 10:57
Operator : JU/SJ
Sample : J6386-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

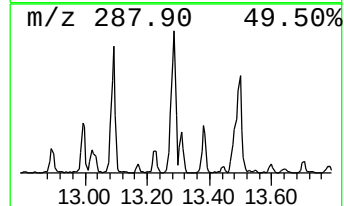
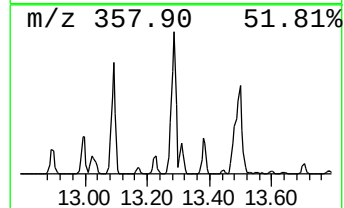
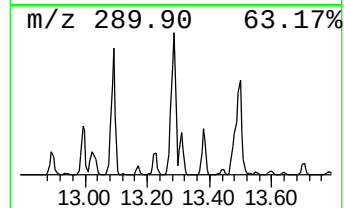
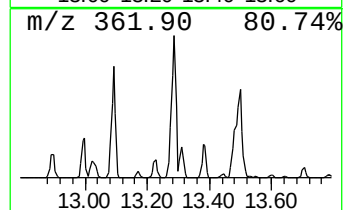
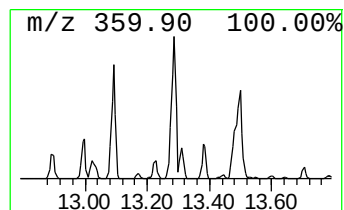
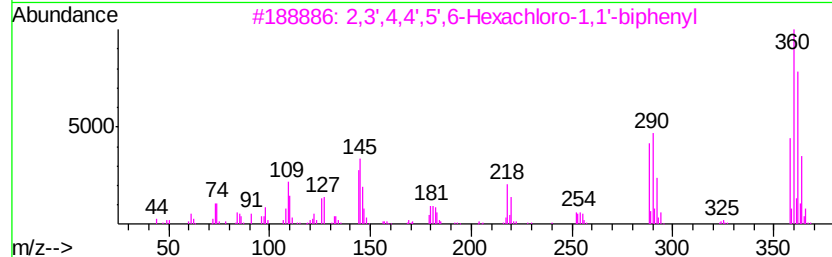
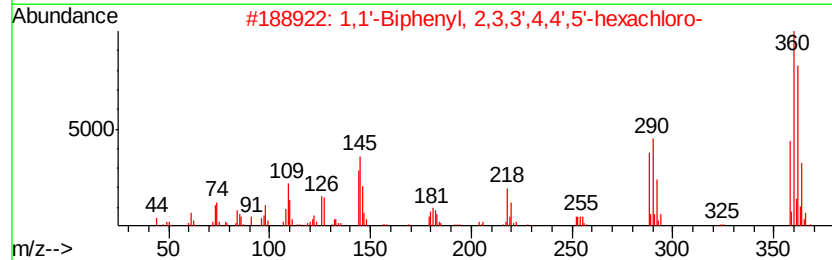
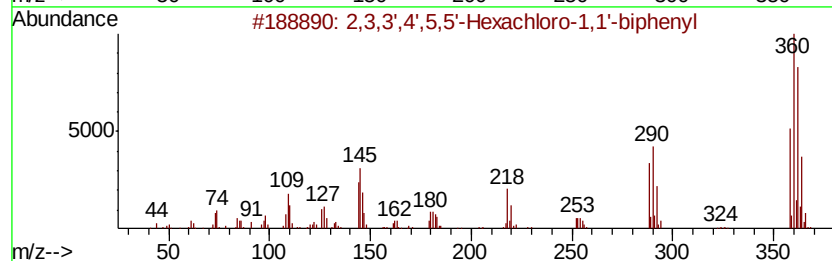
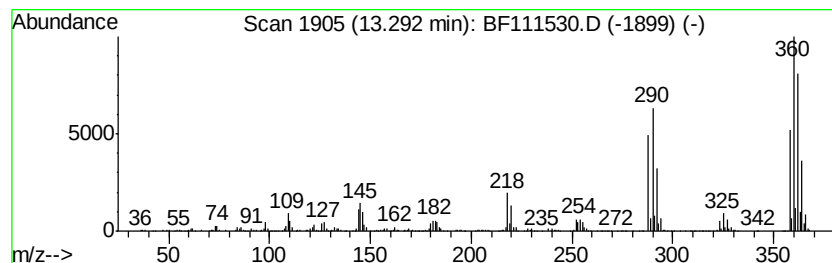
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.		
13.29	140.70 ng	4428660	Chrysene-d12	13.96		
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	1,1'-Biphenyl, 2,3,3',4,4',5'-he...	358	C12H4Cl6	069782-90-7	99	
3	2,3',4,4',5',6-Hexachloro-1,1'-b...	358	C12H4Cl6	059291-65-5	99	
4	2,3,3',4',5',6-Hexachloro-1,1'-b...	358	C12H4Cl6	074472-45-0	99	
5	2,3,3',5,5',6-Hexachloro-1,1'-bi...	358	C12H4Cl6	074472-46-1	99	



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121718\
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Acq On : 17 Dec 2018 10:57
Operator : JU/SJ
Sample : J6386-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

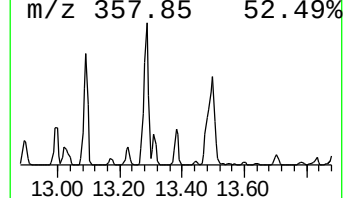
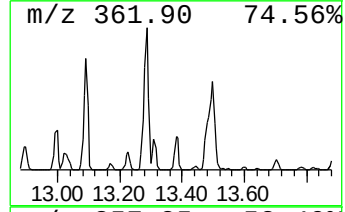
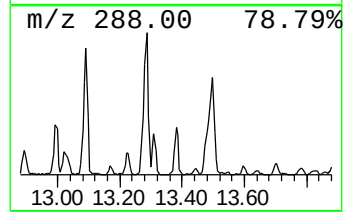
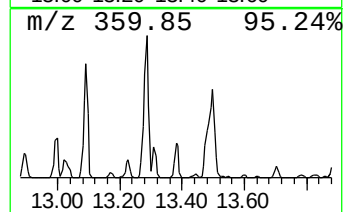
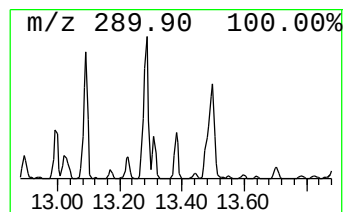
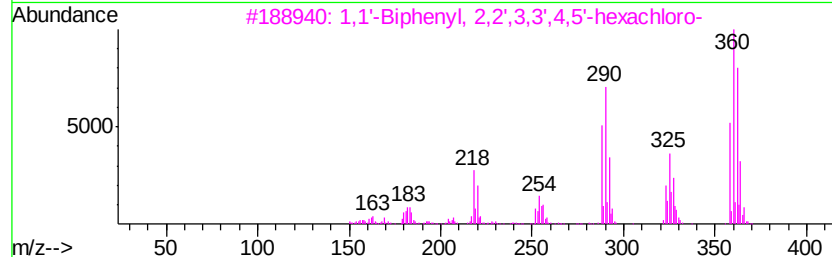
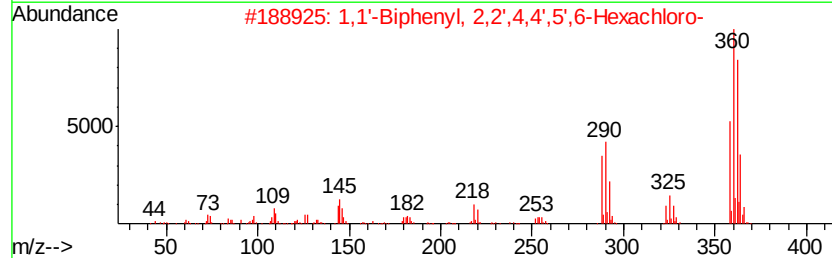
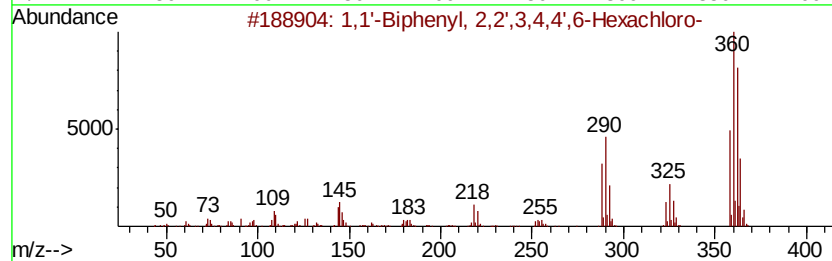
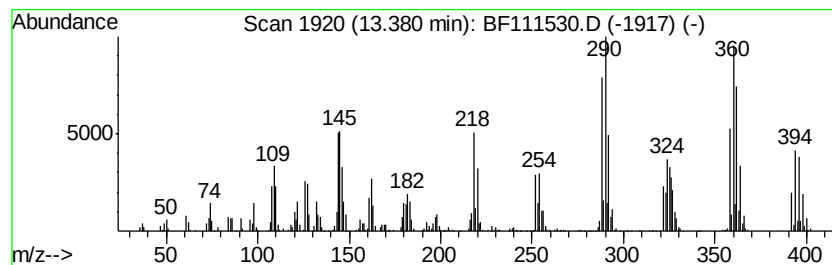
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 1,1'-Biphenyl, 2,2',3,4,4',... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.38	69.58 ng	2190140	Chrysene-d12	13.96	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',3,4,4',6-Hex...	358	C12H4Cl6	056030-56-9	99
2	1,1'-Biphenyl, 2,2',4,4',5',6-He...	358	C12H4Cl6	060145-22-4	99
3	1,1'-Biphenyl, 2,2',3,3',4,5'-he...	358	C12H4Cl6	052663-66-8	99
4	1,1'-Biphenyl, 2,2',3,4,4',5'-he...	358	C12H4Cl6	035065-28-2	99
5	1,1'-Biphenyl, 2,2',4,4',5,5'-he...	358	C12H4Cl6	035065-27-1	99



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121718\
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Misc :
ALS Vial : 4 Sample Multiplier: 1

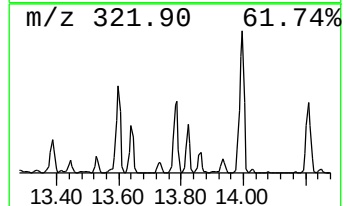
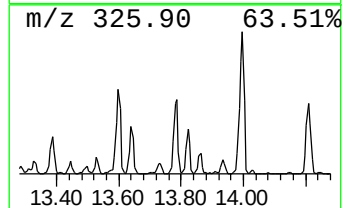
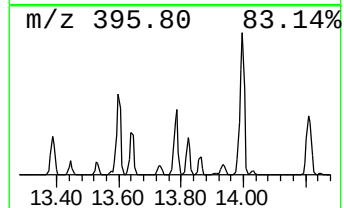
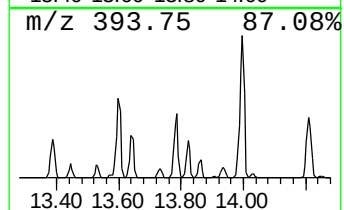
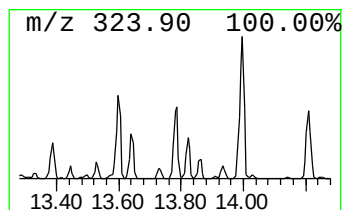
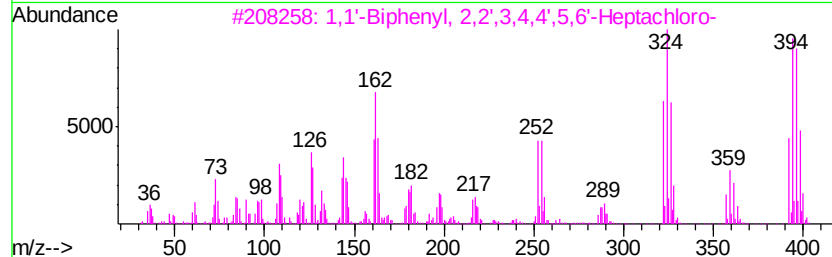
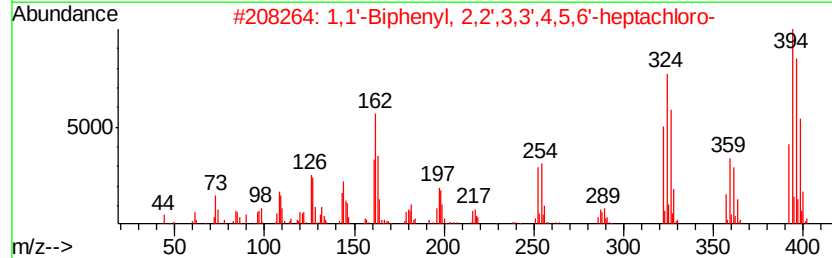
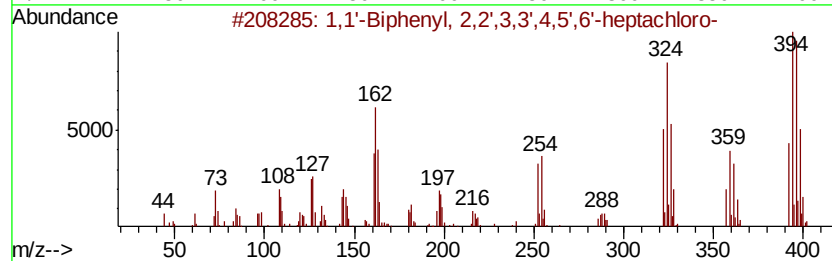
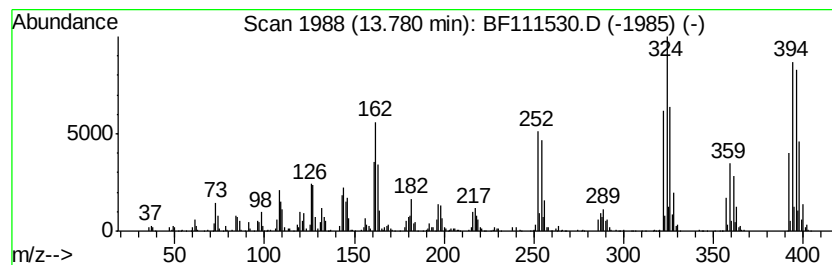
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 1,1'-Biphenyl, 2,2',3,3',4,... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.		
13.78	67.70 ng	2131000	Chrysene-d12	13.96		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',3,3',4,5',6'...	392	C12H3Cl7	052663-70-4	99	
2	1,1'-Biphenyl, 2,2',3,3',4,5,6'-...	392	C12H3Cl7	038411-25-5	99	
3	1,1'-Biphenyl, 2,2',3,4,4',5,6'-...	392	C12H3Cl7	060145-23-5	99	
4	1,1'-Biphenyl, 2,3,3',4,4',5,5'-...	392	C12H3Cl7	039635-31-9	99	
5	2,2',3,3',4,5,6-Heptachloro-1,1'...	392	C12H3Cl7	068194-16-1	99	



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Acq On : 17 Dec 2018 10:57
Operator : JU/SJ
Sample : J6386-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
P001-SS015-0612-02

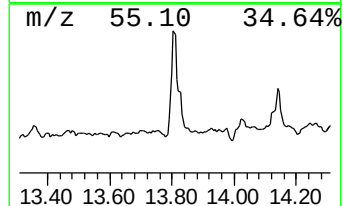
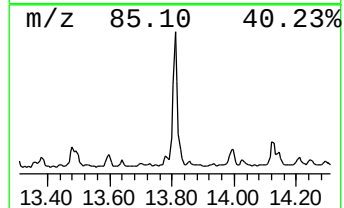
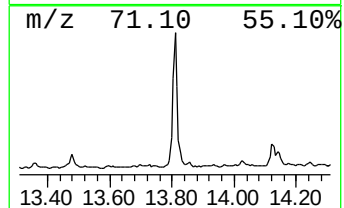
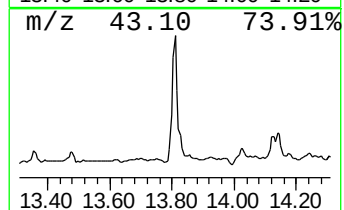
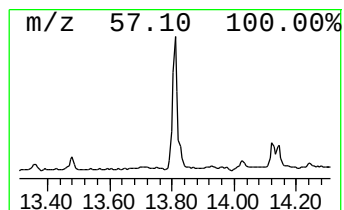
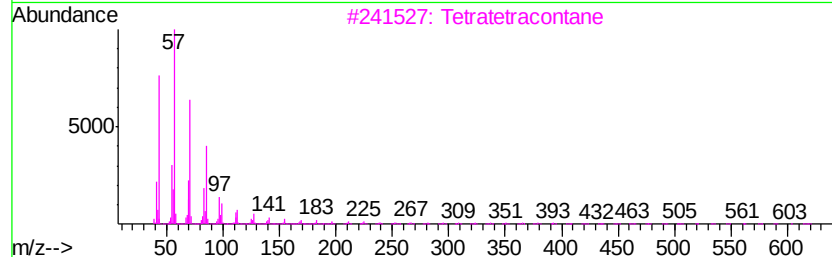
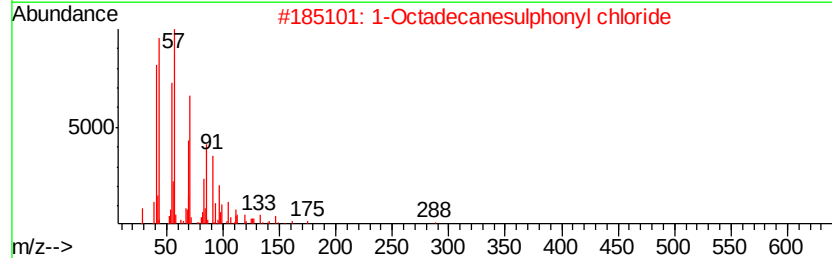
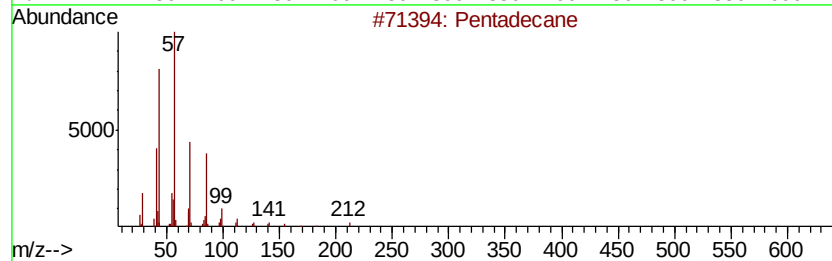
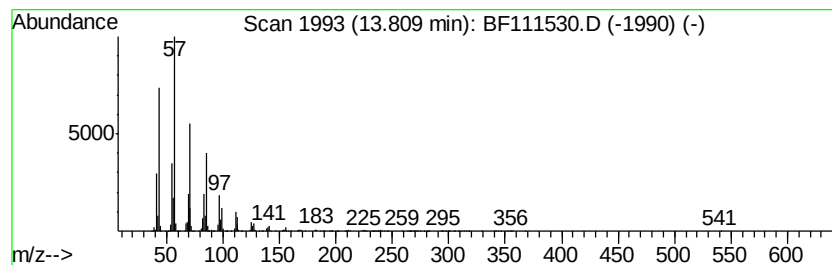
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Pentadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.81	128.75 ng	4052610	Chrysene-d12	13.96

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentadecane	212	C15H32	000629-62-9	93
2		1-Octadecanesulphonyl chloride	352	C18H37ClO2S	1000342-70-4	91
3		Tetratetracontane	619	C44H90	007098-22-8	91
4		Octadecane, 1-chloro-	288	C18H37Cl	003386-33-2	91
5		Sulfurous acid, 2-propyl tridecy...	306	C16H34O3S	1000309-12-4	91



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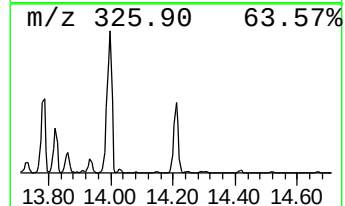
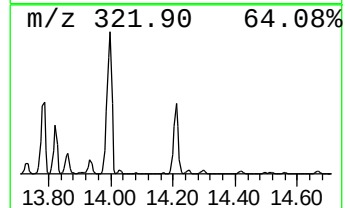
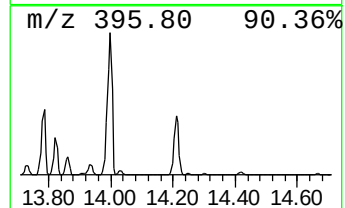
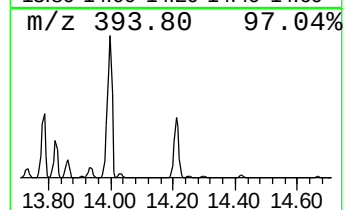
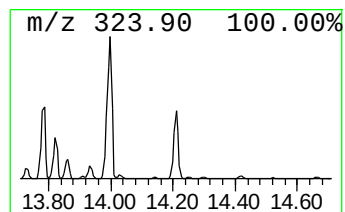
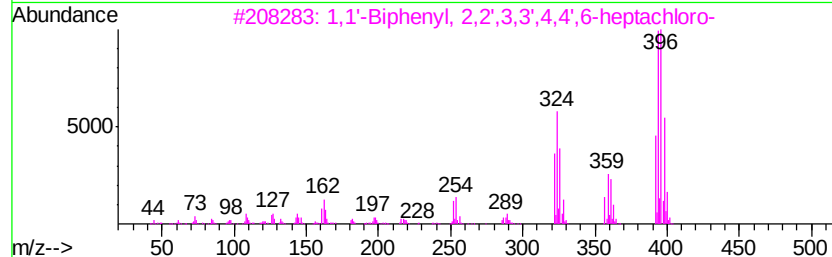
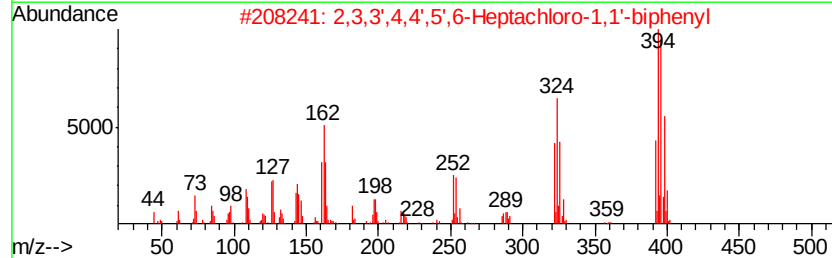
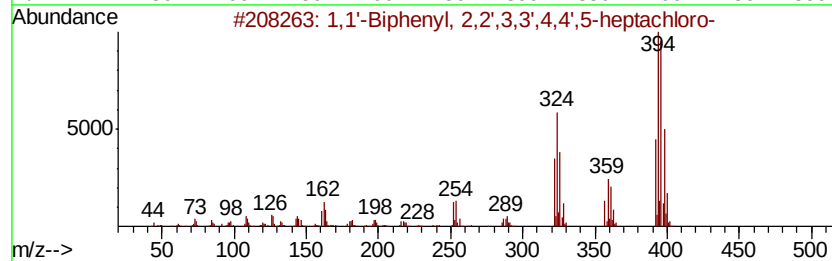
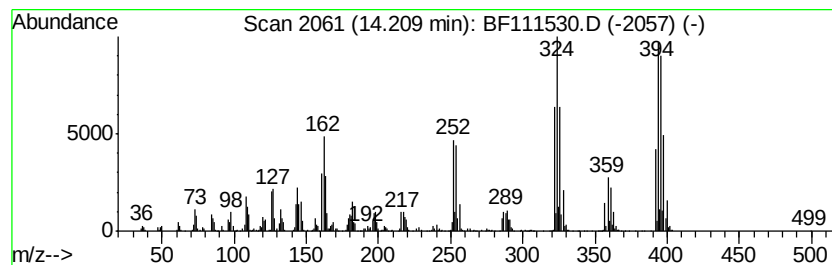
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 1,1'-Biphenyl, 2,2',3,3',4,... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.21	66.46 ng	2091980	Chrysene-d12	13.96

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,1'-Biphenyl, 2,2',3,3',4,4',5-...	392	C12H3Cl7	035065-30-6	99
2		2,3,3',4,4',5',6-Heptachloro-1,1...	392	C12H3Cl7	074472-50-7	99
3		1,1'-Biphenyl, 2,2',3,3',4,4',6-...	392	C12H3Cl7	052663-71-5	99
4		1,1'-Biphenyl, 2,2',3,4',5,5',6-...	392	C12H3Cl7	052663-68-0	99
5		1,1'-Biphenyl, 2,3,3',4,4',5,5'-...	392	C12H3Cl7	039635-31-9	99



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121718\
Data File : BF111530.D
Acq On : 17 Dec 2018 10:57
Operator : JU/SJ
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ALS Vial : 4 Sample Multiplier: 1

Instrument :
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ClientSampleId :
P001-SS015-0612-02

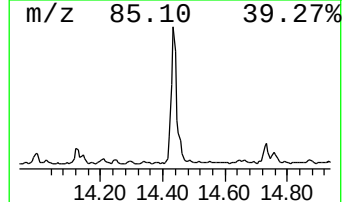
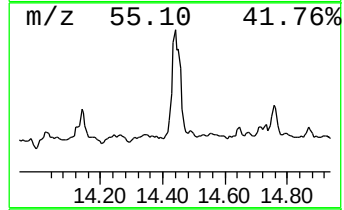
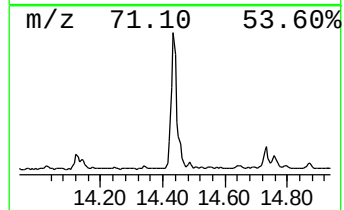
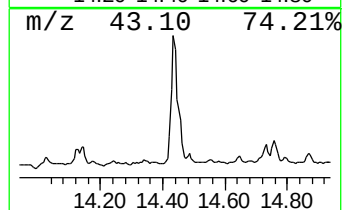
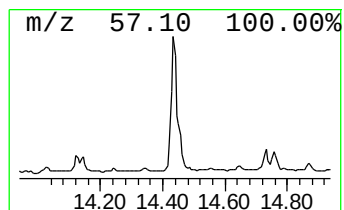
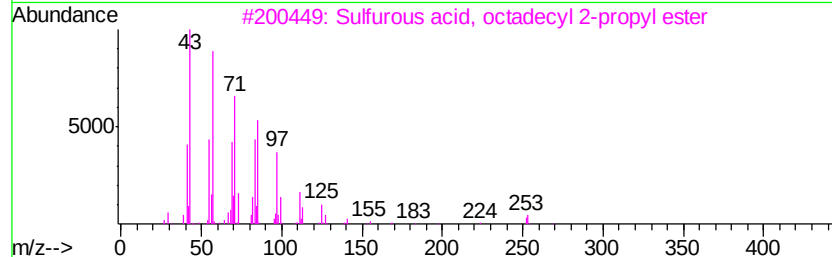
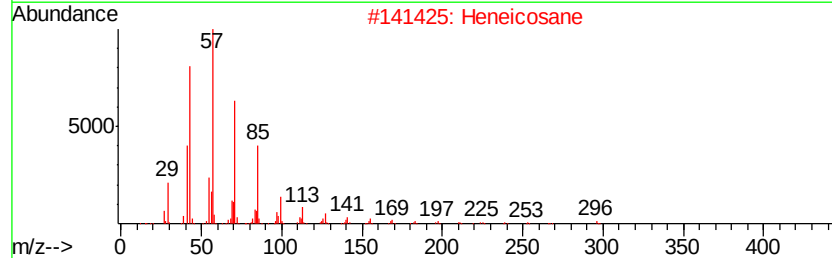
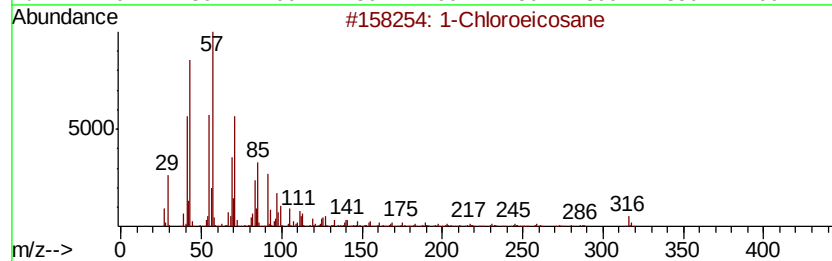
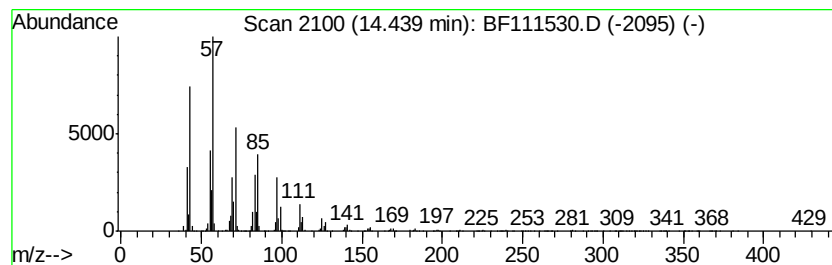
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 1-Chloroeicosane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.44	184.97 ng	5822270	Chrysene-d12	13.96

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Chloroeicosane	316	C20H41Cl	042217-02-7	93
2		Heneicosane	296	C21H44	000629-94-7	92
3		Sulfurous acid, octadecyl 2-prop...	376	C21H44O3S	1000309-12-7	90
4		Nonadecane	268	C19H40	000629-92-5	68
5		Octadecane	254	C18H38	000593-45-3	62



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121718\
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Operator : JU/SJ
Sample : J6386-02
Misc :
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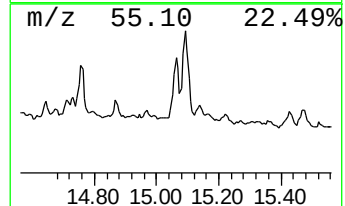
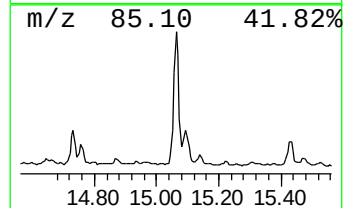
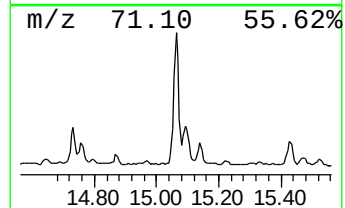
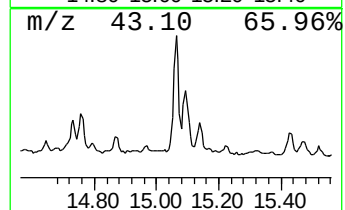
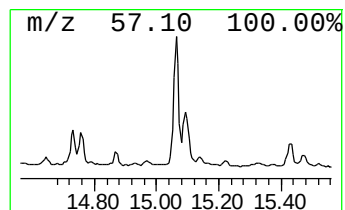
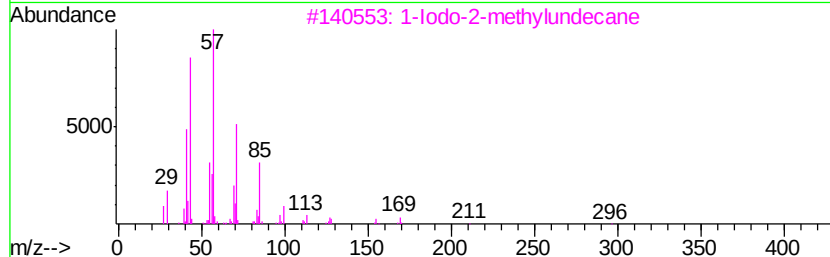
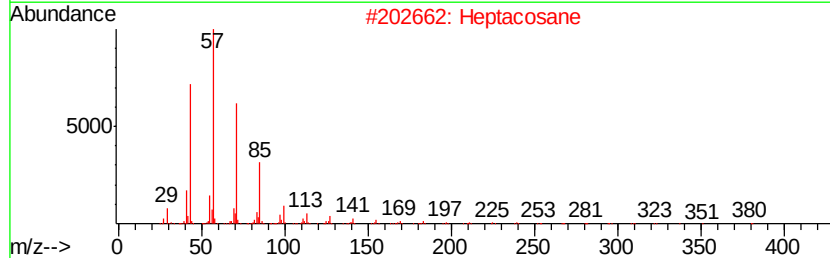
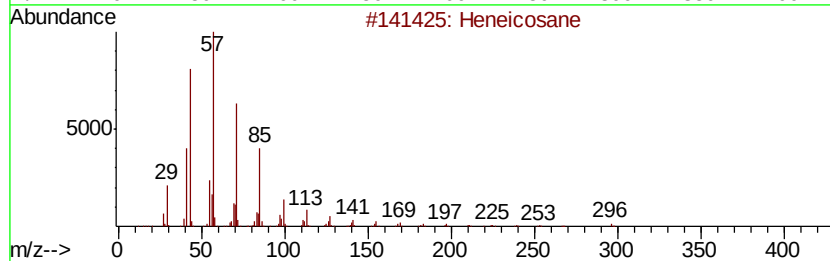
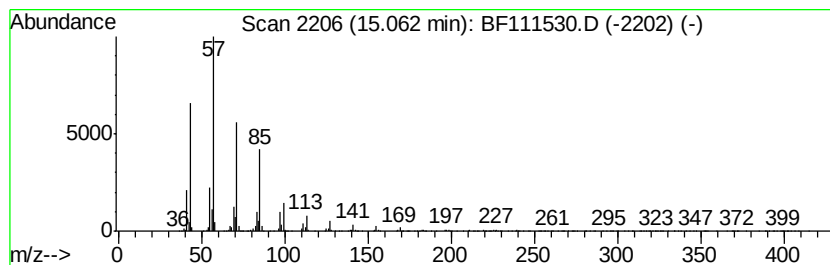
Instrument :
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Heneicosane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.06	68.86 ng	1969020	Perylene-d12	15.40
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Heneicosane	296 C21H44	000629-94-7	95
2	Heptacosane	380 C27H56	000593-49-7	91
3	1-Iodo-2-methylundecane	296 C12H25I	073105-67-6	91
4	Eicosane, 10-methyl-	296 C21H44	054833-23-7	91
5	Heptadecane, 9-octyl-	352 C25H52	007225-64-1	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121718\
Data File : BF111530.D
Acq On : 17 Dec 2018 10:57
Operator : JU/SJ
Sample : J6386-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
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ClientSampleId :
P001-SS015-0612-02

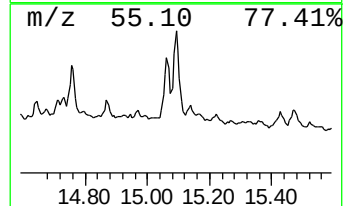
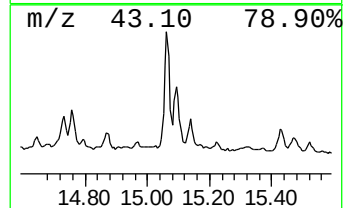
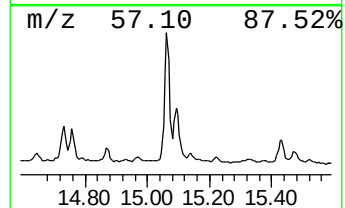
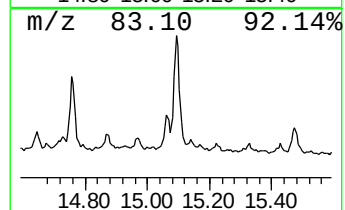
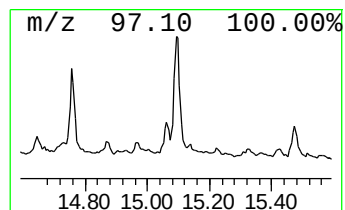
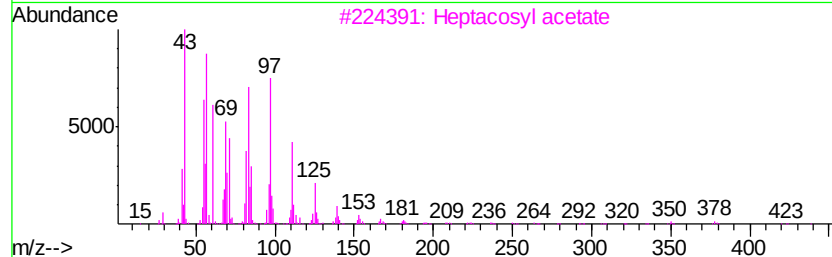
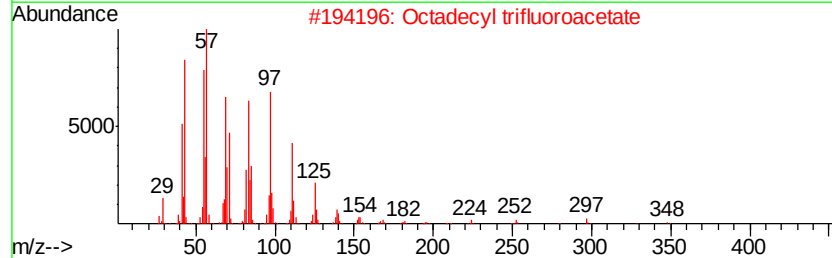
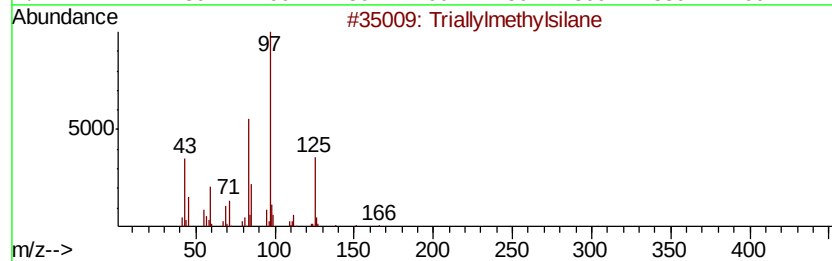
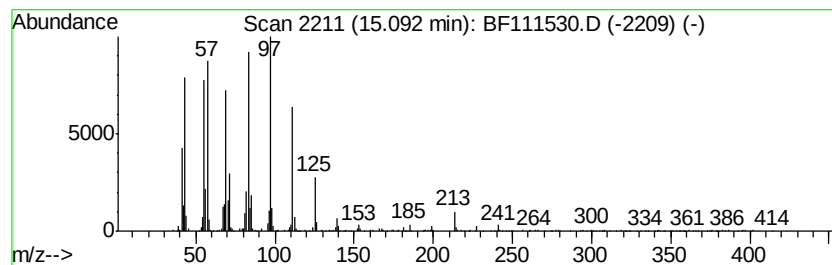
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 unknown15.09 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.09	49.89 ng	1426460	Perylene-d12	15.40

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Triallylmethylsilane	166	C10H18Si	001112-91-0	46
2		Octadecyl trifluoroacetate	366	C20H37F3O2	079392-43-1	41
3		Heptacosyl acetate	438	C29H58O2	1000351-78-2	41
4		Pentafluoropropionic acid, hepta...	402	C20H35F5O2	959218-78-1	38
5		2-Aziridinone, 1-tert-butyl-3-(1...	223	C14H25NO	026944-18-3	38



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121718\
Data File : BF111530.D
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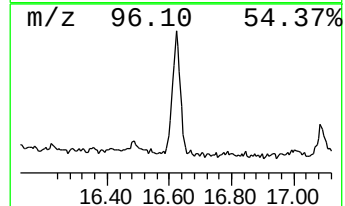
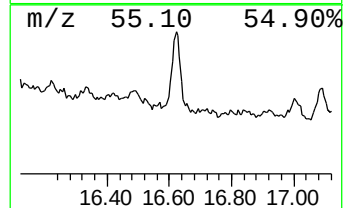
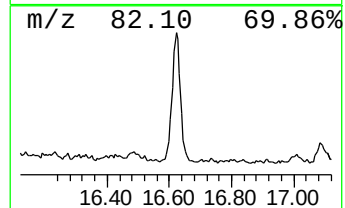
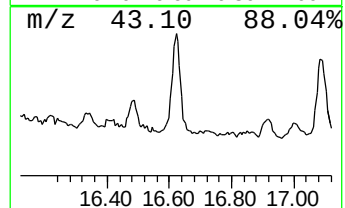
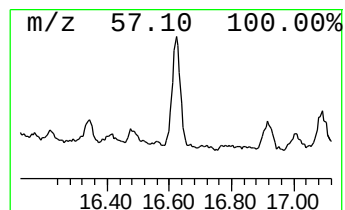
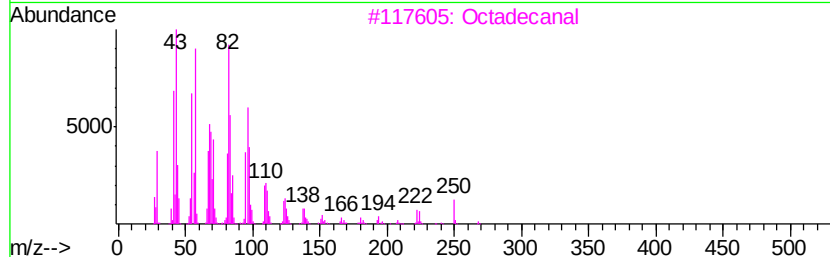
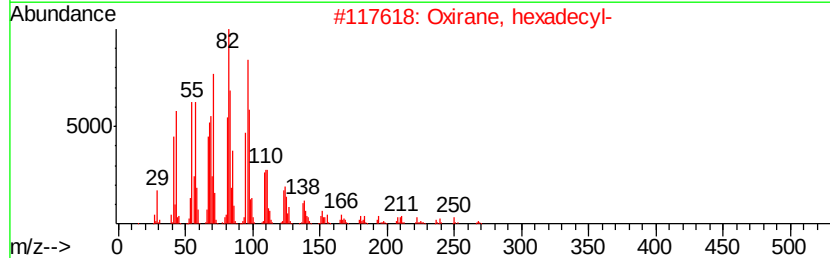
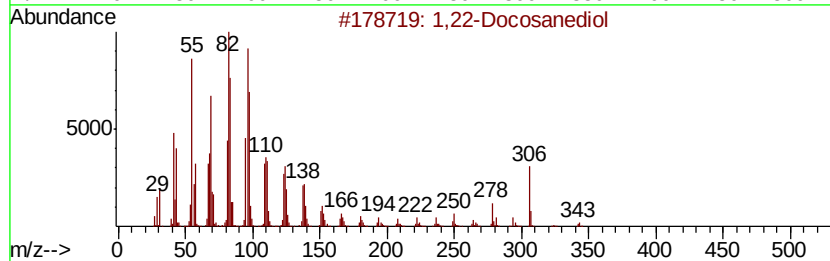
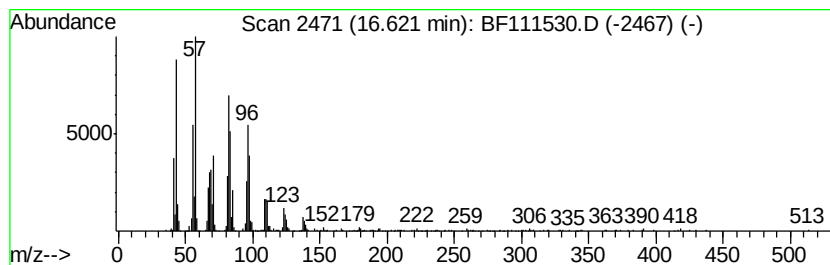
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 1,22-Docosanediol Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.	
16.62	41.45 ng	1185230	Perylene-d12	15.40	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,22-Docosanediol	342	C22H46O2	022513-81-1	97
2	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	95
3	Octadecanal	268	C18H36O	000638-66-4	94
4	Tetradecanal	212	C14H28O	000124-25-4	76
5	E-8-Methyl-9-tetradecen-1-ol ace...	268	C17H32O2	1000130-81-4	53



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF121718\
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 Acq On : 17 Dec 2018 10:57
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 Sample : J6386-02
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 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
unknown6.56	6.56	71.3	ng	3875730	1	6.79	1086660	20.0
n-Hexadecanoic acid	11.87	163.4	ng	6493080	4	11.31	794711	20.0
1,1'-Biphenyl, 2,...	12.44	41.3	ng	1642550	4	11.31	794711	20.0
10-Octadecenoic a...	12.57	63.2	ng	2509760	4	11.31	794711	20.0
1,1'-Biphenyl, 2,...	12.62	53.6	ng	2128100	4	11.31	794711	20.0
Octadecanoic acid	12.67	291.1	ng	9164650	5	13.96	629542	20.0
2,2',3,4',5,6-Hex...	13.09	121.6	ng	3827330	5	13.96	629542	20.0
2,3,3',4',5,5'-He...	13.29	140.7	ng	4428660	5	13.96	629542	20.0
1,1'-Biphenyl, 2,...	13.38	69.6	ng	2190140	5	13.96	629542	20.0
1,1'-Biphenyl, 2,...	13.78	67.7	ng	2131000	5	13.96	629542	20.0
Pentadecane	13.81	128.8	ng	4052610	5	13.96	629542	20.0
1,1'-Biphenyl, 2,...	14.21	66.5	ng	2091980	5	13.96	629542	20.0
1-Chloroeicosane	14.44	185.0	ng	5822270	5	13.96	629542	20.0
Heneicosane	15.06	68.9	ng	1969020	6	15.40	571863	20.0
unknown15.09	15.09	49.9	ng	1426460	6	15.40	571863	20.0
1,22-Docosanediol	16.62	41.5	ng	1185230	6	15.40	571863	20.0