

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF122018\
 Data File : BF111661.D
 Acq On : 21 Dec 2018 1:36
 Operator : JU/SJ
 Sample : J6447-07 10X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P001-SS025-0612-01

Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Sampling : 1

Start Thrs: 0.2

Stop Thrs : 0

Filtering: 5

Min Area: 3 % of largest Peak

Max Peaks: 100

Peak Location: TOP

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

Peak separation: 5

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

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.193	14	18	22	rVB	21340	29596	1.55%	0.123%
2	3.998	320	325	330	rBV	66237	81632	4.29%	0.340%
3	5.098	509	512	516	rVB	30004	29468	1.55%	0.123%
4	5.504	576	581	585	rBV	530276	501172	26.33%	2.088%
5	6.510	748	752	761	rBV	655818	546892	28.73%	2.278%
6	6.663	774	778	781	rVB	553687	510849	26.84%	2.128%
7	6.763	790	795	798	rVB3	18913	20105	1.06%	0.084%
8	6.898	814	818	821	rBV	1336358	1201608	63.13%	5.006%
9	6.928	821	823	826	rVB	81175	59267	3.11%	0.247%
10	7.051	840	844	848	rBV	516389	404606	21.26%	1.686%
11	7.445	907	911	914	rBV	371804	290100	15.24%	1.209%
12	8.175	1031	1035	1039	rBV	1752324	1464908	76.96%	6.103%
13	9.251	1214	1218	1221	rVB	598204	516536	27.14%	2.152%
14	9.639	1281	1284	1292	rVB2	49296	68800	3.61%	0.287%
15	9.933	1330	1334	1337	rVB	1564173	1378845	72.44%	5.744%
16	10.710	1463	1466	1472	rBV	291917	242425	12.74%	1.010%
17	10.963	1505	1509	1513	rBV	29156	28294	1.49%	0.118%
18	11.057	1523	1525	1531	rBV4	25209	32313	1.70%	0.135%
19	11.410	1582	1585	1589	rVB	1264579	1143552	60.08%	4.764%
20	11.469	1593	1595	1599	rVB2	60253	54579	2.87%	0.227%
21	11.533	1604	1606	1610	rVB2	20844	19938	1.05%	0.083%
22	11.574	1610	1613	1617	rVB4	23092	20146	1.06%	0.084%
23	11.639	1620	1624	1631	rVB3	26686	33805	1.78%	0.141%
24	11.933	1671	1674	1682	rVB2	65375	74750	3.93%	0.311%
25	12.027	1687	1690	1693	rVB3	38057	33946	1.78%	0.141%
26	12.068	1695	1697	1699	rVV3	30681	27611	1.45%	0.115%
27	12.116	1702	1705	1711	rVB7	18894	28448	1.49%	0.119%
28	12.198	1715	1719	1721	rBV3	21670	21182	1.11%	0.088%
29	12.221	1721	1723	1726	rVB4	18983	21242	1.12%	0.088%
30	12.280	1729	1733	1735	rBV	52020	50376	2.65%	0.210%
31	12.504	1769	1771	1773	rBV	27175	25083	1.32%	0.104%
32	12.545	1773	1778	1784	rVB3	153953	195923	10.29%	0.816%
33	12.680	1796	1801	1805	rVB3	70633	73079	3.84%	0.304%
34	12.721	1805	1808	1811	rBV	215758	183878	9.66%	0.766%

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 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	12.757	1811	1814	1817	rVB4	15790	22742	1.19%	0.095%
36	12.874	1832	1834	1841	rVB5	23213	36483	1.92%	0.152%
37	12.939	1843	1845	1847	rVB3	37403	26379	1.39%	0.110%
38	12.992	1850	1854	1860	rVB	560365	550848	28.94%	2.295%
39	13.092	1868	1871	1874	rBV	189285	162683	8.55%	0.678%
40	13.121	1874	1876	1883	rVV3	83801	109022	5.73%	0.454%
41	13.186	1883	1887	1889	rVV	497925	441612	23.20%	1.840%
42	13.233	1893	1895	1899	rVV	161420	145629	7.65%	0.607%
43	13.268	1899	1901	1904	rVV4	45717	46032	2.42%	0.192%
44	13.321	1907	1910	1912	rVV	96914	86430	4.54%	0.360%
45	13.374	1915	1919	1922	rVV	615269	517134	27.17%	2.154%
46	13.404	1922	1924	1929	rVV2	132110	124149	6.52%	0.517%
47	13.445	1929	1931	1934	rVV2	30562	28701	1.51%	0.120%
48	13.480	1934	1937	1941	rVB2	207904	223723	11.75%	0.932%
49	13.545	1945	1948	1950	rBV2	56892	64015	3.36%	0.267%
50	13.586	1950	1955	1960	rVV2	354892	506986	26.64%	2.112%
51	13.627	1960	1962	1964	rVV2	53392	48282	2.54%	0.201%
52	13.692	1967	1973	1977	rVV	422005	444908	23.37%	1.854%
53	13.733	1977	1980	1986	rVV	156537	183224	9.63%	0.763%
54	13.798	1989	1991	1993	rVV	56738	50555	2.66%	0.211%
55	13.827	1994	1996	2001	rVB6	41426	37583	1.97%	0.157%
56	13.886	2001	2006	2015	rBV3	812906	1407103	73.93%	5.862%
57	13.957	2015	2018	2023	rVV3	86326	109328	5.74%	0.455%
58	14.045	2026	2033	2036	rVV	1511963	1400822	73.60%	5.836%
59	14.086	2036	2040	2043	rVV	588971	537373	28.23%	2.239%
60	14.110	2043	2044	2048	rVB4	17319	20121	1.06%	0.084%
61	14.215	2059	2062	2067	rBV2	101444	167675	8.81%	0.699%
62	14.262	2067	2070	2073	rVB2	63512	66337	3.49%	0.276%
63	14.298	2073	2076	2080	rBV	229751	241900	12.71%	1.008%
64	14.339	2080	2083	2087	rVV2	181314	195723	10.28%	0.815%
65	14.392	2089	2092	2094	rVV	125333	107849	5.67%	0.449%
66	14.421	2094	2097	2102	rVB7	31193	39812	2.09%	0.166%
67	14.527	2111	2115	2121	rBV	1781481	1903366	100.00%	7.930%
68	14.580	2121	2124	2128	rVV2	65418	77077	4.05%	0.321%
69	14.615	2128	2130	2133	rVV3	47274	35456	1.86%	0.148%
70	14.645	2133	2135	2138	rVB3	37864	33888	1.78%	0.141%
71	14.709	2144	2146	2148	rVB2	39548	28600	1.50%	0.119%

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72	14.762	2152	2155	2158	rVV	100822	94588	4.97%	0.394%
73	14.809	2160	2163	2165	rBV	58308	61985	3.26%	0.258%
74	14.839	2165	2168	2175	rVB4	107286	194480	10.22%	0.810%
75	14.980	2188	2192	2196	rVB	217979	217801	11.44%	0.907%
76	15.180	2221	2226	2227	rBV	391909	444429	23.35%	1.852%
77	15.198	2227	2229	2235	rVB	459849	542076	28.48%	2.258%
78	15.257	2236	2239	2248	rVB	107007	159224	8.37%	0.663%
79	15.351	2252	2255	2261	rVB4	50031	56235	2.95%	0.234%
80	15.521	2279	2284	2288	rBV	747079	920022	48.34%	3.833%
81	15.568	2288	2292	2295	rVV	53624	65002	3.42%	0.271%
82	15.768	2321	2326	2330	rBV	188310	289078	15.19%	1.204%
83	16.009	2363	2367	2371	rBV	159971	241142	12.67%	1.005%
84	16.056	2371	2375	2383	rVV2	159386	266412	14.00%	1.110%
85	16.133	2384	2388	2392	rVB2	96828	142662	7.50%	0.594%
86	16.256	2406	2409	2411	rBV3	34351	50513	2.65%	0.210%
87	16.821	2500	2505	2512	rBV2	102251	188916	9.93%	0.787%
88	17.321	2585	2590	2594	rBV4	59881	130440	6.85%	0.543%
89	17.374	2596	2599	2606	rVB3	88741	165388	8.69%	0.689%
90	17.627	2637	2642	2648	rVB9	64957	128282	6.74%	0.534%

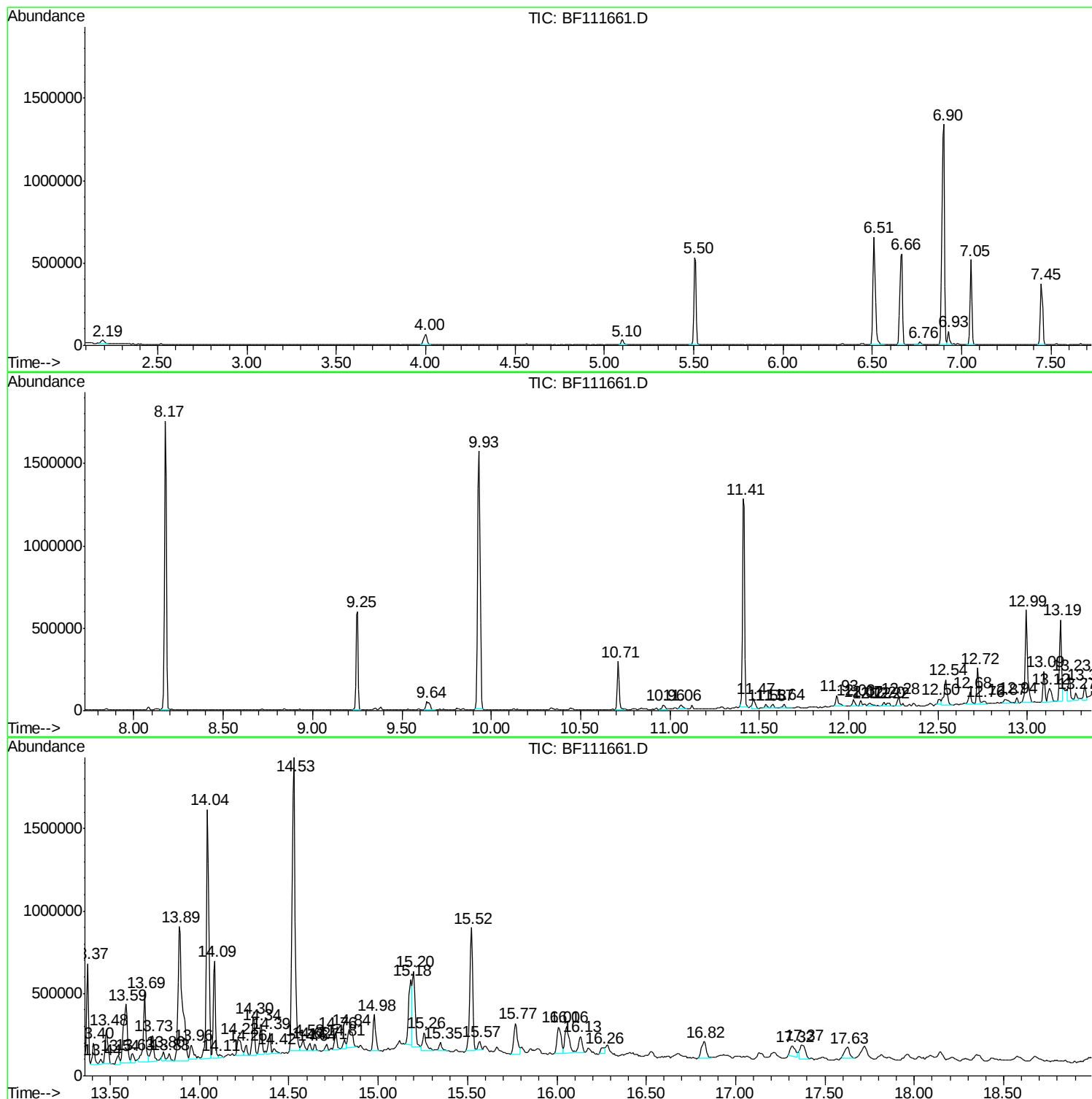
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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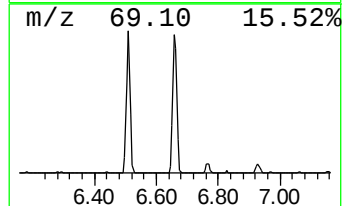
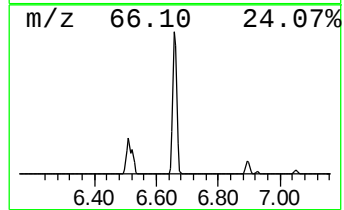
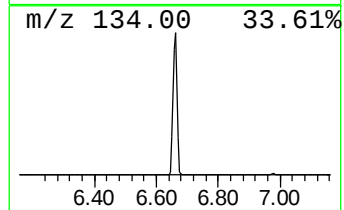
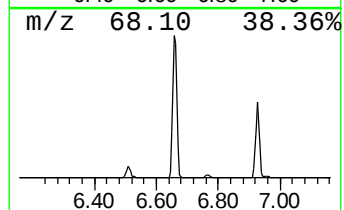
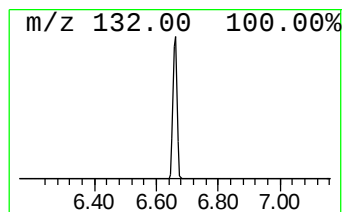
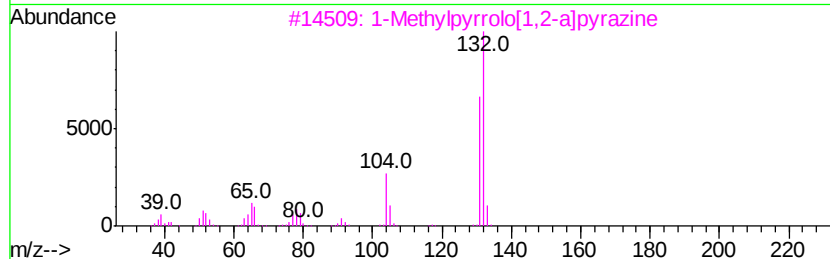
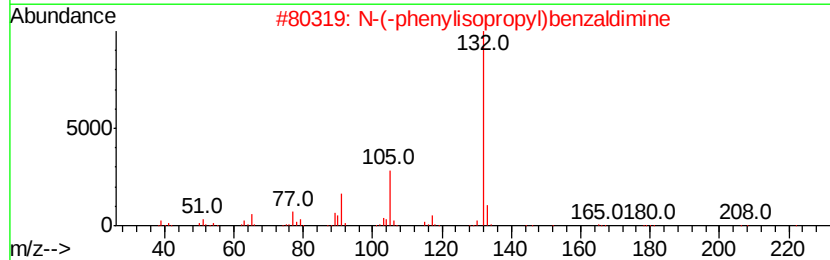
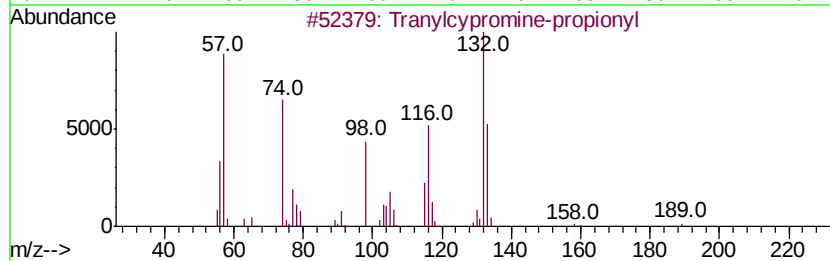
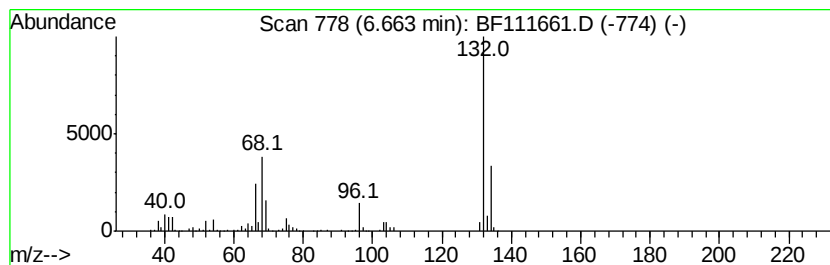
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown6.66 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.66	8.50 ng	510849	1,4-Dichlorobenzene-d4	6.90

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tranvlcvpromine-propionyl	189	C12H15NO	1000123-86-3	12
2		N-(-phenylisopropyl)benzalimine	223	C16H17N	1000379-01-3	10
3		1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9
4		2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9
5		5-Aminoindole	132	C8H8N2	005192-03-0	9



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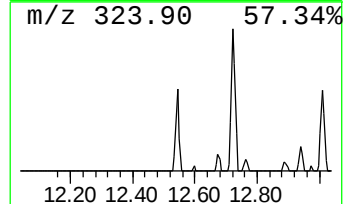
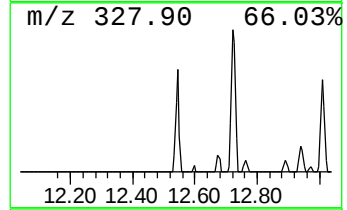
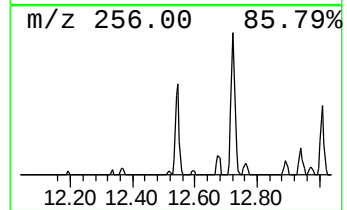
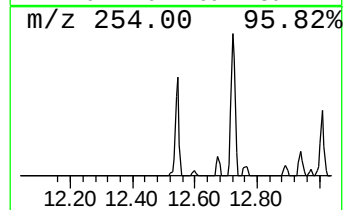
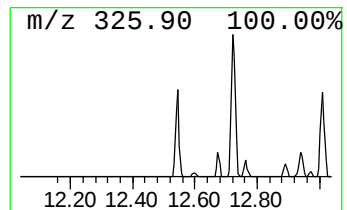
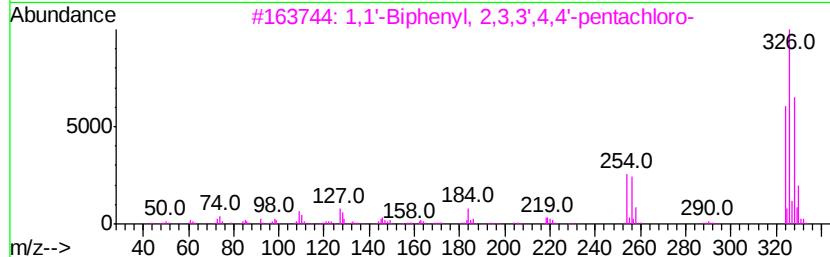
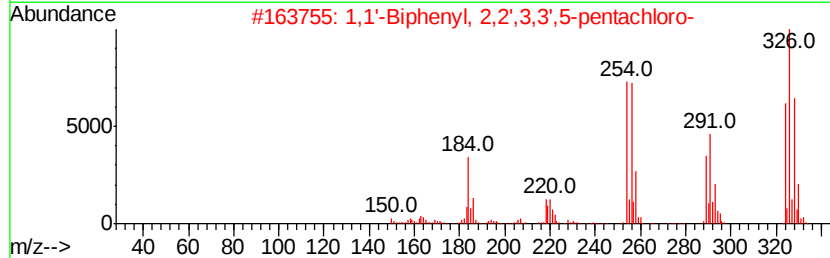
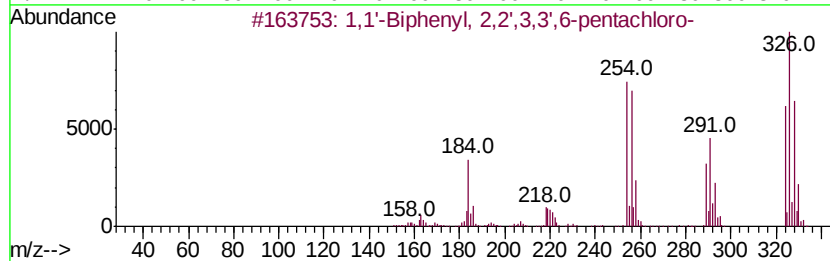
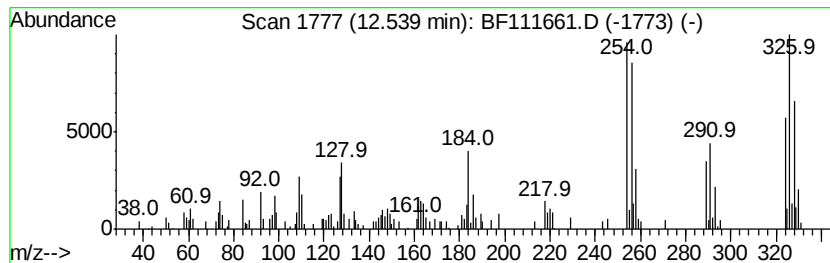
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 1,1'-Biphenyl, 2,2',3,3',6-... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.54	3.43 ng	195923	Phenanthrene-d10	11.41

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,1'-Biphenyl, 2,2',3,3',6-penta...	324	C12H5Cl5	052663-60-2	99
2		1,1'-Biphenyl, 2,2',3,3',5-penta...	324	C12H5Cl5	060145-20-2	99
3		1,1'-Biphenyl, 2,3,3',4,4'-penta...	324	C12H5Cl5	032598-14-4	99
4		1,1'-Biphenyl, 2,2',3,5,5'-penta...	324	C12H5Cl5	052663-61-3	99
5		1,1'-Biphenyl, 2,2',3,4,5'-penta...	324	C12H5Cl5	038380-02-8	99



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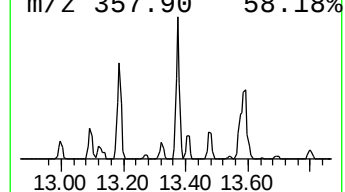
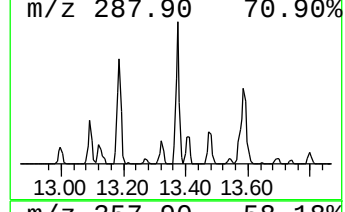
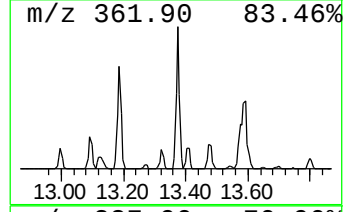
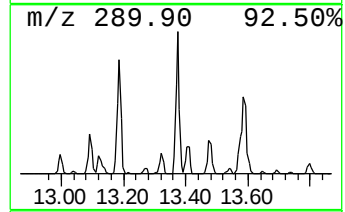
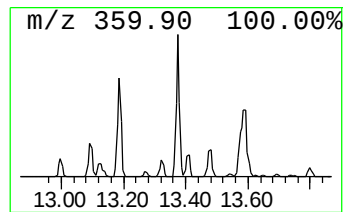
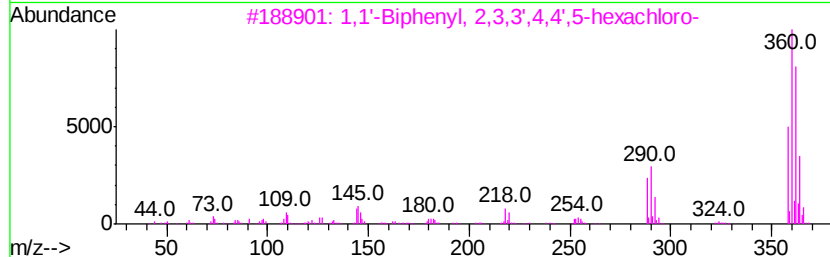
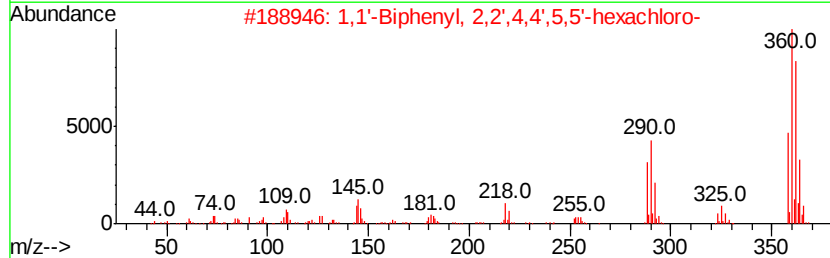
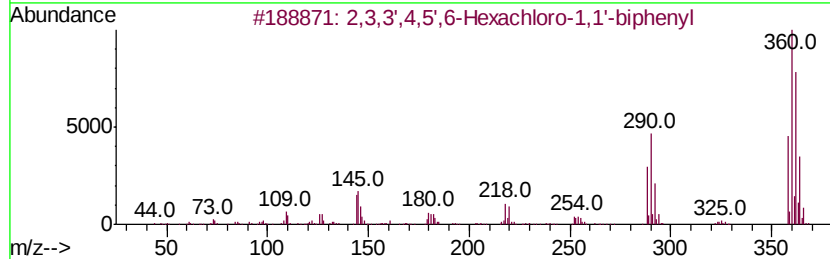
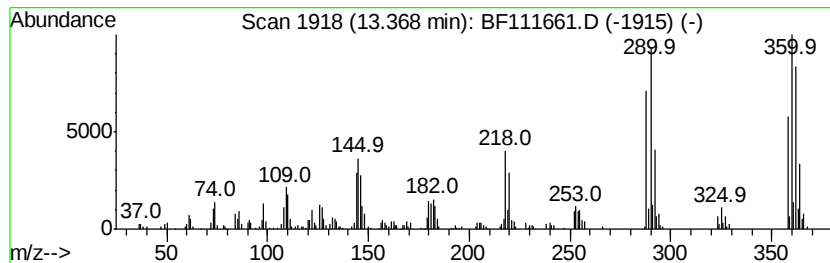
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.37	7.38 ng	517134	Chrysene-d12	14.04

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2,3,3',4,5',6-Hexachloro-1,1'-bi...	358	C12H4Cl6	074472-43-8	99
2		1,1'-Biphenyl, 2,2',4,4',5,5'-he...	358	C12H4Cl6	035065-27-1	99
3		1,1'-Biphenyl, 2,3,3',4,4',5-hex...	358	C12H4Cl6	038380-08-4	99
4		2,3,3',4,4',6-Hexachloro-1,1'-bi...	358	C12H4Cl6	074472-42-7	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\BF122018\
Data File : BF111661.D
Acq On : 21 Dec 2018 1:36
Operator : JU/SJ
Sample : J6447-07 10X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
P001-SS025-0612-01

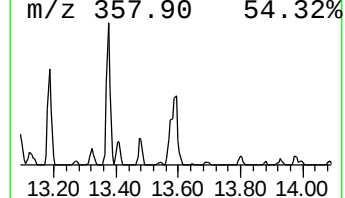
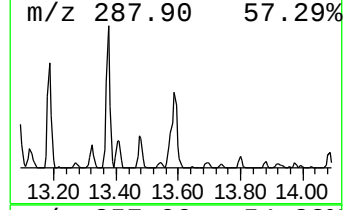
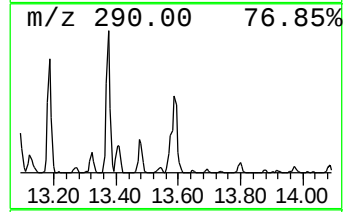
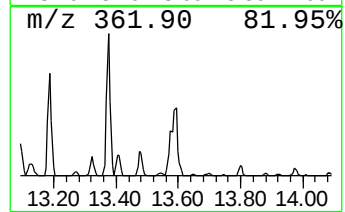
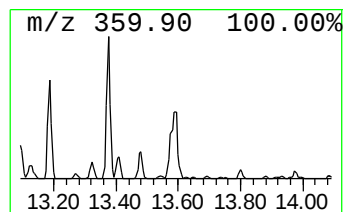
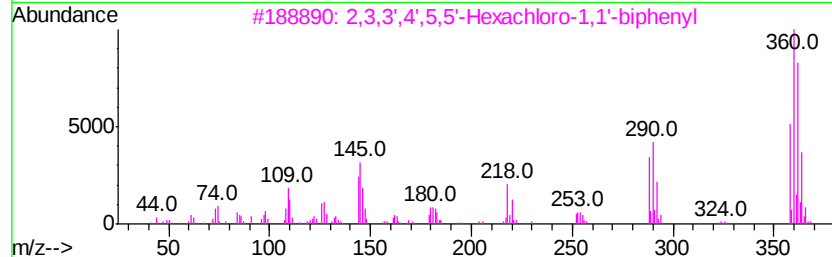
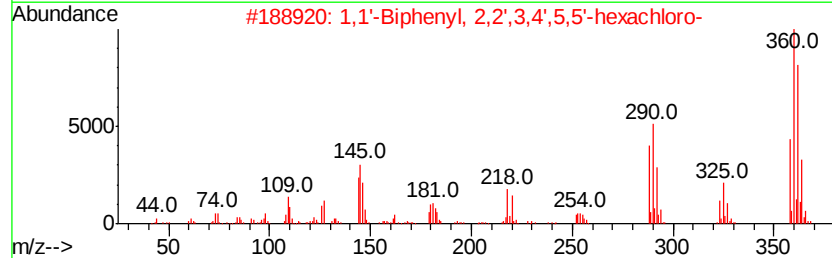
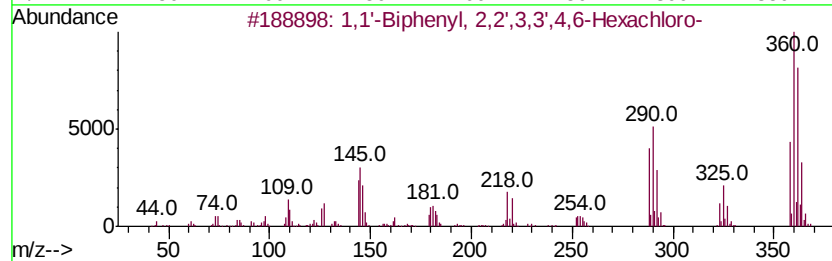
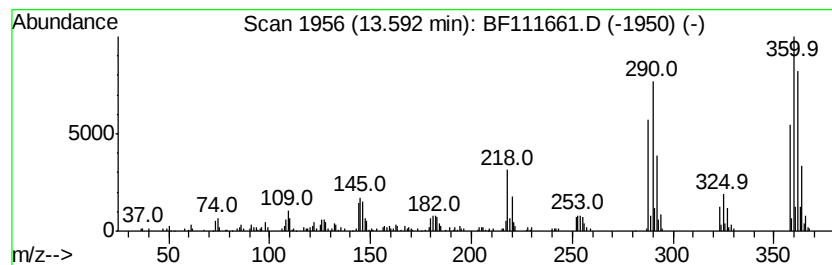
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.59	7.24 ng	506986	Chrysene-d12	14.04

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,1'-Biphenyl, 2,2',3,3',4,6-Hex...	358	C12H4Cl6	061798-70-7	99
2		1,1'-Biphenyl, 2,2',3,4',5,5'-he...	358	C12H4Cl6	051908-16-8	99
3		2,3,3',4',5,5'-Hexachloro-1,1'-b...	358	C12H4Cl6	039635-34-2	99
4		2,3,4,4',5,6-Hexachloro-1,1'-bip...	358	C12H4Cl6	041411-63-6	99
5		2,3,3',4,4',6-Hexachloro-1,1'-bi...	358	C12H4Cl6	074472-42-7	99



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122018\
Data File : BF111661.D
Acq On : 21 Dec 2018 1:36
Operator : JU/SJ
Sample : J6447-07 10X
Misc :
ALS Vial : 22 Sample Multiplier: 1

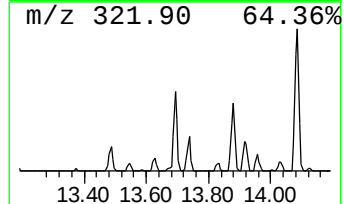
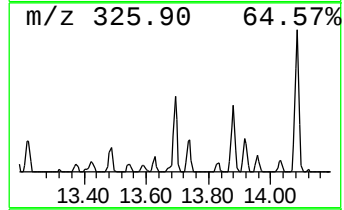
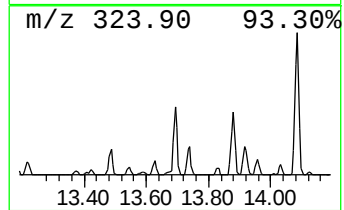
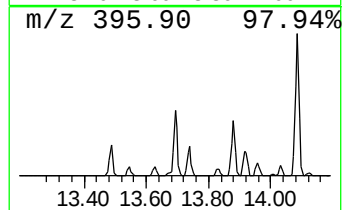
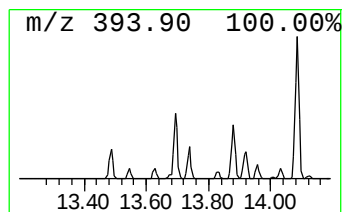
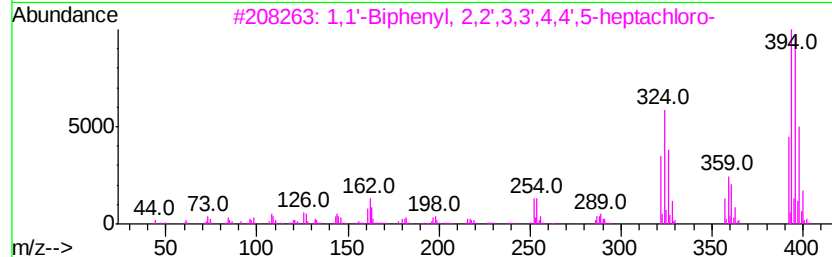
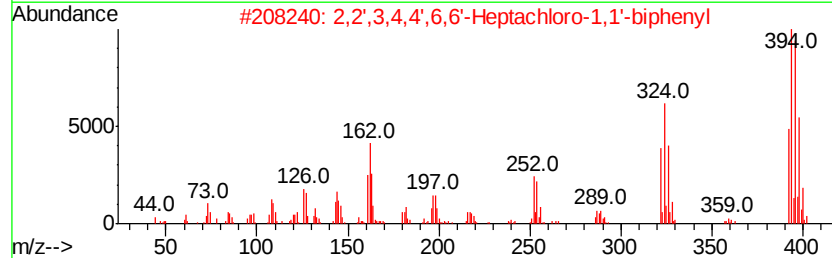
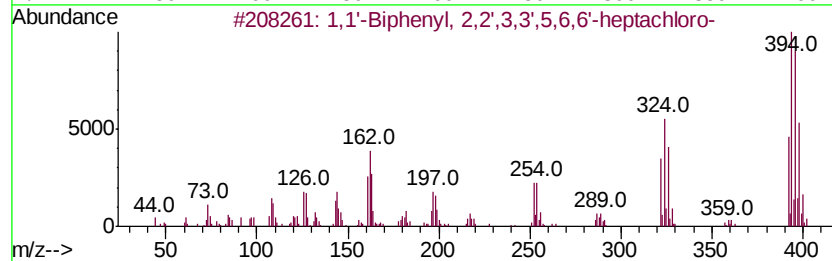
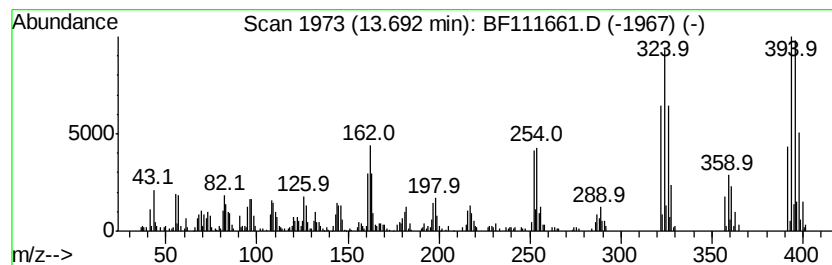
Instrument :
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ClientSampleId :
P001-SS025-0612-01

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

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

Peak Number 7 1,1'-Biphenyl, 2,2',3,3',5,... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.69	6.35 ng	444908	Chrysene-d12	14.04	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',3,3',5,6,6'-...	392	C12H3Cl7	052663-64-6	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	2,2',3,4',5,6,6'-Heptachloro-1,1...	392	C12H3Cl7	074487-85-7	99



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122018\
Data File : BF111661.D
Acq On : 21 Dec 2018 1:36
Operator : JU/SJ
Sample : J6447-07 10X
Misc :
ALS Vial : 22 Sample Multiplier: 1

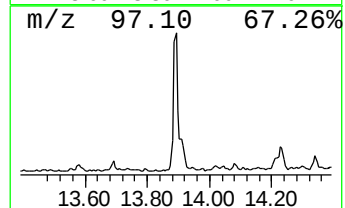
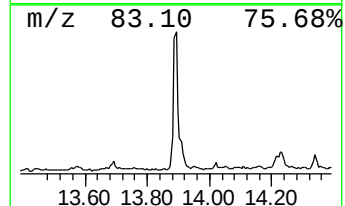
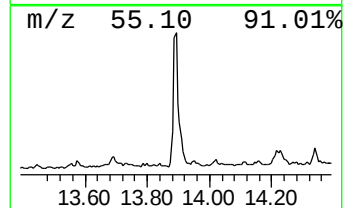
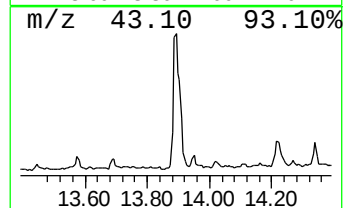
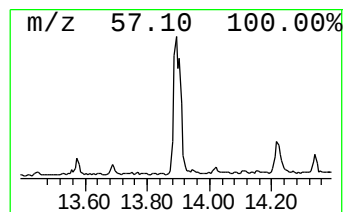
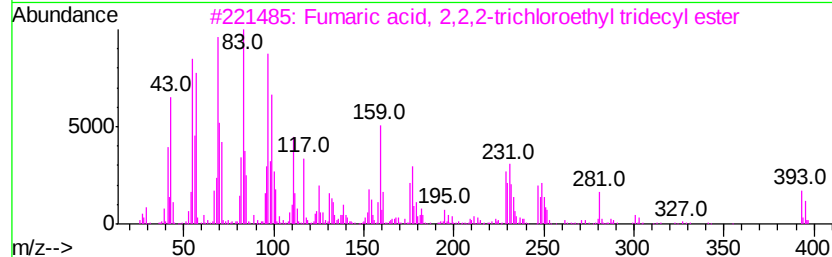
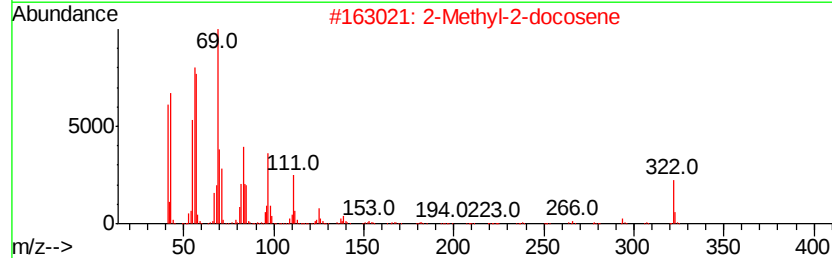
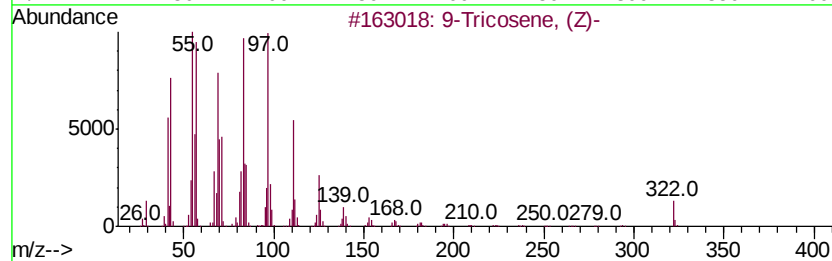
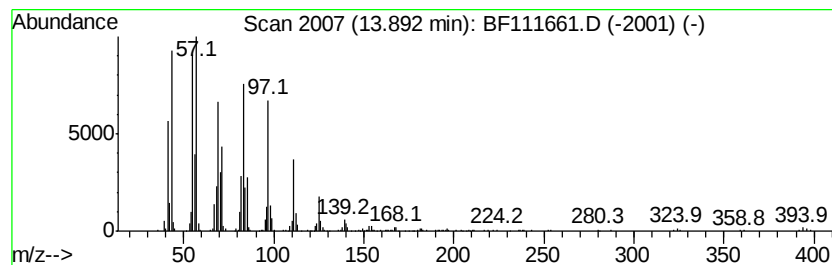
Instrument :
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ClientSampleId :
P001-SS025-0612-01

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

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

Peak Number 8 9-Tricosene, (Z)- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.89	20.09 ng	1407100	Chrysene-d12	14.04
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	9-Tricosene, (Z)-	322 C23H46	027519-02-4	95
2	2-Methyl-2-docosene	322 C23H46	1000131-16-9	49
3	Fumaric acid, 2,2,2-trichloroeth...	428 C19H31Cl3O4	1000348-51-0	46
4	Tetradecanoic acid, dodecyl ester	396 C26H52O2	002040-64-4	45
5	Hexadecanoic acid, 2-hydroxy-, m...	286 C17H34O3	016742-51-1	42



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122018\
Data File : BF111661.D
Acq On : 21 Dec 2018 1:36
Operator : JU/SJ
Sample : J6447-07 10X
Misc :
ALS Vial : 22 Sample Multiplier: 1

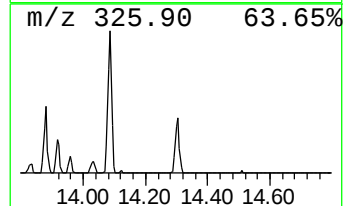
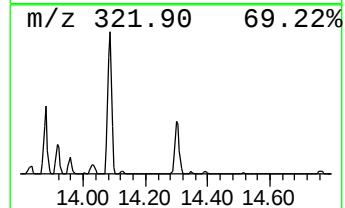
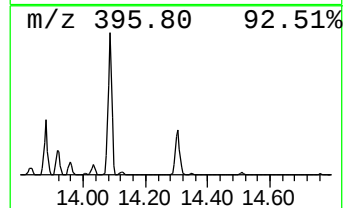
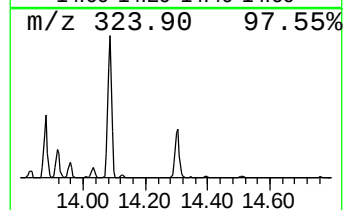
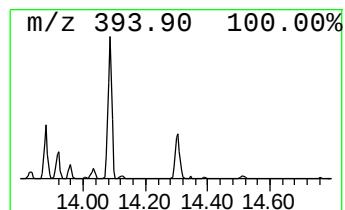
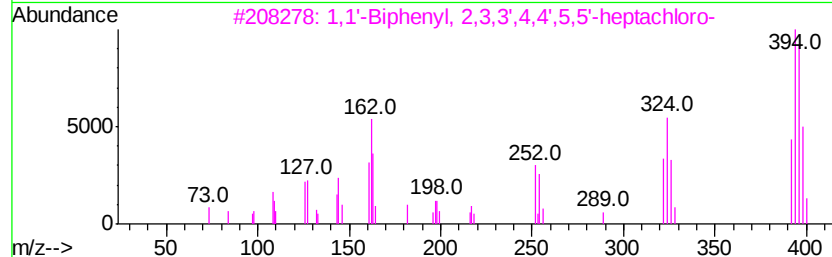
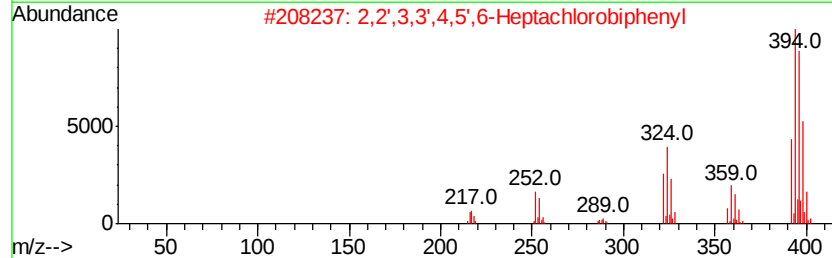
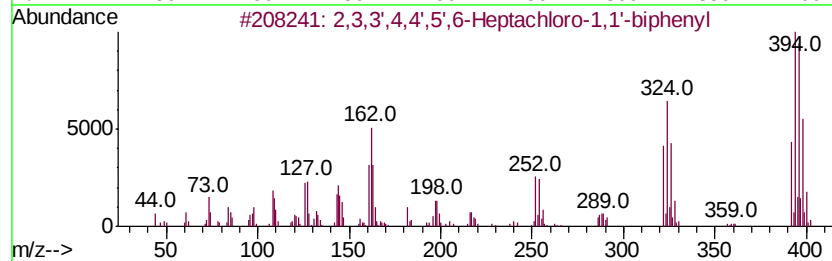
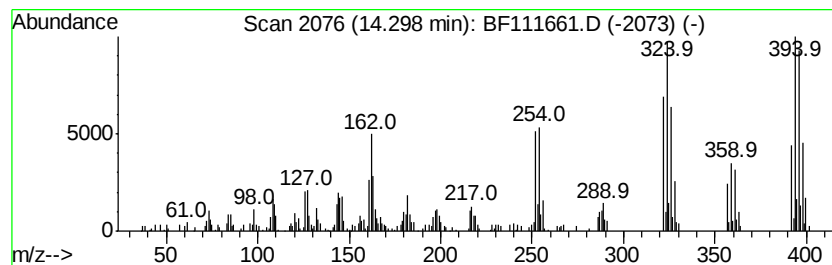
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.		
14.30	3.45 ng	241900	Chrysene-d12	14.04		
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',3,3',4,5',6-Heptachlorobiph...	392	C12H3Cl7	040186-70-7	99	
3	1,1'-Biphenyl, 2,3,3',4,4',5,5'-...	392	C12H3Cl7	039635-31-9	99	
4	1,1'-Biphenyl, 2,2',3,3',4,4',6-...	392	C12H3Cl7	052663-71-5	99	
5	1,1'-Biphenyl, 2,2',3,4,4',5,6'-...	392	C12H3Cl7	060145-23-5	99	



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122018\
Data File : BF111661.D
Acq On : 21 Dec 2018 1:36
Operator : JU/SJ
Sample : J6447-07 10X
Misc :
ALS Vial : 22 Sample Multiplier: 1

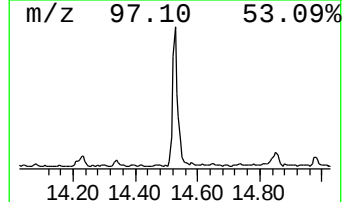
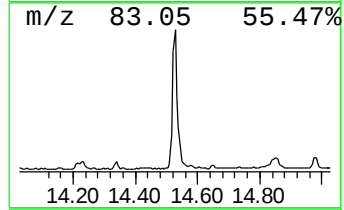
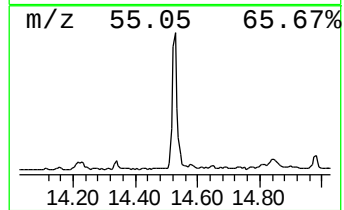
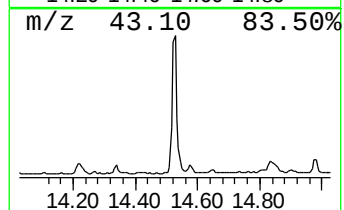
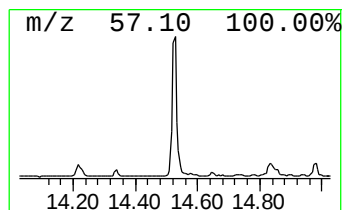
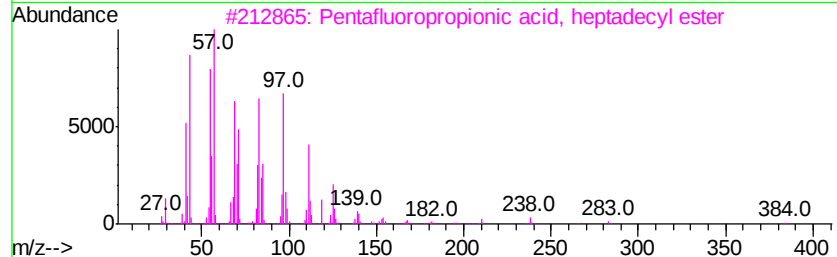
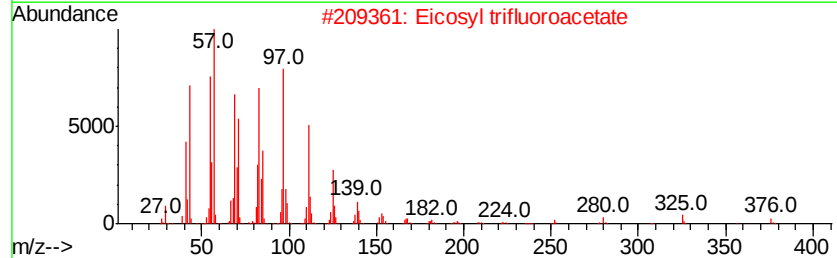
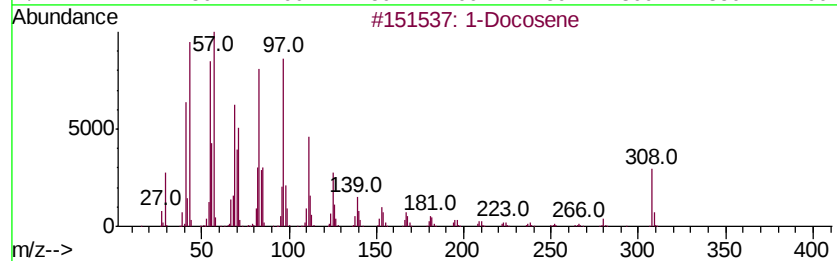
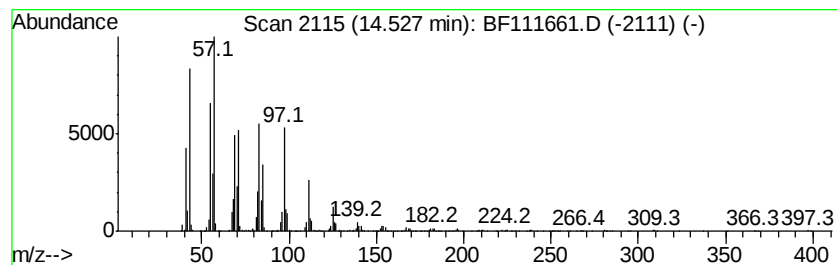
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 1-Docosene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.53	27.18 ng	1903370	Chrysene-d12	14.04
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	1-Docosene	308 C22H44	001599-67-3	95
2	Eicosyl trifluoroacetate	394 C22H41F3O2	1000351-75-2	91
3	Pentafluoropropionic acid, hepta...	402 C20H35F5O2	959218-78-1	91
4	Tetracosyl trifluoroacetate	450 C26H49F3O2	1000351-76-4	91
5	Pentafluoropropionic acid, octad...	416 C21H37F5O2	959261-25-7	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122018\
Data File : BF111661.D
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Sample : J6447-07 10X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
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ClientSampleId :
P001-SS025-0612-01

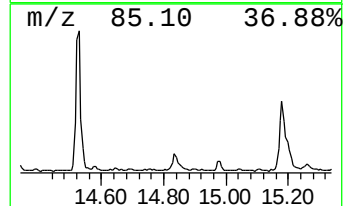
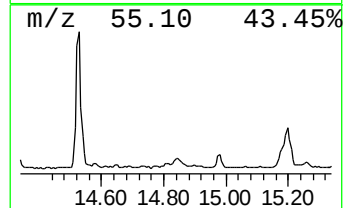
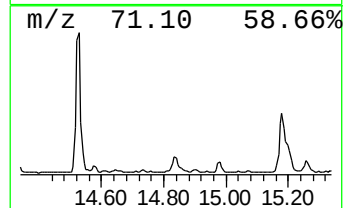
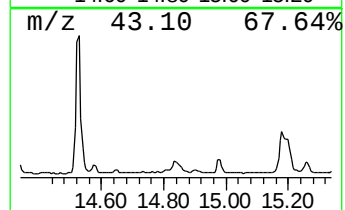
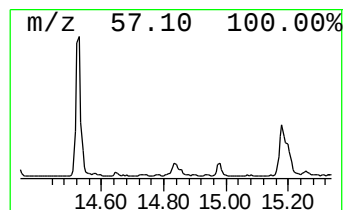
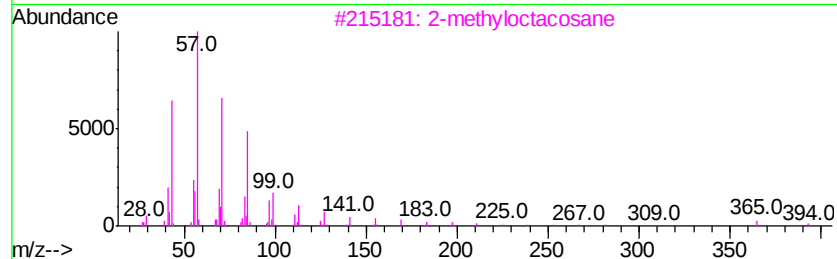
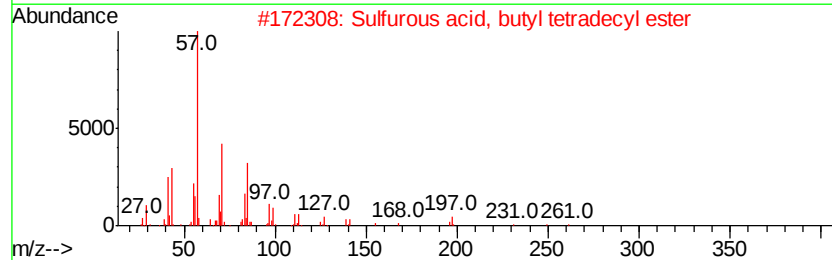
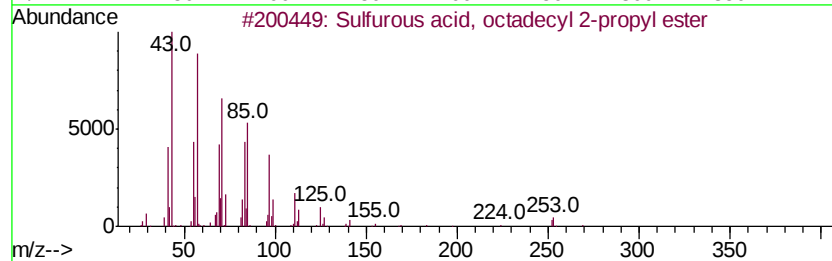
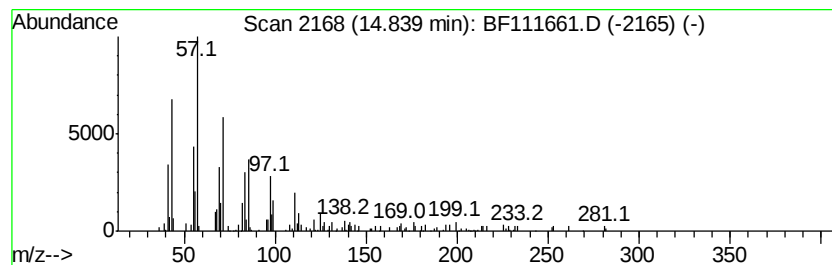
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Sulfurous acid, octadecyl 2... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.84	4.23 ng	194480	Perylene-d12	15.52

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Sulfurous acid, octadecyl 2-prop...	376	C21H44O3S	1000309-12-7	87
2		Sulfurous acid, butyl tetradecyl...	334	C18H38O3S	1000309-18-1	64
3		2-methyloctacosane	408	C29H60	1000376-72-8	58
4		Tetratetracontane	619	C44H90	007098-22-8	58
5		1-Bromodocosane	388	C22H45Br	006938-66-5	58



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122018\
Data File : BF111661.D
Acq On : 21 Dec 2018 1:36
Operator : JU/SJ
Sample : J6447-07 10X
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ALS Vial : 22 Sample Multiplier: 1

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ClientSampleId :
P001-SS025-0612-01

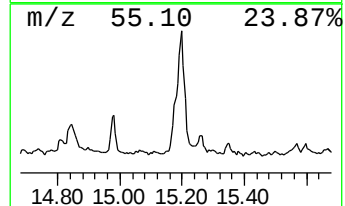
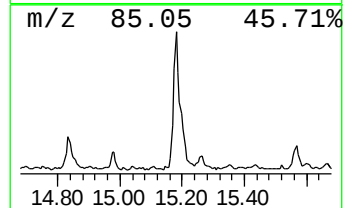
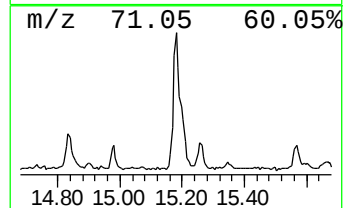
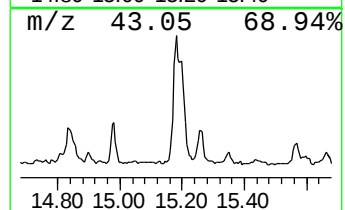
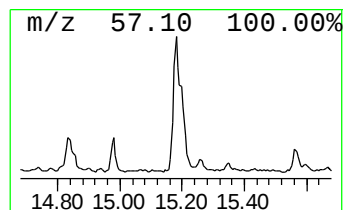
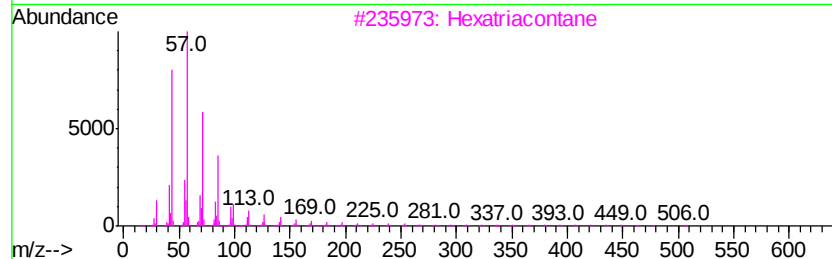
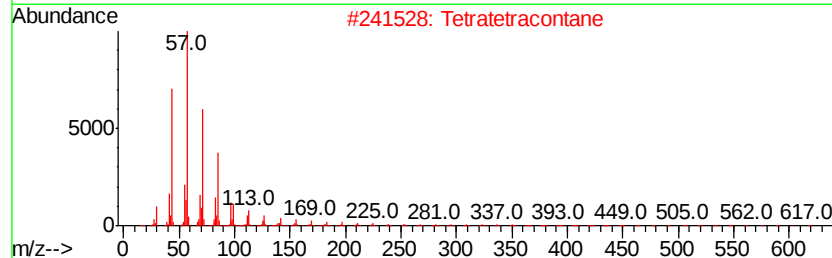
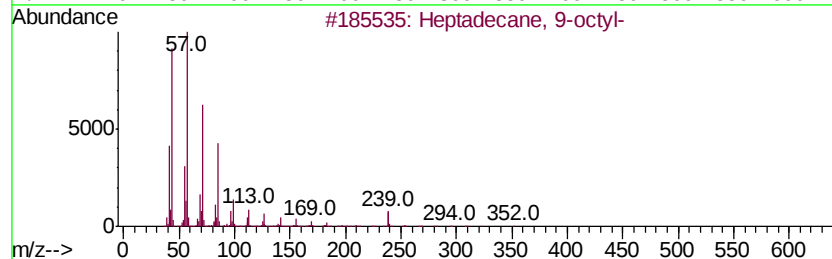
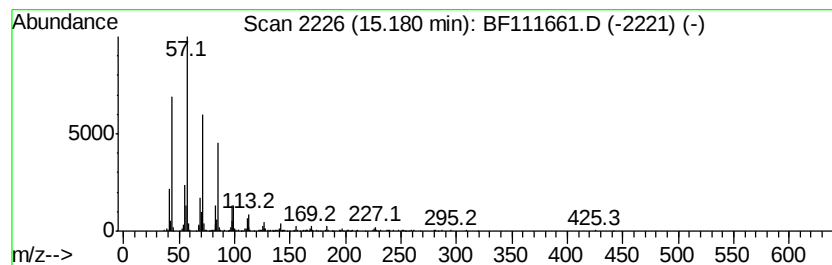
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Heptadecane, 9-octyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.18	9.66 ng	444429	Perylene-d12	15.52

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
2			Tetratetracontane	619	C44H90	007098-22-8	91
3			Hexatriacontane	507	C36H74	000630-06-8	91
4			Octacosane	394	C28H58	000630-02-4	91
5			2-methyloctacosane	408	C29H60	1000376-72-8	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122018\
Data File : BF111661.D
Acq On : 21 Dec 2018 1:36
Operator : JU/SJ
Sample : J6447-07 10X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
P001-SS025-0612-01

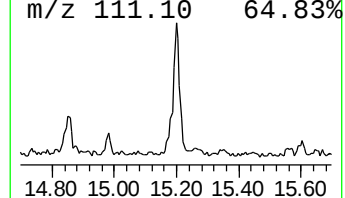
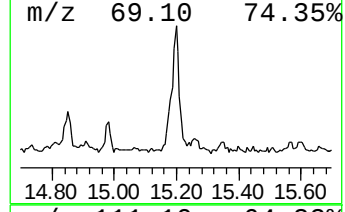
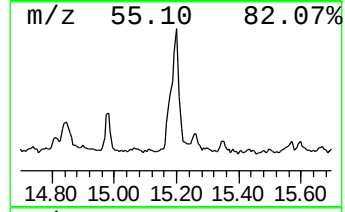
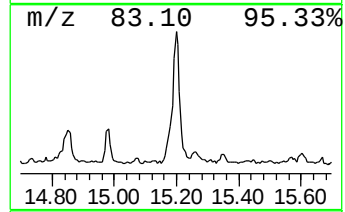
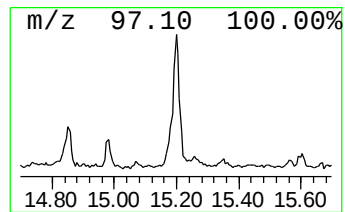
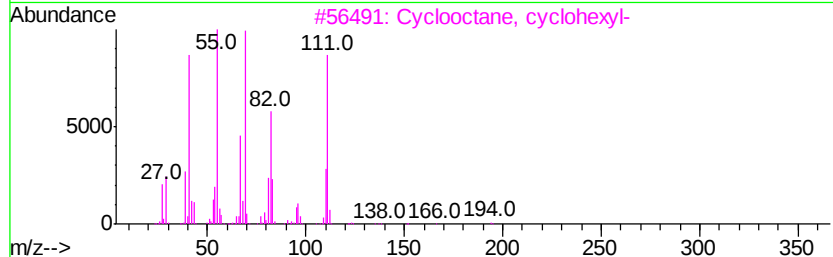
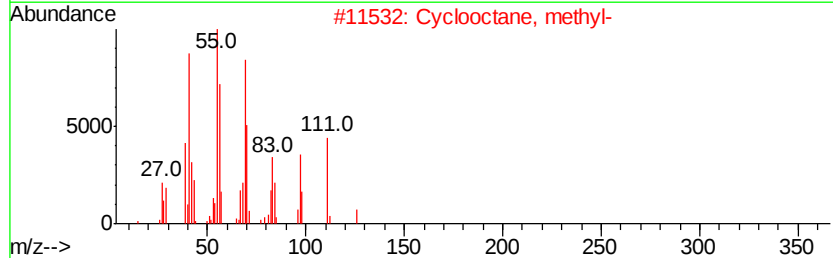
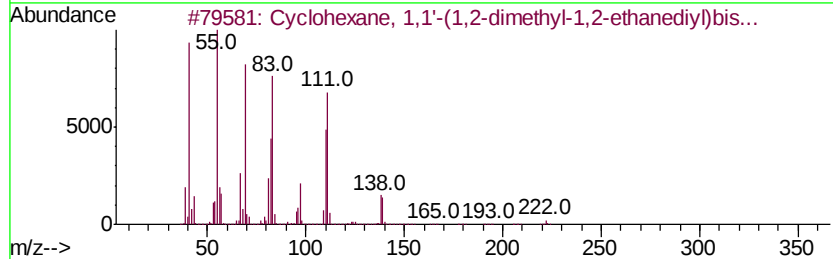
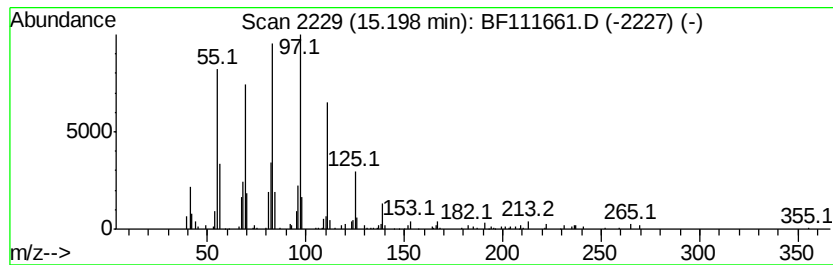
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 unknown15.20 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.20	11.78 ng	542076	Perylene-d12	15.52

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, 1,1'-(1,2-dimethyl-...	222	C16H30	054889-87-1	43
2		Cyclooctane, methyl-	126	C9H18	001502-38-1	38
3		Cyclooctane, cyclohexyl-	194	C14H26	092369-78-3	30
4		Cyclohexane, 1,1'-propylidenebis-	208	C15H28	054934-91-7	27
5		Cyclooctanemethanol	142	C9H18O	003637-63-6	27



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122018\
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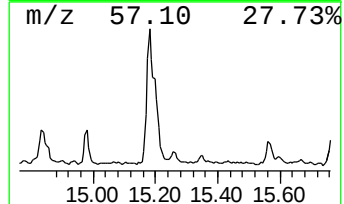
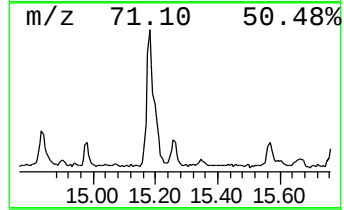
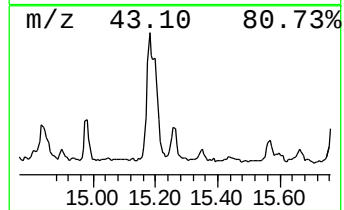
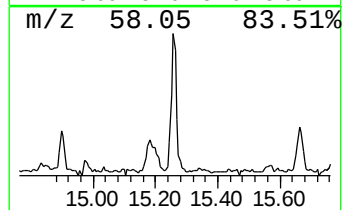
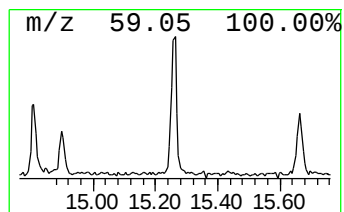
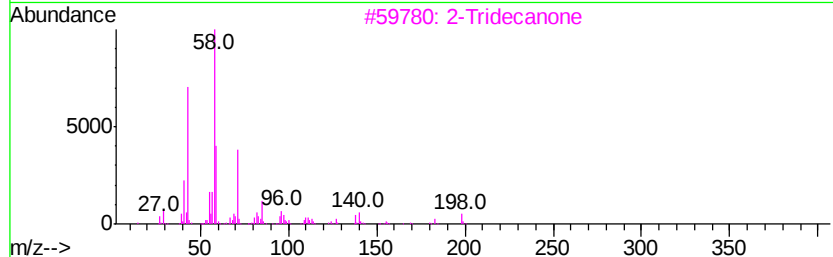
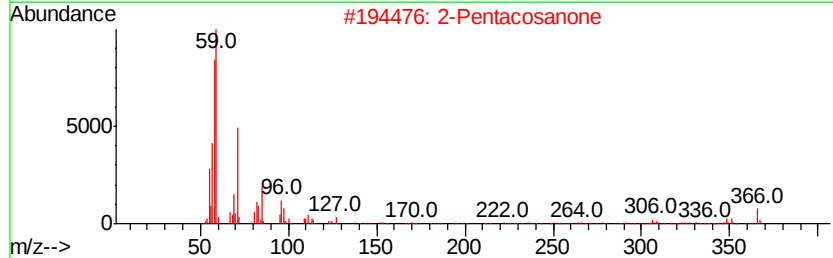
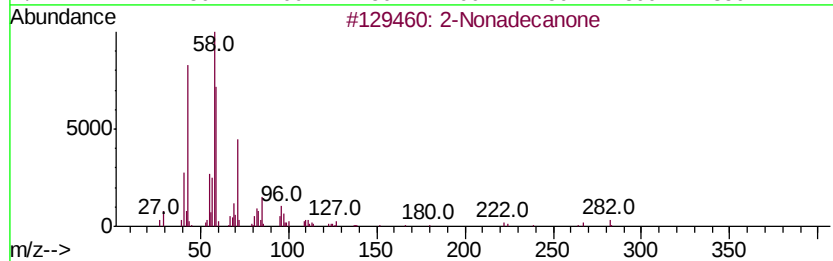
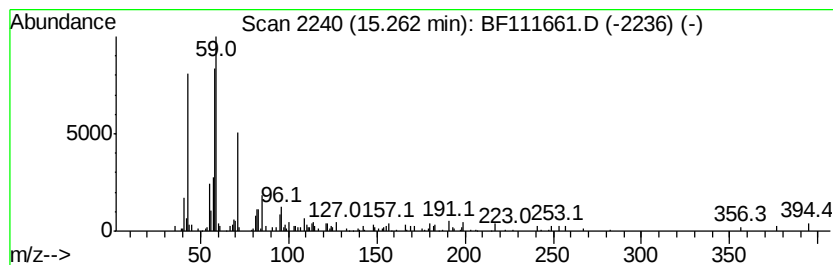
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 2-Nonadecanone Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.26	3.46 ng	159224	Perylene-d12	15.52

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Nonadecanone	282	C19H38O	000629-66-3	90
2			2-Pentacosanone	366	C25H50O	075207-54-4	78
3			2-Tridecanone	198	C13H26O	000593-08-8	64
4			2-Nonanone, 9-hydroxy-	158	C9H18O2	025368-56-3	59
5			2-Propanone, 1-cyclopentyl-	126	C8H14O	001122-98-1	50



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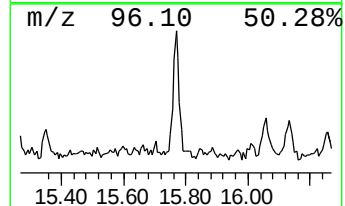
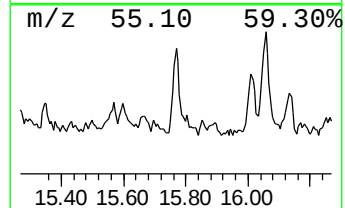
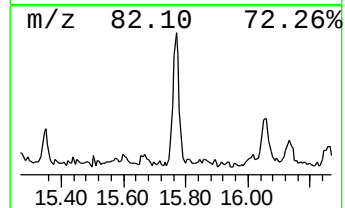
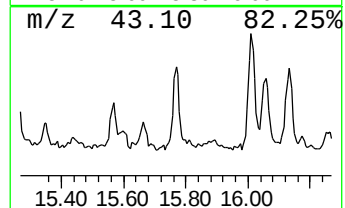
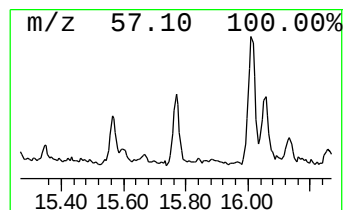
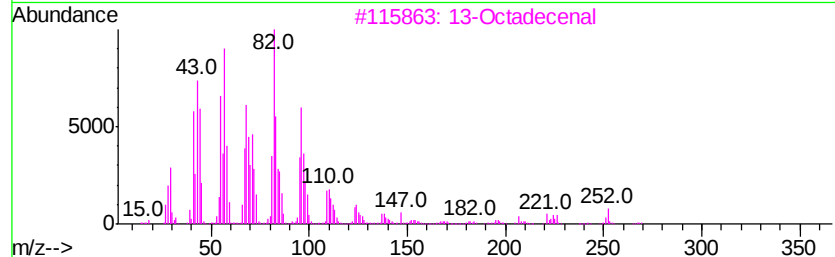
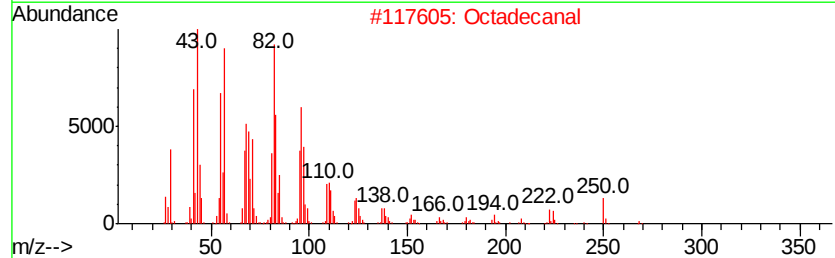
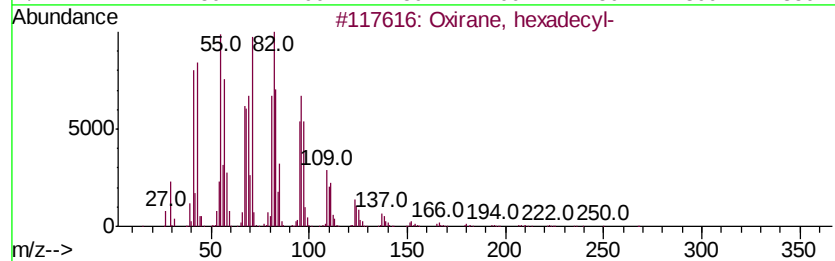
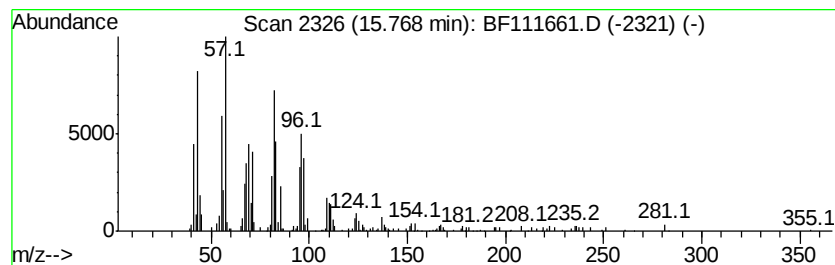
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Oxirane, hexadecyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD		R.T.
15.77	6.28 ng	289078	Perylene-d12		15.52
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	91
2	Octadecanal	268	C18H36O	000638-66-4	91
3	13-Octadecenal	266	C18H34O	056554-90-6	86
4	Oxirane, heptadecyl-	282	C19H38O	067860-04-2	86
5	16-Octadecenal	266	C18H34O	056554-87-1	80



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122018\
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Misc :
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Instrument :
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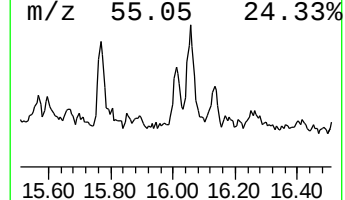
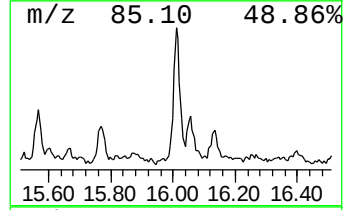
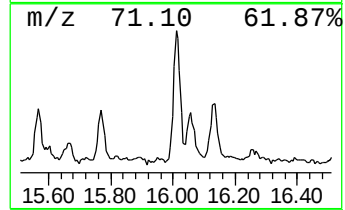
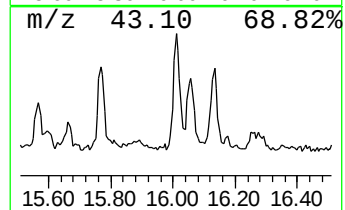
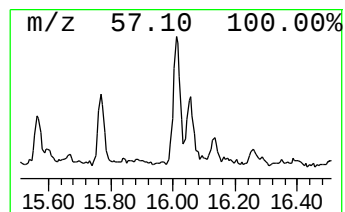
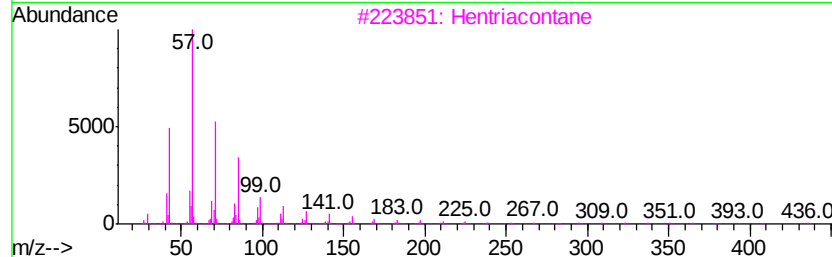
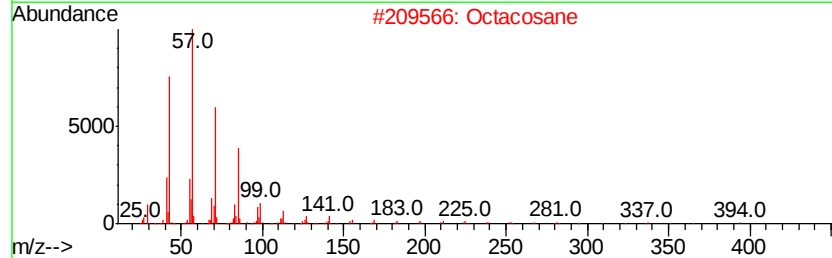
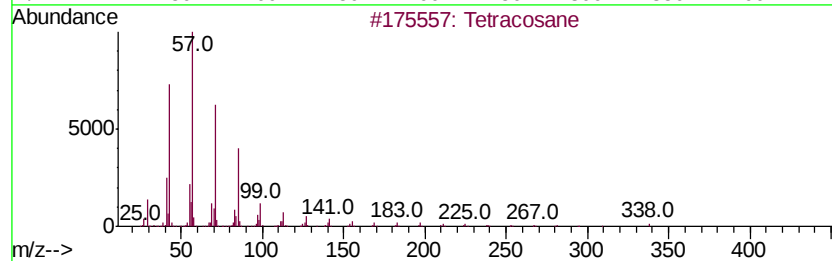
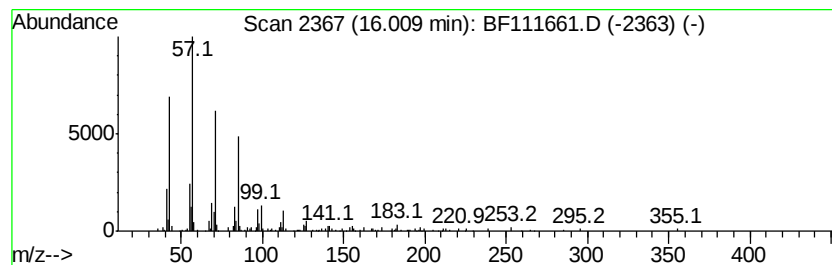
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Tetracosane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.01	5.24 ng	241142	Perylene-d12	15.52

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetracosane	338	C24H50	000646-31-1	91
2			Octacosane	394	C28H58	000630-02-4	90
3			Hentriacontane	437	C31H64	000630-04-6	90
4			Heptacosane	380	C27H56	000593-49-7	86
5			Pentadecane	212	C15H32	000629-62-9	83



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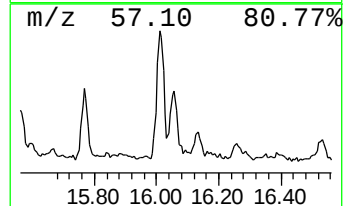
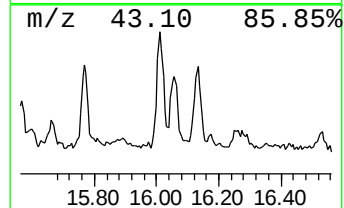
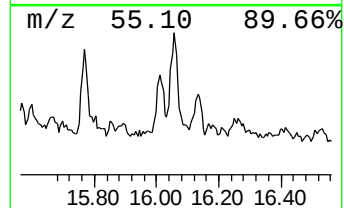
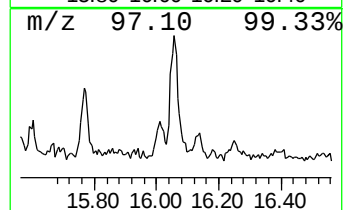
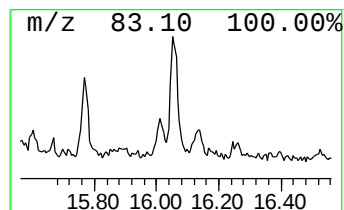
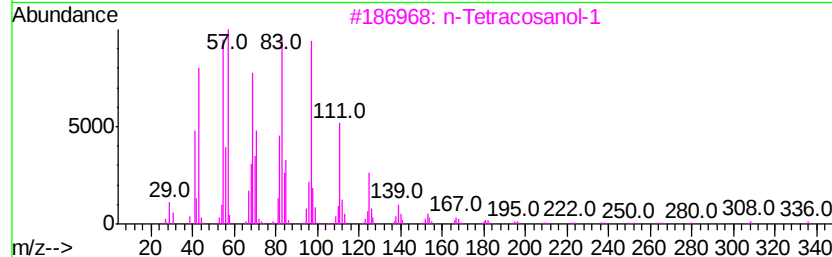
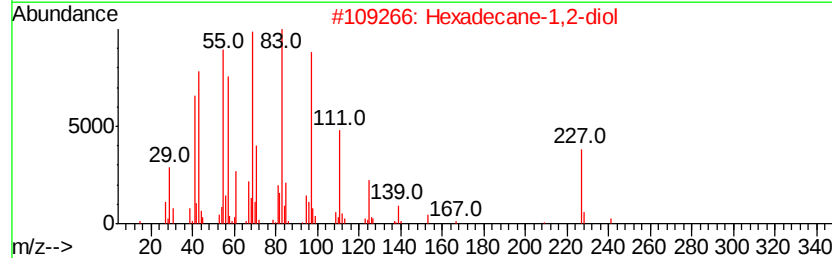
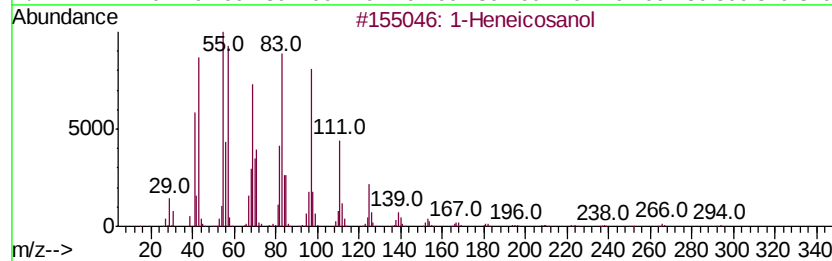
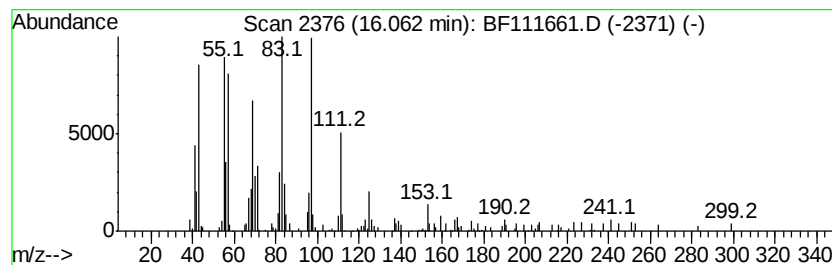
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 1-Heneicosanol Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD		R.T.
16.06	5.79 ng	266412	Perylene-d12		15.52
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosanol	312	C21H44O	015594-90-8	90
2	Hexadecane-1,2-diol	258	C16H34O2	006920-24-7	74
3	n-Tetracosanol-1	354	C24H50O	000506-51-4	74
4	Bromoacetic acid, octadecyl ester	390	C20H39BrO2	018992-03-5	70
5	17-Pentatriacontene	491	C35H70	006971-40-0	64



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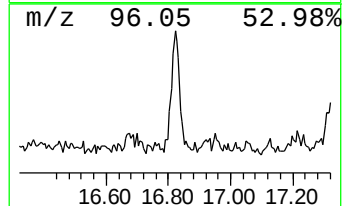
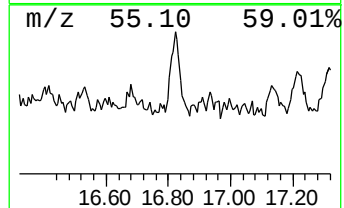
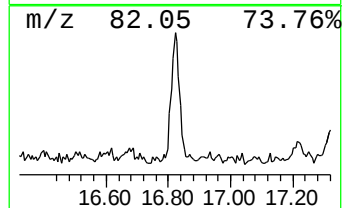
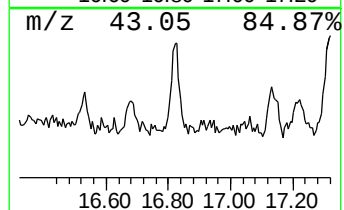
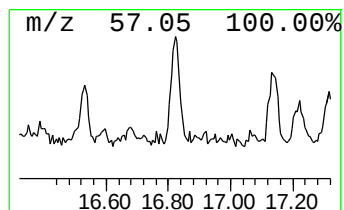
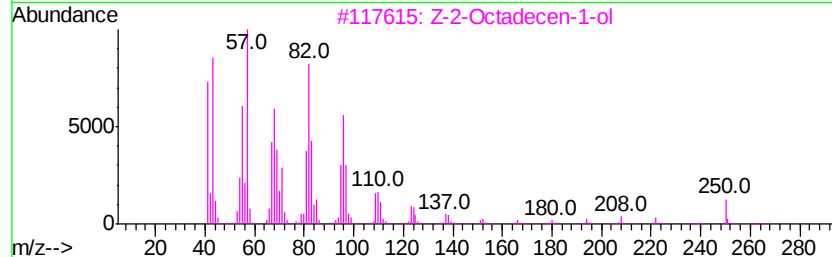
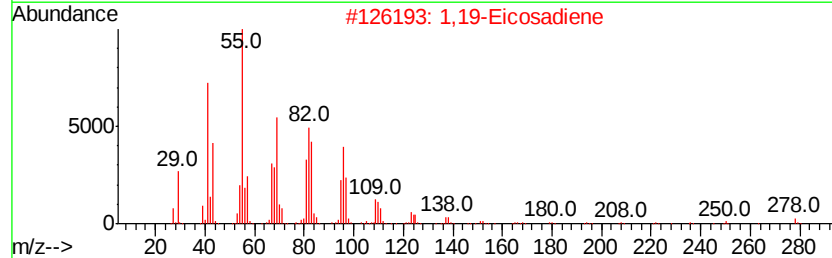
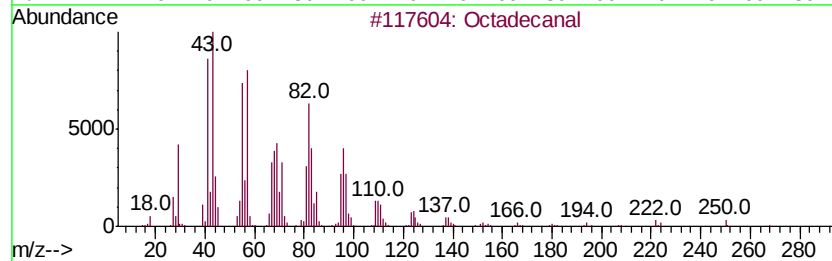
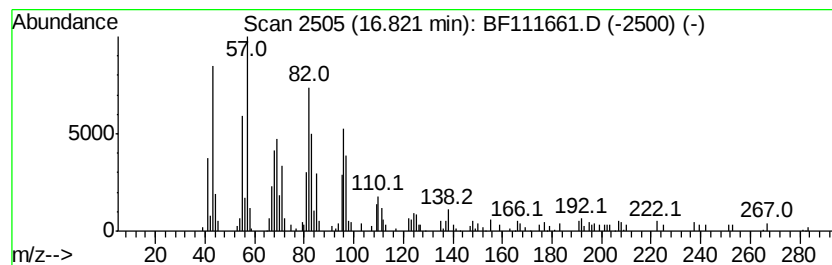
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Octadecanal Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD		R.T.
16.82	4.11 ng	188916	Perylene-d12		15.52
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanal	268	C18H36O	000638-66-4	90
2	1,19-Eicosadiene	278	C20H38	014811-95-1	80
3	Z-2-Octadecen-1-ol	268	C18H36O	1000131-11-0	58
4	1,16-Hexadecanediol	258	C16H34O2	007735-42-4	52
5	Heptadecanal	254	C17H34O	1000376-70-0	49



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122018\
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Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
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ClientSampleId :
P001-SS025-0612-01

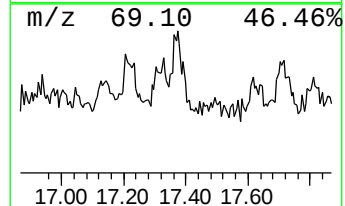
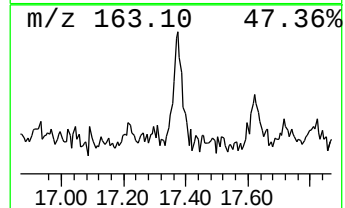
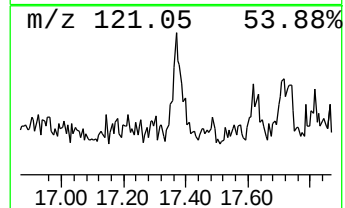
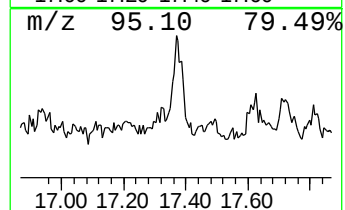
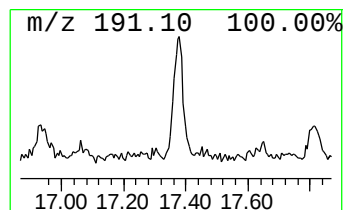
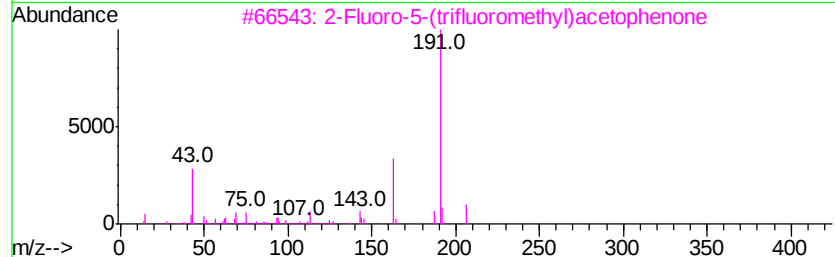
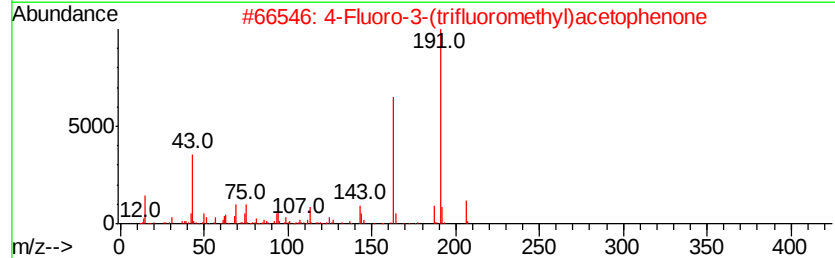
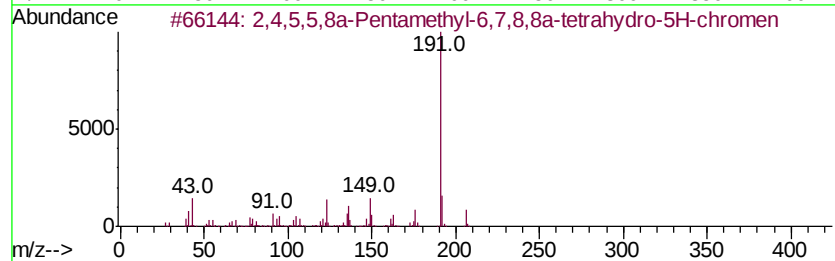
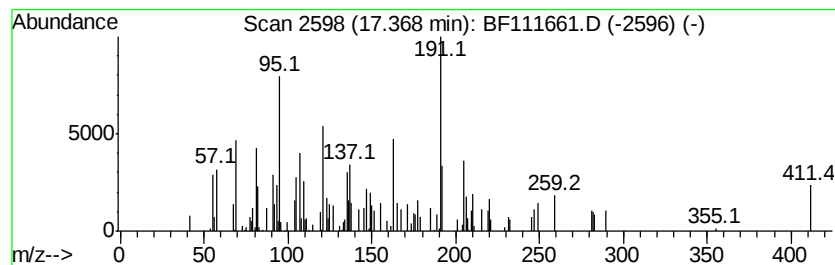
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 unknown17.37 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.37	3.60 ng	165388	Perylene-d12	15.52

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,5,5,8a-Pentamethyl-6,7,8,8a-...	206	C14H22O	1000195-40-9	42		
2	4-Fluoro-3-(trifluoromethyl)acet...	206	C9H6F4O	208173-24-4	38		
3	2-Fluoro-5-(trifluoromethyl)acet...	206	C9H6F4O	202664-53-7	38		
4	2-Fluoro-4-(trifluoromethyl)acet...	206	C9H6F4O	122023-29-4	35		
5	2-Fluoro-3-(trifluoromethyl)acet...	206	C9H6F4O	1000342-40-2	35		



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF122018\
 Data File : BF111661.D
 Acq On : 21 Dec 2018 1:36
 Operator : JU/SJ
 Sample : J6447-07 10X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P001-SS025-0612-01

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

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
unknown6.66	6.66	8.5 ng		510849	1	6.90	1201610	20.0
1,1'-Biphenyl, 2,...	12.54	3.4 ng		195923	4	11.41	1143550	20.0
2,3,3',4,5',6-Hex...	13.37	7.4 ng		517134	5	14.04	1400820	20.0
1,1'-Biphenyl, 2,...	13.59	7.2 ng		506986	5	14.04	1400820	20.0
1,1'-Biphenyl, 2,...	13.69	6.3 ng		444908	5	14.04	1400820	20.0
9-Tricosene, (Z)-	13.89	20.1 ng		1407100	5	14.04	1400820	20.0
2,3,3',4,4',5',6-...	14.30	3.5 ng		241900	5	14.04	1400820	20.0
1-Docosene	14.53	27.2 ng		1903370	5	14.04	1400820	20.0
Sulfurous acid, o...	14.84	4.2 ng		194480	6	15.52	920022	20.0
Heptadecane, 9-oc...	15.18	9.7 ng		444429	6	15.52	920022	20.0
unknown15.20	15.20	11.8 ng		542076	6	15.52	920022	20.0
2-Nonadecanone	15.26	3.5 ng		159224	6	15.52	920022	20.0
Oxirane, hexadecyl-	15.77	6.3 ng		289078	6	15.52	920022	20.0
Tetracosane	16.01	5.2 ng		241142	6	15.52	920022	20.0
1-Heneicosanol	16.06	5.8 ng		266412	6	15.52	920022	20.0
Octadecanal	16.82	4.1 ng		188916	6	15.52	920022	20.0
unknown17.37	17.37	3.6 ng		165388	6	15.52	920022	20.0