

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF122018\
 Data File : BF111662.D
 Acq On : 21 Dec 2018 2:04
 Operator : JU/SJ
 Sample : J6447-08 10X
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P001-SS025-1218-01

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	3.998	319	325	330	rBV	79548	104912	3.53%	0.345%
2	5.510	576	582	585	rBV	516135	507799	17.11%	1.671%
3	6.510	748	752	761	rVB	638096	539692	18.18%	1.776%
4	6.657	774	777	781	rBV	567851	502079	16.91%	1.652%
5	6.898	814	818	821	rBV	1402060	1242050	41.84%	4.087%
6	7.051	840	844	848	rVB	515785	397844	13.40%	1.309%
7	7.445	905	911	916	rBV	378389	302089	10.18%	0.994%
8	8.175	1031	1035	1039	rBV	1752702	1532366	51.62%	5.042%
9	9.251	1214	1218	1221	rBV	686509	547629	18.45%	1.802%
10	9.339	1230	1233	1235	rBV	46803	41678	1.40%	0.137%
11	9.651	1281	1286	1290	rBV2	65448	94662	3.19%	0.311%
12	9.810	1309	1313	1316	rBV	31735	37942	1.28%	0.125%
13	9.933	1330	1334	1337	rVB	1771536	1494306	50.34%	4.917%
14	10.092	1358	1361	1365	rBV	77658	68928	2.32%	0.227%
15	10.710	1463	1466	1476	rBV	304678	270691	9.12%	0.891%
16	10.963	1506	1509	1513	rBV	79310	69226	2.33%	0.228%
17	11.057	1522	1525	1527	rBV	36838	40943	1.38%	0.135%
18	11.121	1533	1536	1539	rVB	81099	68853	2.32%	0.227%
19	11.416	1580	1586	1589	rBV	1378122	1250604	42.13%	4.115%
20	11.468	1590	1595	1600	rVB3	174150	191906	6.46%	0.631%
21	11.533	1600	1606	1610	rBV9	37379	62733	2.11%	0.206%
22	11.574	1610	1613	1618	rVB2	78883	76550	2.58%	0.252%
23	11.639	1622	1624	1628	rVB	93032	78648	2.65%	0.259%
24	11.698	1631	1634	1641	rVB7	31702	40114	1.35%	0.132%
25	11.933	1672	1674	1677	rBV	106982	101514	3.42%	0.334%
26	12.027	1686	1690	1694	rVB4	70262	73148	2.46%	0.241%
27	12.068	1694	1697	1700	rBV3	60458	71305	2.40%	0.235%
28	12.115	1703	1705	1712	rVV6	36106	54017	1.82%	0.178%
29	12.198	1715	1719	1721	rBV3	50759	64031	2.16%	0.211%
30	12.221	1721	1723	1726	rVB3	34855	38034	1.28%	0.125%
31	12.304	1735	1737	1740	rVB3	40730	30872	1.04%	0.102%
32	12.363	1745	1747	1752	rVB5	31425	32598	1.10%	0.107%
33	12.457	1760	1763	1767	rBV3	45115	44310	1.49%	0.146%
34	12.504	1767	1771	1773	rVV2	39199	54159	1.82%	0.178%

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 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	12.545	1773	1778	1782	rVB3	257741	321438	10.83%	1.058%
36	12.680	1797	1801	1805	rBV	169629	156744	5.28%	0.516%
37	12.721	1805	1808	1812	rVB	279173	230256	7.76%	0.758%
38	12.886	1832	1836	1839	rVB3	28139	43702	1.47%	0.144%
39	12.939	1842	1845	1848	rVB4	41853	37389	1.26%	0.123%
40	12.992	1851	1854	1860	rVB	585145	588242	19.82%	1.935%
41	13.092	1868	1871	1874	rBV	221347	188691	6.36%	0.621%
42	13.121	1874	1876	1882	rVB3	105329	124912	4.21%	0.411%
43	13.186	1883	1887	1893	rBV2	587940	722282	24.33%	2.377%
44	13.233	1893	1895	1899	rVV	164954	157313	5.30%	0.518%
45	13.268	1899	1901	1907	rVV7	62381	89565	3.02%	0.295%
46	13.321	1907	1910	1912	rVV3	102618	99216	3.34%	0.326%
47	13.374	1915	1919	1922	rVV	723140	595919	20.07%	1.961%
48	13.404	1922	1924	1929	rVV2	162432	156531	5.27%	0.515%
49	13.445	1929	1931	1933	rVV	63168	55071	1.86%	0.181%
50	13.480	1933	1937	1940	rVB2	246550	266711	8.98%	0.878%
51	13.545	1945	1948	1950	rBV3	71735	86554	2.92%	0.285%
52	13.586	1950	1955	1960	rVV2	414380	556943	18.76%	1.833%
53	13.627	1960	1962	1964	rVV2	57959	44407	1.50%	0.146%
54	13.692	1970	1973	1978	rVB	485448	391795	13.20%	1.289%
55	13.733	1978	1980	1987	rVB2	186511	200444	6.75%	0.660%
56	13.798	1989	1991	1994	rVB4	54710	45409	1.53%	0.149%
57	13.827	1994	1996	2001	rVB4	50255	47989	1.62%	0.158%
58	13.892	2002	2007	2015	rBV3	1488828	2168568	73.05%	7.135%
59	13.957	2015	2018	2023	rVB4	86366	101379	3.42%	0.334%
60	14.021	2026	2029	2030	rBV2	84241	78679	2.65%	0.259%
61	14.045	2030	2033	2036	rVV	1453251	1306924	44.03%	4.300%
62	14.086	2036	2040	2043	rVV	655678	617851	20.81%	2.033%
63	14.109	2043	2044	2048	rVB4	51138	49672	1.67%	0.163%
64	14.215	2059	2062	2067	rBV3	140683	215026	7.24%	0.708%
65	14.262	2067	2070	2073	rVB2	79426	90342	3.04%	0.297%
66	14.298	2073	2076	2080	rBV	272726	290283	9.78%	0.955%
67	14.339	2080	2083	2087	rBV2	258240	287512	9.69%	0.946%
68	14.392	2090	2092	2094	rVV	150950	116258	3.92%	0.383%
69	14.421	2094	2097	2104	rVB8	58181	74348	2.50%	0.245%
70	14.527	2111	2115	2121	rBV	2983402	2968593	100.00%	9.768%
71	14.580	2121	2124	2127	rVV	96327	102133	3.44%	0.336%

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72	14.615	2128	2130	2133	rVB3	57984	42979	1.45%	0.141%
73	14.645	2133	2135	2141	rVB5	73715	86148	2.90%	0.283%
74	14.709	2144	2146	2148	rVB2	44858	32664	1.10%	0.107%
75	14.762	2152	2155	2157	rVB	113369	90026	3.03%	0.296%
76	14.839	2165	2168	2176	rVB3	161488	289301	9.75%	0.952%
77	14.980	2188	2192	2197	rVB	322608	342761	11.55%	1.128%
78	15.180	2222	2226	2228	rBV	604204	819807	27.62%	2.697%
79	15.256	2236	2239	2251	rVB	155778	241065	8.12%	0.793%
80	15.351	2252	2255	2261	rVB3	83061	100654	3.39%	0.331%
81	15.521	2279	2284	2288	rBV	767471	896115	30.19%	2.948%
82	15.562	2288	2291	2295	rVB2	62219	76562	2.58%	0.252%
83	15.768	2322	2326	2330	rBV	284387	396148	13.34%	1.303%
84	16.015	2363	2368	2372	rBV	270977	407615	13.73%	1.341%
85	16.056	2372	2375	2382	rVB	211972	293643	9.89%	0.966%
86	16.133	2384	2388	2392	rVB	157328	209776	7.07%	0.690%
87	16.180	2393	2396	2405	rVB4	94692	177970	6.00%	0.586%
88	16.256	2406	2409	2410	rBV3	63970	64276	2.17%	0.211%
89	16.827	2501	2506	2512	rBV5	117064	213966	7.21%	0.704%
90	17.321	2584	2590	2595	rBV	132287	299577	10.09%	0.986%
91	17.627	2636	2642	2648	rBV8	95937	222870	7.51%	0.733%
92	17.721	2652	2658	2668	rVB7	204767	511734	17.24%	1.684%
93	17.968	2693	2700	2707	rBV5	154788	369575	12.45%	1.216%
94	18.356	2763	2766	2773	rVB6	82873	159236	5.36%	0.524%
95	18.444	2775	2781	2790	rVV9	95208	244507	8.24%	0.805%

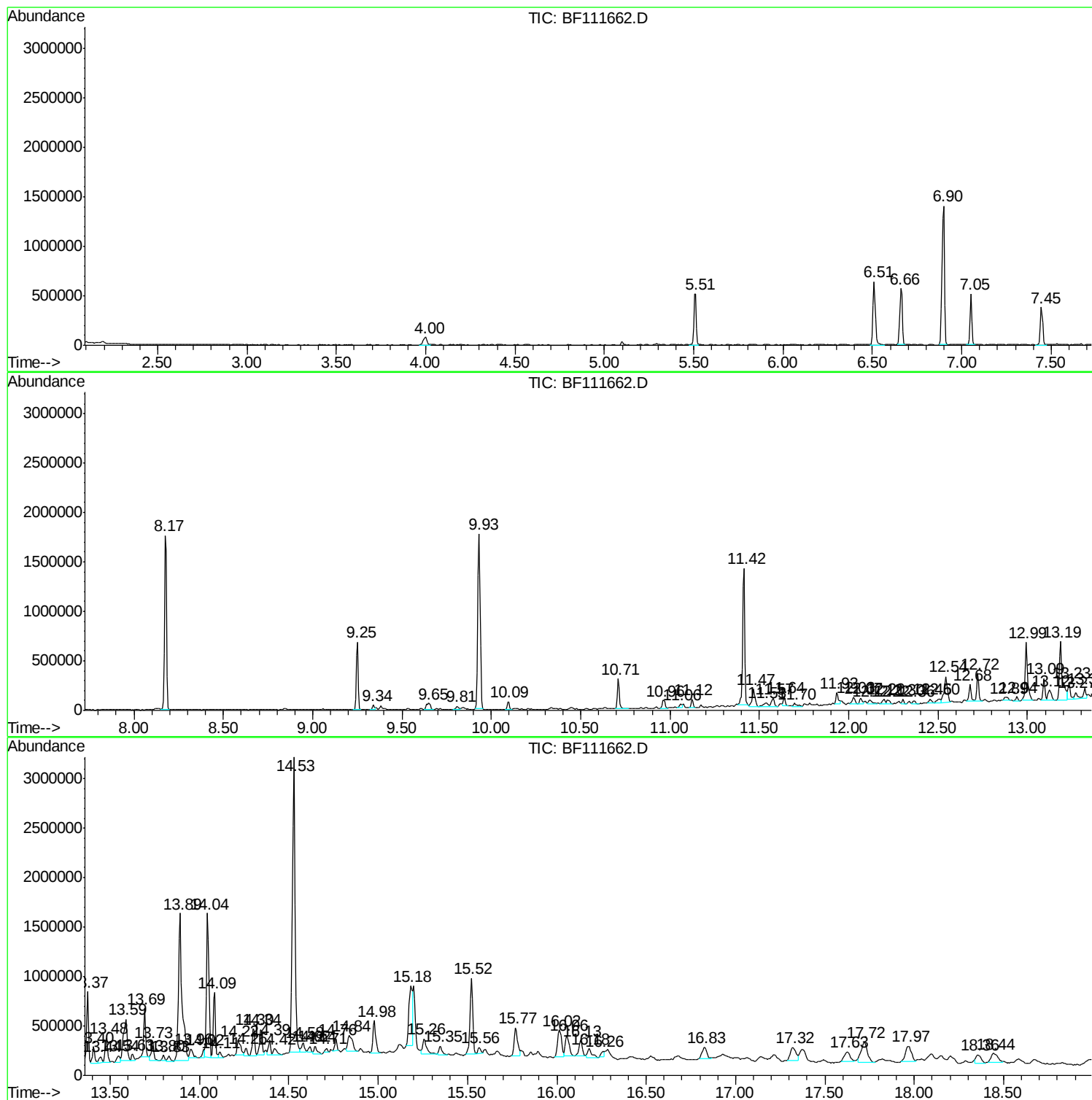
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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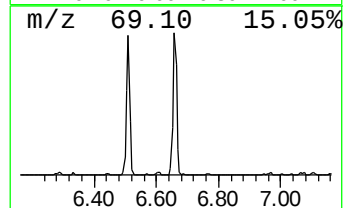
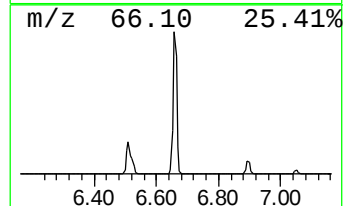
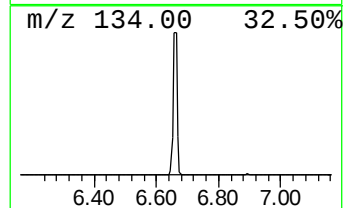
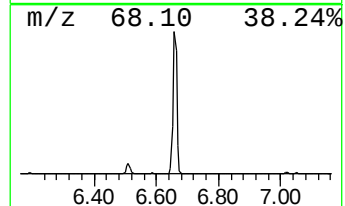
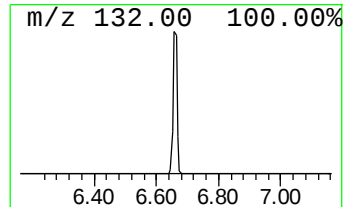
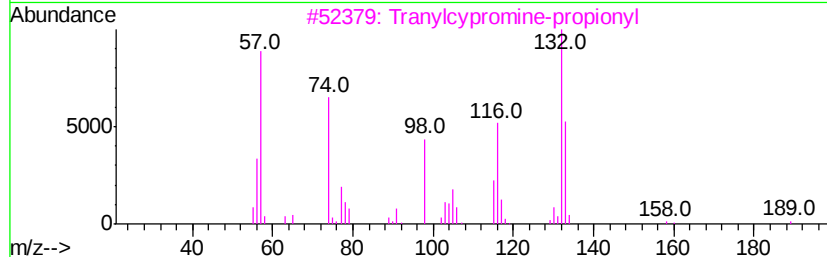
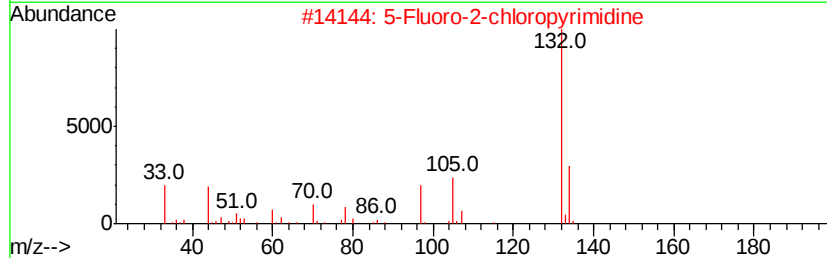
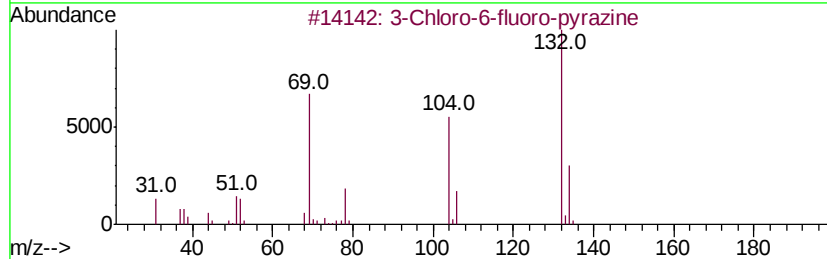
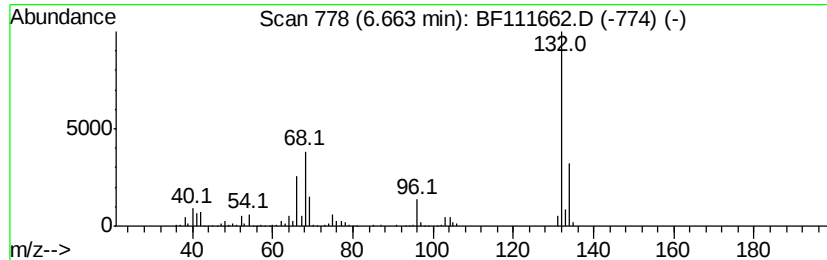
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown6.66 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.66	8.08 ng	502079	1,4-Dichlorobenzene-d4	6.90

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine			132	C4H2ClFN2	1000146-10-7	27
2	5-Fluoro-2-chloropyrimidine			132	C4H2ClFN2	062802-42-0	12
3	Tranvlcvpromine-propionvl			189	C12H15NO	1000123-86-3	10
4	(5-Methyl-2-pyridyl)acetonitrile			132	C8H8N2	1000241-93-9	10
5	Bicyclo[4.2.0]octa-1,3,5-triene,...			132	C10H12	028749-81-7	9



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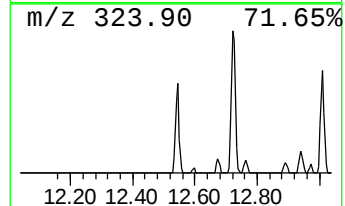
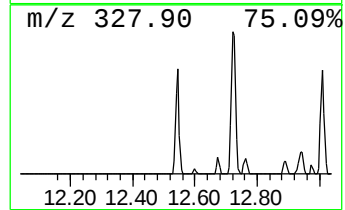
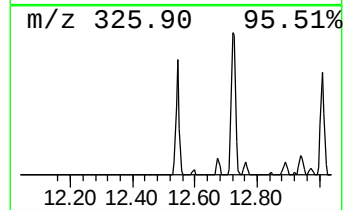
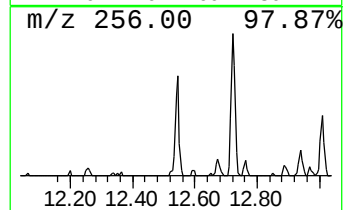
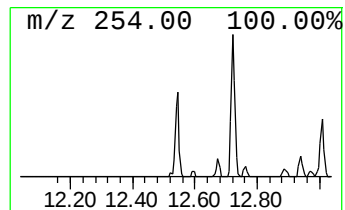
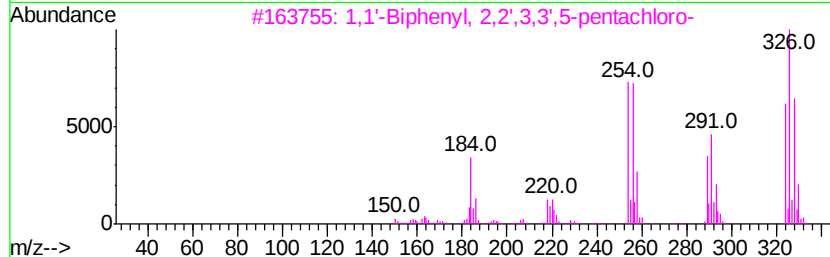
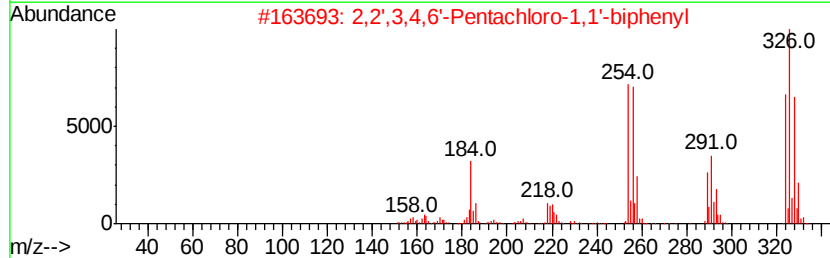
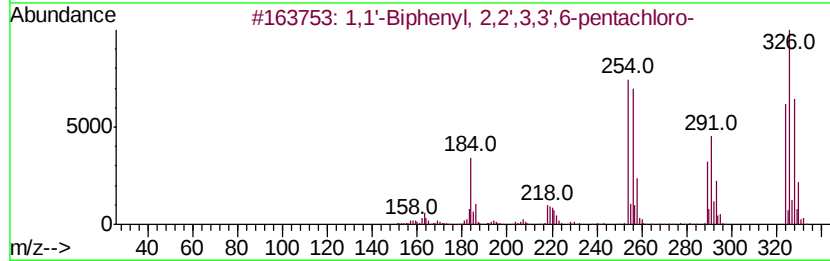
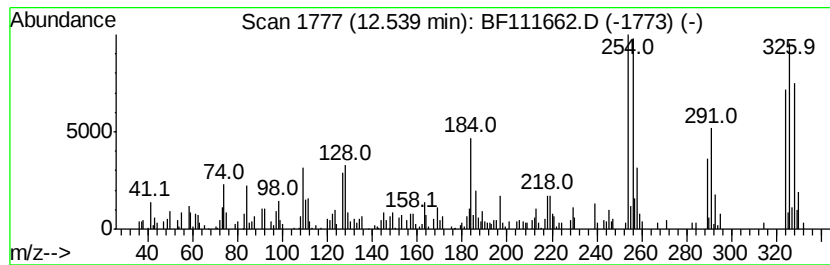
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Peak Number 3 1,1'-Biphenyl, 2,2',3,3',6-... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.54	5.14 ng	321438	Phenanthrene-d10	11.42	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',3,3',6-penta...	324	C12H5Cl5	052663-60-2	99
2	2,2',3,4,6'-Pentachloro-1,1'-bip...	324	C12H5Cl5	073575-57-2	99
3	1,1'-Biphenyl, 2,2',3,3',5-penta...	324	C12H5Cl5	060145-20-2	99
4	1,1'-Biphenyl, 2,3,3',4,4'-penta...	324	C12H5Cl5	032598-14-4	99
5	1,1'-Biphenyl, 2,3,3',4,6-Pentac...	324	C12H5Cl5	074472-35-8	99



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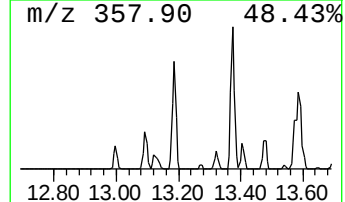
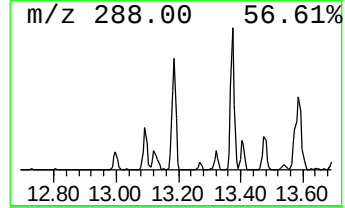
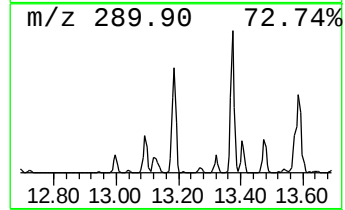
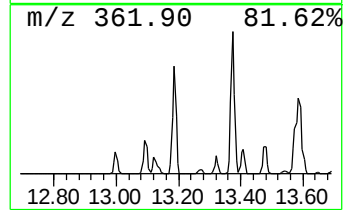
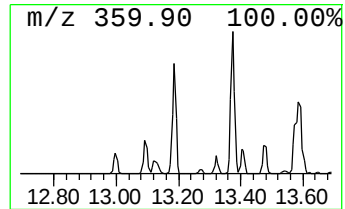
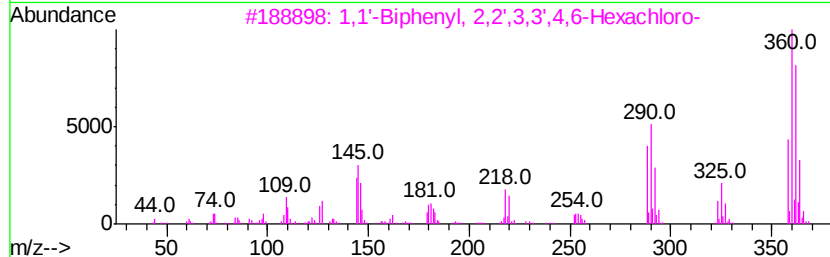
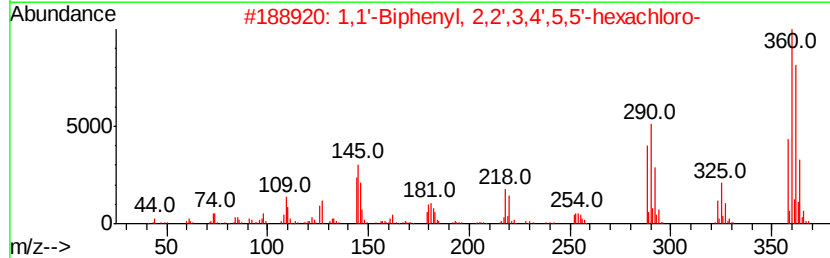
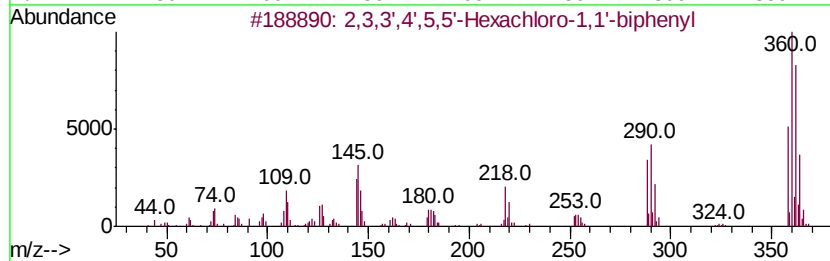
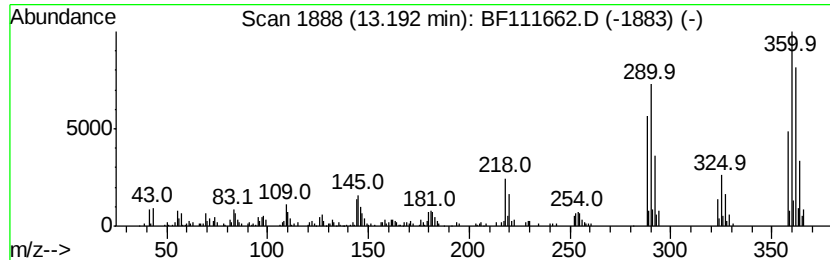
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Peak Number 4 2,3,3',4',5,5'-Hexachloro-1... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.19	11.05 ng	722282	Chrysene-d12	14.04	
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, 2,2',3,4',5,5'-he...	358	C12H4Cl6	051908-16-8	99
3	1,1'-Biphenyl, 2,2',3,3',4,6-Hex...	358	C12H4Cl6	061798-70-7	99
4	1,1'-Biphenyl, 2,2',3,5,5',6-hex...	358	C12H4Cl6	052663-63-5	99
5	1,1'-Biphenyl, 2,2',3,4,4',5-hex...	358	C12H4Cl6	035694-06-5	99



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122018\
Data File : BF111662.D
Acq On : 21 Dec 2018 2:04
Operator : JU/SJ
Sample : J6447-08 10X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
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ClientSampleId :
P001-SS025-1218-01

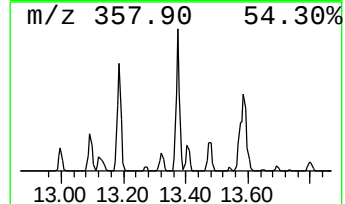
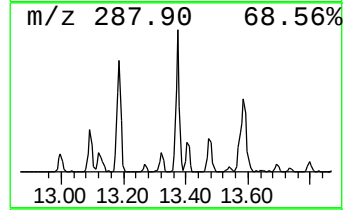
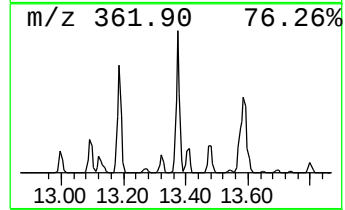
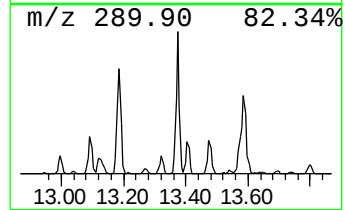
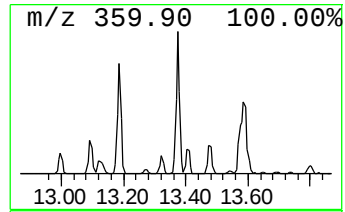
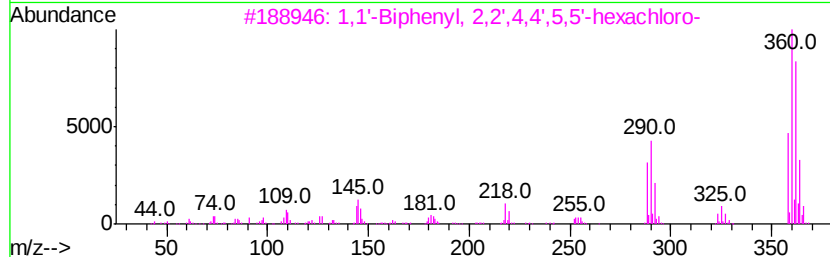
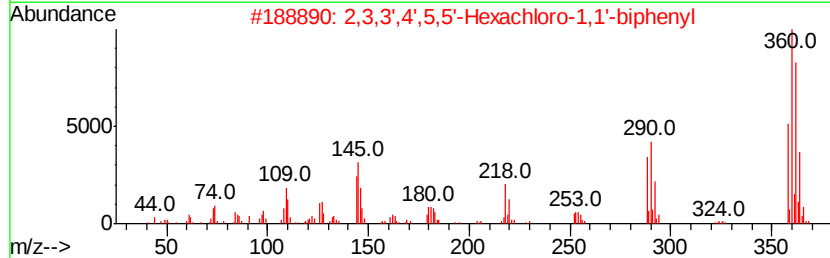
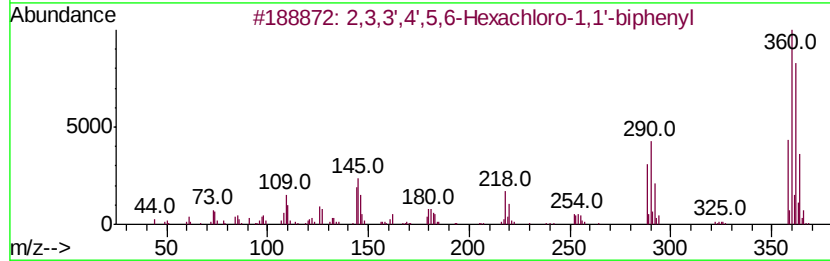
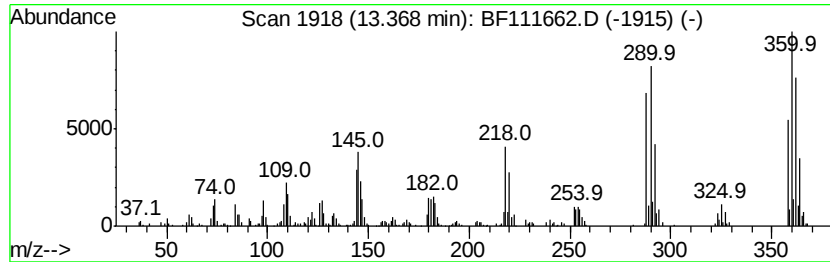
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.37	9.12 ng	595919	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	074472-44-9	99
2		2,3,3',4',5,5'-Hexachloro-1,1'-b...	358	C12H4Cl6	039635-34-2	99
3		1,1'-Biphenyl, 2,2',4,4',5,5'-he...	358	C12H4Cl6	035065-27-1	99
4		1,1'-Biphenyl, 2,3',4,4',5,5'-he...	358	C12H4Cl6	052663-72-6	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 : BF111662.D
Acq On : 21 Dec 2018 2:04
Operator : JU/SJ
Sample : J6447-08 10X
Misc :
ALS Vial : 23 Sample Multiplier: 1

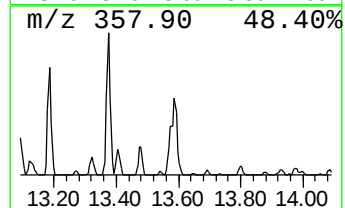
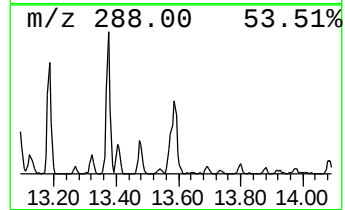
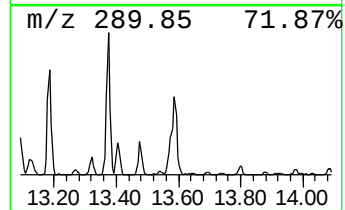
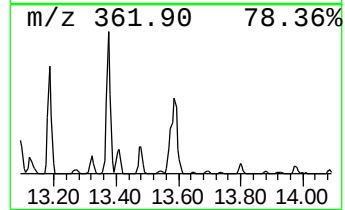
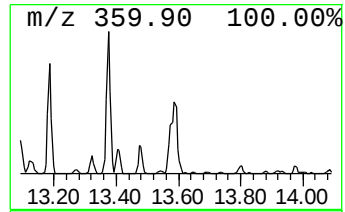
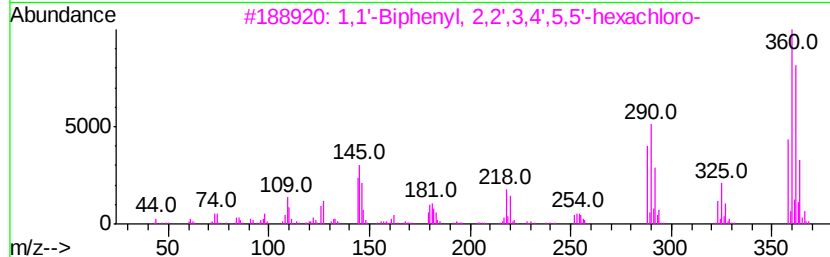
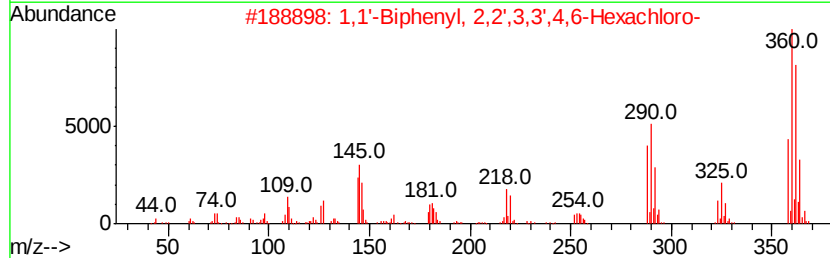
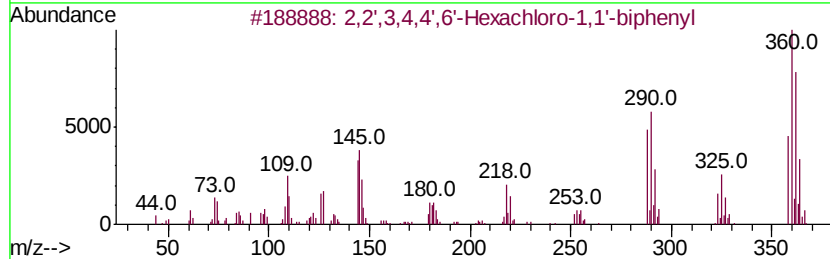
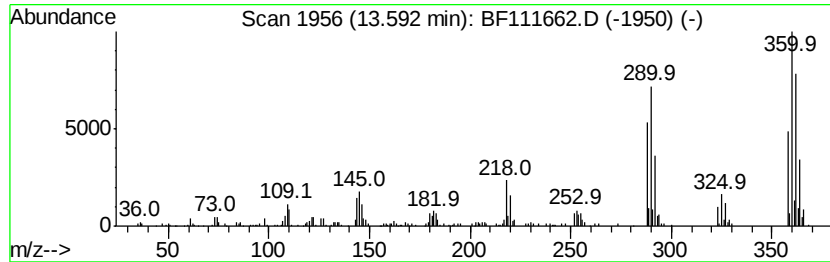
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ClientSampleId :
P001-SS025-1218-01

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 6 2,2',3,4,4',6'-Hexachloro-1... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.		
13.59	8.52 ng	556943	Chrysene-d12	14.04		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2',3,4,4',6'-Hexachloro-1,1'-b...	358	C12H4Cl6	059291-64-4	99	
2	1,1'-Biphenyl, 2,2',3,3',4,6-Hex...	358	C12H4Cl6	061798-70-7	99	
3	1,1'-Biphenyl, 2,2',3,4',5,5'-he...	358	C12H4Cl6	051908-16-8	99	
4	2,3',4,4',5',6-Hexachloro-1,1'-b...	358	C12H4Cl6	059291-65-5	99	
5	1,1'-Biphenyl, 2,2',3,4',5',6-he...	358	C12H4Cl6	038380-04-0	99	



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122018\
Data File : BF111662.D
Acq On : 21 Dec 2018 2:04
Operator : JU/SJ
Sample : J6447-08 10X
Misc :
ALS Vial : 23 Sample Multiplier: 1

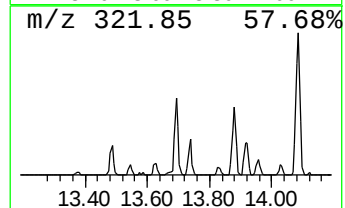
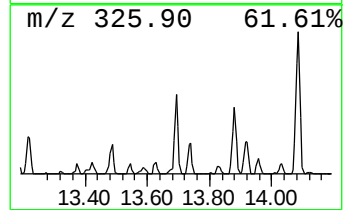
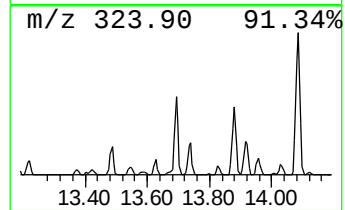
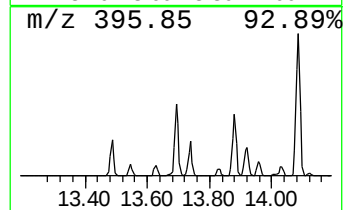
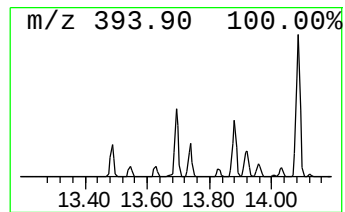
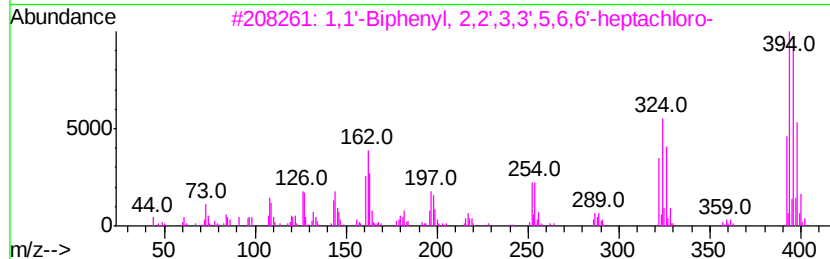
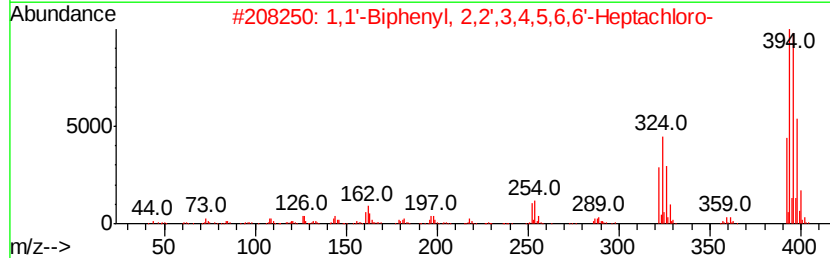
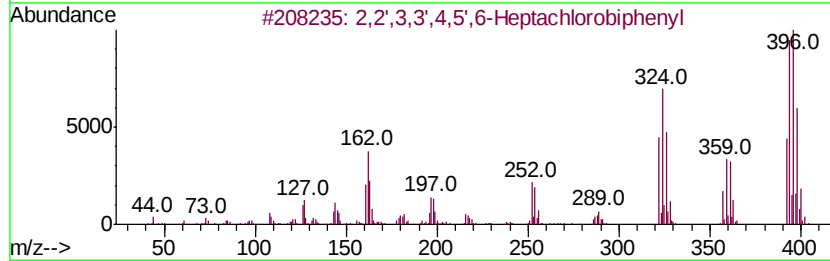
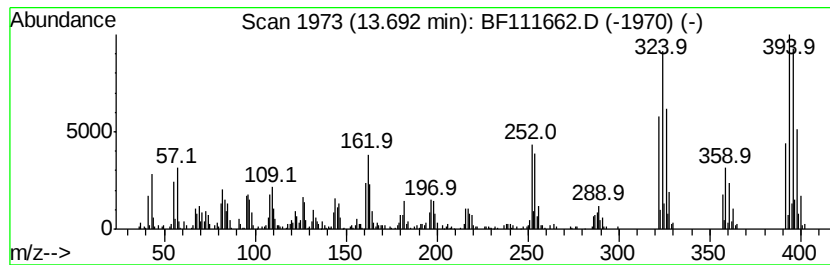
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ClientSampleId :
P001-SS025-1218-01

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

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

Peak Number 7 2,2',3,3',4,5',6-Heptachlor... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.69	6.00 ng	391795	Chrysene-d12	14.04	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2',3,3',4,5',6-Heptachlorobiph...	392	C12H3Cl7	040186-70-7	99
2	1,1'-Biphenyl, 2,2',3,4,5,6,6'-H...	392	C12H3Cl7	074472-49-4	99
3	1,1'-Biphenyl, 2,2',3,3',5,6,6'-...	392	C12H3Cl7	052663-64-6	99
4	2,2',3,4,4',6,6'-Heptachloro-1,1...	392	C12H3Cl7	074472-48-3	99
5	1,1'-Biphenyl, 2,2',3,3',4,6,6'-...	392	C12H3Cl7	052663-65-7	99



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122018\
Data File : BF111662.D
Acq On : 21 Dec 2018 2:04
Operator : JU/SJ
Sample : J6447-08 10X
Misc :
ALS Vial : 23 Sample Multiplier: 1

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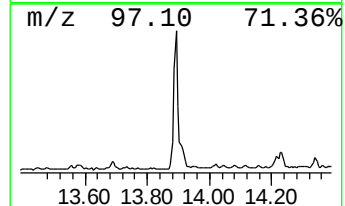
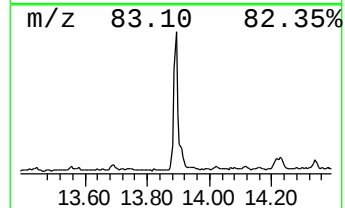
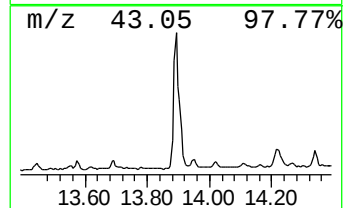
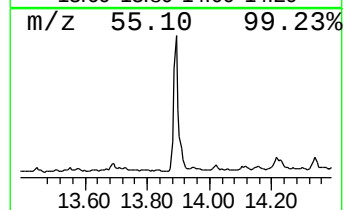
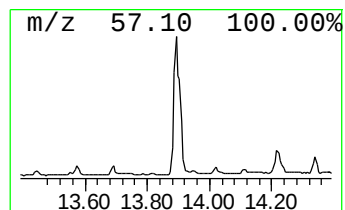
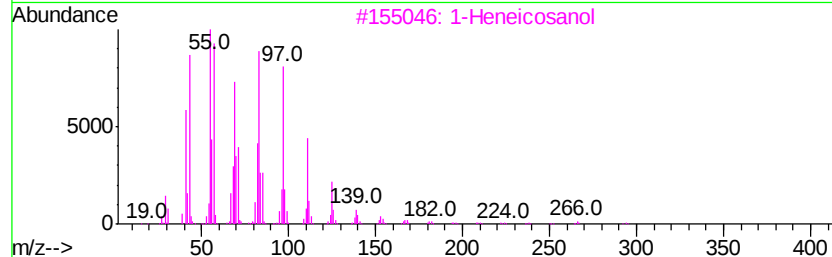
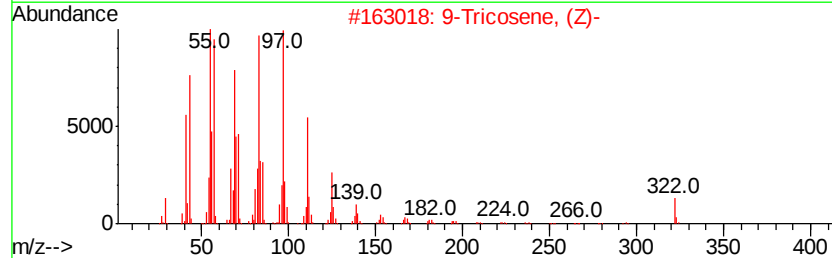
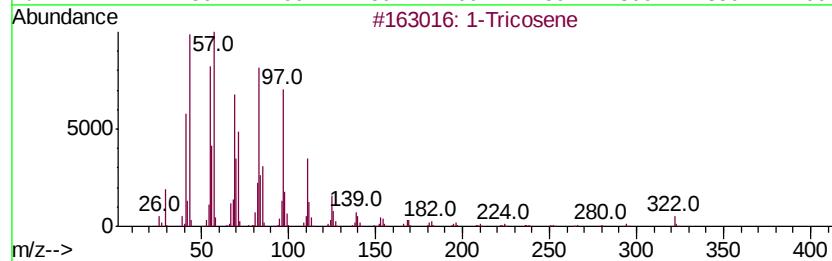
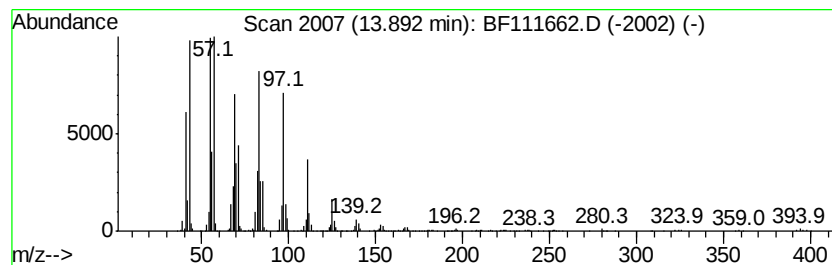
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 1-Tricosene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.89	33.19 ng	2168570	Chrysene-d12	14.04

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Tricosene		322	C23H46	018835-32-0	98
2	9-Tricosene, (Z)-		322	C23H46	027519-02-4	96
3	1-Heneicosanol		312	C21H44O	015594-90-8	95
4	1-Heneicosyl formate		340	C22H44O2	077899-03-7	94
5	Trichloroacetic acid, hexadecyl ...		386	C18H33Cl3O2	074339-54-1	94



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122018\
Data File : BF111662.D
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Sample : J6447-08 10X
Misc :
ALS Vial : 23 Sample Multiplier: 1

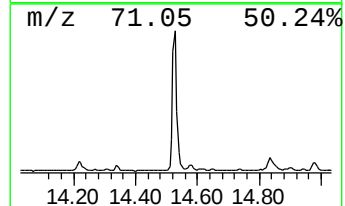
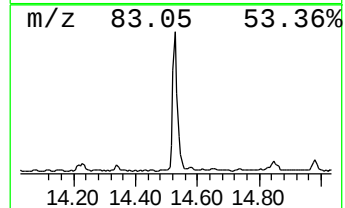
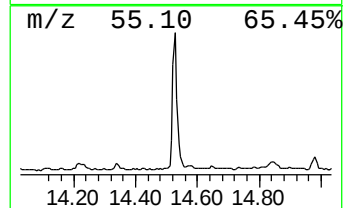
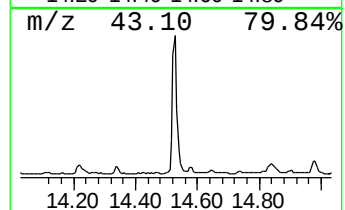
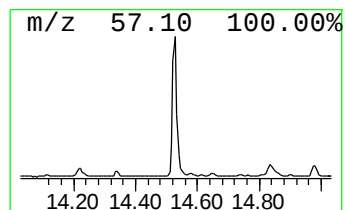
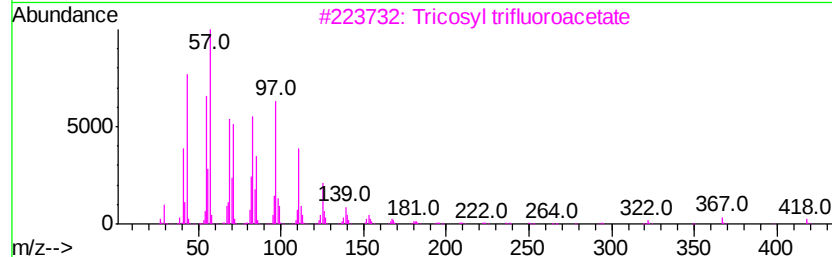
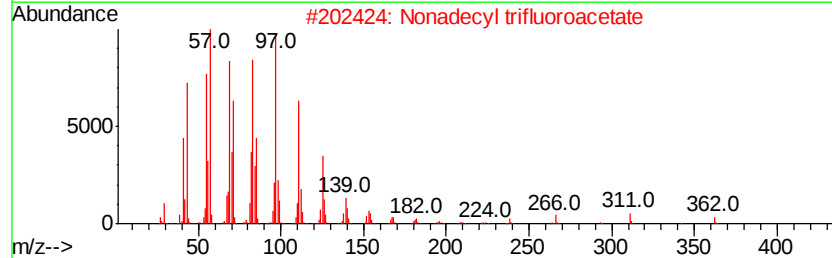
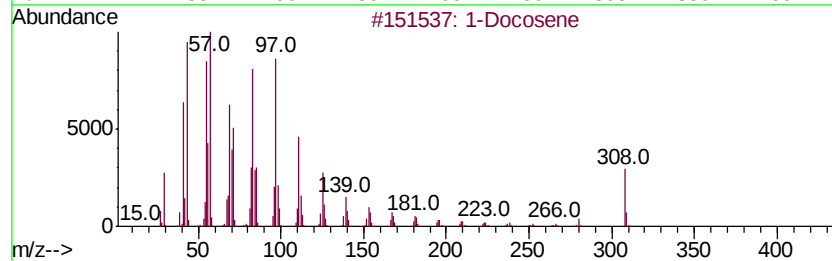
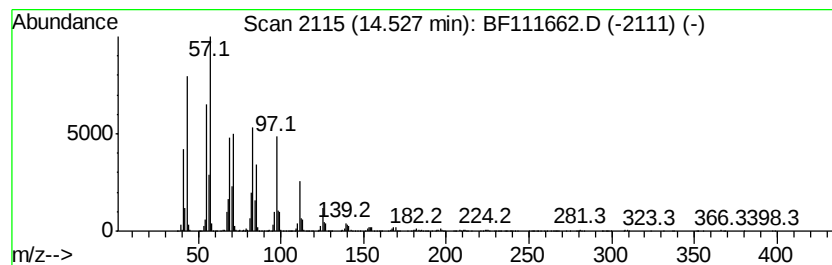
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 1-Docosene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD		R.T.		
14.53	45.43 ng	2968590	Chrysene-d12		14.04		
Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Docosene	308	C22H44	001599-67-3	95
2			Nonadecyl trifluoroacetate	380	C21H39F3O2	1000351-76-3	91
3			Tricosyl trifluoroacetate	436	C25H47F3O2	1000351-75-1	91
4			Docosyl trifluoroacetate	422	C24H45F3O2	1000351-75-5	91
5			Eicosyl pentafluoropropionate	444	C23H41F5O2	1000351-80-8	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122018\
Data File : BF111662.D
Acq On : 21 Dec 2018 2:04
Operator : JU/SJ
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Misc :
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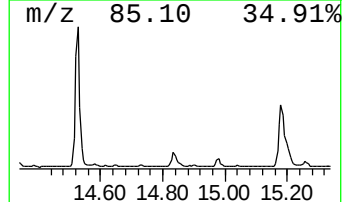
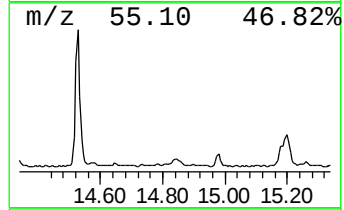
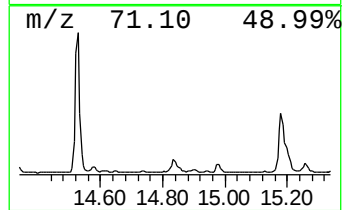
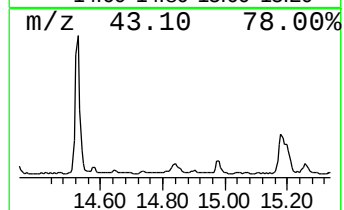
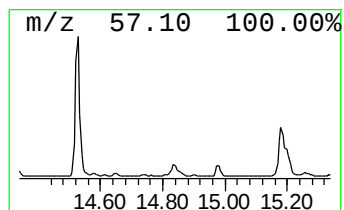
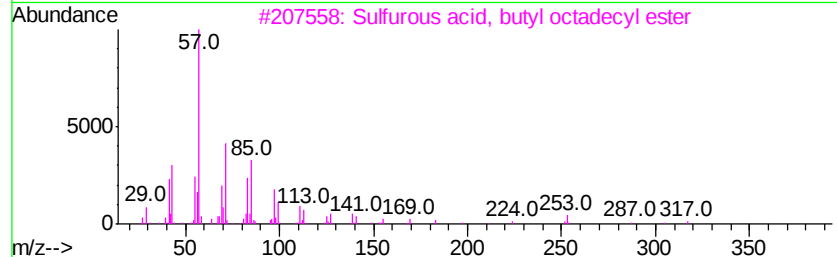
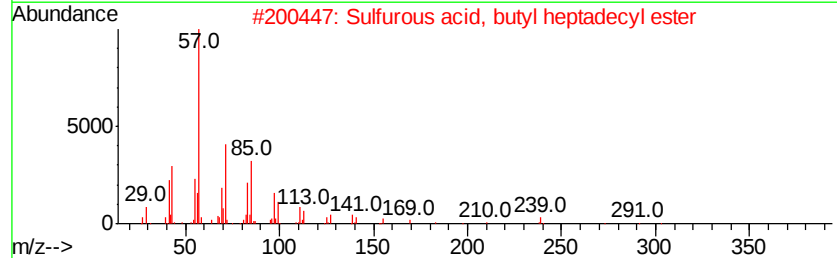
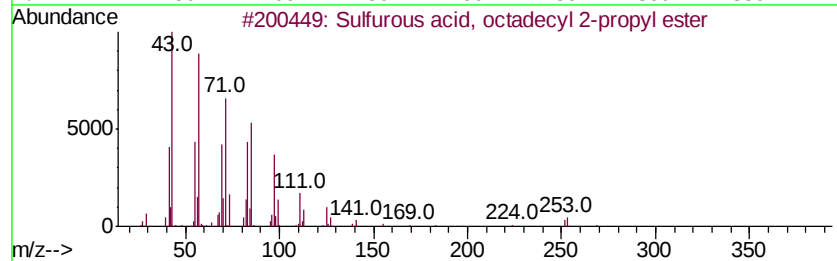
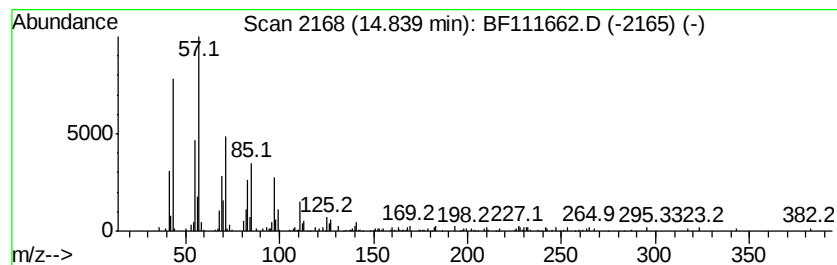
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Sulfurous acid, octadecyl 2... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.84	6.46 ng	289301	Perylene-d12	15.52

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Sulfurous acid, octadecyl 2-prop...	376	C21H44O3S	1000309-12-7	83
2			Sulfurous acid, butyl heptadecyl...	376	C21H44O3S	1000309-18-4	80
3			Sulfurous acid, butyl octadecyl ...	390	C22H46O3S	1000309-18-5	80
4			Oxalic acid, isobutyl hexadecyl ...	370	C22H42O4	1000309-38-1	72
5			Tetradecane, 1-chloro-	232	C14H29Cl	002425-54-9	68



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122018\
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Misc :
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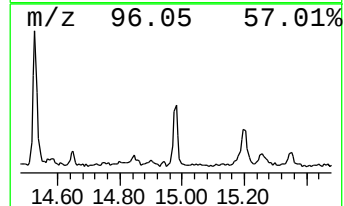
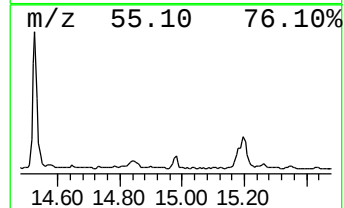
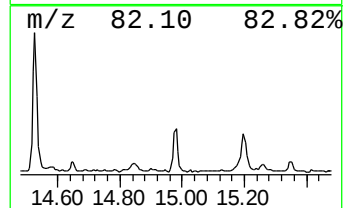
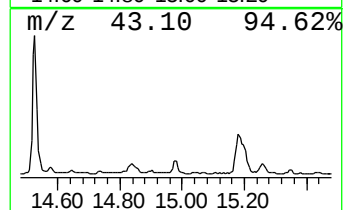
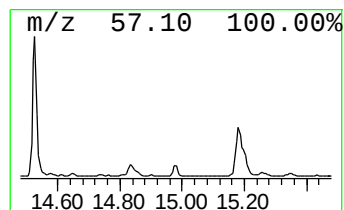
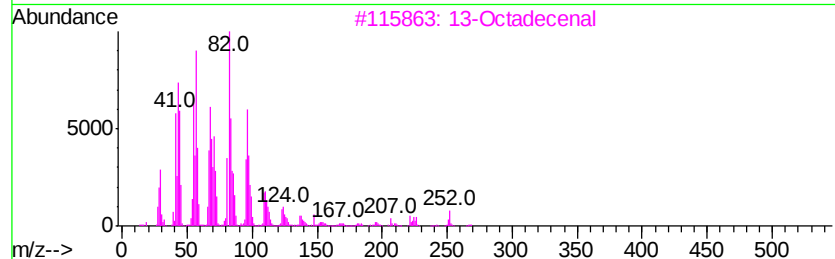
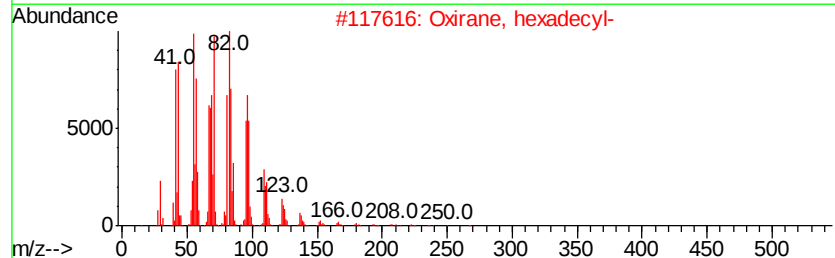
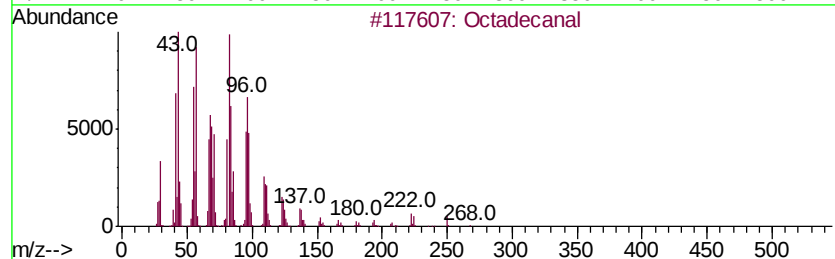
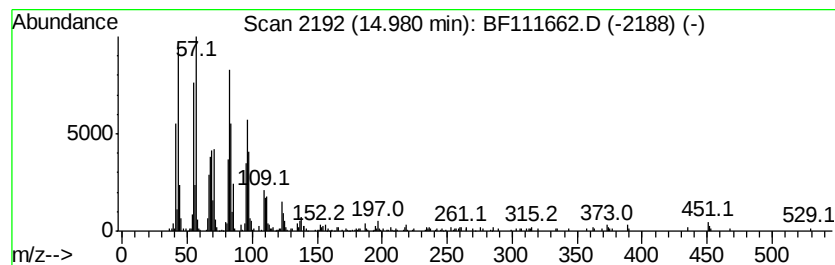
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ClientSampleId :
P001-SS025-1218-01

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 11 Octadecanal Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.	
14.98	7.65 ng	342761	Perylene-d12	15.52	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanal	268	C18H36O	000638-66-4	91
2	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	87
3	13-Octadecenal	266	C18H34O	056554-90-6	86
4	1,19-Eicosadiene	278	C20H38	014811-95-1	76
5	Oxirane, heptadecyl-	282	C19H38O	067860-04-2	68



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122018\
Data File : BF111662.D
Acq On : 21 Dec 2018 2:04
Operator : JU/SJ
Sample : J6447-08 10X
Misc :
ALS Vial : 23 Sample Multiplier: 1

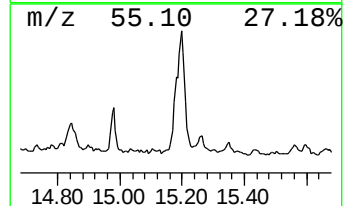
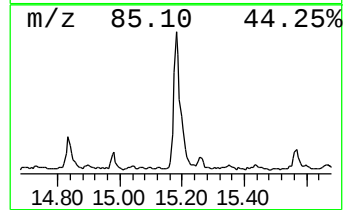
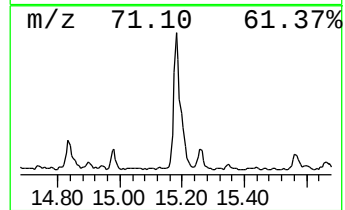
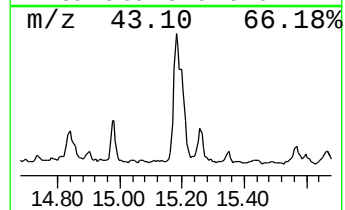
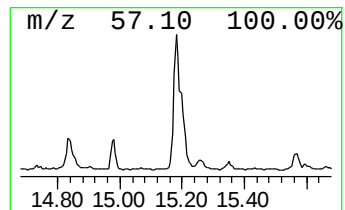
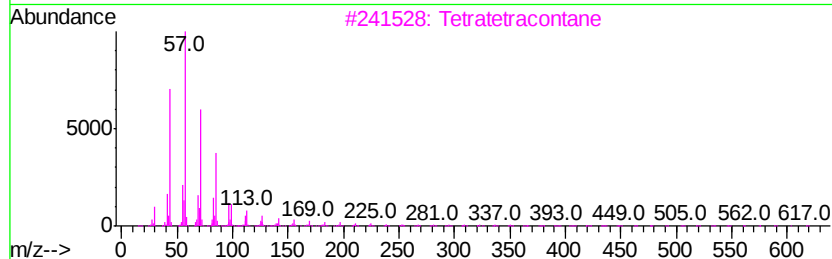
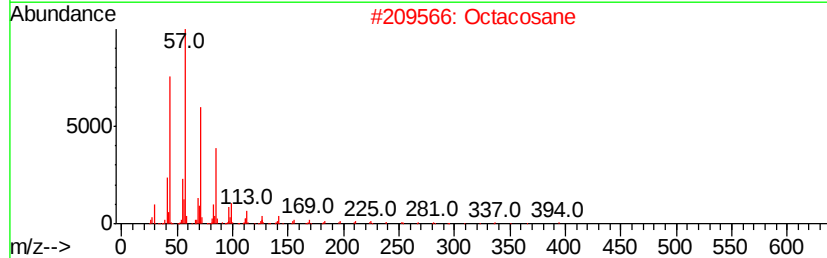
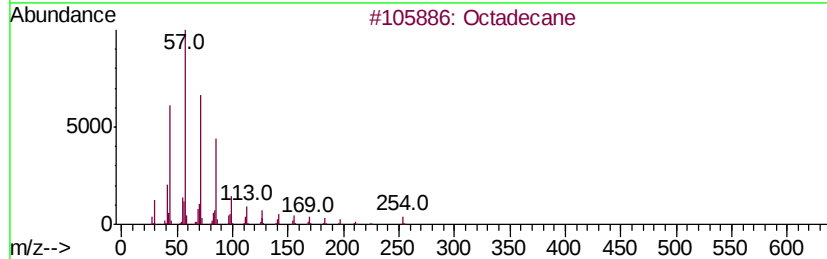
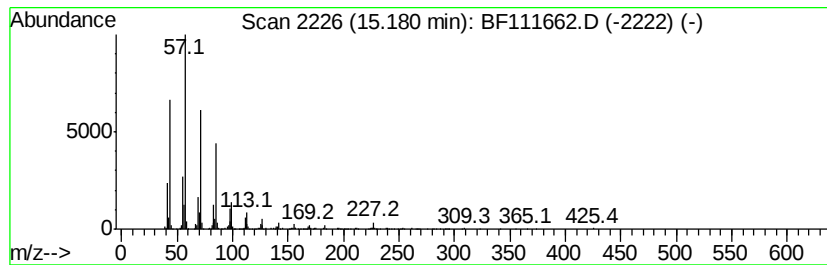
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Octadecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD		R.T.		
15.18	18.30 ng	819807	Perylene-d12		15.52		
Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecane	254	C18H38	000593-45-3	95
2			Octacosane	394	C28H58	000630-02-4	90
3			Tetratetracontane	619	C44H90	007098-22-8	90
4			Hexatriacontane	507	C36H74	000630-06-8	90
5			Heneicosane	296	C21H44	000629-94-7	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122018\
Data File : BF111662.D
Acq On : 21 Dec 2018 2:04
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Sample : J6447-08 10X
Misc :
ALS Vial : 23 Sample Multiplier: 1

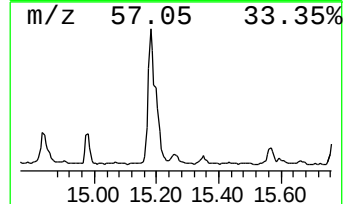
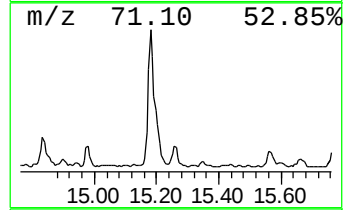
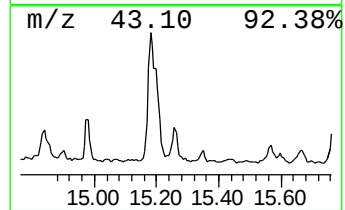
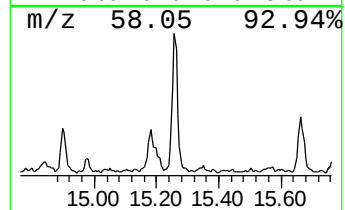
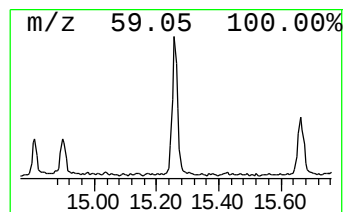
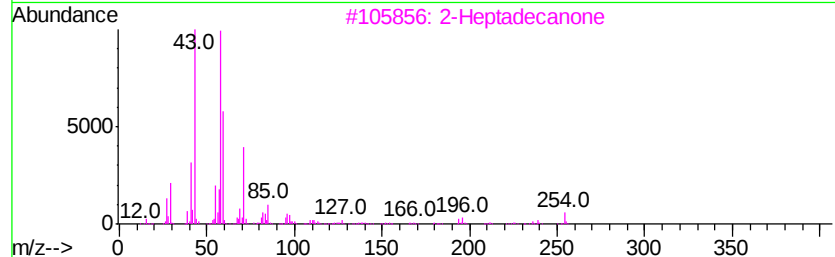
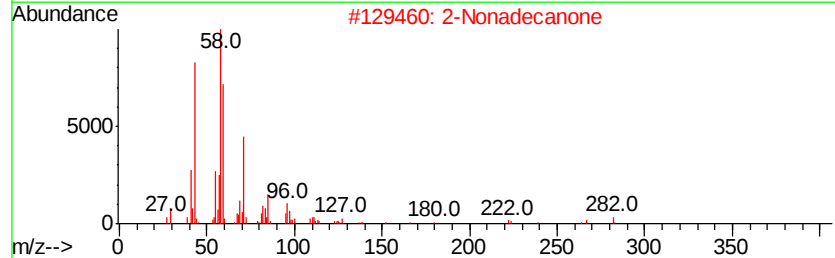
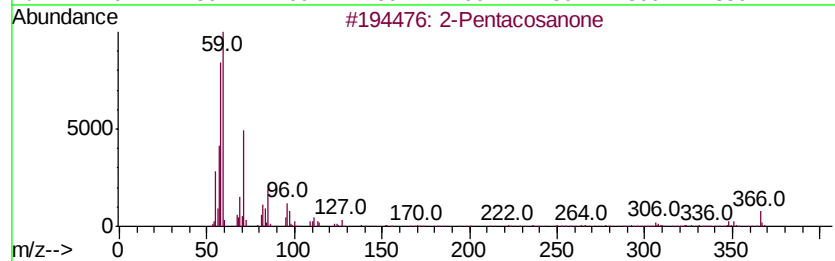
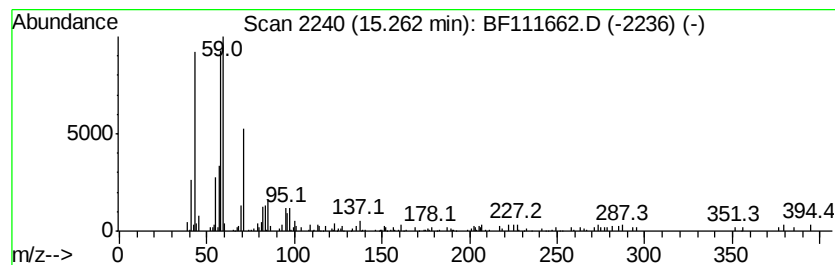
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 2-Pentacosanone Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD		R.T.
15.26	5.38 ng	241065	Perylene-d12		15.52
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentacosanone	366	C25H50O	075207-54-4	91
2	2-Nonadecanone	282	C19H38O	000629-66-3	72
3	2-Heptadecanone	254	C17H34O	002922-51-2	59
4	2-Pentadecanone	226	C15H30O	002345-28-0	53
5	Oxirane, tetramethyl-	100	C6H12O	005076-20-0	52



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122018\
Data File : BF111662.D
Acq On : 21 Dec 2018 2:04
Operator : JU/SJ
Sample : J6447-08 10X
Misc :
ALS Vial : 23 Sample Multiplier: 1

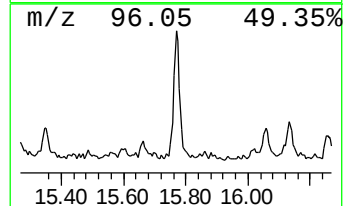
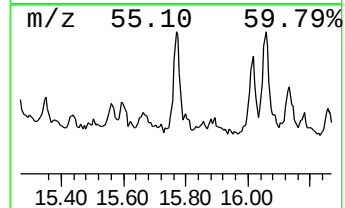
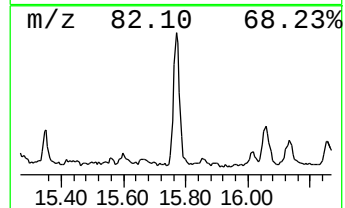
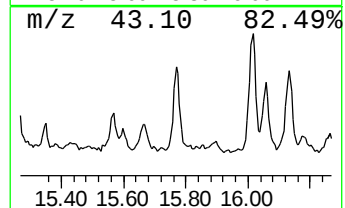
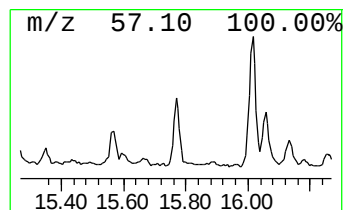
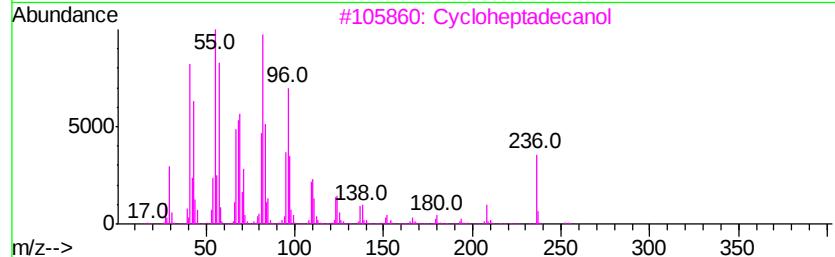
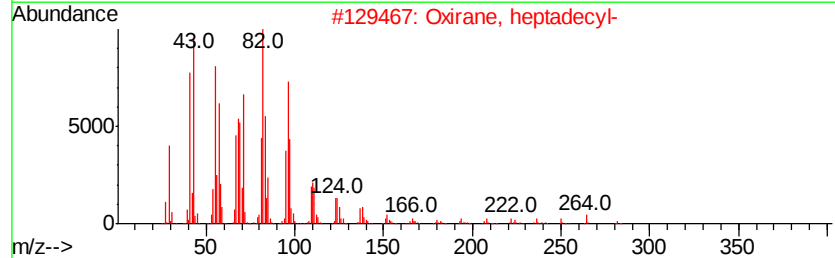
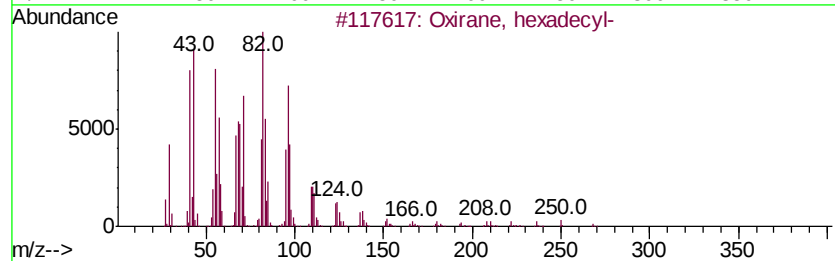
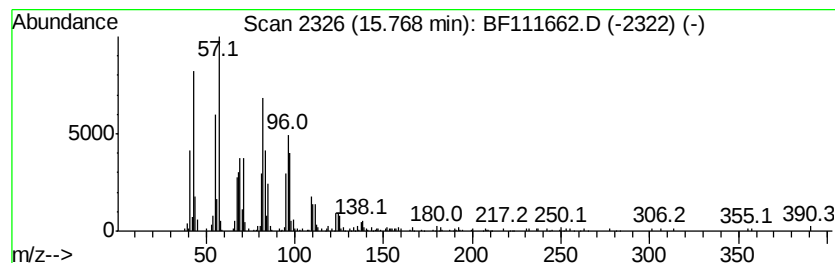
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Oxirane, hexadecyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.	
15.77	8.84 ng	396148	Perylene-d12	15.52	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	91
2	Oxirane, heptadecyl-	282	C19H38O	067860-04-2	87
3	Cycloheptadecanol	254	C17H34O	004429-77-0	87
4	Octadecanal	268	C18H36O	000638-66-4	83
5	1,21-Docosadiene	306	C22H42	053057-53-7	83



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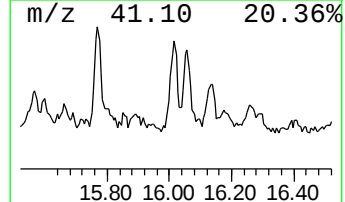
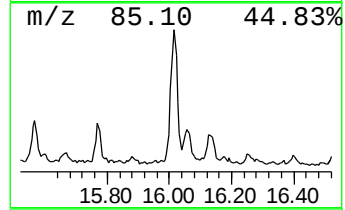
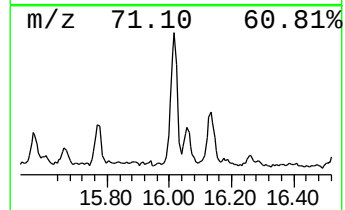
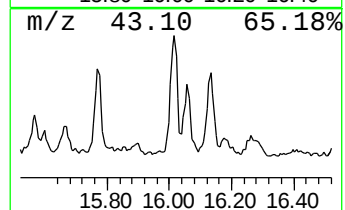
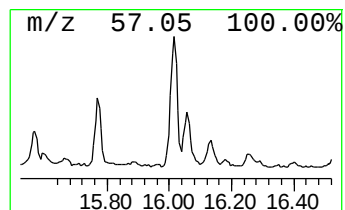
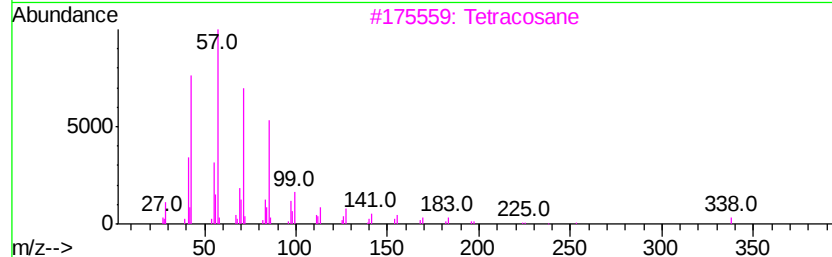
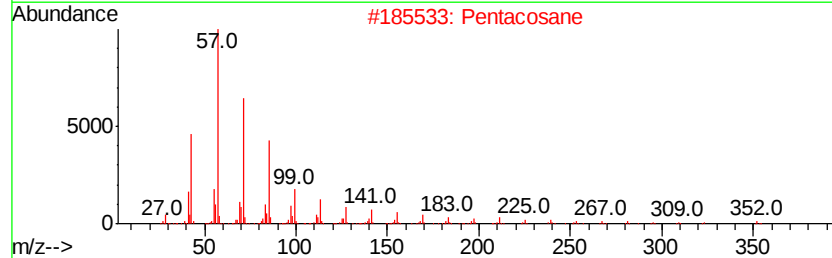
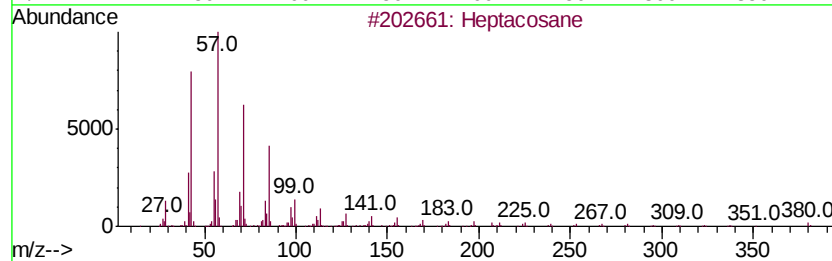
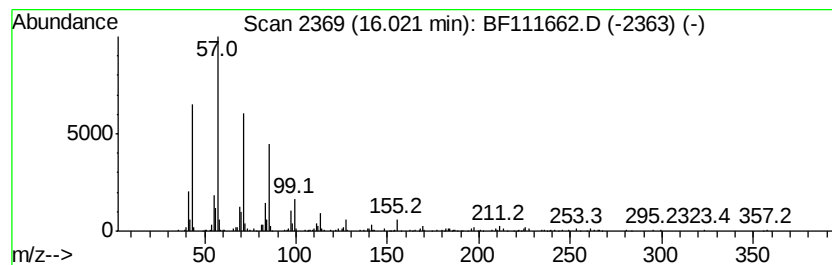
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Heptacosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.	
16.02	9.10 ng	407615	Perylene-d12	15.52	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	91
2	Pentacosane	352	C25H52	000629-99-2	91
3	Tetracosane	338	C24H50	000646-31-1	91
4	Docosane	310	C22H46	000629-97-0	91
5	Tetratetracontane	619	C44H90	007098-22-8	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122018\
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Sample : J6447-08 10X
Misc :
ALS Vial : 23 Sample Multiplier: 1

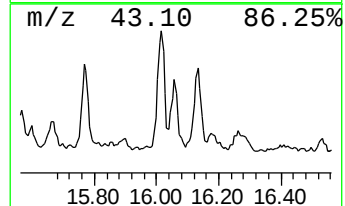
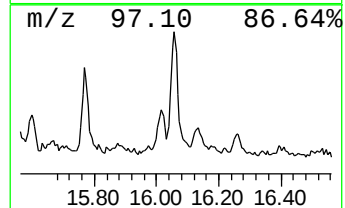
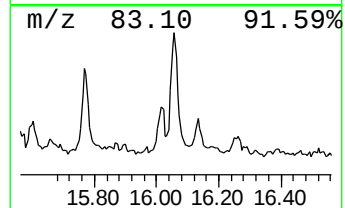
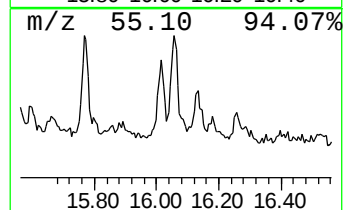
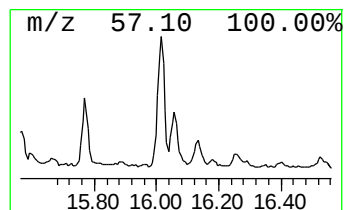
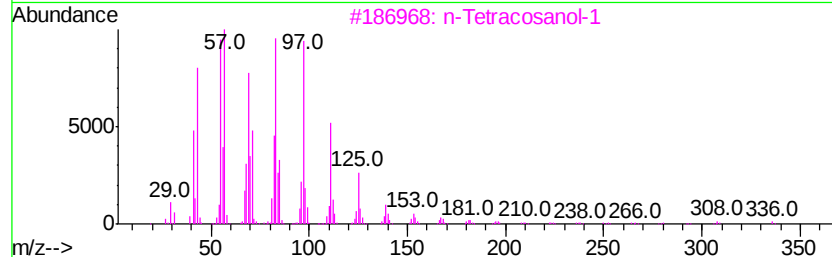
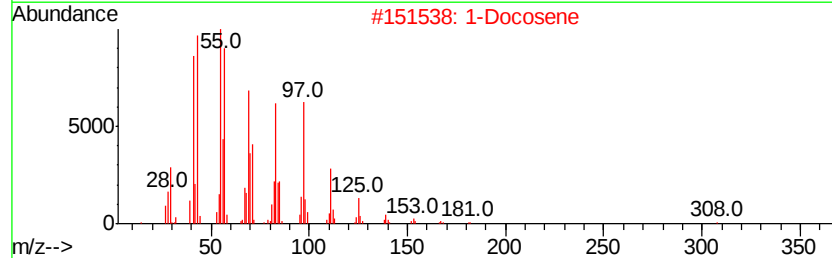
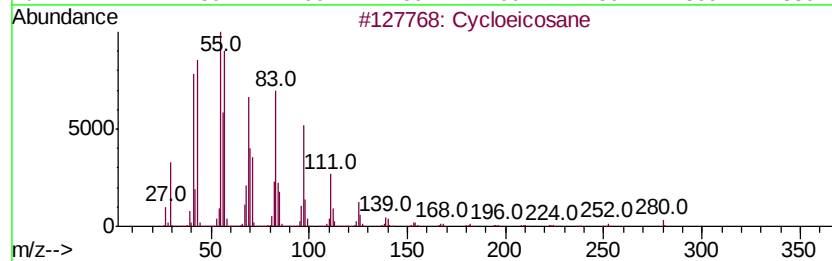
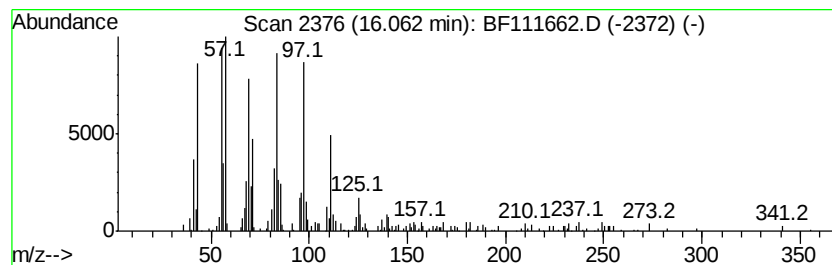
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Cycloeicosane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.	
16.06	6.55 ng	293643	Perylene-d12	15.52	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cvcloeicosane	280	C20H40	000296-56-0	91
2	1-Docosene	308	C22H44	001599-67-3	91
3	n-Tetracosanol-1	354	C24H50O	000506-51-4	87
4	Octacosyl acetate	452	C30H60O2	018206-97-8	81
5	1-Heptacosanol	396	C27H56O	002004-39-9	81



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122018\
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Acq On : 21 Dec 2018 2:04
Operator : JU/SJ
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Misc :
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Instrument :
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ClientSampleId :
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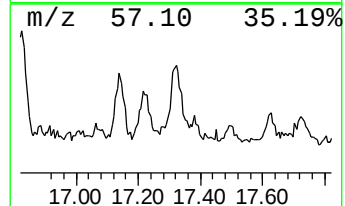
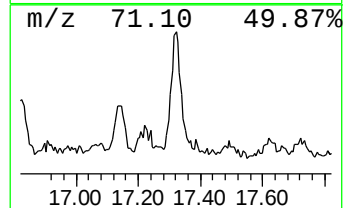
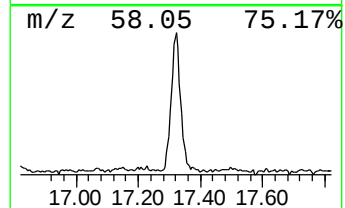
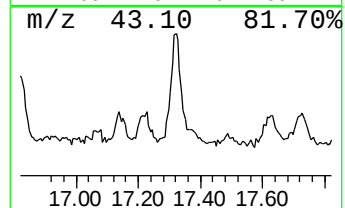
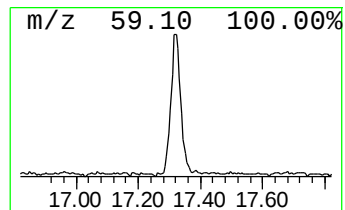
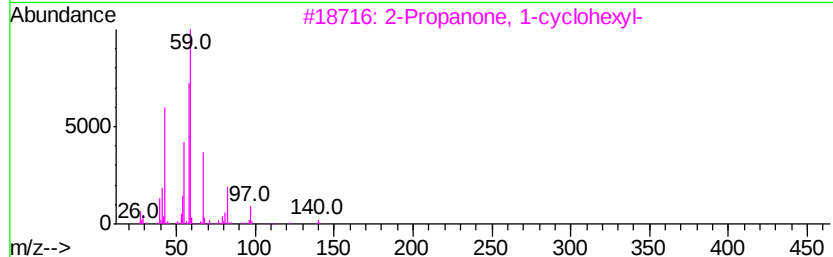
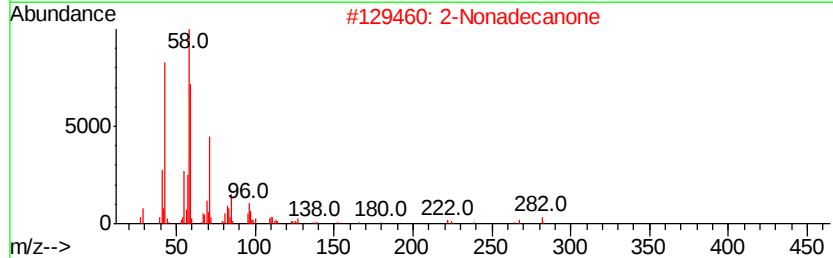
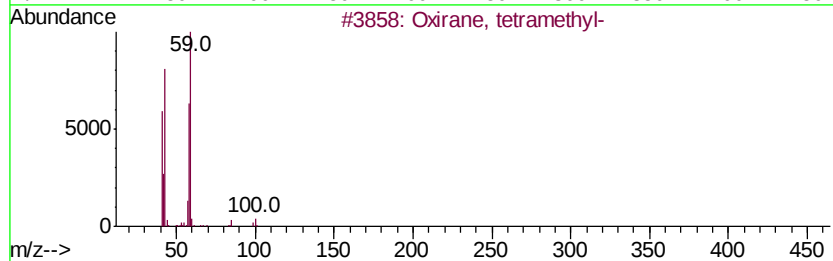
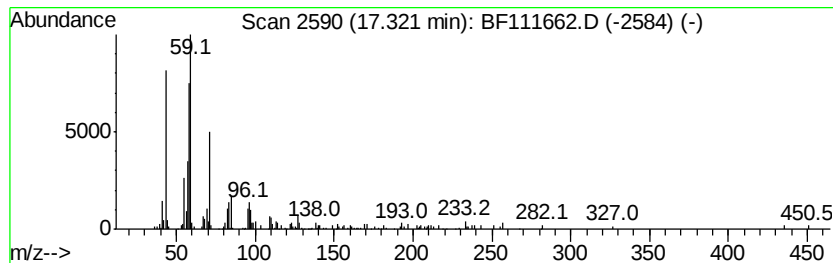
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Oxirane, tetramethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.32	6.69 ng	299577	Perylene-d12	15.52

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Oxirane, tetramethyl-	100	C6H12O	005076-20-0	52
2			2-Nonadecanone	282	C19H38O	000629-66-3	52
3			2-Propanone, 1-cyclohexyl-	140	C9H16O	000103-78-6	42
4			2-Tetradecanone	212	C14H28O	002345-27-9	40
5			Octanal, 7-hydroxy-3,7-dimethyl-	172	C10H20O2	000107-75-5	38



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122018\
Data File : BF111662.D
Acq On : 21 Dec 2018 2:04
Operator : JU/SJ
Sample : J6447-08 10X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
P001-SS025-1218-01

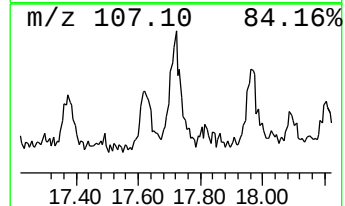
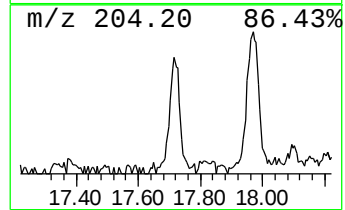
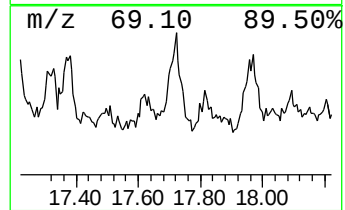
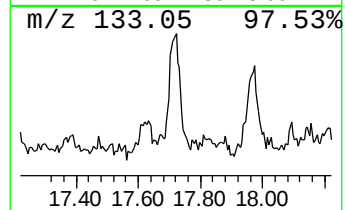
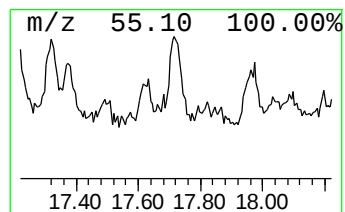
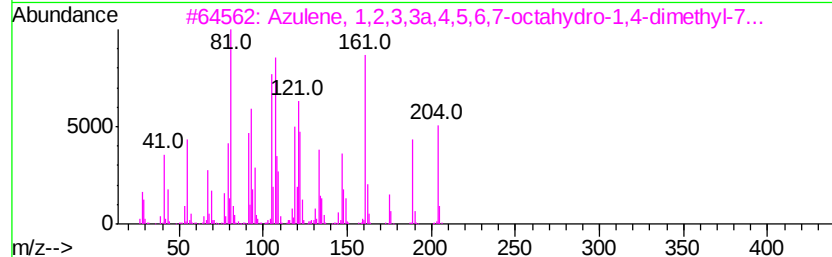
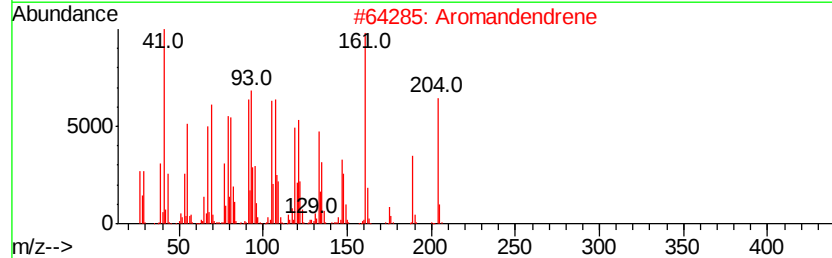
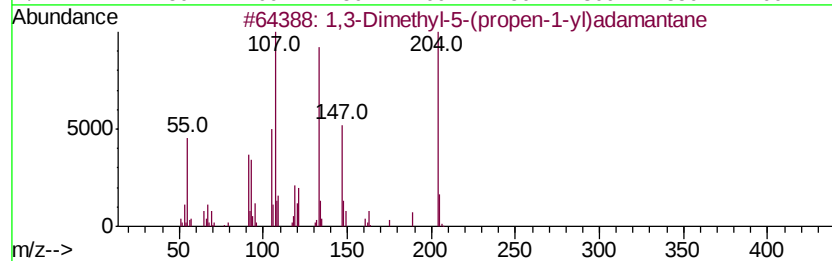
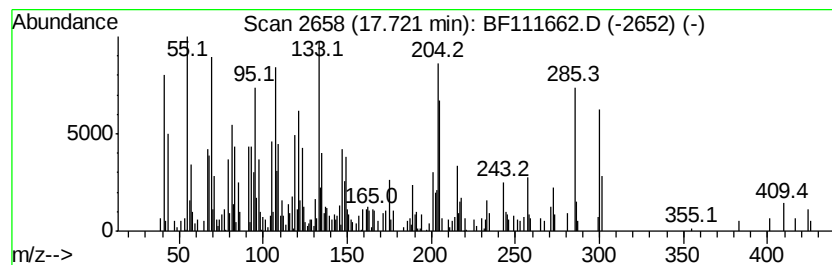
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 unknown17.72 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.72	11.42 ng	511734	Perylene-d12	15.52

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,3-Dimethyl-5-(propen-1-yl)adam...	204	C15H24	057040-48-9	45
2		Aromandendrene	204	C15H24	000489-39-4	42
3		Azulene, 1,2,3,3a,4,5,6,7-octahv...	204	C15H24	022567-17-5	30
4		Naphthalene, decahydro-4a-methyl...	204	C15H24	017066-67-0	27
5		1,1,4a-Trimethyl-5,6-dimethylene...	204	C15H24	1000193-60-8	25



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122018\
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Acq On : 21 Dec 2018 2:04
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Sample : J6447-08 10X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
P001-SS025-1218-01

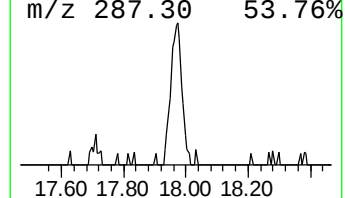
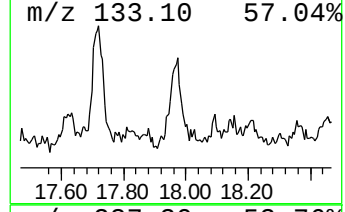
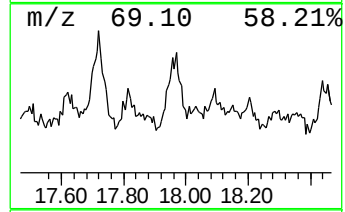
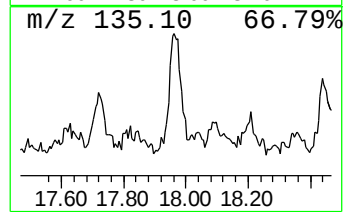
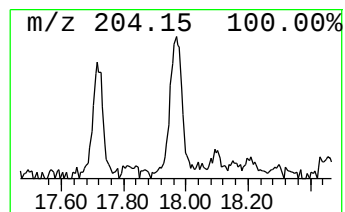
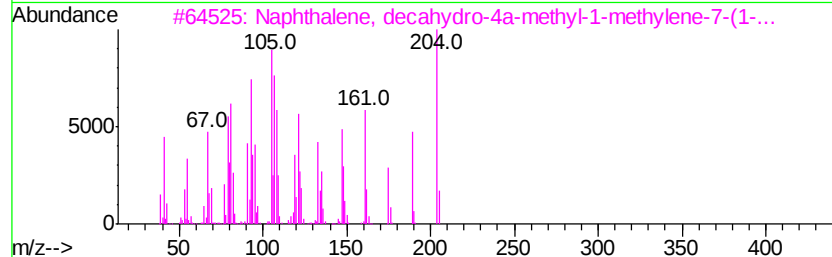
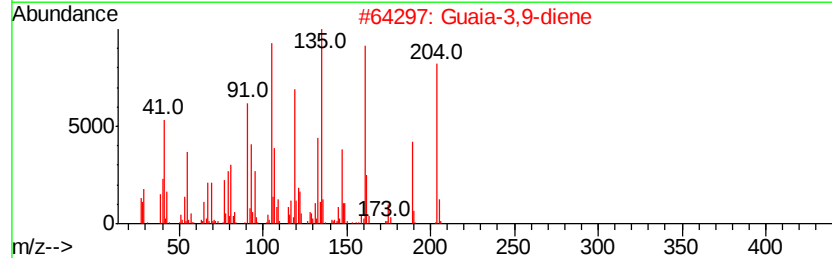
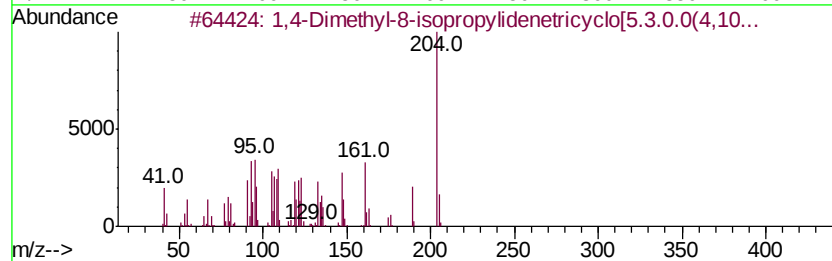
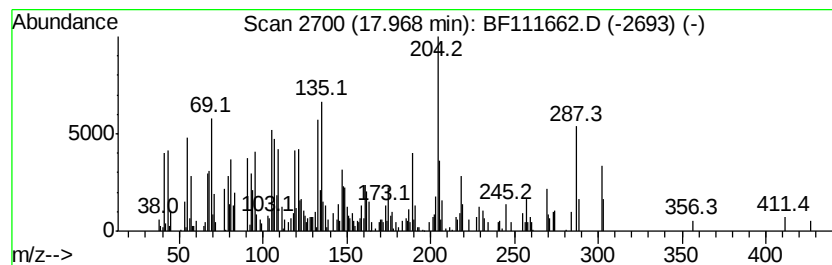
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 1,4-Dimethyl-8-isopropylidene... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.97	8.25 ng	369575	Perylene-d12	15.52

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,4-Dimethyl-8-isopropylidenetri...	204	C15H24	1000140-07-7	62
2		Guaia-3,9-diene	204	C15H24	000489-83-8	60
3		Naphthalene, decahydro-4a-methyl...	204	C15H24	017066-67-0	50
4		1,2,4,8-Tetramethylbicyclo[6.3.0]...	204	C15H24	137235-51-9	46
5		2H-Cyclopentacyclooctene, 4,5,6,...	204	C15H24	1000221-85-8	43



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122018\
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Misc :
ALS Vial : 23 Sample Multiplier: 1

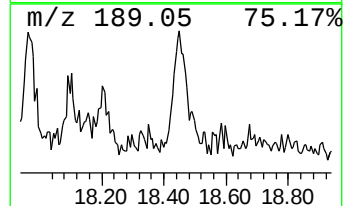
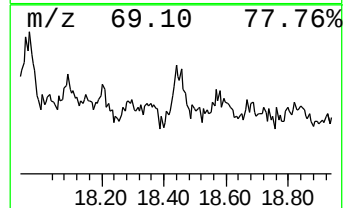
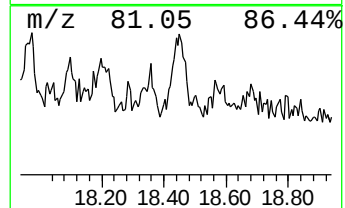
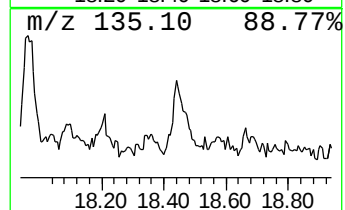
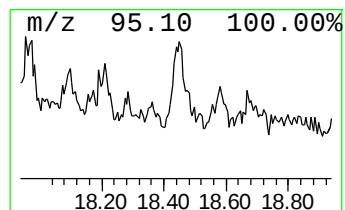
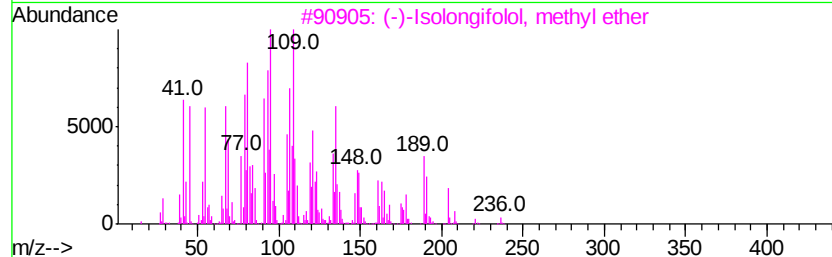
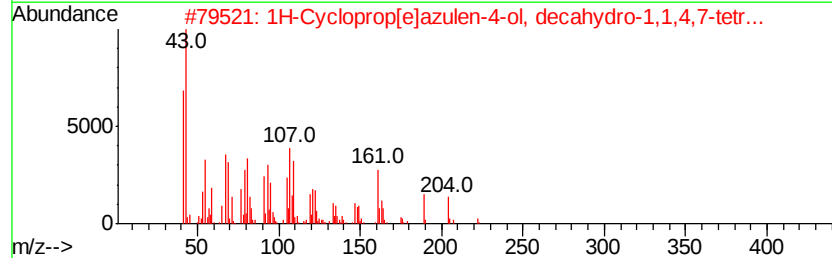
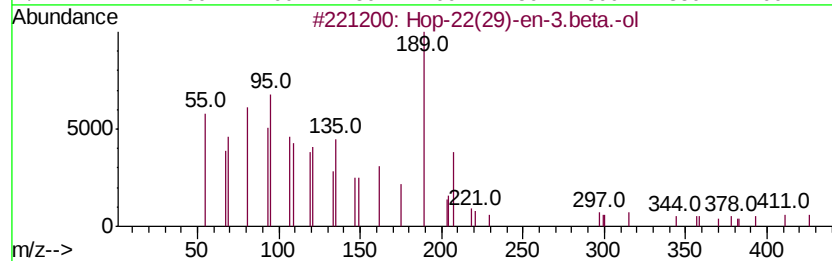
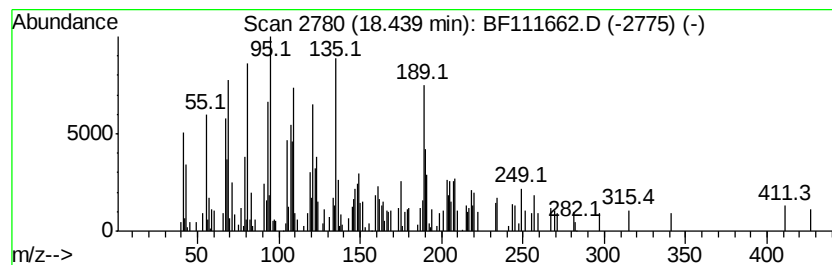
Instrument :
BNA_F
ClientSampleId :
P001-SS025-1218-01

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 Hop-22(29)-en-3.beta.-ol Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.		
18.44	5.46 ng	244507	Perylene-d12	15.52		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Hop-22(29)-en-3.beta.-ol	426	C30H50O	058801-23-3	70
2		1H-Cycloprop[elazulen-4-ol, deca...	222	C15H26O	000552-02-3	70
3		(-)-Isolongifolol, methyl ether	236	C16H28O	1000333-80-8	68
4		5-Bromo-4-oxo-4,5,6,7-tetrahydro...	216	C6H5BrN2O2	300574-36-1	53
5		Ledol	222	C15H26O	000577-27-5	53



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 Data File : BF111662.D
 Acq On : 21 Dec 2018 2:04
 Operator : JU/SJ
 Sample : J6447-08 10X
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P001-SS025-1218-01

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	8.1 ng		502079	1	6.90	1242050	20.0
1,1'-Biphenyl, 2,...	12.54	5.1 ng		321438	4	11.42	1250600	20.0
2,3,3',4',5,5'-He...	13.19	11.1 ng		722282	5	14.04	1306920	20.0
2,3,3',4',5,6-Hex...	13.37	9.1 ng		595919	5	14.04	1306920	20.0
2,2',3,4,4',6'-He...	13.59	8.5 ng		556943	5	14.04	1306920	20.0
2,2',3,3',4,5',6-...	13.69	6.0 ng		391795	5	14.04	1306920	20.0
1-Tricosene	13.89	33.2 ng		2168570	5	14.04	1306920	20.0
1-Docosene	14.53	45.4 ng		2968590	5	14.04	1306920	20.0
Sulfurous acid, o...	14.84	6.5 ng		289301	6	15.52	896115	20.0
Octadecanal	14.98	7.7 ng		342761	6	15.52	896115	20.0
Octadecane	15.18	18.3 ng		819807	6	15.52	896115	20.0
2-Pentacosanone	15.26	5.4 ng		241065	6	15.52	896115	20.0
Oxirane, hexadecyl-	15.77	8.8 ng		396148	6	15.52	896115	20.0
Heptacosane	16.02	9.1 ng		407615	6	15.52	896115	20.0
Cycloeicosane	16.06	6.5 ng		293643	6	15.52	896115	20.0
Oxirane, tetramet...	17.32	6.7 ng		299577	6	15.52	896115	20.0
unknown17.72	17.72	11.4 ng		511734	6	15.52	896115	20.0
1,4-Dimethyl-8-is...	17.97	8.3 ng		369575	6	15.52	896115	20.0
Hop-22(29)-en-3.b...	18.44	5.5 ng		244507	6	15.52	896115	20.0