

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122118\
 Data File : BF111687.D
 Acq On : 21 Dec 2018 15:09
 Operator : JU/SJ
 Sample : J6447-04
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P001-SS024-1218-01

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	3.416	223	226	239	rBV	44917	94369	1.16%	0.089%
2	4.004	321	326	332	rBV	351757	461564	5.66%	0.436%
3	5.116	511	515	521	rVB	186462	240074	2.94%	0.227%
4	5.522	576	584	587	rBV	3901678	3819652	46.81%	3.611%
5	6.439	735	740	743	rBV	164830	145393	1.78%	0.137%
6	6.522	749	754	759	rBV2	3675145	4231001	51.85%	4.000%
7	6.669	774	779	782	rBV	4163453	3944006	48.33%	3.729%
8	6.898	814	818	821	rBV	1423997	1219792	14.95%	1.153%
9	7.057	841	845	848	rVB	3260695	3026820	37.09%	2.862%
10	7.451	902	912	915	rBV	2631734	2503180	30.68%	2.367%
11	8.175	1032	1035	1039	rBV	1691212	1472317	18.04%	1.392%
12	9.251	1214	1218	1221	rBV	4763158	4084267	50.05%	3.861%
13	9.380	1238	1240	1243	rBV	130964	96413	1.18%	0.091%
14	9.639	1281	1284	1293	rVB2	473691	577035	7.07%	0.546%
15	9.933	1330	1334	1338	rVB	1876264	1540483	18.88%	1.456%
16	10.098	1358	1362	1365	rBV2	169854	144723	1.77%	0.137%
17	10.339	1399	1403	1406	rBV2	70175	97224	1.19%	0.092%
18	10.716	1463	1467	1471	rBV	2525909	2270694	27.83%	2.147%
19	10.969	1507	1510	1512	rVB	117904	96248	1.18%	0.091%
20	11.063	1523	1526	1528	rBV	281435	274308	3.36%	0.259%
21	11.080	1528	1529	1532	rVV	185199	100372	1.23%	0.095%
22	11.127	1534	1537	1539	rBV	235767	204615	2.51%	0.193%
23	11.398	1580	1583	1584	rBV	188632	191036	2.34%	0.181%
24	11.416	1584	1586	1589	rVV	1580076	1201065	14.72%	1.136%
25	11.469	1590	1595	1600	rVB3	484878	563020	6.90%	0.532%
26	11.539	1600	1607	1611	rBV2	332508	437391	5.36%	0.414%
27	11.580	1611	1614	1618	rVB	243613	235238	2.88%	0.222%
28	11.639	1618	1624	1628	rBV2	269441	303734	3.72%	0.287%
29	11.951	1672	1677	1684	rVB	1519842	1501520	18.40%	1.420%
30	12.033	1688	1691	1694	rVB	270463	223743	2.74%	0.212%
31	12.068	1694	1697	1700	rBV2	267813	276178	3.38%	0.261%
32	12.121	1703	1706	1711	rVB2	152313	177182	2.17%	0.168%
33	12.204	1717	1720	1722	rBV3	131159	113742	1.39%	0.108%
34	12.280	1730	1733	1735	rBV2	273190	240722	2.95%	0.228%

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35	12.304	1735	1737	1740	rVB3	110964	101458	1.24%	0.096%
36	12.345	1741	1744	1746	rBV3	75752	89388	1.10%	0.085%
37	12.463	1761	1764	1767	rBV2	111440	107525	1.32%	0.102%
38	12.510	1769	1772	1774	rVV	280626	279616	3.43%	0.264%
39	12.545	1774	1778	1785	rVB3	849792	1097015	13.44%	1.037%
40	12.651	1794	1796	1798	rBV2	157457	156335	1.92%	0.148%
41	12.686	1798	1802	1805	rVB3	358662	460306	5.64%	0.435%
42	12.733	1806	1810	1814	rBV2	1693521	1876169	22.99%	1.774%
43	12.880	1833	1835	1841	rBV2	184573	264588	3.24%	0.250%
44	12.945	1843	1846	1848	rVB	167021	128380	1.57%	0.121%
45	13.004	1852	1856	1861	rVB	3363743	3635263	44.55%	3.437%
46	13.098	1869	1872	1875	rBV	1051929	902530	11.06%	0.853%
47	13.127	1875	1877	1884	rVV2	435103	530123	6.50%	0.501%
48	13.192	1884	1888	1890	rVV	2829008	2474783	30.33%	2.340%
49	13.239	1894	1896	1900	rVV	951971	759262	9.30%	0.718%
50	13.274	1900	1902	1905	rVV	207878	183605	2.25%	0.174%
51	13.327	1908	1911	1913	rVV	554060	494494	6.06%	0.468%
52	13.380	1916	1920	1923	rVV	3189031	2940495	36.04%	2.780%
53	13.415	1923	1926	1930	rVV3	720910	778157	9.54%	0.736%
54	13.451	1930	1932	1934	rVV	220755	184253	2.26%	0.174%
55	13.486	1934	1938	1942	rVB2	1230739	1293175	15.85%	1.223%
56	13.551	1946	1949	1951	rBV2	310312	370744	4.54%	0.351%
57	13.592	1951	1956	1960	rVV2	1839566	2710166	33.21%	2.562%
58	13.633	1960	1963	1965	rVB	285395	219099	2.69%	0.207%
59	13.698	1971	1974	1977	rBV2	1939568	1665078	20.41%	1.574%
60	13.745	1978	1982	1988	rVB	896408	978566	11.99%	0.925%
61	13.833	1995	1997	2000	rVB2	189801	139833	1.71%	0.132%
62	13.898	2003	2008	2016	rBV3	4412744	7603863	93.19%	7.189%
63	13.962	2016	2019	2021	rBV2	425872	384082	4.71%	0.363%
64	14.033	2028	2031	2032	rBV2	249340	264465	3.24%	0.250%
65	14.057	2032	2035	2038	rVB	1272510	1097925	13.46%	1.038%
66	14.092	2038	2041	2044	rBV	3103893	2814625	34.49%	2.661%
67	14.121	2044	2046	2050	rVB	461099	403708	4.95%	0.382%
68	14.221	2060	2063	2068	rBV2	549519	798491	9.79%	0.755%
69	14.268	2068	2071	2075	rVB2	396353	390564	4.79%	0.369%
70	14.309	2075	2078	2081	rBV	1347156	1244380	15.25%	1.176%
71	14.351	2082	2085	2088	rVV2	815506	845333	10.36%	0.799%

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Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

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72	14.398	2091	2093	2096	rVV	554296	480610	5.89%	0.454%
73	14.539	2113	2117	2123	rBV	7540906	8159788	100.00%	7.714%
74	14.586	2123	2125	2130	rVB2	277286	284219	3.48%	0.269%
75	14.627	2130	2132	2135	rBV3	212766	173682	2.13%	0.164%
76	14.721	2145	2148	2150	rBV	397198	366367	4.49%	0.346%
77	14.751	2150	2153	2155	rVV	472925	533333	6.54%	0.504%
78	14.774	2155	2157	2162	rVV	568543	531640	6.52%	0.503%
79	14.821	2162	2165	2167	rVV	471900	513968	6.30%	0.486%
80	14.851	2167	2170	2178	rVB4	621508	1113084	13.64%	1.052%
81	14.992	2190	2194	2198	rVB2	934920	1002828	12.29%	0.948%
82	15.198	2224	2229	2230	rBV2	2029327	2680109	32.85%	2.534%
83	15.215	2230	2232	2238	rVB	2439010	2460766	30.16%	2.326%
84	15.274	2238	2242	2246	rVB	435344	519189	6.36%	0.491%
85	15.539	2283	2287	2290	rVB	609292	690815	8.47%	0.653%
86	15.786	2325	2329	2332	rBV	687623	911987	11.18%	0.862%
87	16.033	2366	2371	2374	rBV	773996	1237846	15.17%	1.170%
88	16.074	2374	2378	2386	rVB	1108756	1673443	20.51%	1.582%
89	16.151	2387	2391	2395	rVB	436395	612490	7.51%	0.579%
90	16.274	2409	2412	2414	rBV3	153952	212986	2.61%	0.201%
91	16.845	2504	2509	2515	rVB	447199	805748	9.87%	0.762%
92	17.239	2571	2576	2585	rVB3	391739	866517	10.62%	0.819%
93	17.345	2588	2594	2598	rBV2	404395	845209	10.36%	0.799%
94	17.650	2641	2646	2654	rVB4	333008	750156	9.19%	0.709%
95	17.750	2657	2663	2672	rVB4	419524	1097748	13.45%	1.038%
96	18.386	2767	2771	2779	rVB4	203256	472602	5.79%	0.447%

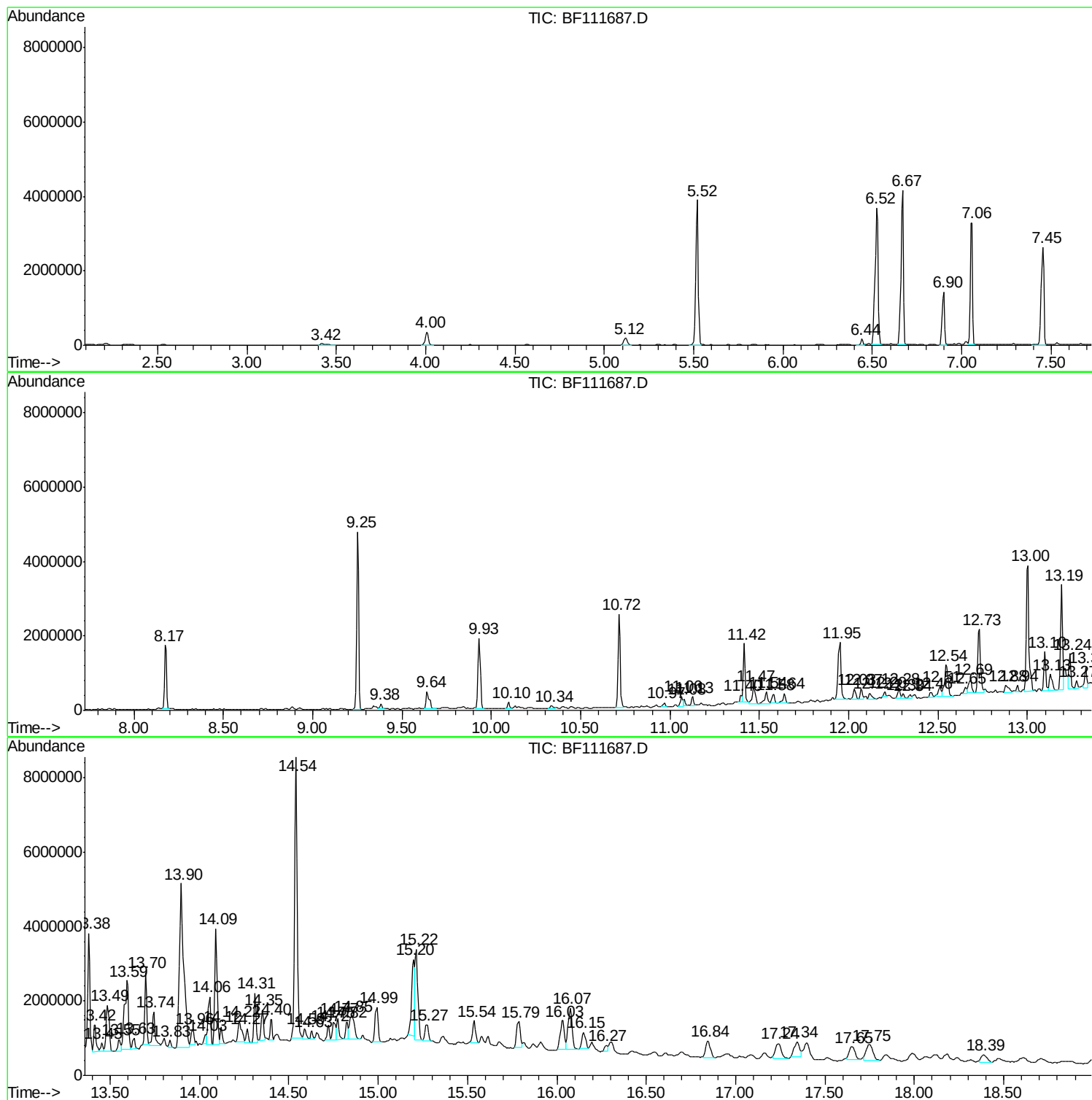
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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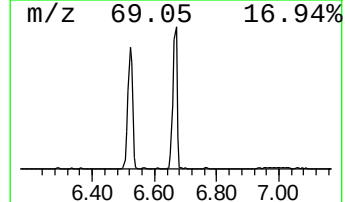
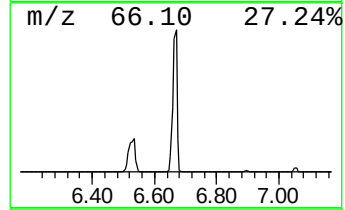
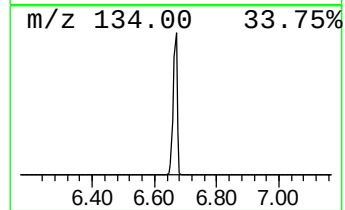
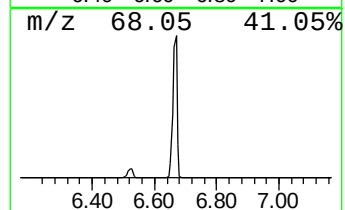
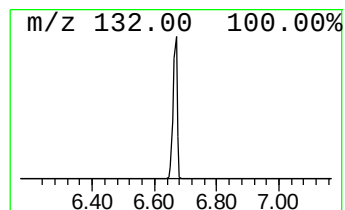
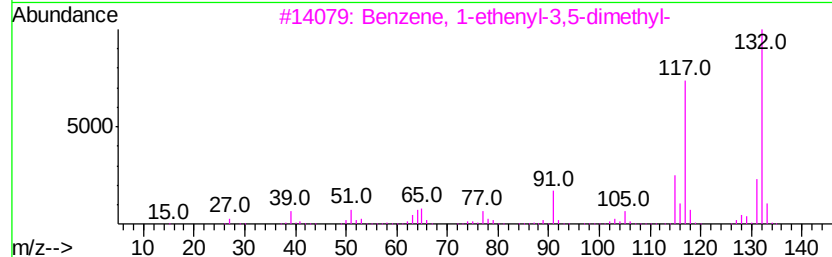
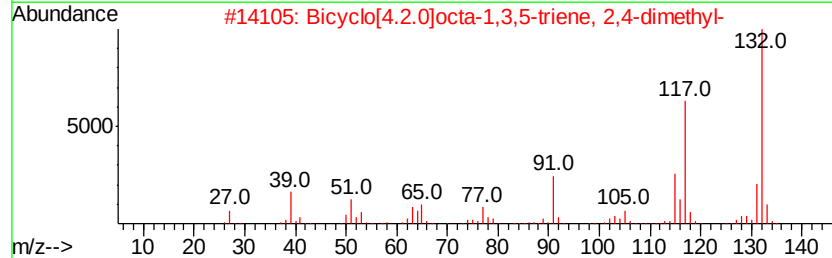
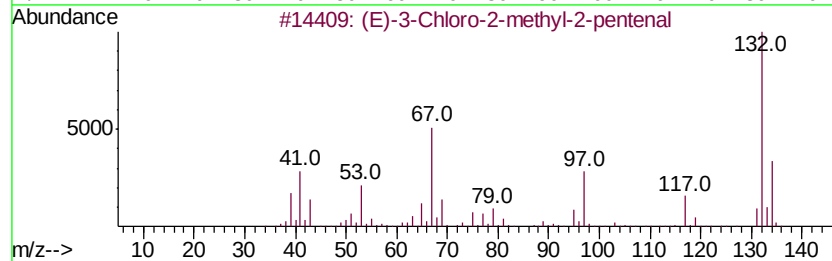
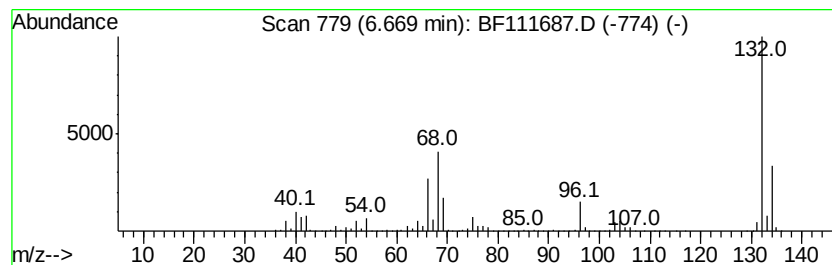
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown6.67 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.67	64.67 ng	3944010	1,4-Dichlorobenzene-d4	6.90

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	12
2		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
3		Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	9
4		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9
5		4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9



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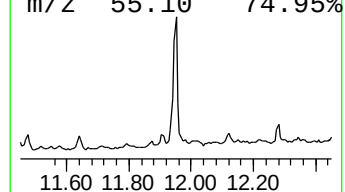
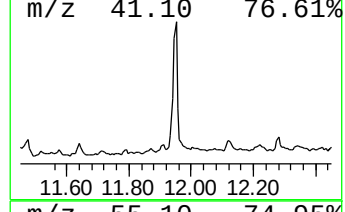
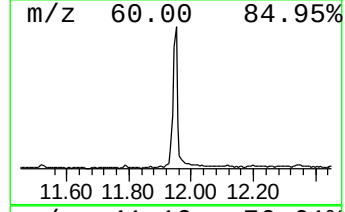
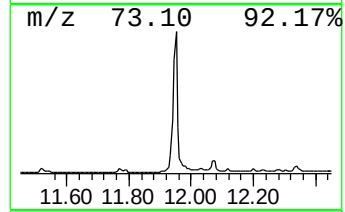
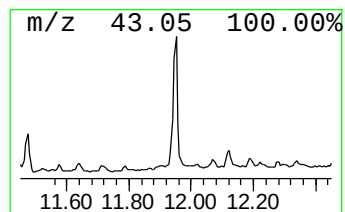
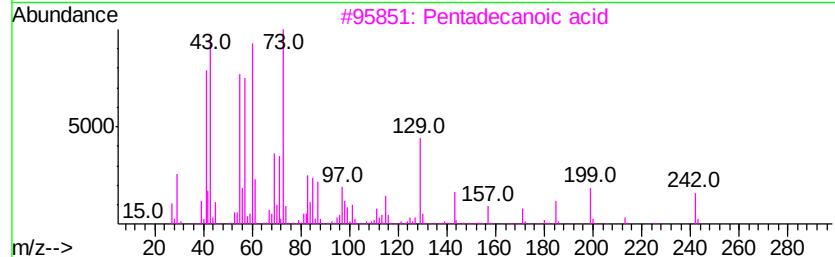
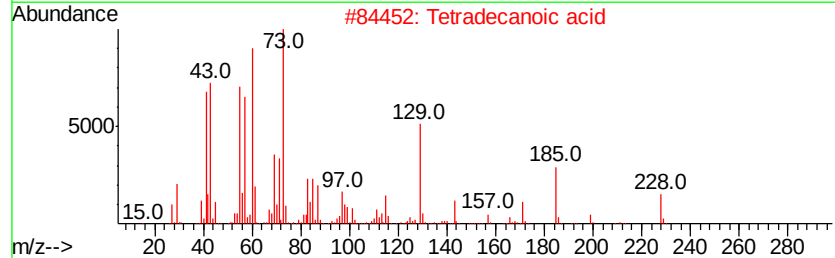
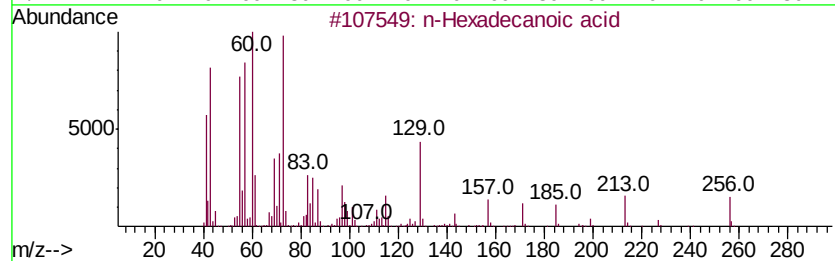
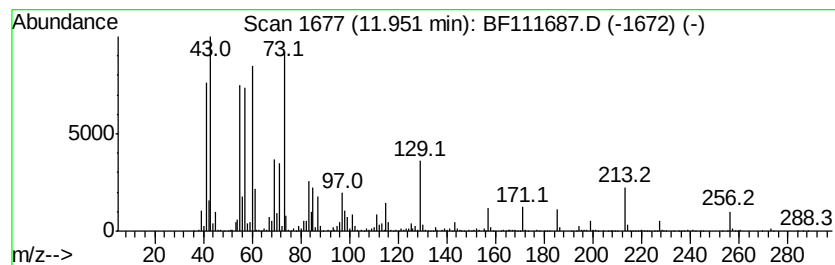
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 n-Hexadecanoic acid Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.95	25.00 ng	1501520	Phenanthrene-d10	11.42
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		n-Hexadecanoic acid	256 C16H32O2	000057-10-3 99
2		Tetradecanoic acid	228 C14H28O2	000544-63-8 93
3		Pentadecanoic acid	242 C15H30O2	001002-84-2 81
4		Octadecanoic acid	284 C18H36O2	000057-11-4 76
5		Tridecanoic acid	214 C13H26O2	000638-53-9 64



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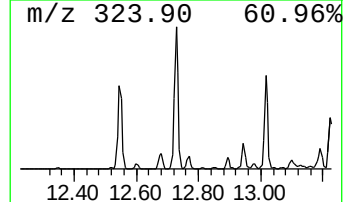
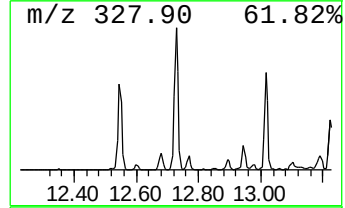
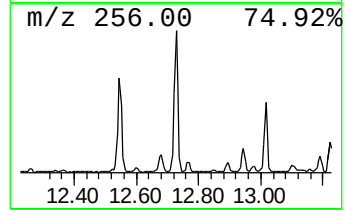
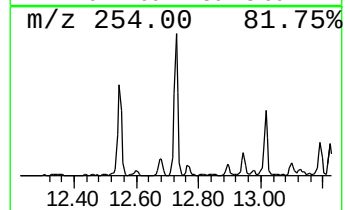
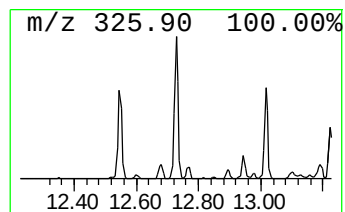
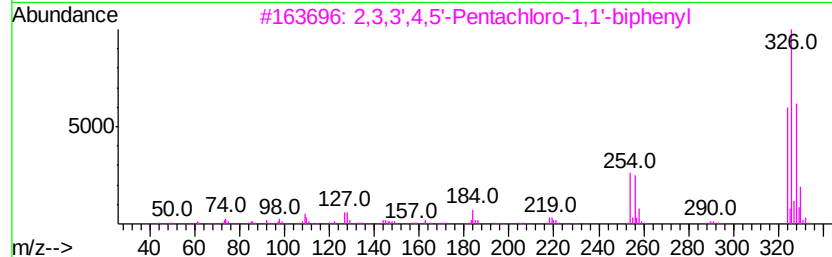
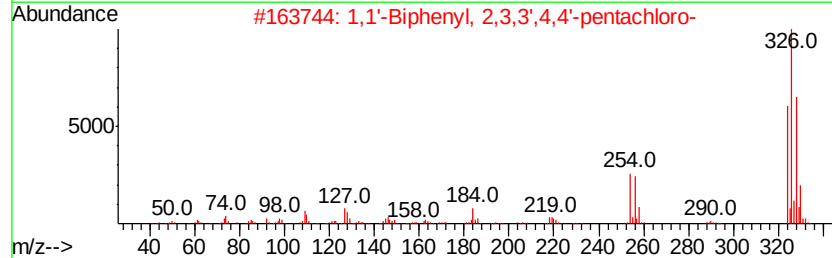
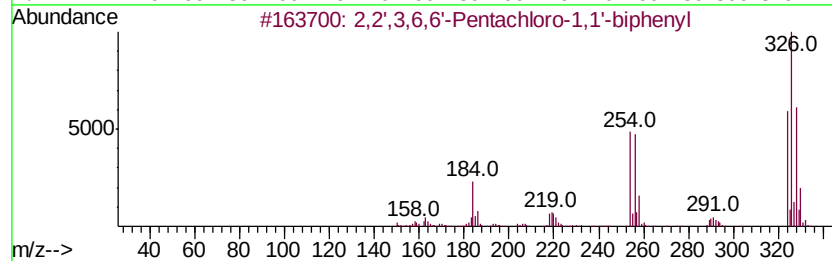
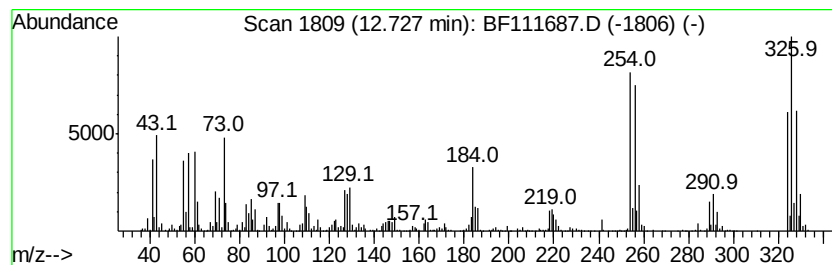
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.		
12.73	31.24 ng	1876170	Phenanthrene-d10	11.42		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2',3,6,6'-Pentachloro-1,1'-bip...	324	C12H5Cl5	073575-54-9	99	
2	1,1'-Biphenyl, 2,3,3',4,4'-penta...	324	C12H5Cl5	032598-14-4	99	
3	2,3,3',4,5'-Pentachloro-1,1'-bip...	324	C12H5Cl5	070362-41-3	99	
4	2,3,3',4',5'- Pentachloro-1,1'-b...	324	C12H5Cl5	076842-07-4	99	
5	1,1'-Biphenyl, 2,3,3',4',6-penta...	324	C12H5Cl5	038380-03-9	99	



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122118\
Data File : BF111687.D
Acq On : 21 Dec 2018 15:09
Operator : JU/SJ
Sample : J6447-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
P001-SS024-1218-01

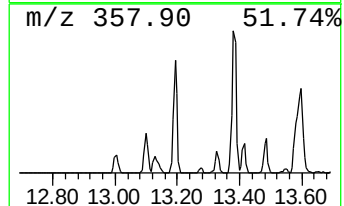
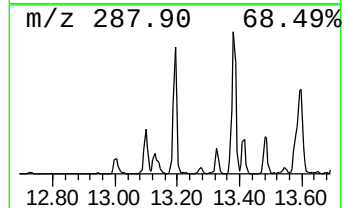
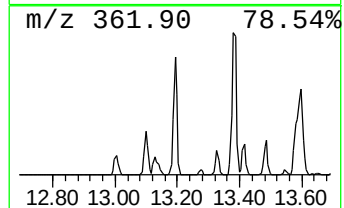
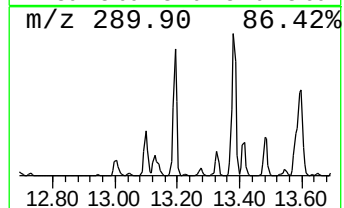
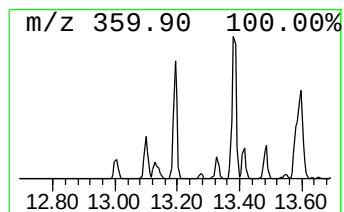
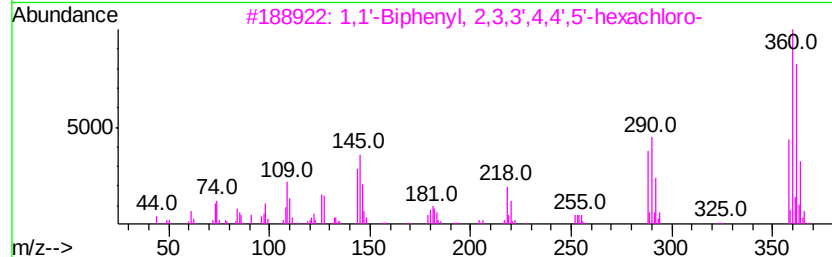
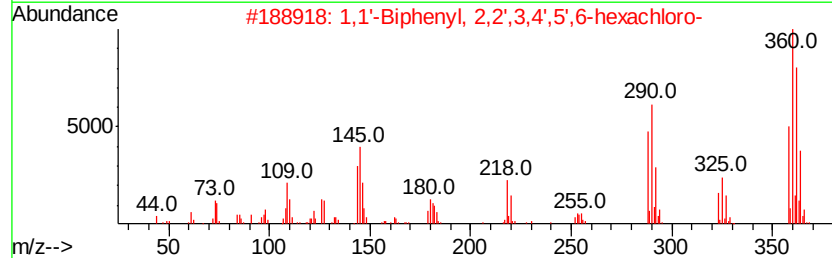
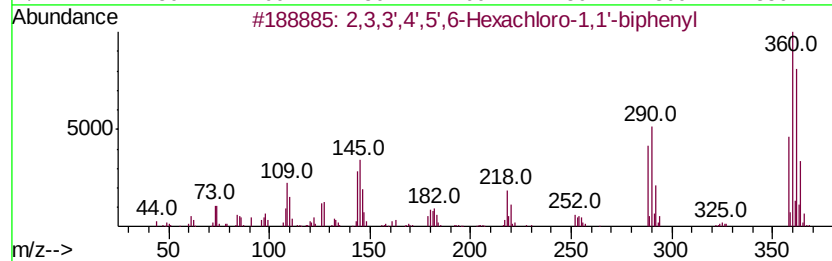
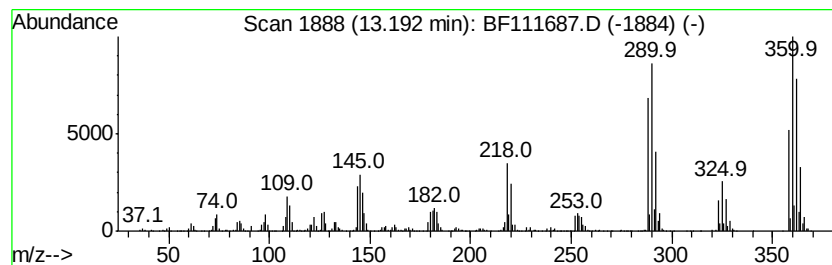
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.19	45.08 ng	2474780	Chrysene-d12	14.06

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2,3,3',4',5',6-Hexachloro-1,1'-b...	358	C12H4Cl6	074472-45-0	99
2		1,1'-Biphenyl, 2,2',3,4',5',6-he...	358	C12H4Cl6	038380-04-0	99
3		1,1'-Biphenyl, 2,3,3',4,4',5'-he...	358	C12H4Cl6	069782-90-7	99
4		1,1'-Biphenyl, 2,2',3,5,5',6-hex...	358	C12H4Cl6	052663-63-5	99
5		2,3',4,4',5',6-Hexachloro-1,1'-b...	358	C12H4Cl6	059291-65-5	99



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122118\
Data File : BF111687.D
Acq On : 21 Dec 2018 15:09
Operator : JU/SJ
Sample : J6447-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

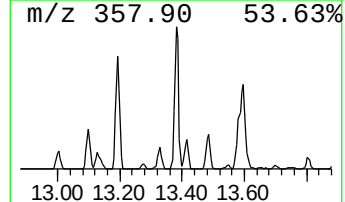
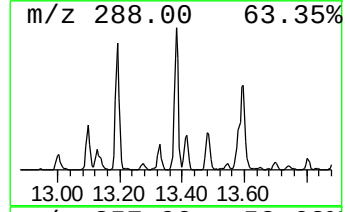
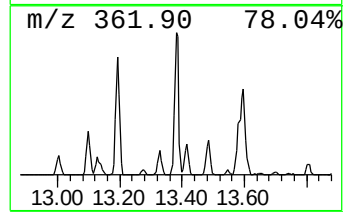
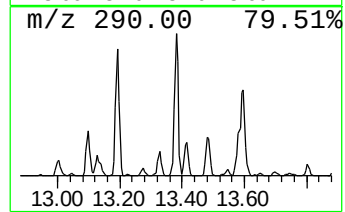
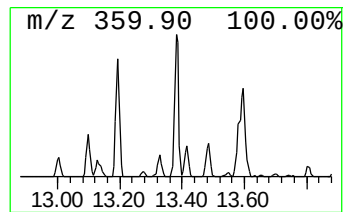
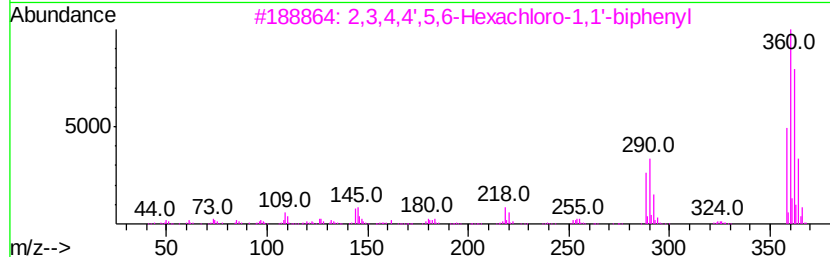
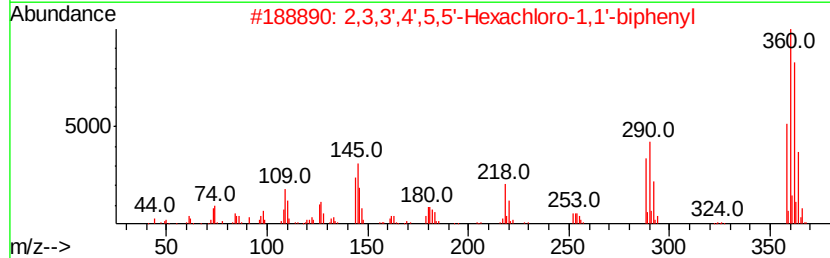
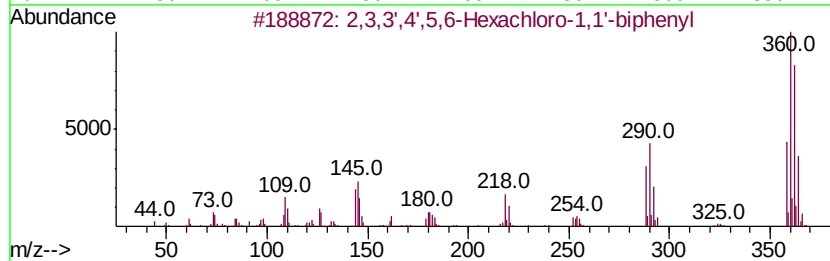
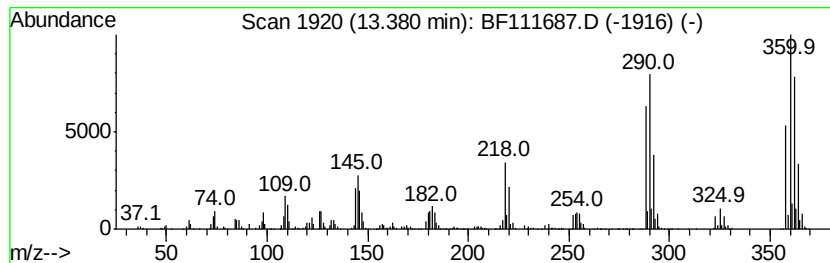
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.		
13.38	53.56 ng	2940500	Chrysene-d12	14.06		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,3,3',4',5,6-Hexachloro-1,1'-bi...	358	C12H4Cl6	074472-44-9	99	
2	2,3,3',4',5,5'-Hexachloro-1,1'-b...	358	C12H4Cl6	039635-34-2	99	
3	2,3,4,4',5,6-Hexachloro-1,1'-bip...	358	C12H4Cl6	041411-63-6	99	
4	2,3',4,4',5',6-Hexachloro-1,1'-b...	358	C12H4Cl6	059291-65-5	99	
5	2,3,3',4',5',6-Hexachloro-1,1'-b...	358	C12H4Cl6	074472-45-0	99	



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122118\
Data File : BF111687.D
Acq On : 21 Dec 2018 15:09
Operator : JU/SJ
Sample : J6447-04
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ALS Vial : 8 Sample Multiplier: 1

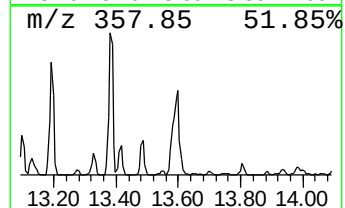
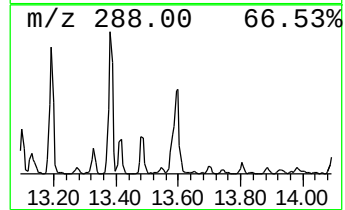
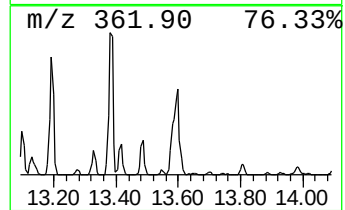
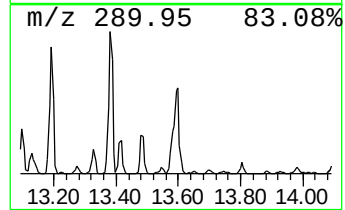
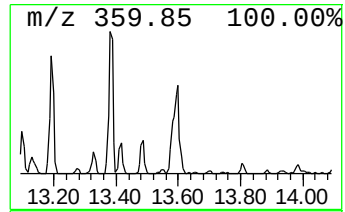
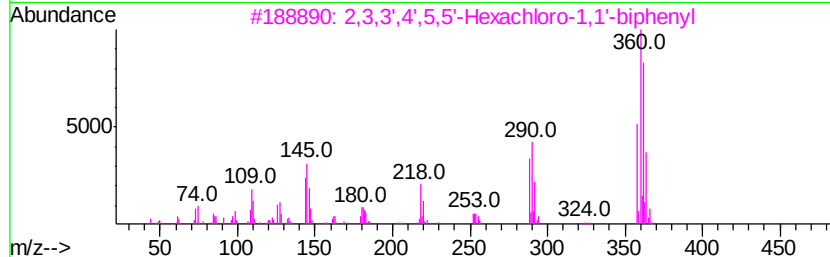
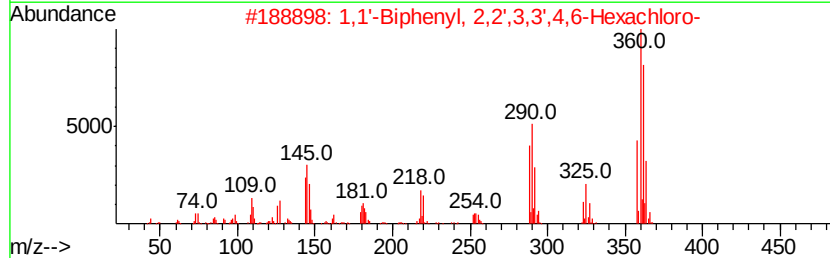
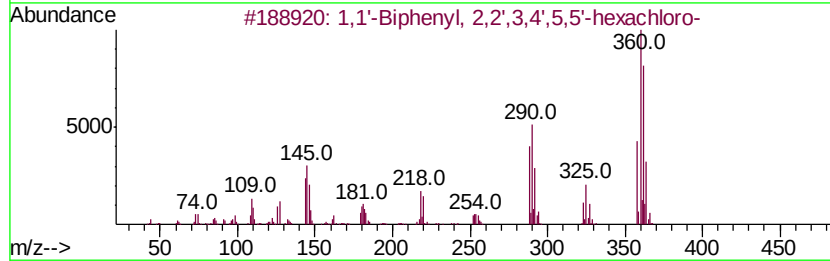
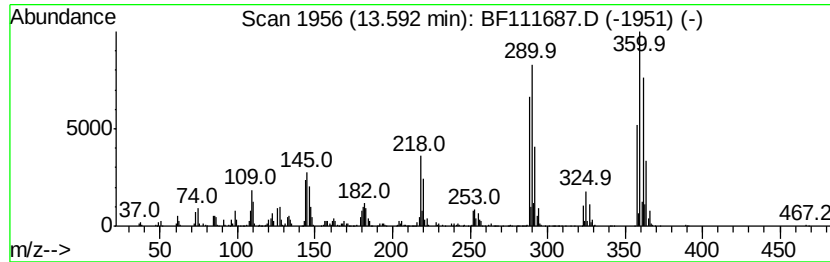
Instrument :
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 1,1'-Biphenyl, 2,2',3,4',5,... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD		R.T.		
13.59	49.37 ng	2710170	Chrysene-d12		14.06		
Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'	-Biphenyl,	2,2',3,4',5,5'-he...	358	C12H4Cl6	051908-16-8	99
2	1,1'	-Biphenyl,	2,2',3,3',4,6-Hex...	358	C12H4Cl6	061798-70-7	99
3	2,3,3',	4',5,5'-Hexachloro-	1,1'-b...	358	C12H4Cl6	039635-34-2	99
4	1,1'	-Biphenyl,	2,3,3',4,4',5'-he...	358	C12H4Cl6	069782-90-7	99
5	1,1'	-Biphenyl,	2,2',4,4',5,5'-he...	358	C12H4Cl6	035065-27-1	99



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122118\
Data File : BF111687.D
Acq On : 21 Dec 2018 15:09
Operator : JU/SJ
Sample : J6447-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

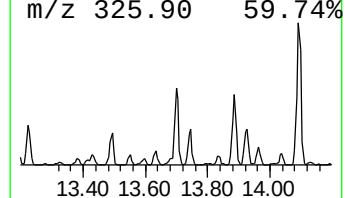
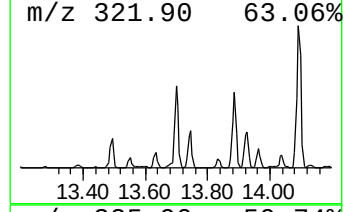
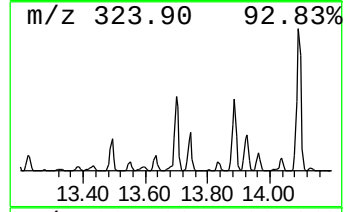
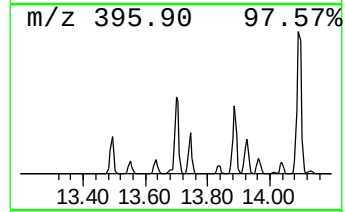
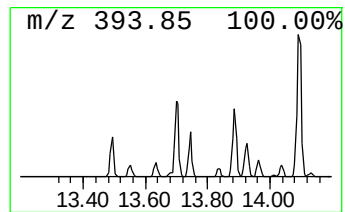
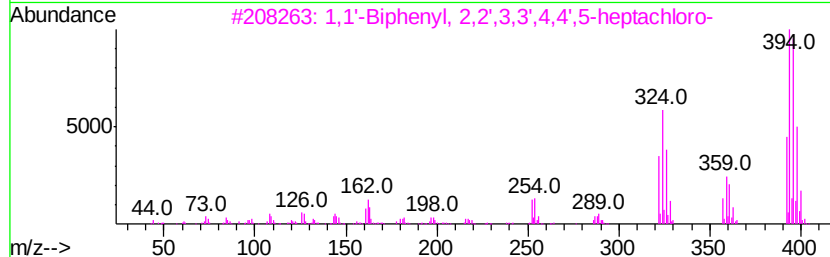
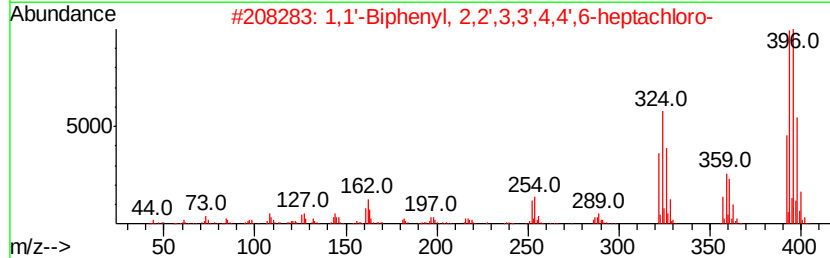
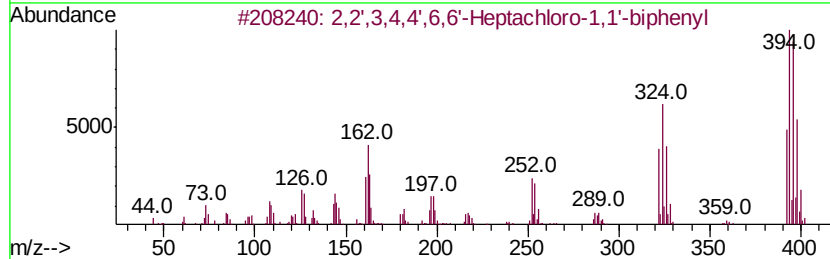
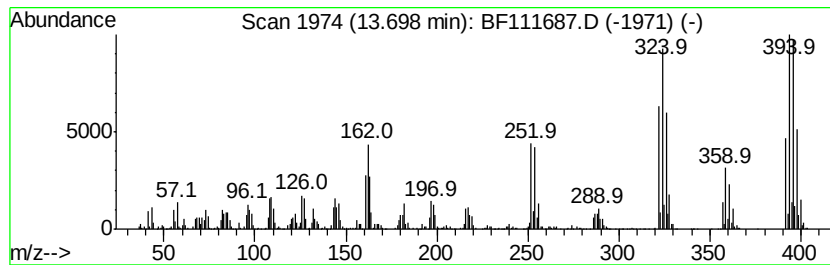
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 2,2',3,4,4',6,6'-Heptachlor... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD		R.T.	
13.70	30.33 ng	1665080	Chrysene-d12		14.06	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2',3,4,4',6,6'-Heptachloro-1,1...	392	C12H3Cl7	074472-48-3	99	
2	1,1'-Biphenyl, 2,2',3,3',4,4',6-...	392	C12H3Cl7	052663-71-5	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',3,3',4,5',6-Heptachlorobiph...	392	C12H3Cl7	040186-70-7	99	



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122118\
Data File : BF111687.D
Acq On : 21 Dec 2018 15:09
Operator : JU/SJ
Sample : J6447-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
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ClientSampleId :
P001-SS024-1218-01

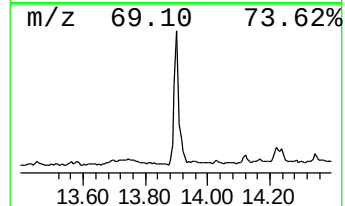
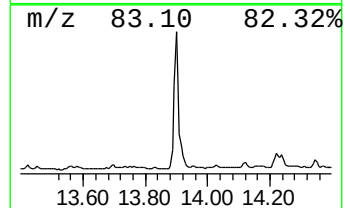
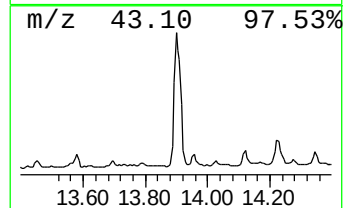
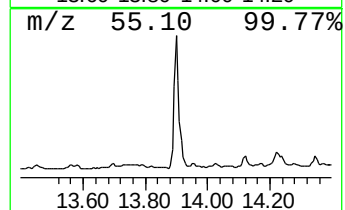
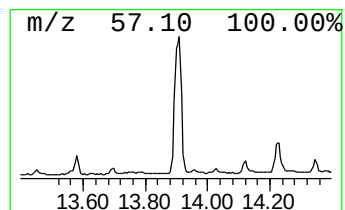
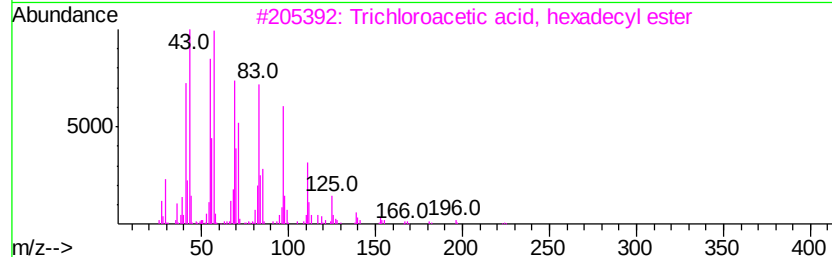
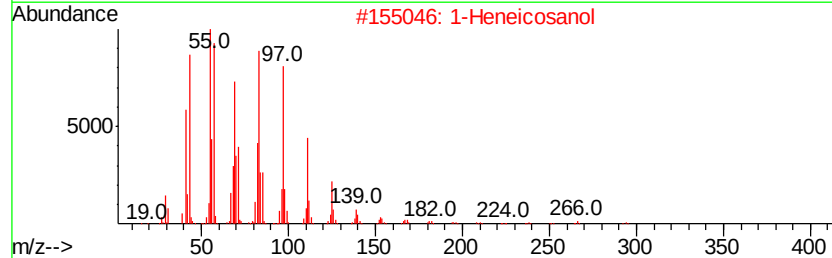
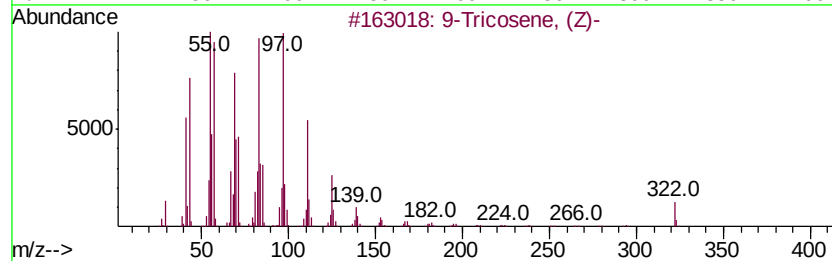
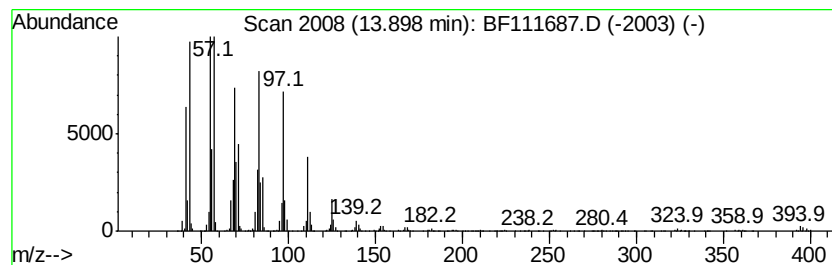
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.90	138.51 ng	7603860	Chrysene-d12	14.06

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9-Tricosene, (Z)-	322	C23H46	027519-02-4	96
2		1-Heneicosanol	312	C21H44O	015594-90-8	95
3		Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	94
4		n-Tetracosanol-1	354	C24H50O	000506-51-4	91
5		Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122118\
Data File : BF111687.D
Acq On : 21 Dec 2018 15:09
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Misc :
ALS Vial : 8 Sample Multiplier: 1

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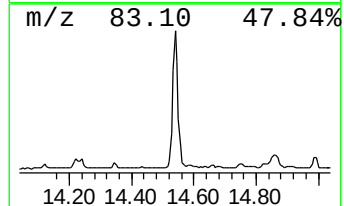
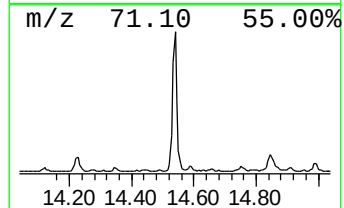
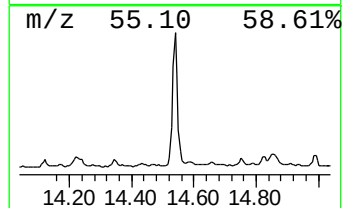
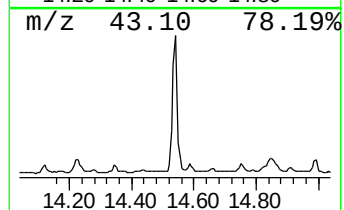
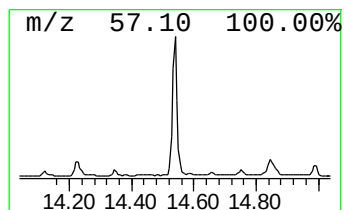
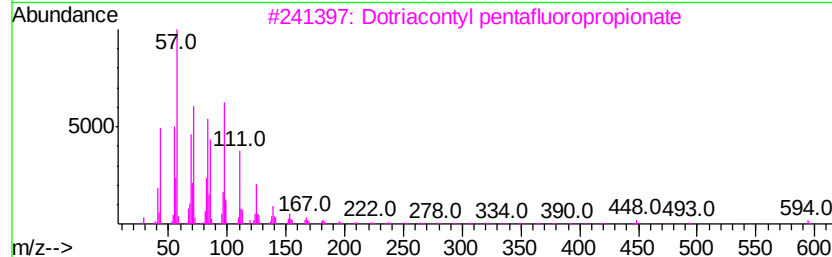
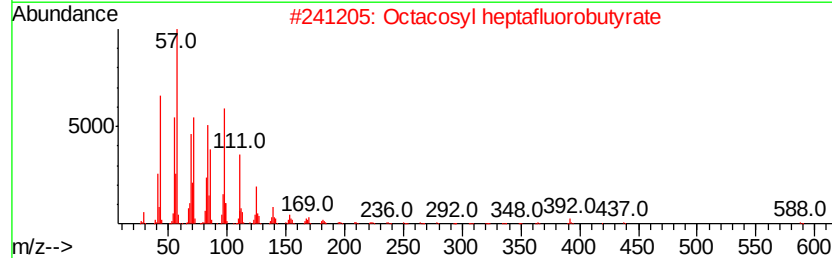
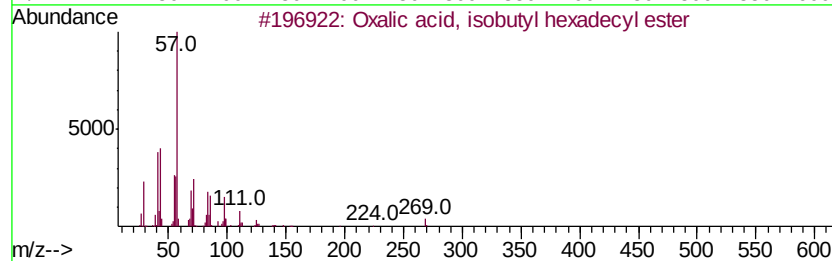
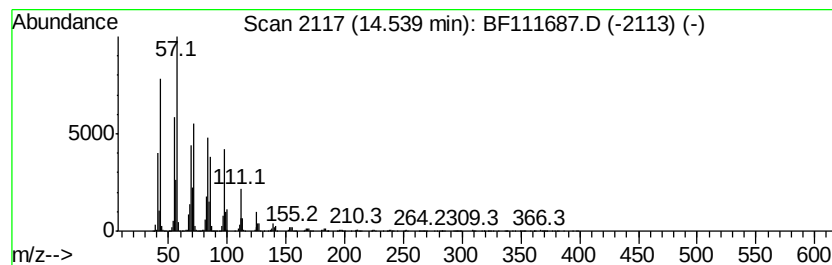
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Oxalic acid, isobutyl hexad... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.54	148.64 ng	8159790	Chrysene-d12	14.06

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Oxalic acid, isobutyl hexadecyl ...	370	C22H42O4	1000309-38-1	91
2		Octacosyl heptafluorobutyrate	606	C32H57F7O2	1000351-83-6	91
3		Dotriacontyl pentafluoropropionate	612	C35H65F5O2	1000351-81-4	91
4		Oxalic acid, isobutyl octadecyl ...	398	C24H46O4	1000309-38-3	91
5		Hexacosyl heptafluorobutyrate	578	C30H53F7O2	1000351-83-3	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122118\
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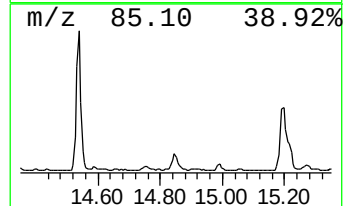
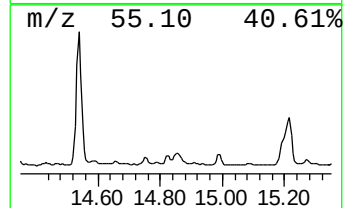
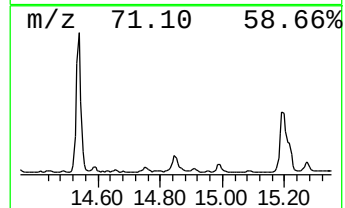
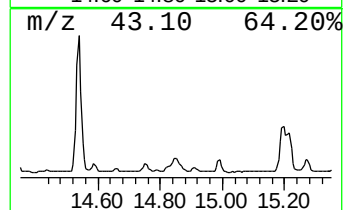
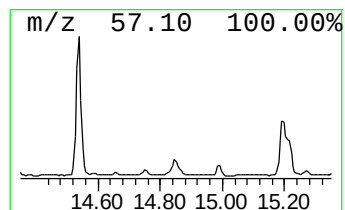
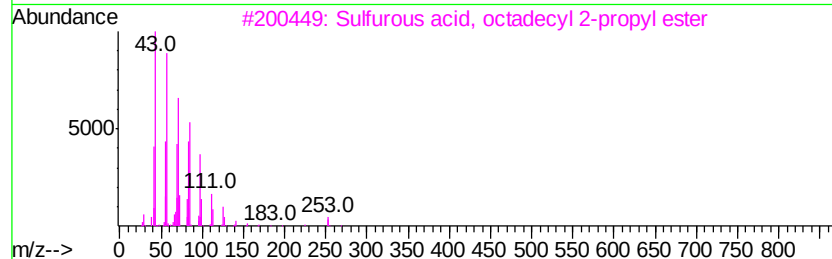
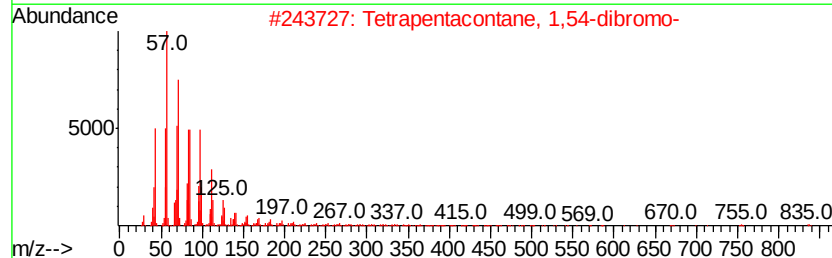
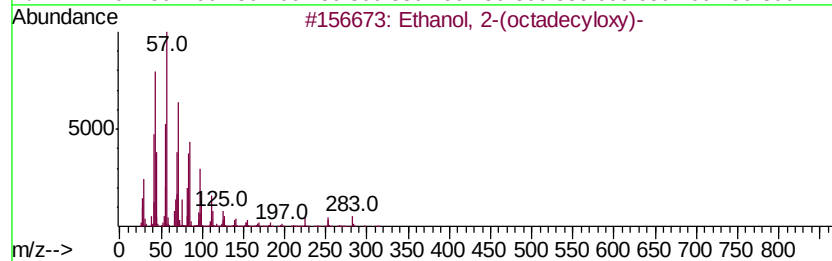
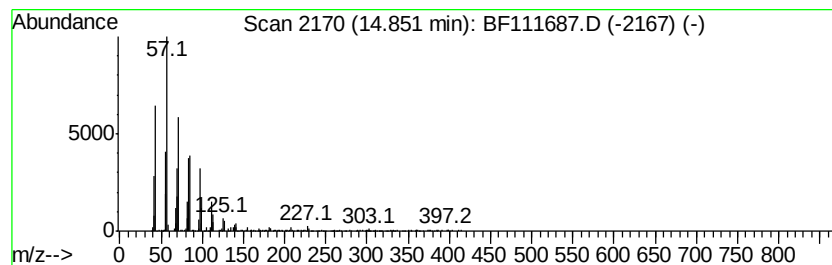
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Ethanol, 2-(octadecyloxy)- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.		
14.85	32.23 ng	1113080	Perylene-d12	15.54		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Ethanol, 2-(octadecyloxy)-	314	C20H42O2	002136-72-3	95
2		Tetrapentacontane, 1,54-dibromo-	915	C54H108Br2	1000156-09-4	90
3		Sulfurous acid, octadecyl 2-prop...	376	C21H44O3S	1000309-12-7	87
4		Tetratetracontane	619	C44H90	007098-22-8	80
5		Heptacosane, 1-chloro-	414	C27H55Cl	062016-79-9	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122118\
Data File : BF111687.D
Acq On : 21 Dec 2018 15:09
Operator : JU/SJ
Sample : J6447-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
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ClientSampleId :
P001-SS024-1218-01

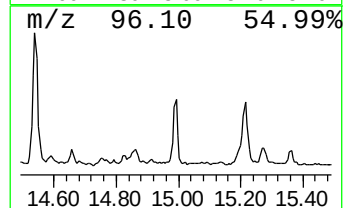
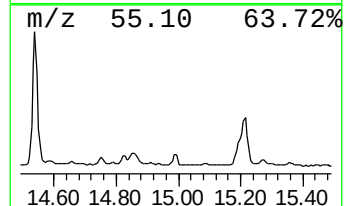
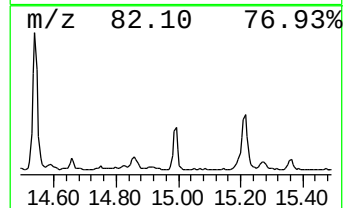
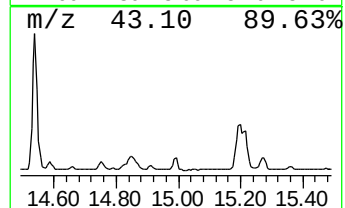
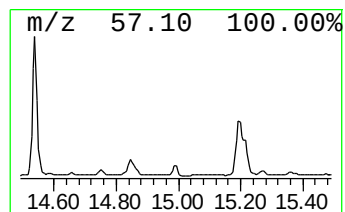
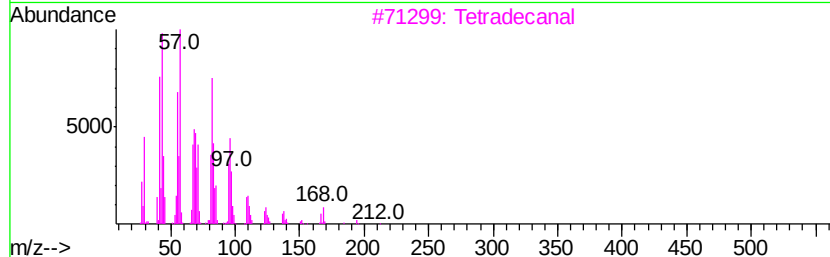
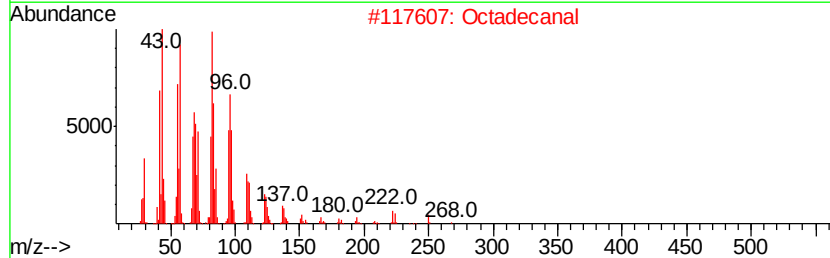
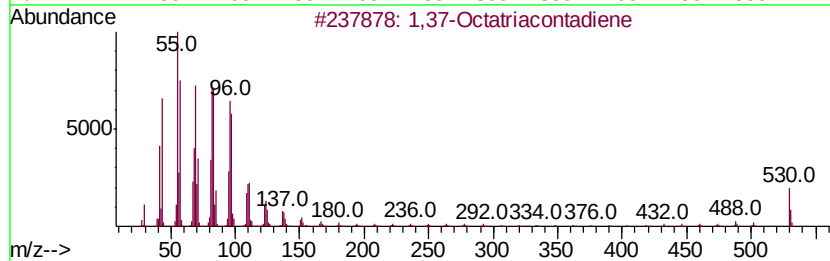
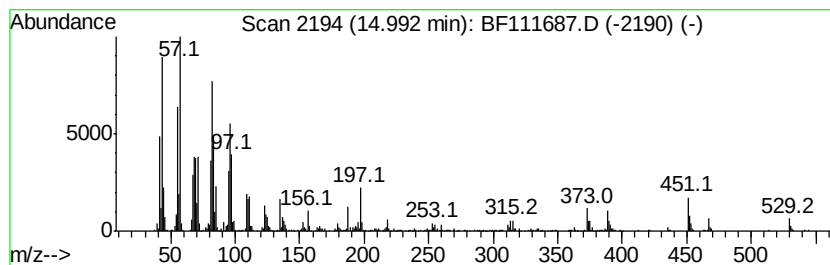
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 1,37-Octatriacontadiene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.99	29.03 ng	1002830	Perylene-d12	15.54

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,37-Octatriacontadiene	531	C38H74	1000159-37-3	83
2		Octadecanal	268	C18H36O	000638-66-4	81
3		Tetradecanal	212	C14H28O	000124-25-4	81
4		15-Octadecenal	266	C18H34O	056554-93-9	72
5		17-Octadecenal	266	C18H34O	056554-86-0	72



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122118\
Data File : BF111687.D
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Operator : JU/SJ
Sample : J6447-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

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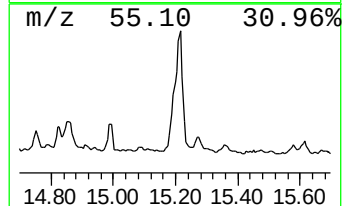
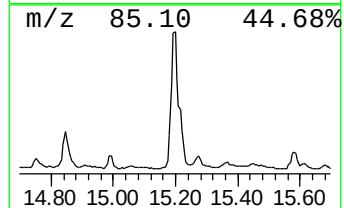
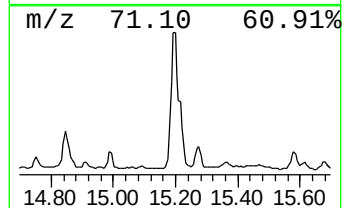
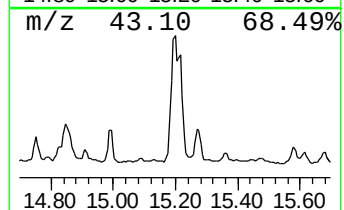
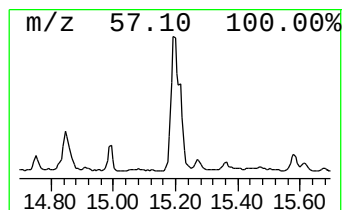
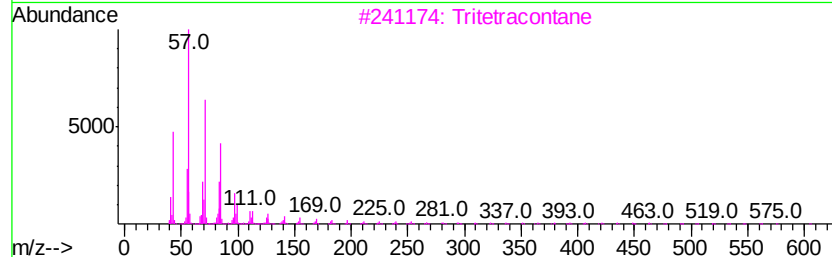
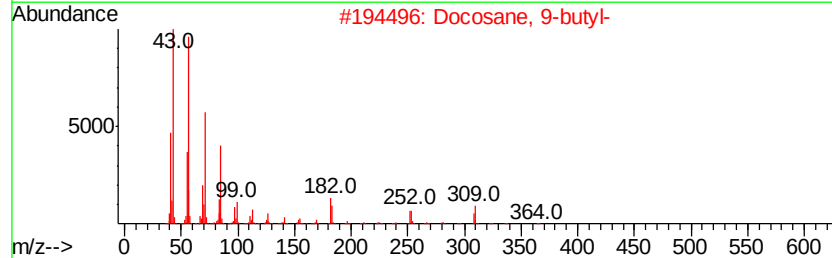
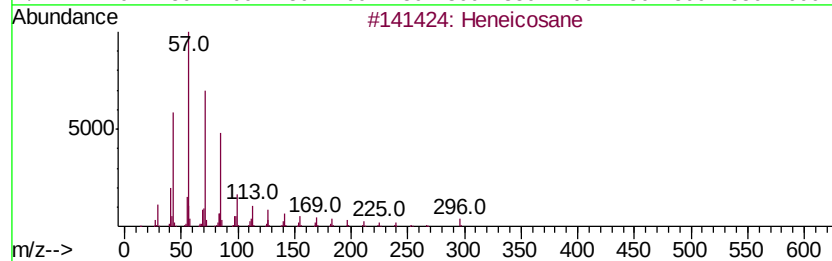
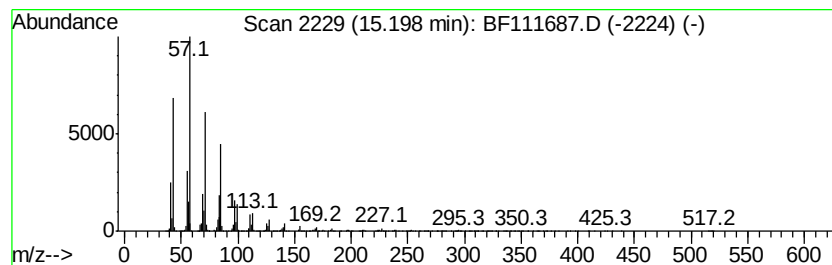
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Heneicosane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.20	77.59 ng	2680110	Perylene-d12	15.54

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	97
2		Docosane, 9-butyl-	366	C26H54	055282-14-9	91
3		Tritetracontane	605	C43H88	007098-21-7	91
4		2-Bromo dodecane	248	C12H25Br	013187-99-0	91
5		Hexacosane	366	C26H54	000630-01-3	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122118\
Data File : BF111687.D
Acq On : 21 Dec 2018 15:09
Operator : JU/SJ
Sample : J6447-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

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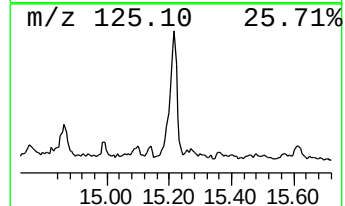
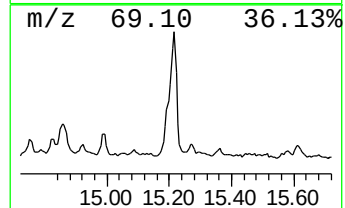
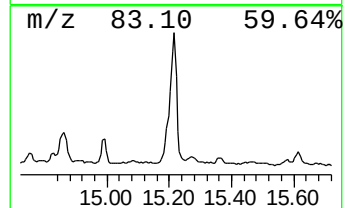
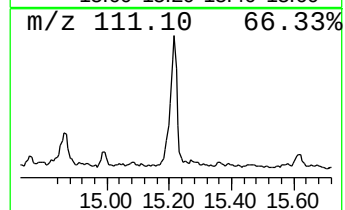
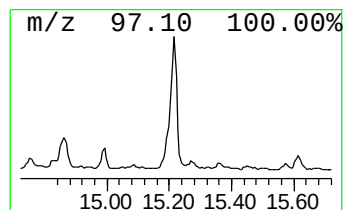
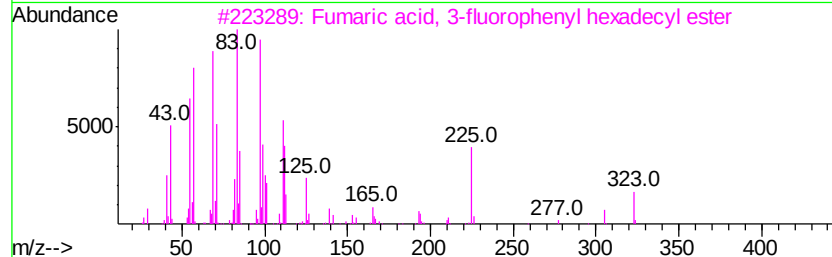
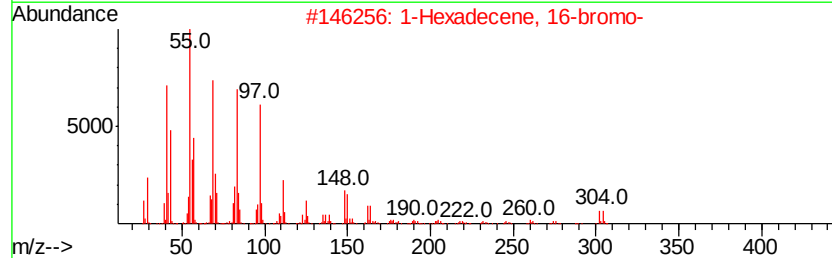
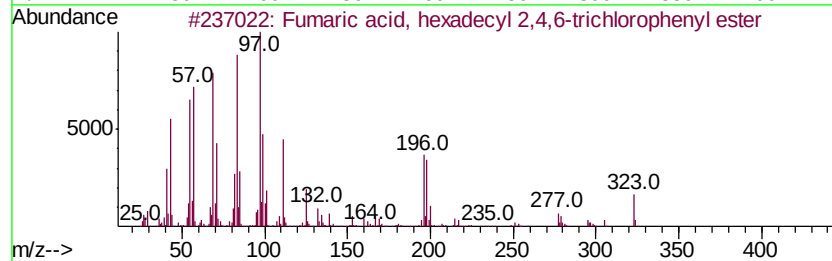
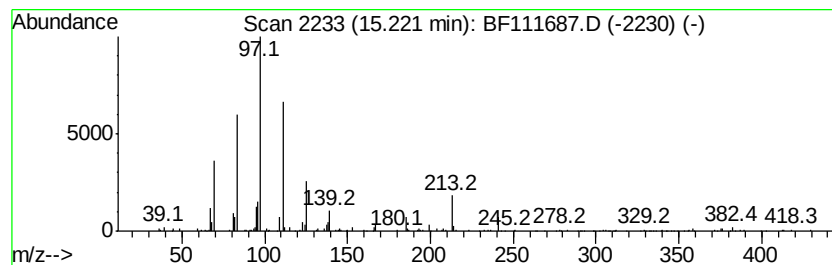
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Fumaric acid, hexadecyl 2,4... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.22	71.24 ng	2460770	Perylene-d12	15.54

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Fumaric acid, hexadecyl 2,4,6-tr...	518	C26H37Cl3O4	1000348-27-9	72
2		1-Hexadecene, 16-bromo-	302	C16H31Br	118625-56-2	72
3		Fumaric acid, 3-fluorophenyl hex...	434	C26H39FO4	1000345-21-2	64
4		Cyclohexane, 1,2-dimethyl-3-pent...	224	C16H32	062376-17-4	59
5		Fumaric acid, 3,5-difluorophenyl...	480	C28H42F2O4	1000339-38-3	53



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122118\
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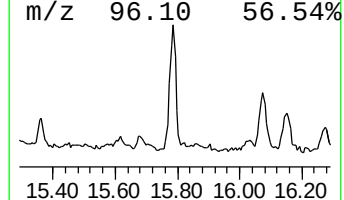
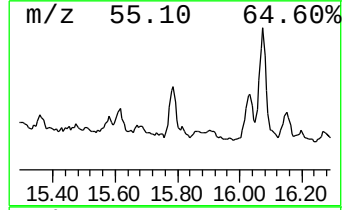
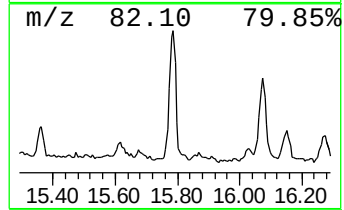
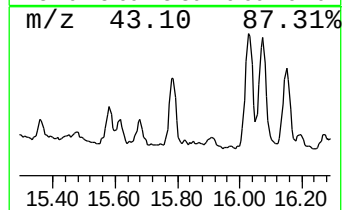
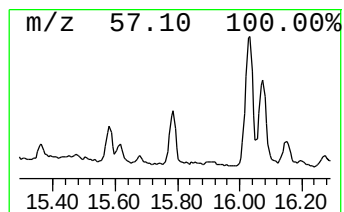
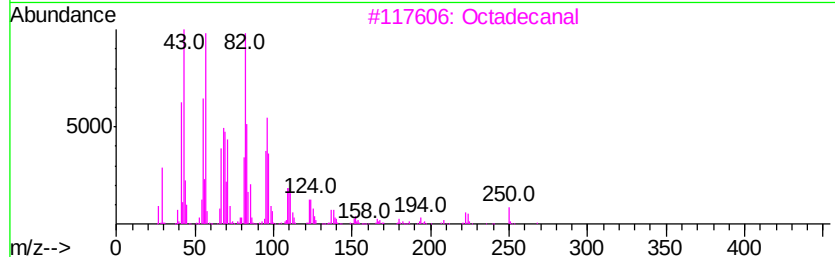
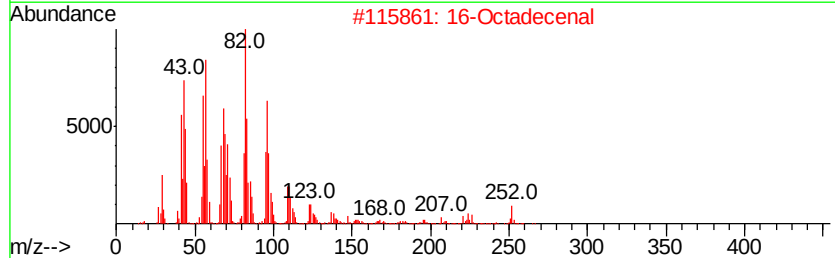
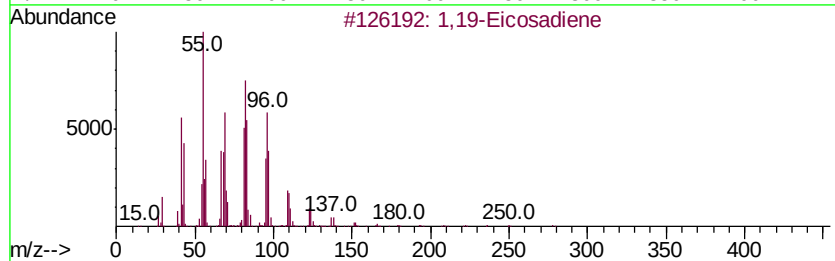
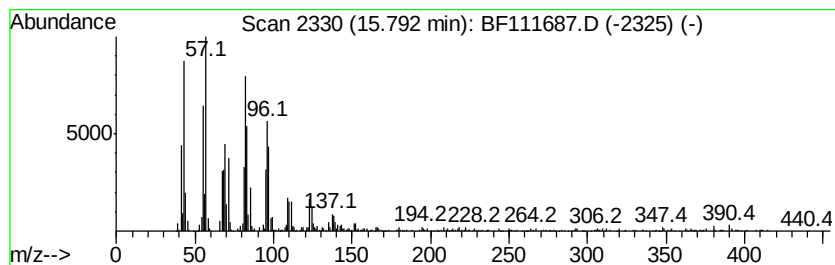
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 1,19-Eicosadiene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD		R.T.		
15.79	26.40 ng	911987	Perylene-d12		15.54		
Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,19-Eicosadiene	278	C20H38	014811-95-1	94
2			16-Octadecenal	266	C18H34O	056554-87-1	91
3			Octadecanal	268	C18H36O	000638-66-4	91
4			Oxirane, hexadecyl-	268	C18H36O	007390-81-0	87
5			Oxirane, heptadecyl-	282	C19H38O	067860-04-2	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122118\
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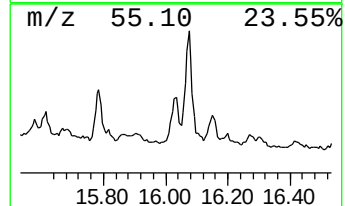
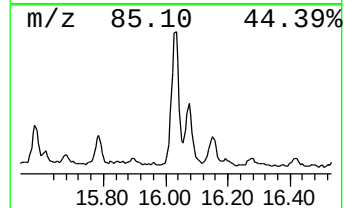
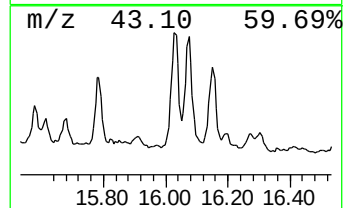
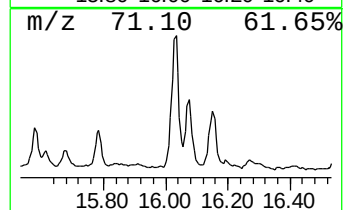
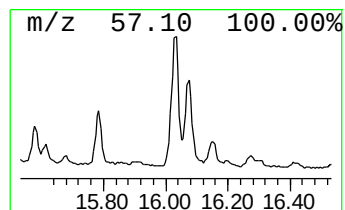
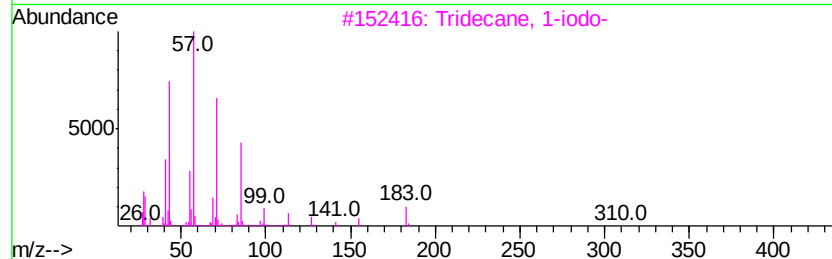
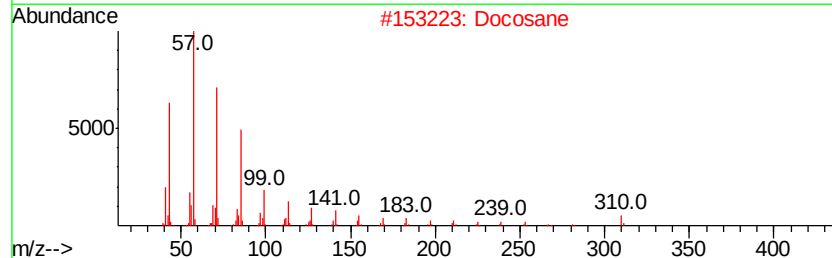
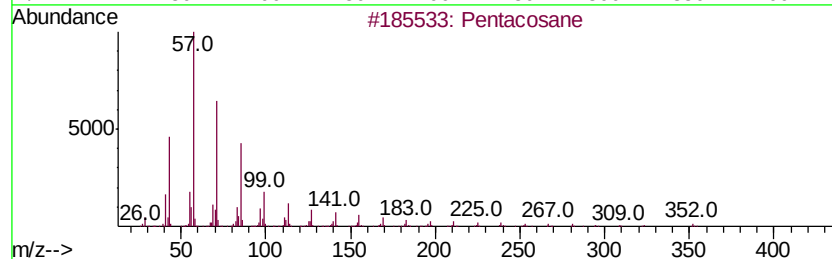
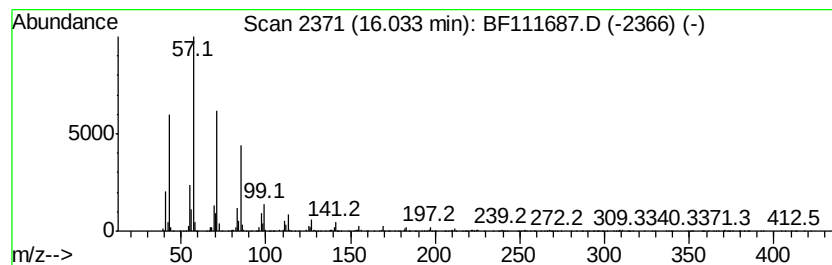
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Pentacosane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.03	35.84 ng	1237850	Perylene-d12	15.54
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Pentacosane	352 C25H52	000629-99-2	97
2	Docosane	310 C22H46	000629-97-0	96
3	Tridecane, 1-iodo-	310 C13H27I	035599-77-0	93
4	Tetracosane	338 C24H50	000646-31-1	91
5	Octacosane	394 C28H58	000630-02-4	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122118\
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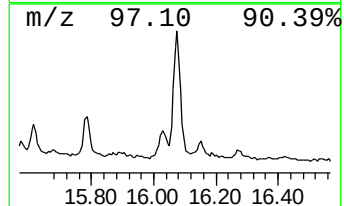
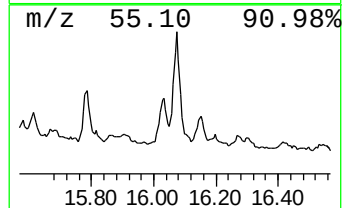
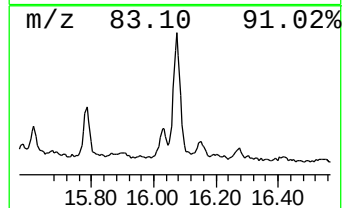
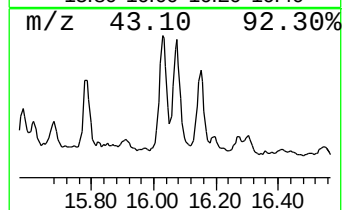
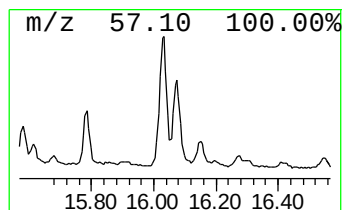
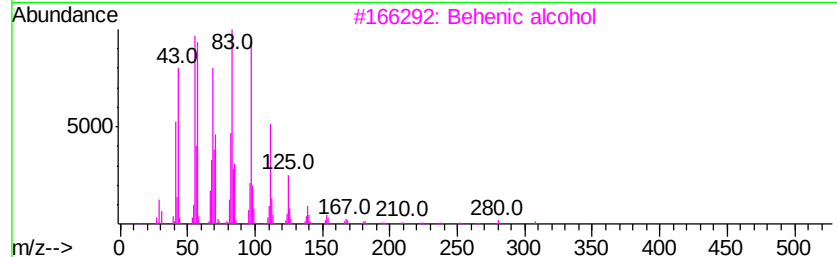
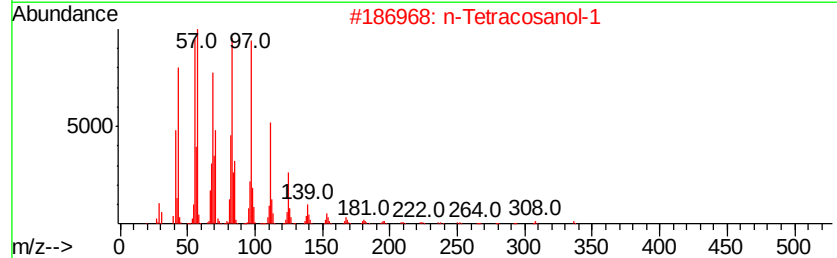
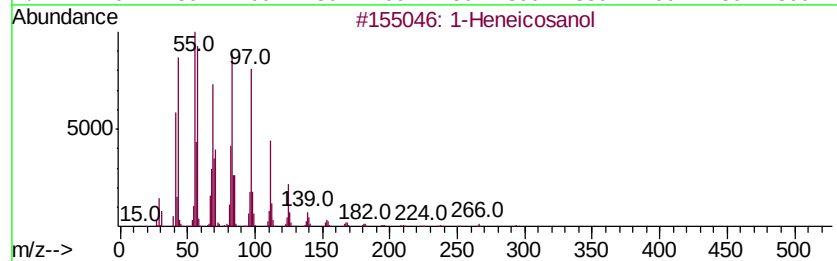
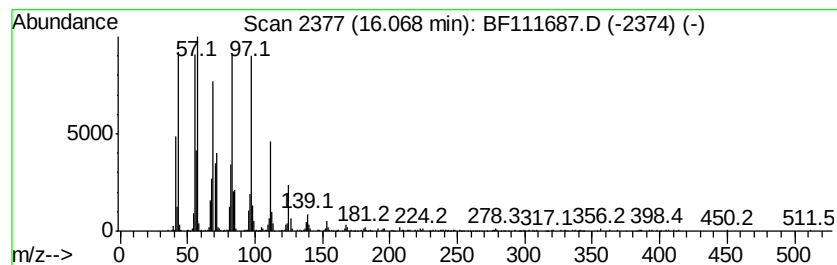
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 1-Heneicosanol Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.	
16.07	48.45 ng	1673440	Perylene-d12	15.54	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosanol	312	C21H44O	015594-90-8	95
2	n-Tetracosanol-1	354	C24H50O	000506-51-4	94
3	Behenic alcohol	326	C22H46O	000661-19-8	94
4	Heptacosyl acetate	438	C29H58O2	1000351-78-2	93
5	Cyclotetracosane	336	C24H48	000297-03-0	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122118\
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ALS Vial : 8 Sample Multiplier: 1

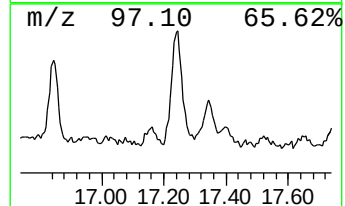
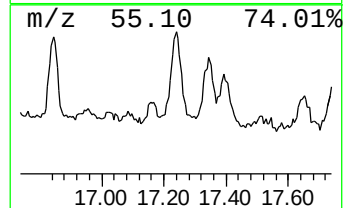
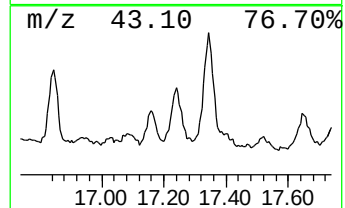
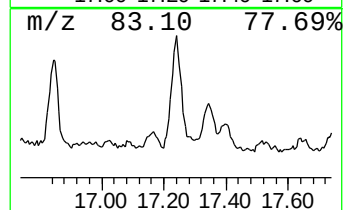
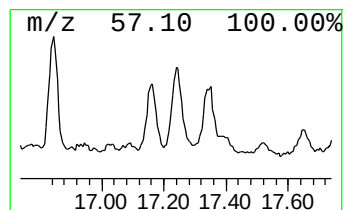
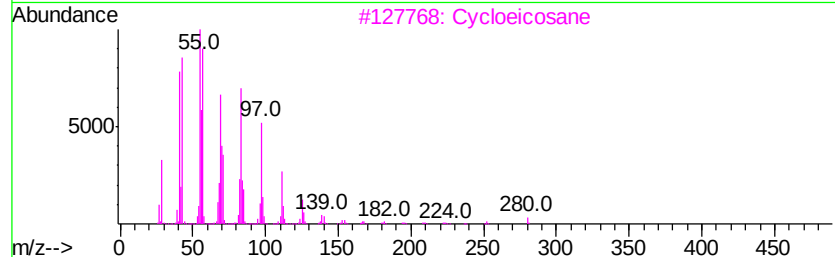
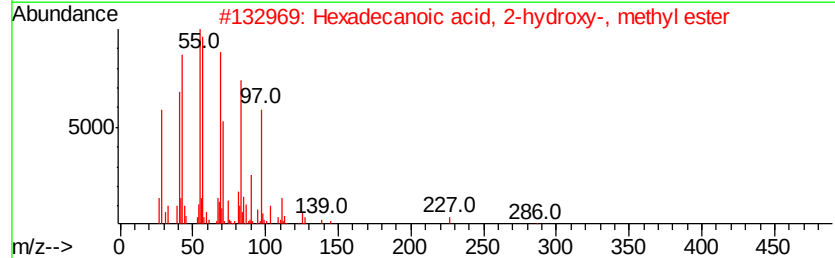
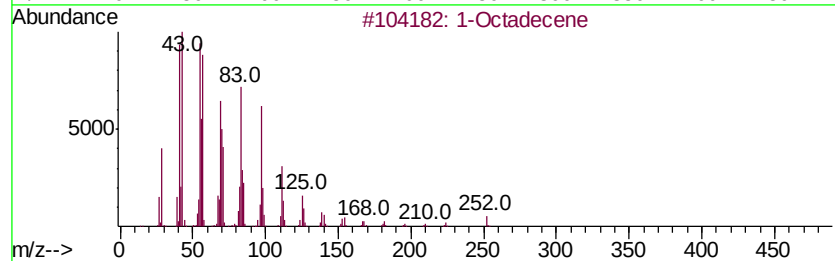
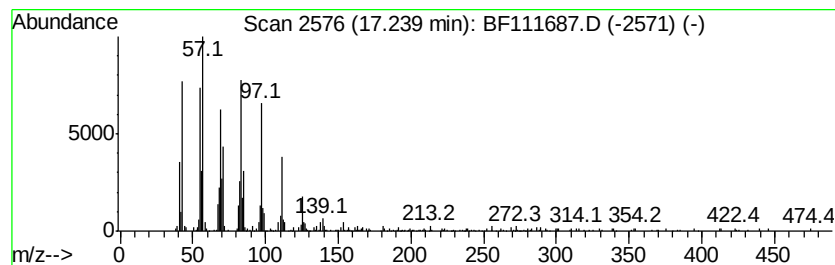
Instrument :
BNA_F
ClientSampleId :
P001-SS024-1218-01

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 18 1-Octadecene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.		
17.24	25.09 ng	866517	Perylene-d12	15.54		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		1-Octadecene	252	C18H36	000112-88-9	91
2		Hexadecanoic acid, 2-hydroxy-, m...	286	C17H34O3	016742-51-1	87
3		Cycloeicosane	280	C20H40	000296-56-0	87
4		Nonadecyl pentafluoropropionate	430	C22H39F5O2	1000351-88-8	76
5		Heptafluorobutyric acid, n-octad...	466	C22H37F7O2	000400-57-7	76



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122118\
Data File : BF111687.D
Acq On : 21 Dec 2018 15:09
Operator : JU/SJ
Sample : J6447-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

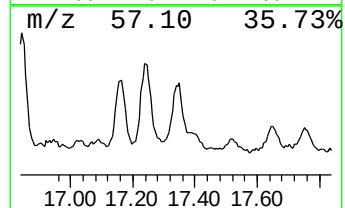
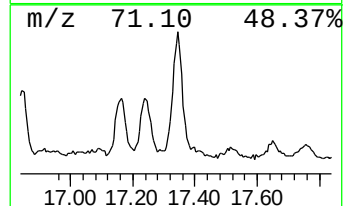
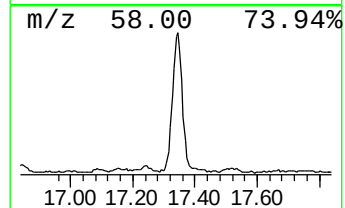
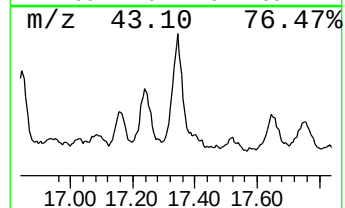
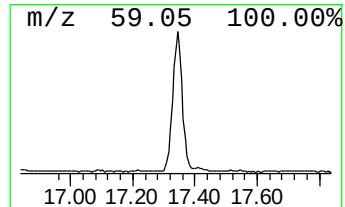
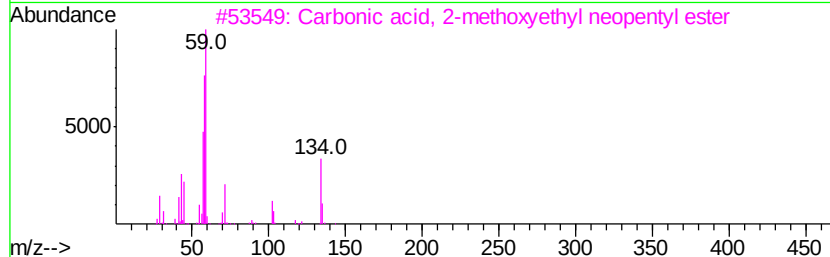
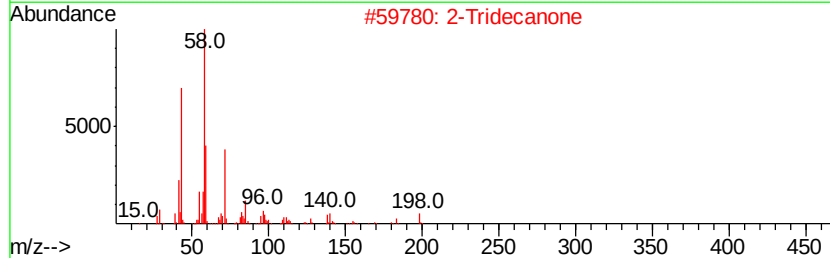
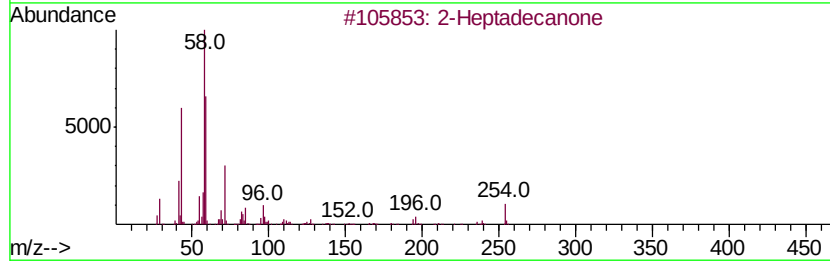
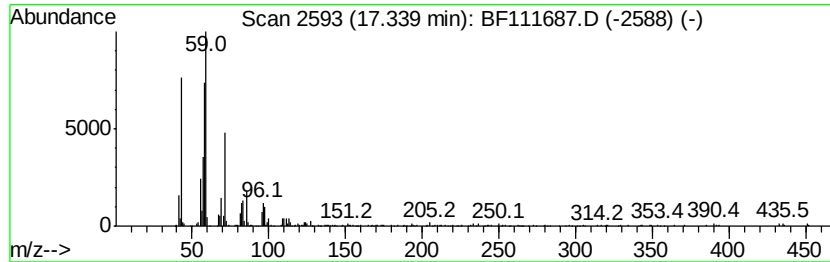
Instrument :
BNA_F
ClientSampleId :
P001-SS024-1218-01

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 2-Heptadecanone Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.34	24.47 ng	845209	Perylene-d12	15.54
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	2-Heptadecanone	254 C17H34O	002922-51-2	64
2	2-Tridecanone	198 C13H26O	000593-08-8	50
3	Carbonic acid, 2-methoxvethyl ne...	190 C9H18O4	1000331-42-7	50
4	Oxirane, tetramethyl-	100 C6H12O	005076-20-0	49
5	2-Pentadecanone	226 C15H30O	002345-28-0	49



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122118\
Data File : BF111687.D
Acq On : 21 Dec 2018 15:09
Operator : JU/SJ
Sample : J6447-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

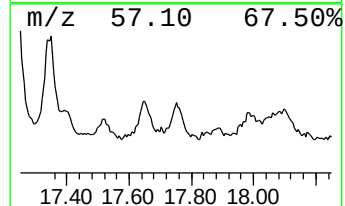
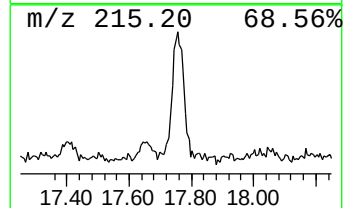
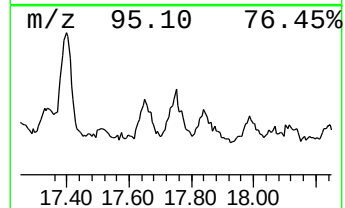
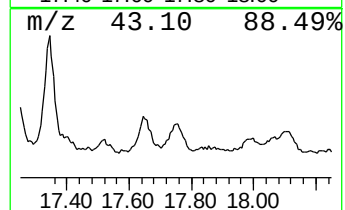
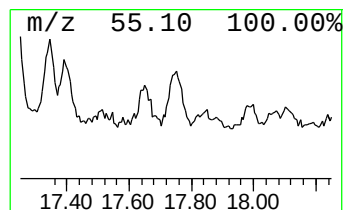
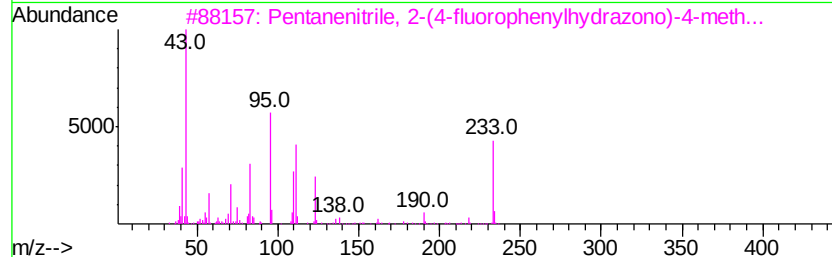
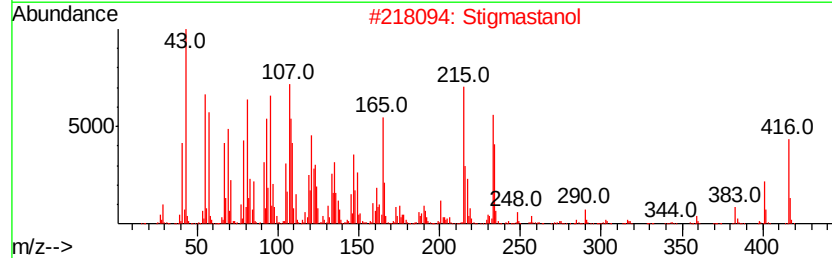
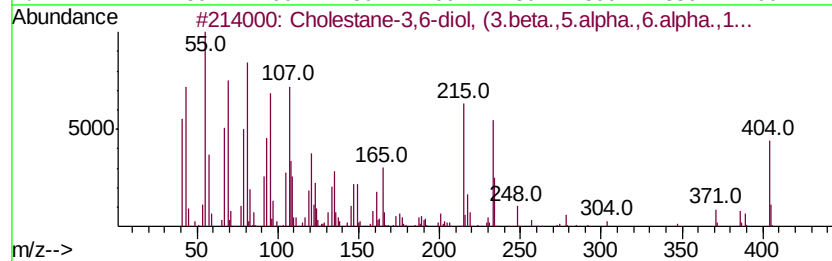
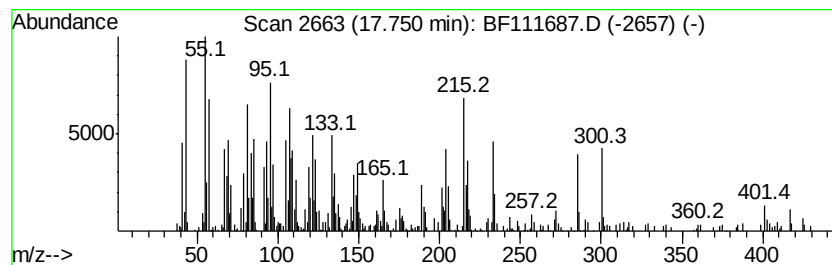
Instrument :
BNA_F
ClientSampleId :
P001-SS024-1218-01

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 unknown17.75 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.		
17.75	31.78 ng	1097750	Perylene-d12	15.54		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cholestane-3,6-diol, (3.beta.,5....	404	C27H48O2	041083-77-6	41
2		Stigmastanol	416	C29H52O	019466-47-8	38
3		Pentanenitrile, 2-(4-fluorophenv...	233	C12H12FN3O	1000269-22-3	30
4		Globulol	222	C15H26O	051371-47-2	22
5		Tetrahydrosmilagenin	420	C27H48O3	1000255-29-0	22



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF122118\
 Data File : BF111687.D
 Acq On : 21 Dec 2018 15:09
 Operator : JU/SJ
 Sample : J6447-04
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P001-SS024-1218-01

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
unknown6.67	6.67	64.7	ng	3944010	1	6.90	1219790	20.0
n-Hexadecanoic acid	11.95	25.0	ng	1501520	4	11.42	1201070	20.0
2,2',3,6,6'-Penta...	12.73	31.2	ng	1876170	4	11.42	1201070	20.0
2,3,3',4',5',6-He...	13.19	45.1	ng	2474780	5	14.06	1097930	20.0
2,3,3',4',5,6-Hex...	13.38	53.6	ng	2940500	5	14.06	1097930	20.0
1,1'-Biphenyl, 2,...	13.59	49.4	ng	2710170	5	14.06	1097930	20.0
2,2',3,4,4',6,6'-...	13.70	30.3	ng	1665080	5	14.06	1097930	20.0
9-Tricosene, (Z)-	13.90	138.5	ng	7603860	5	14.06	1097930	20.0
Oxalic acid, isob...	14.54	148.6	ng	8159790	5	14.06	1097930	20.0
Ethanol, 2-(octad...	14.85	32.2	ng	1113080	6	15.54	690815	20.0
1,37-Octatriacont...	14.99	29.0	ng	1002830	6	15.54	690815	20.0
Heneicosane	15.20	77.6	ng	2680110	6	15.54	690815	20.0
Fumaric acid, hex...	15.22	71.2	ng	2460770	6	15.54	690815	20.0
1,19-Eicosadiene	15.79	26.4	ng	911987	6	15.54	690815	20.0
Pentacosane	16.03	35.8	ng	1237850	6	15.54	690815	20.0
1-Heneicosanol	16.07	48.5	ng	1673440	6	15.54	690815	20.0
1-Octadecene	17.24	25.1	ng	866517	6	15.54	690815	20.0
2-Heptadecanone	17.34	24.5	ng	845209	6	15.54	690815	20.0
unknown17.75	17.75	31.8	ng	1097750	6	15.54	690815	20.0