

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF122018\
 Data File : BF111657.D
 Acq On : 20 Dec 2018 23:45
 Operator : JU/SJ
 Sample : J6447-02 5X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P001-SS024-0006-01

Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Sampling : 1

Start Thrs: 0.2

Stop Thrs : 0

Filtering: 5

Min Area: 3 % of largest Peak

Max Peaks: 100

Peak Location: TOP

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

Peak separation: 5

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

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.193	15	18	23	rVB	26171	37692	2.23%	0.153%
2	3.998	320	325	329	rBV	64613	80322	4.75%	0.326%
3	5.104	508	513	518	rBV	53081	54015	3.19%	0.219%
4	5.510	578	582	586	rBV	1082768	916826	54.19%	3.717%
5	6.439	737	740	744	rVV	316540	246898	14.59%	1.001%
6	6.510	748	752	759	rBV	1221487	1009819	59.69%	4.094%
7	6.663	774	778	781	rBV	1109160	964520	57.01%	3.910%
8	6.898	814	818	821	rVB	1428049	1209357	71.48%	4.903%
9	6.975	829	831	836	rVB	23445	21181	1.25%	0.086%
10	7.051	841	844	848	rVB	880326	694237	41.04%	2.815%
11	7.445	907	911	915	rBV	730119	577200	34.12%	2.340%
12	7.798	967	971	976	rBV	57857	55365	3.27%	0.224%
13	7.857	976	981	984	rBV	42542	41759	2.47%	0.169%
14	8.175	1031	1035	1039	rBV	1719490	1508747	89.18%	6.117%
15	8.375	1065	1069	1072	rVB	37963	29792	1.76%	0.121%
16	8.733	1124	1130	1133	rBV	82181	71749	4.24%	0.291%
17	8.839	1143	1148	1152	rBV	13764	17283	1.02%	0.070%
18	8.880	1152	1155	1161	rVB	45143	40307	2.38%	0.163%
19	9.251	1214	1218	1221	rBV	971667	796639	47.09%	3.230%
20	9.380	1237	1240	1242	rBV	30442	25264	1.49%	0.102%
21	9.404	1242	1244	1247	rVB	41840	34012	2.01%	0.138%
22	9.439	1247	1250	1255	rVB	33380	29201	1.73%	0.118%
23	9.592	1271	1276	1281	rBV4	32827	34703	2.05%	0.141%
24	9.639	1281	1284	1289	rBV2	77122	94947	5.61%	0.385%
25	9.751	1300	1303	1306	rBV	695878	592244	35.01%	2.401%
26	9.933	1330	1334	1337	rVB	1626954	1450180	85.72%	5.879%
27	10.710	1463	1466	1477	rVB2	483225	471108	27.85%	1.910%
28	10.963	1506	1509	1512	rBV2	23606	19280	1.14%	0.078%
29	11.057	1523	1525	1531	rBV3	31562	34544	2.04%	0.140%
30	11.121	1534	1536	1539	rBV	29245	22132	1.31%	0.090%
31	11.251	1554	1558	1562	rBV	57083	52247	3.09%	0.212%
32	11.410	1582	1585	1589	rVB	1259528	1168727	69.08%	4.738%
33	11.468	1589	1595	1599	rVB4	54660	70739	4.18%	0.287%
34	11.574	1611	1613	1615	rVB2	28197	21395	1.26%	0.087%

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 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

35	11.639	1615	1624	1629	rBV3	21610	27938	1.65%	0.113%
36	11.933	1670	1674	1684	rBV2	94665	109557	6.48%	0.444%
37	12.027	1684	1690	1693	rVB7	18414	19697	1.16%	0.080%
38	12.121	1702	1706	1711	rVB6	17503	24212	1.43%	0.098%
39	12.204	1717	1720	1729	rVB4	59289	69329	4.10%	0.281%
40	12.274	1729	1732	1735	rBV	50649	46195	2.73%	0.187%
41	12.504	1766	1771	1773	rBV	39866	40075	2.37%	0.162%
42	12.545	1773	1778	1784	rVB4	60270	79187	4.68%	0.321%
43	12.680	1796	1801	1805	rBV3	39519	37259	2.20%	0.151%
44	12.721	1805	1808	1812	rBV2	103170	87078	5.15%	0.353%
45	12.874	1831	1834	1836	rBV3	25446	23627	1.40%	0.096%
46	12.898	1836	1838	1843	rVB4	17768	18904	1.12%	0.077%
47	12.992	1850	1854	1859	rVB	672450	575791	34.03%	2.334%
48	13.092	1868	1871	1874	rBV	58461	45123	2.67%	0.183%
49	13.133	1874	1878	1883	rVB4	26682	36148	2.14%	0.147%
50	13.186	1883	1887	1889	rBV	162583	165617	9.79%	0.671%
51	13.233	1892	1895	1899	rVB	149909	128424	7.59%	0.521%
52	13.321	1907	1910	1912	rBV2	19754	17068	1.01%	0.069%
53	13.374	1915	1919	1922	rVB2	194628	183845	10.87%	0.745%
54	13.404	1922	1924	1929	rBV4	49341	48560	2.87%	0.197%
55	13.445	1929	1931	1934	rBV2	29997	36291	2.15%	0.147%
56	13.480	1934	1937	1941	rVV3	71002	82030	4.85%	0.333%
57	13.551	1945	1949	1950	rBV4	23667	30732	1.82%	0.125%
58	13.586	1950	1955	1959	rVB2	131167	199843	11.81%	0.810%
59	13.692	1969	1973	1977	rVB	155907	140070	8.28%	0.568%
60	13.733	1977	1980	1985	rVB3	44409	50725	3.00%	0.206%
61	13.892	2002	2007	2014	rBV2	640103	1018068	60.18%	4.128%
62	13.951	2014	2017	2020	rVB2	42732	43220	2.55%	0.175%
63	14.045	2029	2033	2037	rVB	1470277	1289337	76.21%	5.227%
64	14.080	2037	2039	2042	rVB	193938	167874	9.92%	0.681%
65	14.215	2059	2062	2067	rBV3	111099	146732	8.67%	0.595%
66	14.304	2074	2077	2080	rBV	78476	84532	5.00%	0.343%
67	14.339	2080	2083	2087	rVV2	123867	123075	7.27%	0.499%
68	14.392	2089	2092	2094	rVB3	37326	29053	1.72%	0.118%
69	14.521	2111	2114	2121	rBV	1609317	1691764	100.00%	6.859%
70	14.574	2121	2123	2127	rVB4	48271	50132	2.96%	0.203%
71	14.645	2133	2135	2141	rVB3	43618	41660	2.46%	0.169%

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Integrator: RTE
Smoothing : ON Filtering: 5
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	14.762	2152	2155	2157	rBV3	33734	32392	1.91%	0.131%
73	14.809	2159	2163	2165	rVV	156700	180815	10.69%	0.733%
74	14.833	2165	2167	2176	rVB3	144473	229878	13.59%	0.932%
75	14.980	2188	2192	2196	rVB	201392	222295	13.14%	0.901%
76	15.180	2221	2226	2227	rBV	648121	746380	44.12%	3.026%
77	15.256	2236	2239	2248	rVB2	89247	123524	7.30%	0.501%
78	15.345	2252	2254	2260	rVB4	48508	51791	3.06%	0.210%
79	15.521	2279	2284	2288	rBV	782929	925898	54.73%	3.754%
80	15.562	2288	2291	2295	rBV	69582	94015	5.56%	0.381%
81	15.768	2322	2326	2336	rVB	260309	403417	23.85%	1.636%
82	16.009	2363	2367	2371	rBV	299875	449052	26.54%	1.821%
83	16.056	2371	2375	2381	rVV	242119	378981	22.40%	1.536%
84	16.133	2384	2388	2392	rVB	92997	134965	7.98%	0.547%
85	16.256	2406	2409	2412	rBV4	34599	50568	2.99%	0.205%
86	16.821	2500	2505	2512	rBV3	162691	298193	17.63%	1.209%
87	17.209	2567	2571	2578	rVB4	72363	143751	8.50%	0.583%
88	17.321	2585	2590	2594	rBV4	57619	118592	7.01%	0.481%
89	17.368	2596	2598	2606	rVB3	79334	141177	8.34%	0.572%
90	17.621	2635	2641	2647	rBV5	102442	215126	12.72%	0.872%
91	17.721	2653	2658	2668	rVB5	93903	221264	13.08%	0.897%

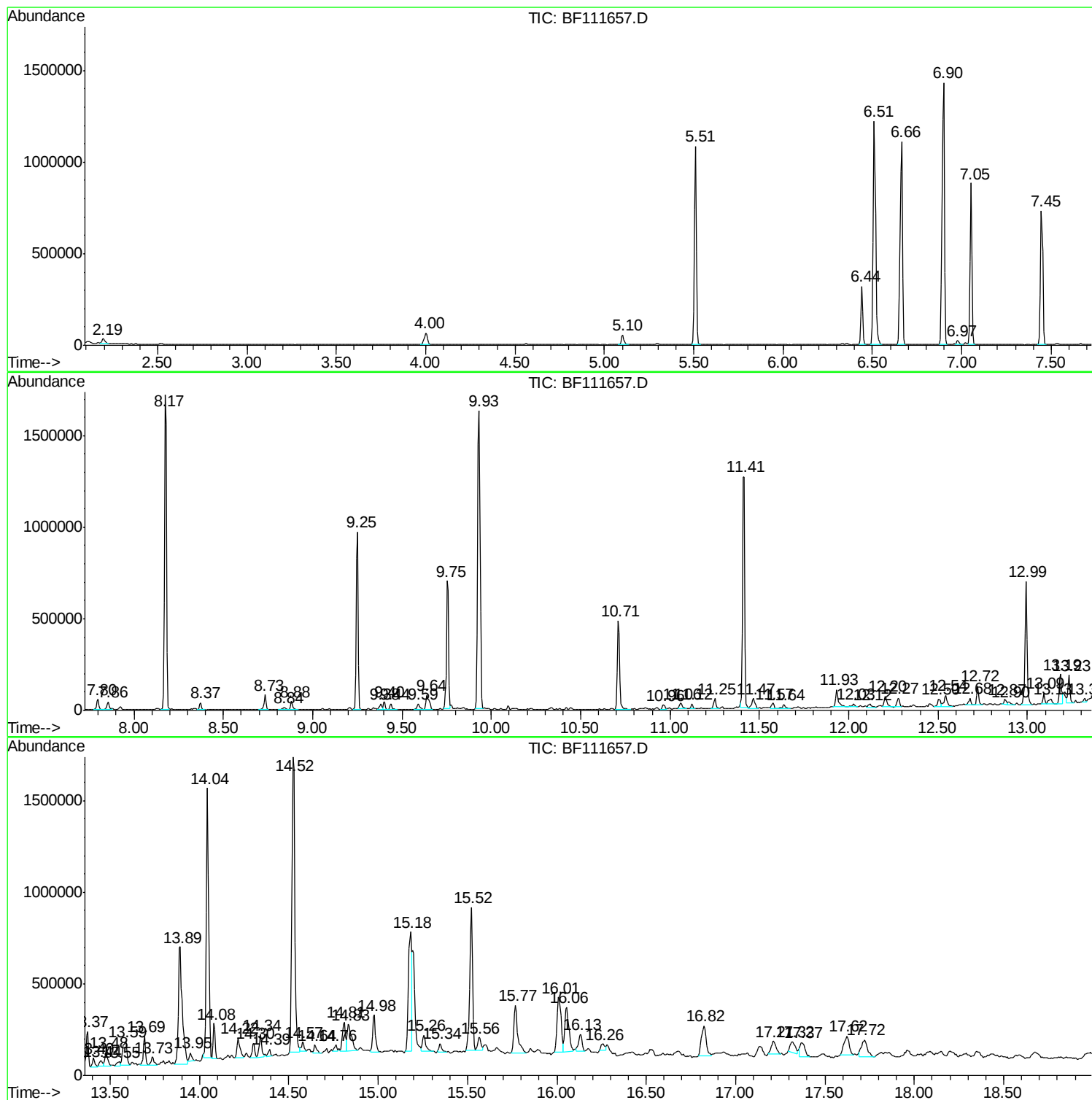
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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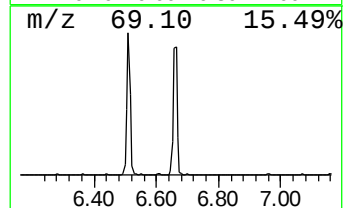
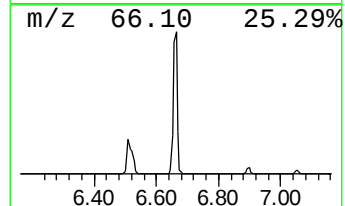
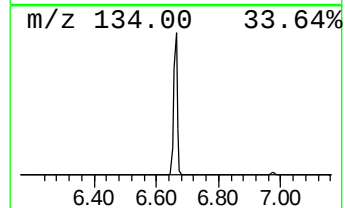
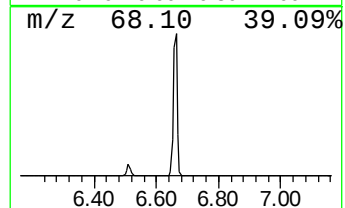
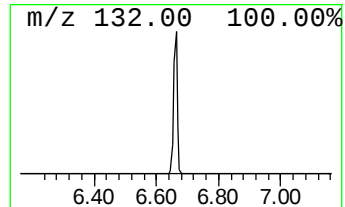
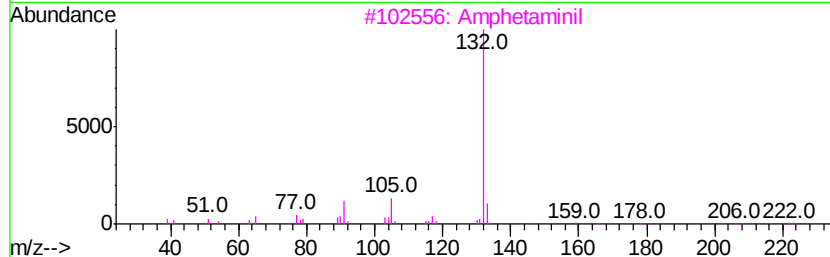
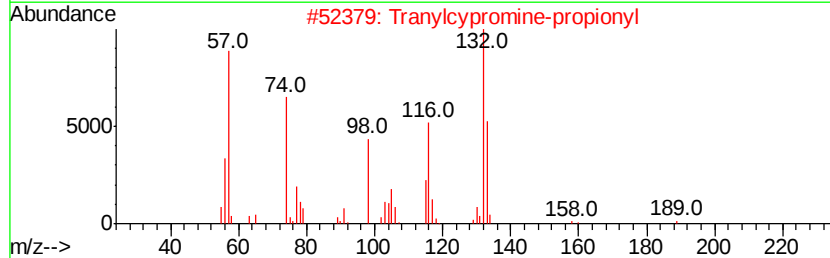
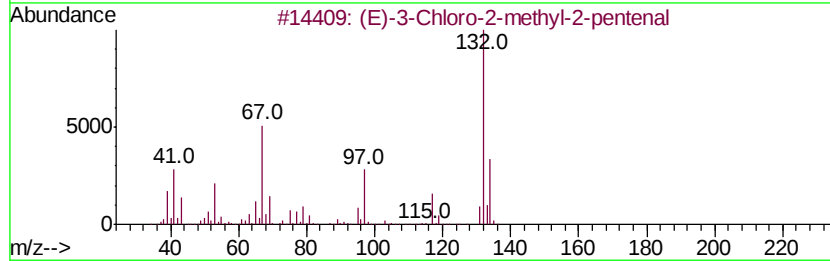
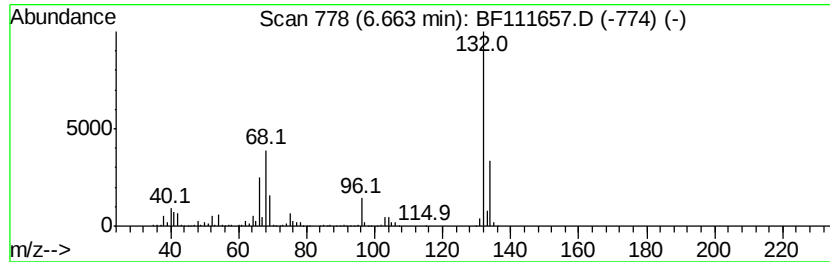
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown6.66 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.66	15.95 ng	964520	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	16
2		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
3		Amphetaminil	250	C17H18N2	017590-01-1	12
4		N-(-phenylisopropyl)benzalimine	223	C16H17N	1000379-01-3	10
5		2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9



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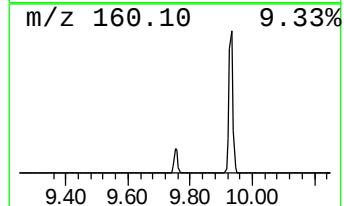
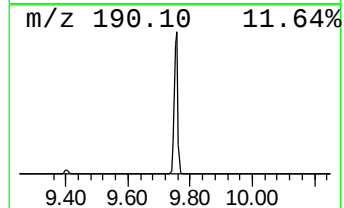
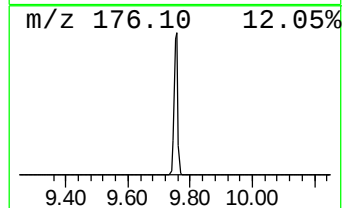
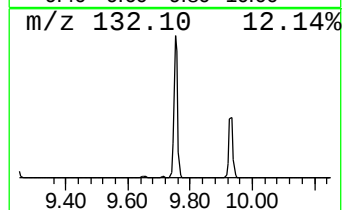
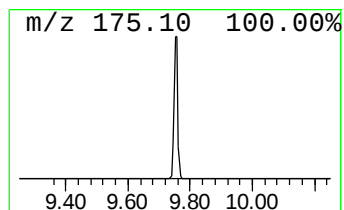
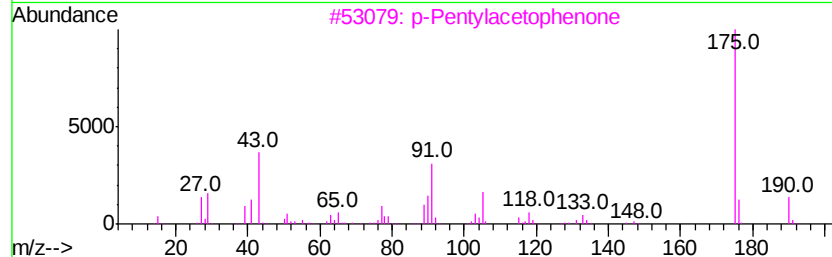
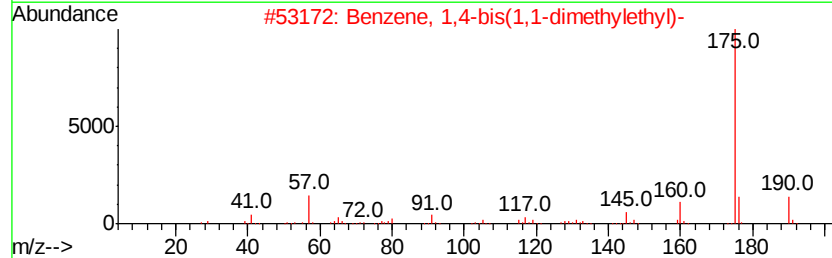
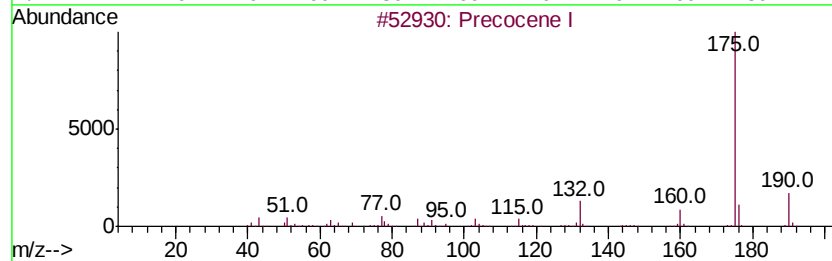
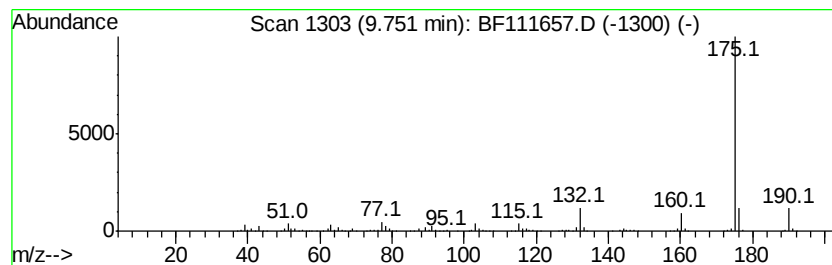
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121918.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Precocene I Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.75	8.17 ng	592244	Acenaphthene-d10	9.93

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Precocene I	190	C12H14O2	017598-02-6	94
2		Benzene, 1,4-bis(1,1-dimethyleth...	190	C14H22	001012-72-2	72
3		p-Pentylacetophenone	190	C13H18O	037593-02-5	64
4		Benzene, 1,3-bis(1,1-dimethyleth...	190	C14H22	001014-60-4	59
5		5-Methoxy-2,3-dimethylindole	175	C11H13NO	000828-94-4	59



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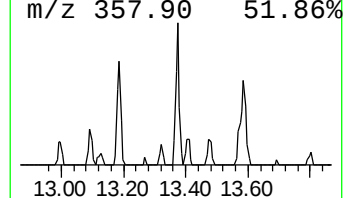
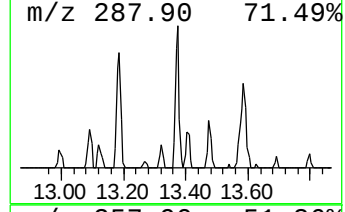
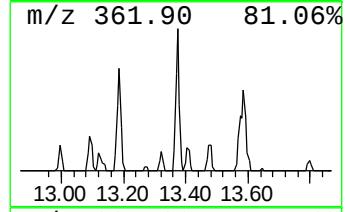
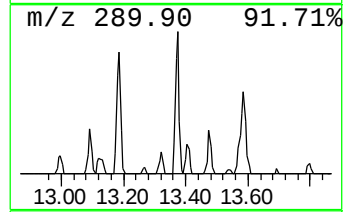
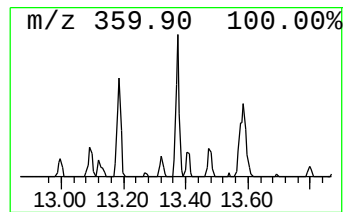
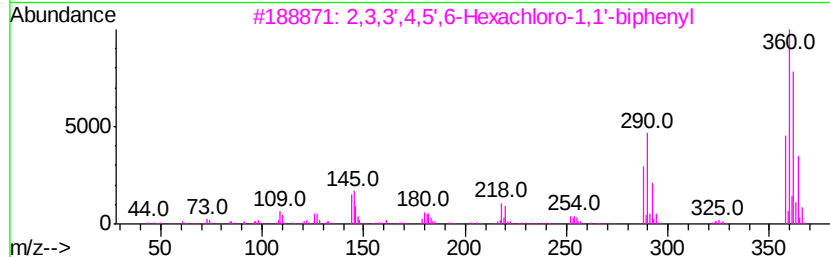
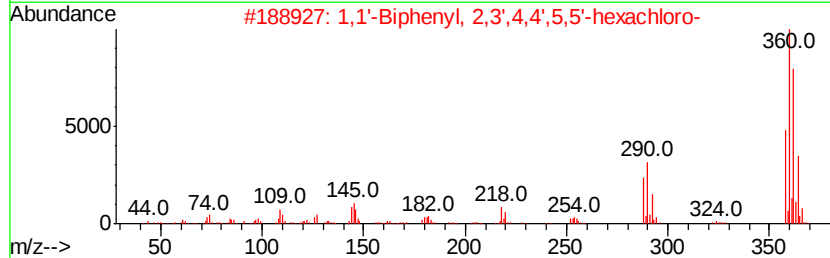
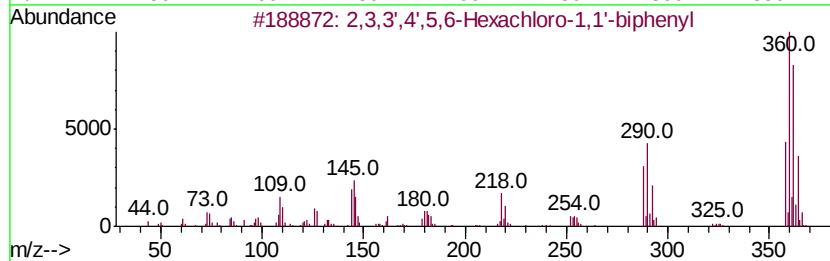
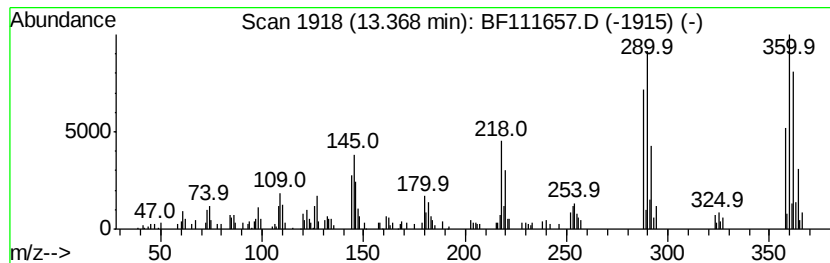
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 2,3,3',4',5,6-Hexachloro-1,... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.37	2.85 ng	183845	Chrysene-d12	14.04

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,3,3',4',5,6-Hexachloro-1,1'-bi...	358	C12H4Cl6	074472-44-9	99		
2	1,1'-Biphenyl, 2,3',4,4',5,5'-he...	358	C12H4Cl6	052663-72-6	99		
3	2,3,3',4,5',6-Hexachloro-1,1'-bi...	358	C12H4Cl6	074472-43-8	99		
4	2,3,3',4,4',6-Hexachloro-1,1'-bi...	358	C12H4Cl6	074472-42-7	99		
5	1,1'-Biphenyl, 2,2',4,4',6,6'-he...	358	C12H4Cl6	033979-03-2	99		



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122018\
Data File : BF111657.D
Acq On : 20 Dec 2018 23:45
Operator : JU/SJ
Sample : J6447-02 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

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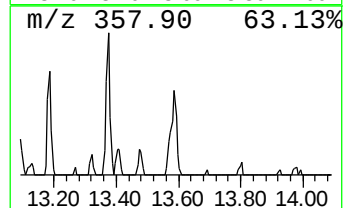
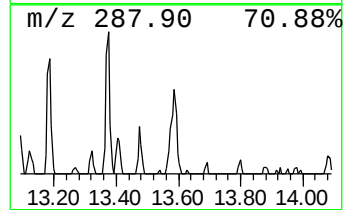
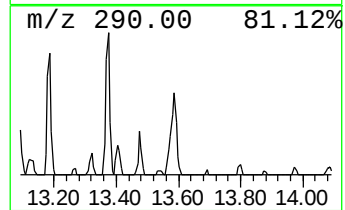
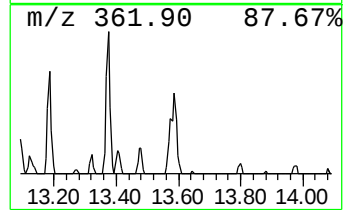
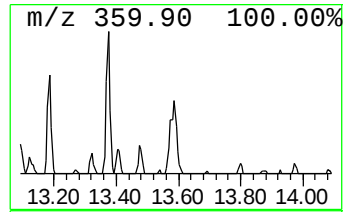
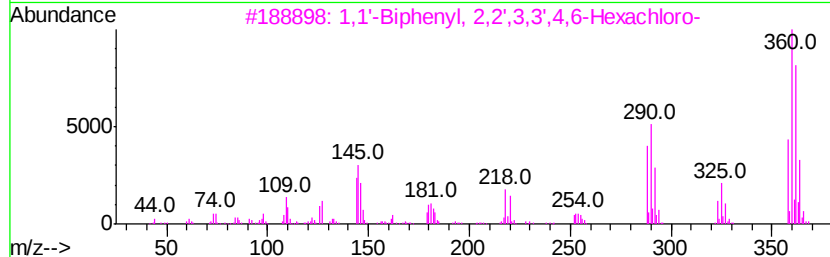
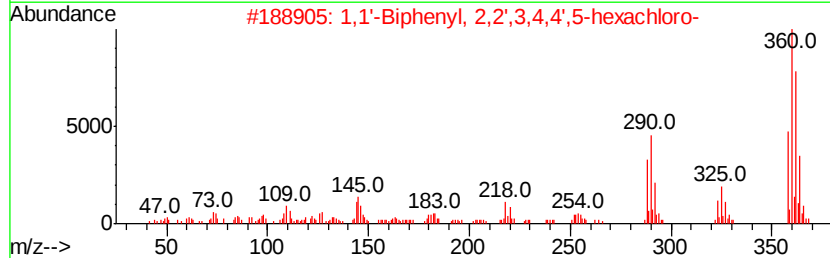
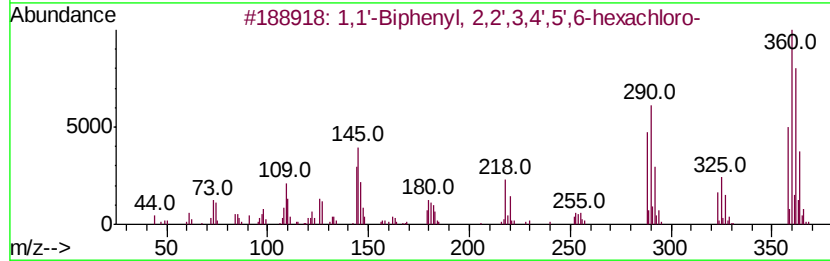
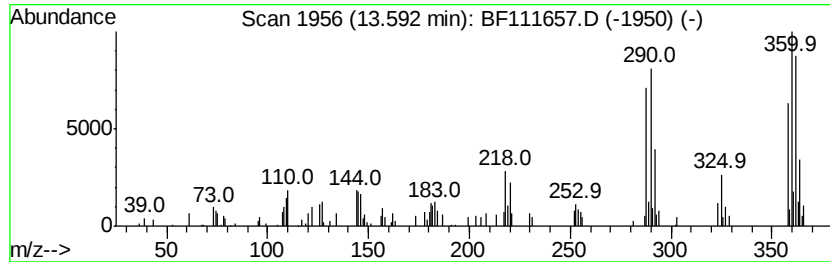
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 1,1'-Biphenyl, 2,2',3,4',5'... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.59	3.10 ng	199843	Chrysene-d12	14.04

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,1'-Biphenyl, 2,2',3,4',5',6-he...	358	C12H4Cl6	038380-04-0	99
2		1,1'-Biphenyl, 2,2',3,4,4',5-hex...	358	C12H4Cl6	035694-06-5	99
3		1,1'-Biphenyl, 2,2',3,3',4,6-Hex...	358	C12H4Cl6	061798-70-7	99
4		1,1'-Biphenyl, 2,2',3,4',5,5'-he...	358	C12H4Cl6	051908-16-8	99
5		1,1'-Biphenyl, 2,2',3,4,5,5'-hex...	358	C12H4Cl6	052712-04-6	99



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122018\
Data File : BF111657.D
Acq On : 20 Dec 2018 23:45
Operator : JU/SJ
Sample : J6447-02 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
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ClientSampleId :
P001-SS024-0006-01

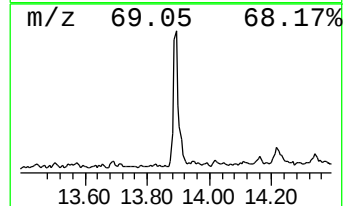
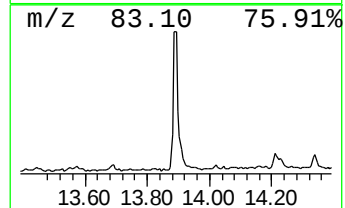
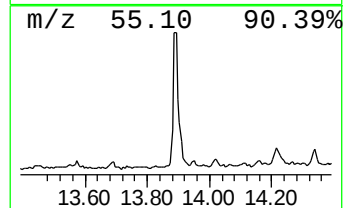
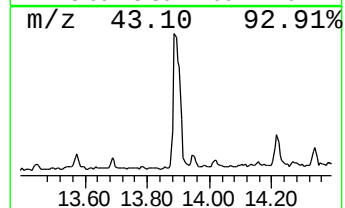
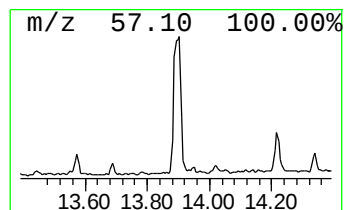
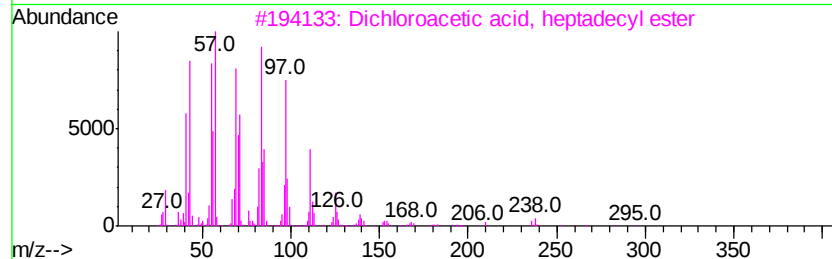
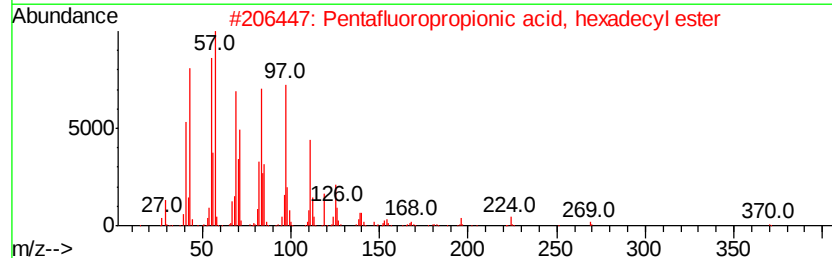
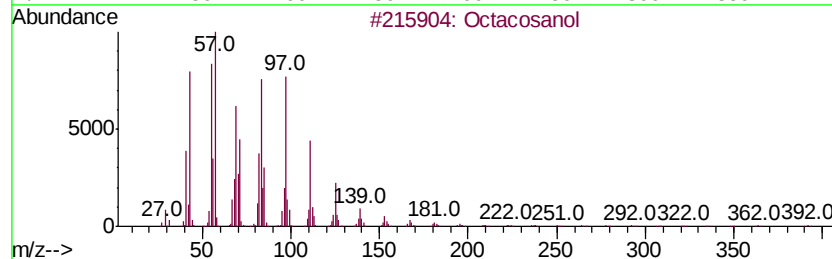
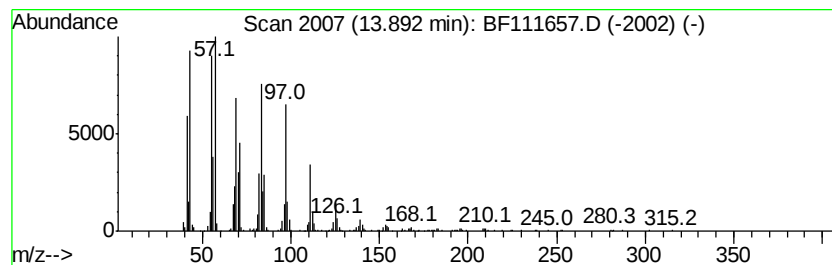
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Octacosanol Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.89	15.79 ng	1018070	Chrysene-d12	14.04

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octacosanol	410	C28H58O	000557-61-9	94
2		Pentafluoropropionic acid, hexadecyl ester	388	C19H33F5O2	006222-07-7	94
3		Dichloroacetic acid, heptadecyl ester	366	C19H36Cl2O2	1000282-98-2	94
4		Heptafluorobutyric acid, pentadecyl ester	424	C19H31F7O2	959261-23-5	94
5		Heptafluorobutyric acid, n-octadecyl ester	466	C22H37F7O2	000400-57-7	94



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122018\
Data File : BF111657.D
Acq On : 20 Dec 2018 23:45
Operator : JU/SJ
Sample : J6447-02 5X
Misc :
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ClientSampleId :
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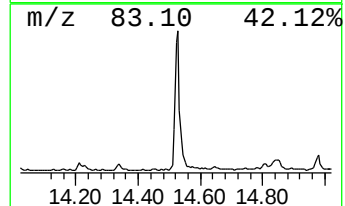
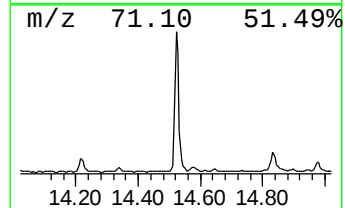
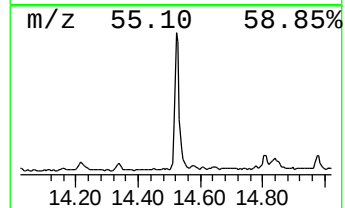
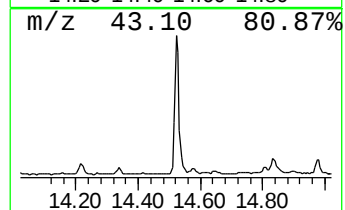
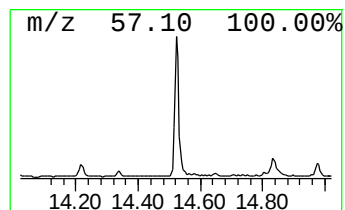
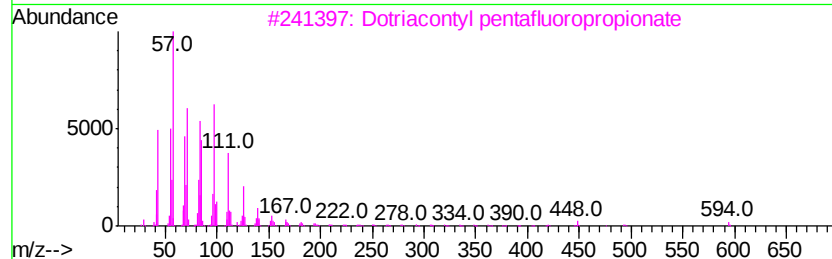
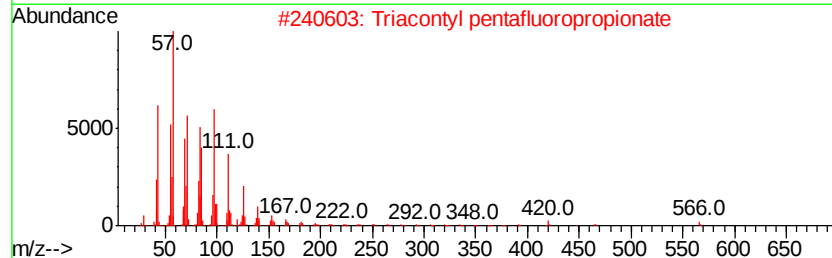
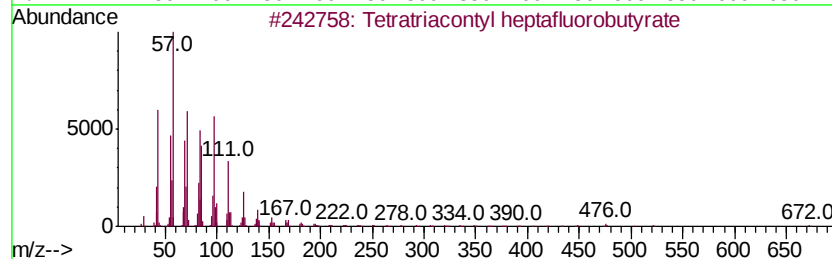
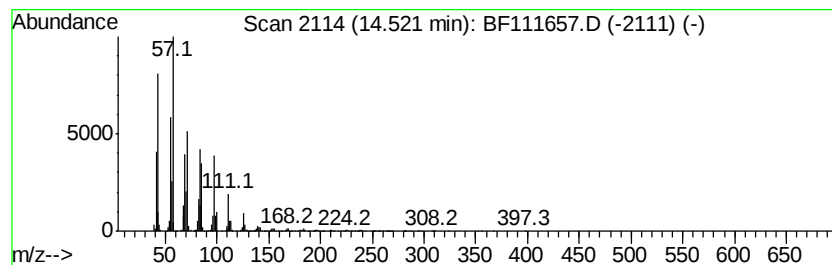
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Tetratriacontyl heptafluoro... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.52	26.24 ng	1691760	Chrysene-d12	14.04

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetratriacontyl heptafluorobutyrate	691	C38H69F7O2	1000351-84-1	91
2		Triacetyl pentafluoropropionate	584	C33H61F5O2	1000351-80-0	91
3		Dotriacontyl pentafluoropropionate	612	C35H65F5O2	1000351-81-4	91
4		Octacosyl trifluoroacetate	506	C30H57F3O2	1000351-74-9	91
5		Octacosyl heptafluorobutyrate	606	C32H57F7O2	1000351-83-6	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122018\
Data File : BF111657.D
Acq On : 20 Dec 2018 23:45
Operator : JU/SJ
Sample : J6447-02 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

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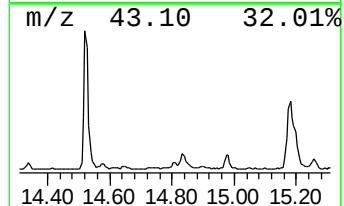
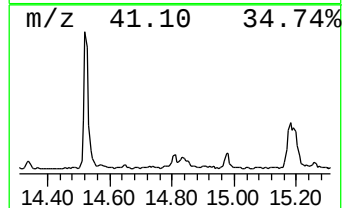
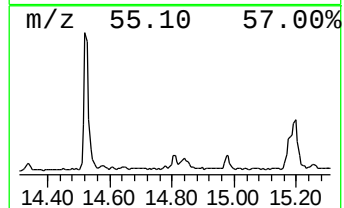
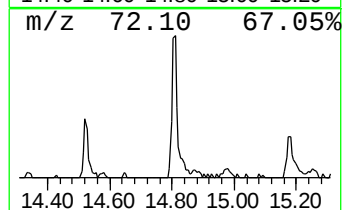
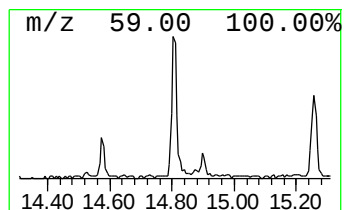
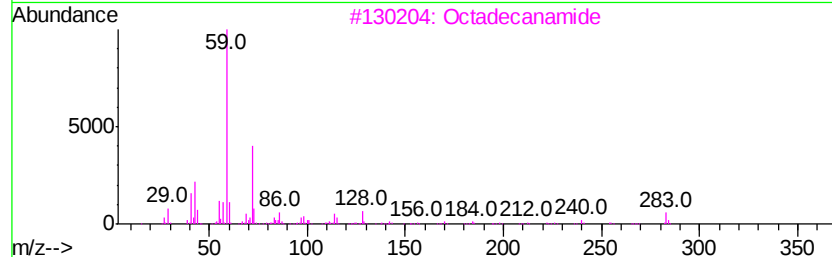
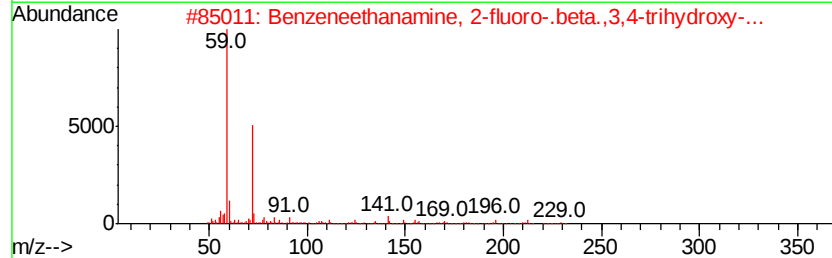
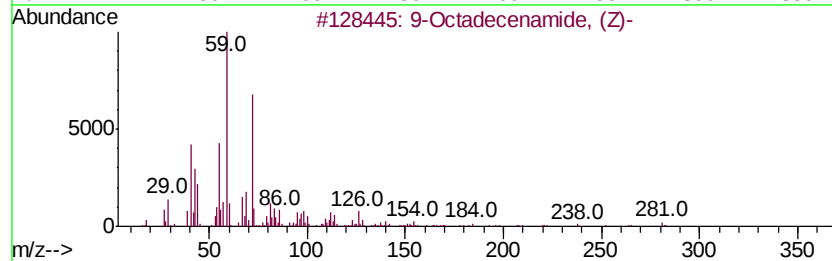
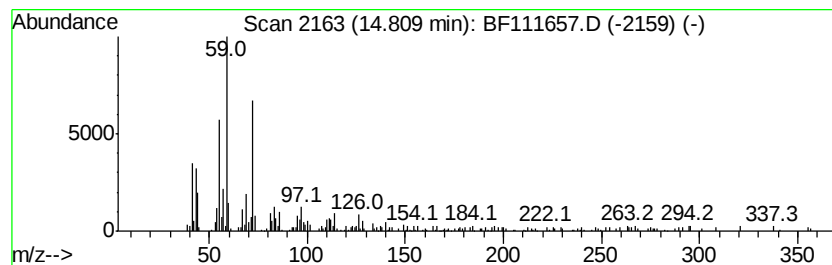
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 9-Octadecenamide, (Z)- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.81	3.91 ng	180815	Perylene-d12	15.52

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	78
2		Benzeneethanamine, 2-fluoro-.bet...	229	C11H16FN03	061338-98-5	59
3		Octadecanamide	283	C18H37NO	000124-26-5	53
4		Tetradecanamide	227	C14H29NO	000638-58-4	53
5		7-Nonenamide	155	C9H17NO	090949-53-4	50



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122018\
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Sample : J6447-02 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

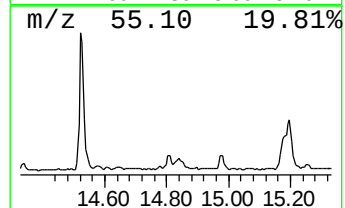
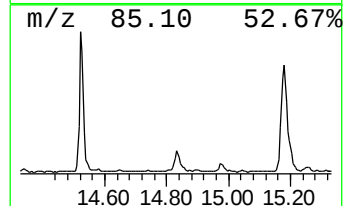
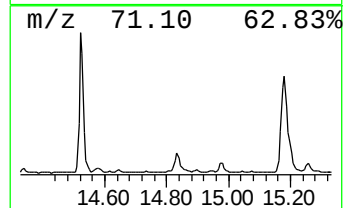
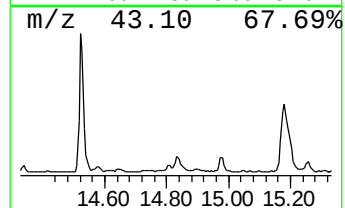
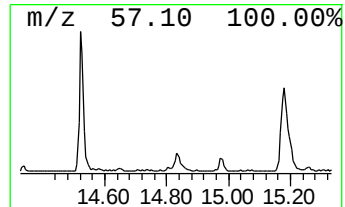
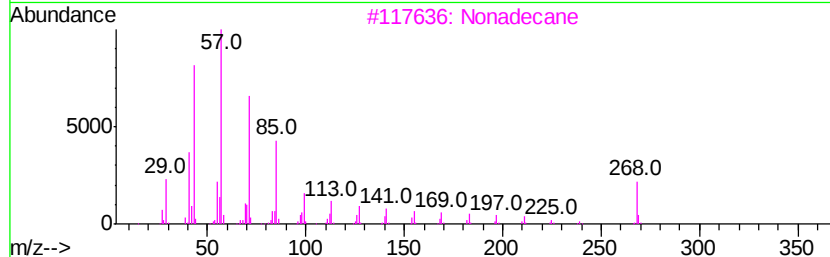
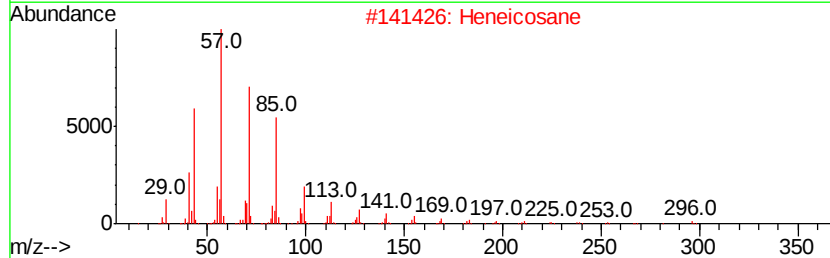
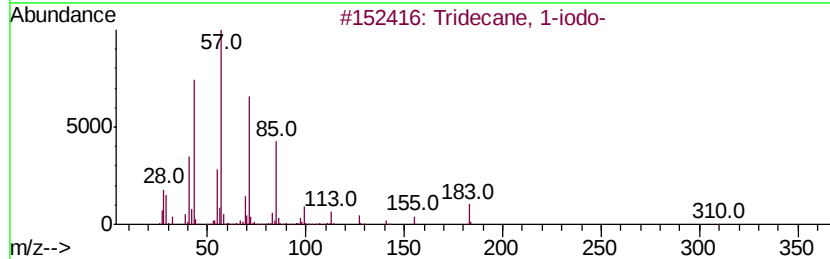
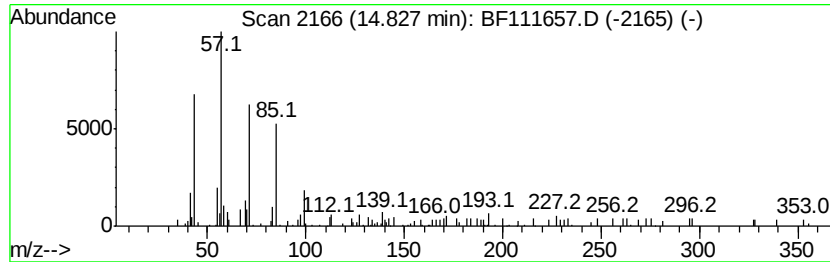
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Tridecane, 1-iodo- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.	
14.83	4.97 ng	229878	Perylene-d12	15.52	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	80
2	Heneicosane	296	C21H44	000629-94-7	72
3	Nonadecane	268	C19H40	000629-92-5	70
4	Hexatriacontane	507	C36H74	000630-06-8	68
5	Tridecane, 7-hexyl-	268	C19H40	007225-66-3	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122018\
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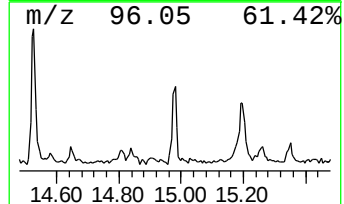
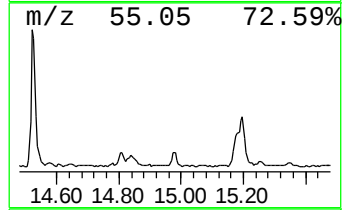
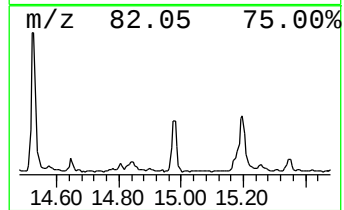
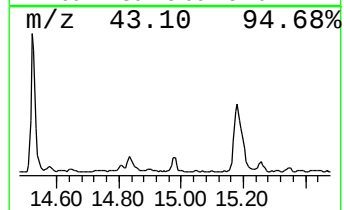
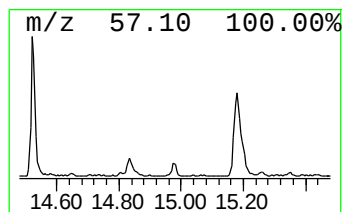
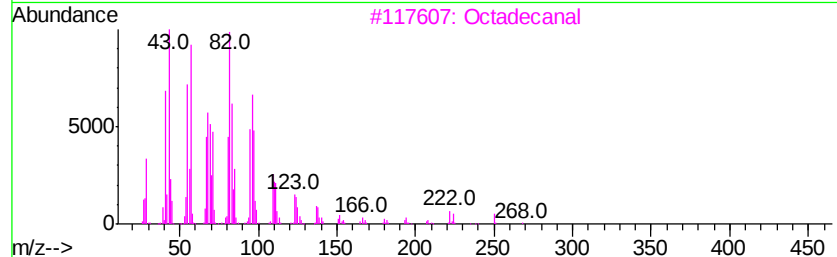
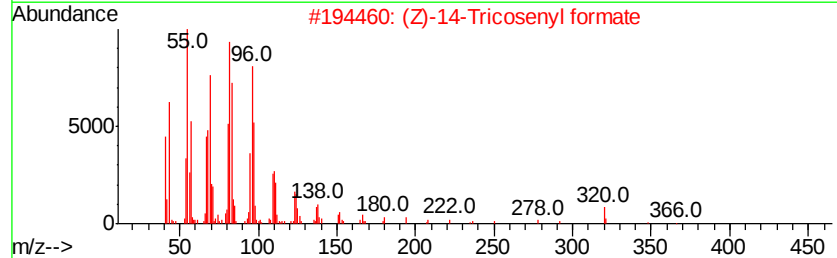
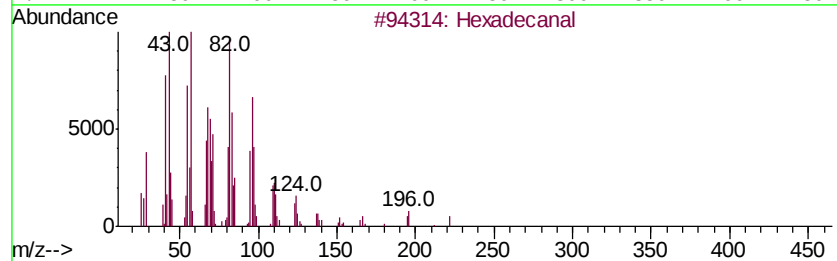
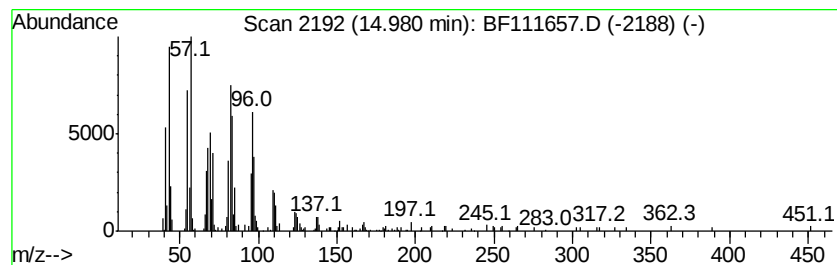
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Hexadecanal Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.	
14.98	4.80 ng	222295	Perylene-d12	15.52	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanal	240	C16H32O	000629-80-1	91
2	(Z)-14-Tricosenyl formate	366	C24H46O2	077899-10-6	91
3	Octadecanal	268	C18H36O	000638-66-4	91
4	Tetracosanal	352	C24H48O	057866-08-7	87
5	1,19-Eicosadiene	278	C20H38	014811-95-1	87



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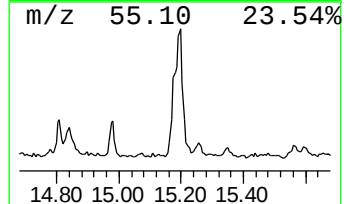
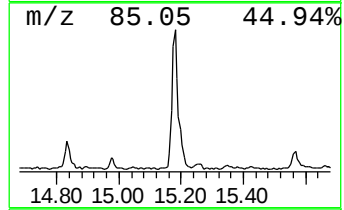
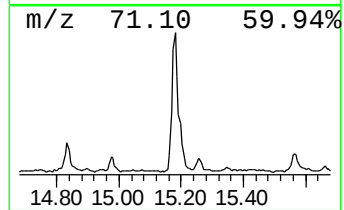
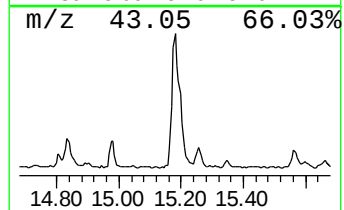
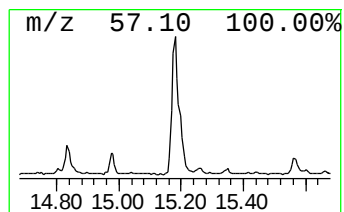
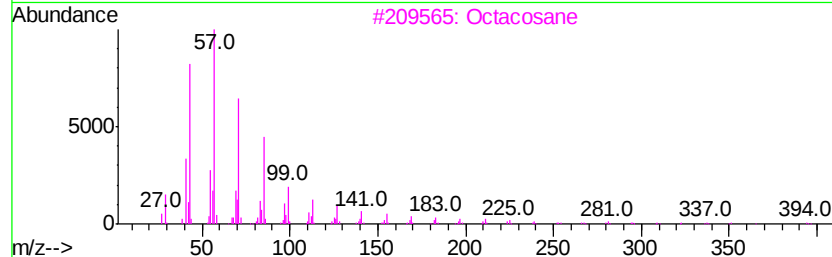
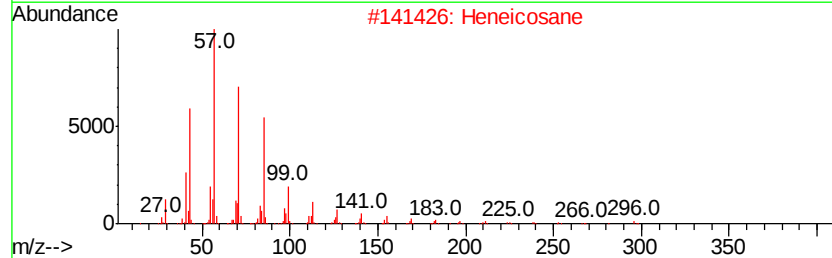
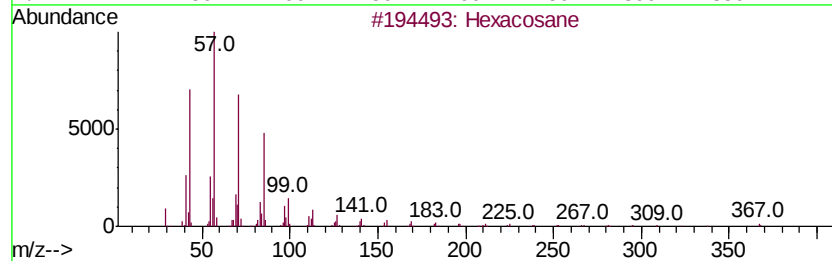
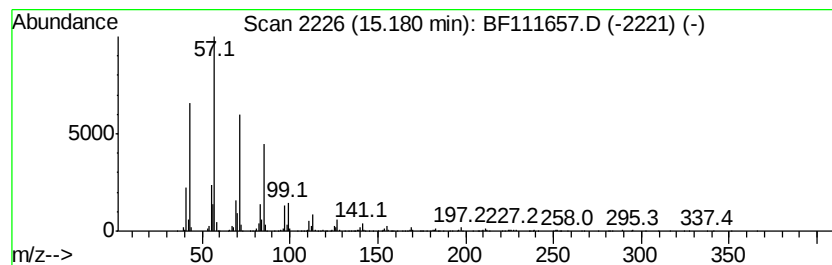
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Hexacosane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD		R.T.	
15.18	16.12 ng	746380	Perylene-d12		15.52	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Hexacosane	366	C26H54	000630-01-3	94
2		Heneicosane	296	C21H44	000629-94-7	91
3		Octacosane	394	C28H58	000630-02-4	91
4		Triacontane	422	C30H62	000638-68-6	91
5		Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122018\
Data File : BF111657.D
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Operator : JU/SJ
Sample : J6447-02 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

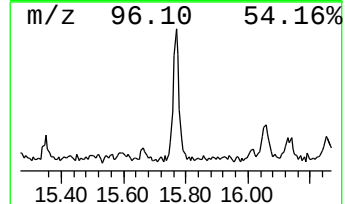
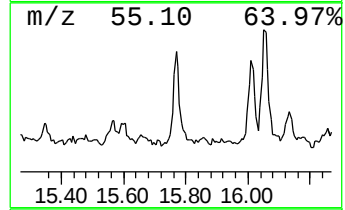
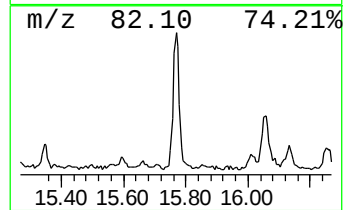
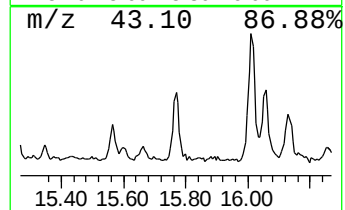
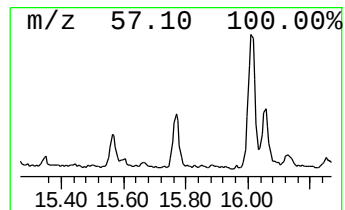
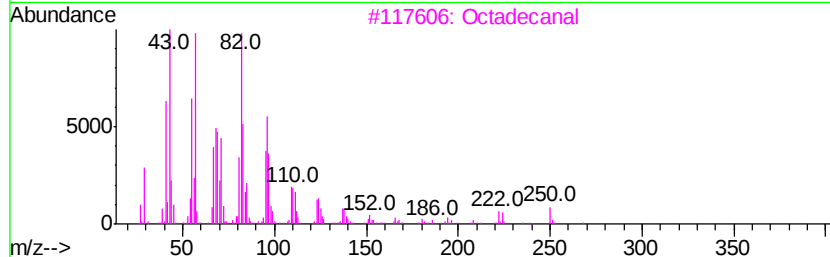
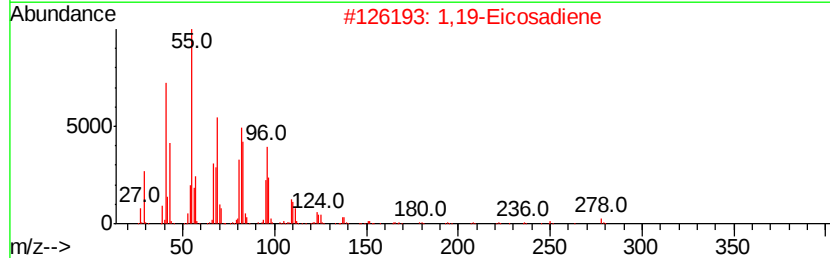
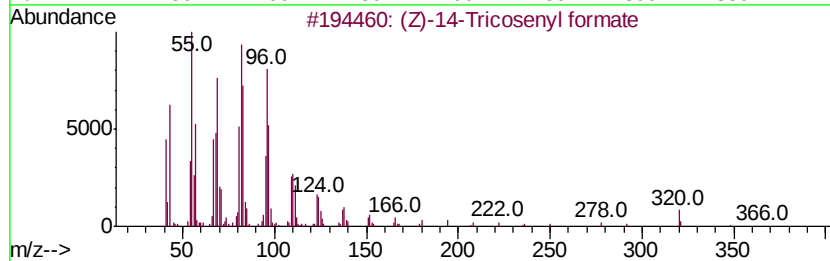
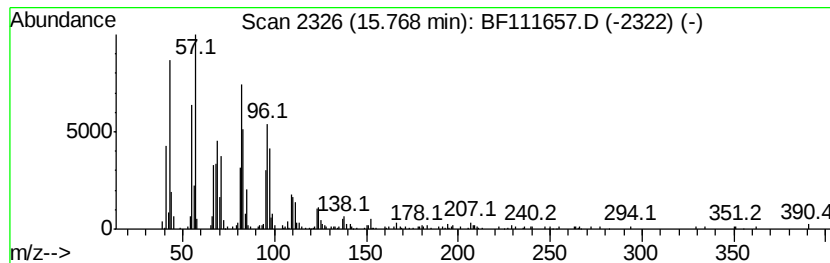
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 (Z)-14-Tricosenyl formate Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD		R.T.
15.77	8.71 ng	403417	Perylene-d12		15.52
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(Z)-14-Tricosenyl formate	366	C24H46O2	077899-10-6	93
2	1,19-Eicosadiene	278	C20H38	014811-95-1	90
3	Octadecanal	268	C18H36O	000638-66-4	90
4	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	90
5	Hexadecanal	240	C16H32O	000629-80-1	90



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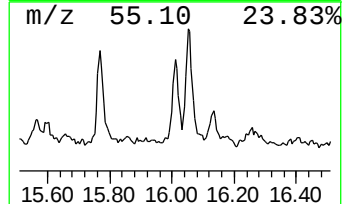
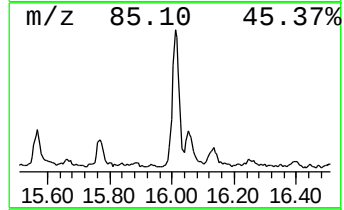
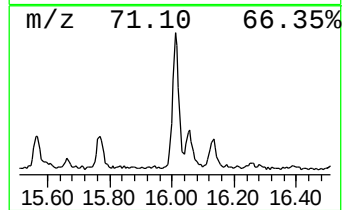
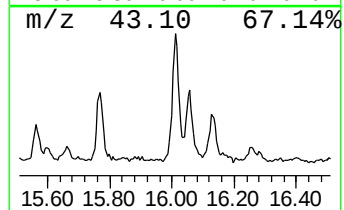
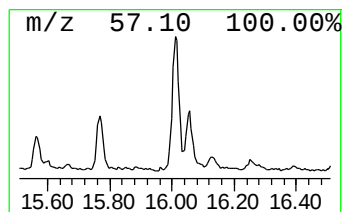
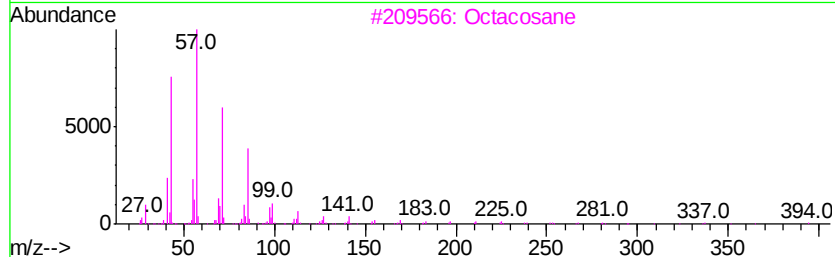
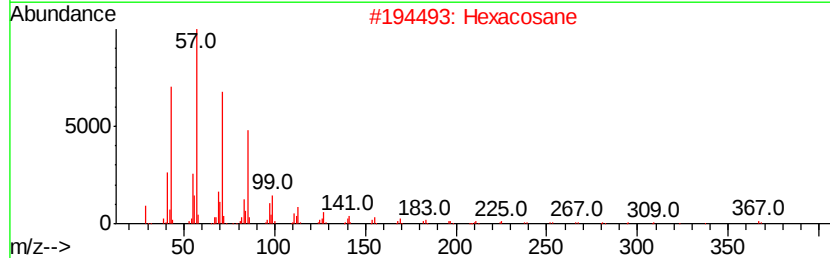
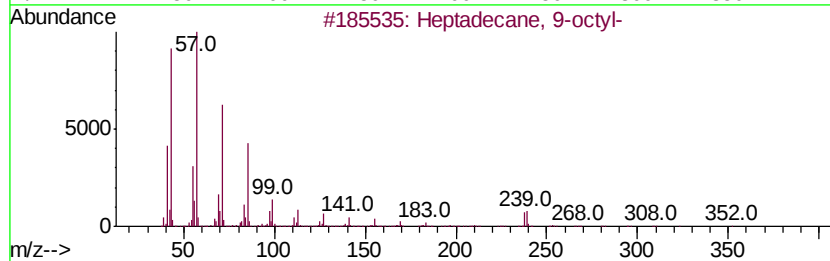
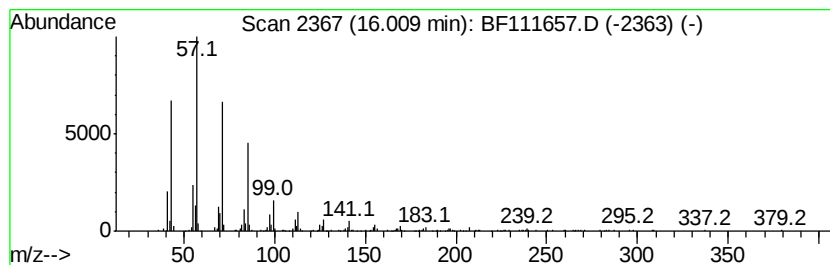
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Heptadecane, 9-octyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.01	9.70 ng	449052	Perylene-d12	15.52

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
2		Hexacosane	366	C26H54	000630-01-3	91
3		Octacosane	394	C28H58	000630-02-4	91
4		2-methyloctacosane	408	C29H60	1000376-72-8	91
5		Tetracosane	338	C24H50	000646-31-1	91



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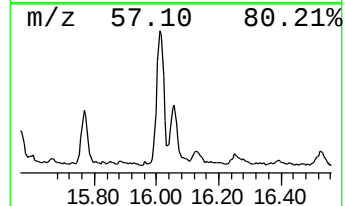
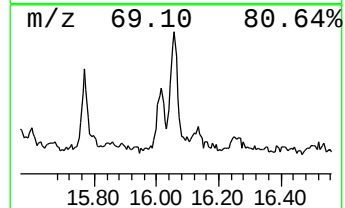
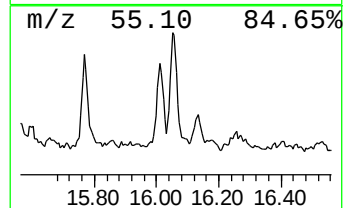
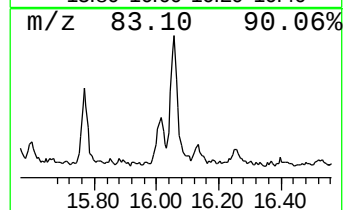
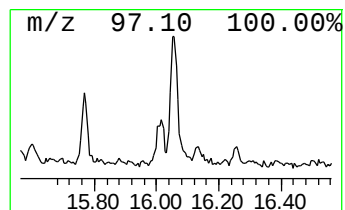
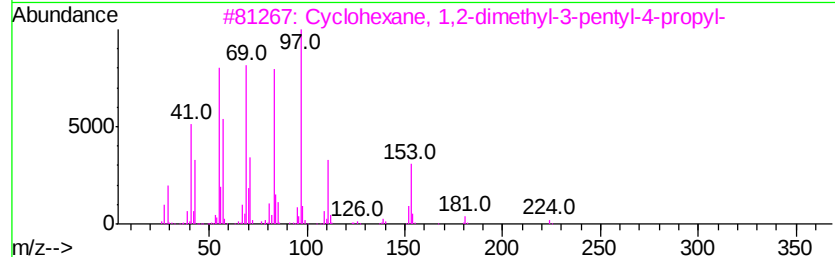
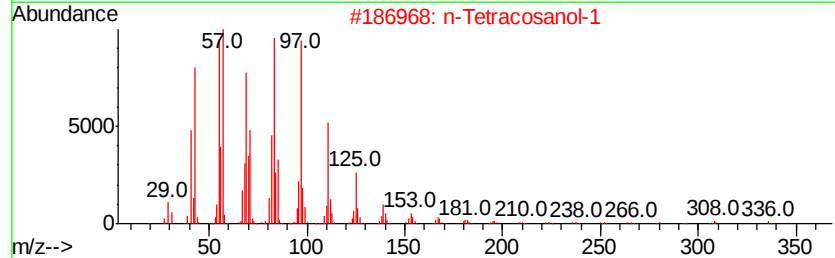
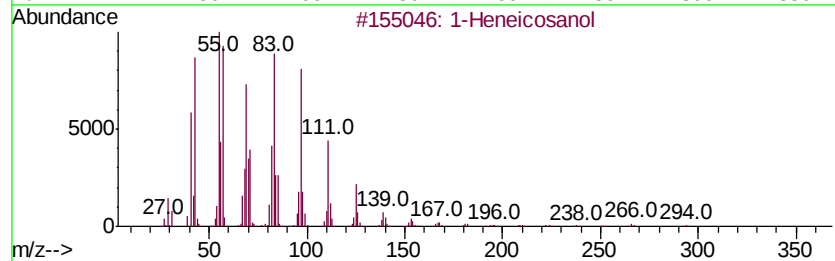
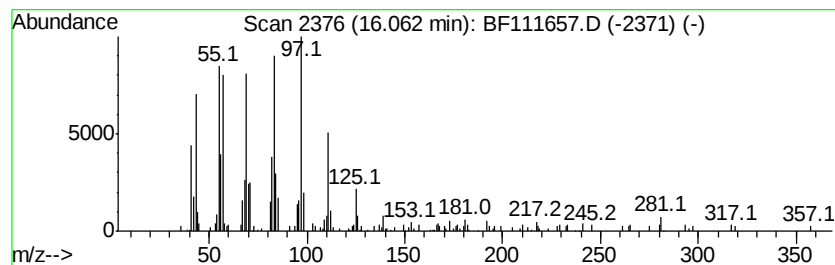
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 1-Heneicosanol Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.06	8.19 ng	378981	Perylene-d12	15.52
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	1-Heneicosanol	312 C21H44O	015594-90-8	90
2	n-Tetracosanol-1	354 C24H50O	000506-51-4	90
3	Cyclohexane, 1,2-dimethyl-3-pent...	224 C16H32	062376-17-4	90
4	1-Nonadecene	266 C19H38	018435-45-5	62
5	Z-5-Nonadecene	266 C19H38	1000131-11-8	60



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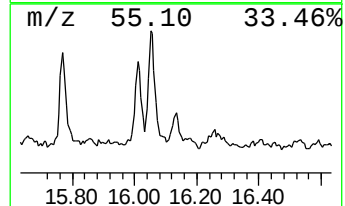
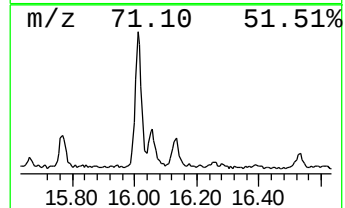
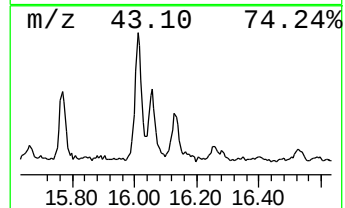
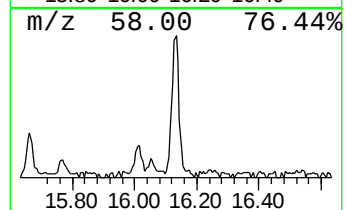
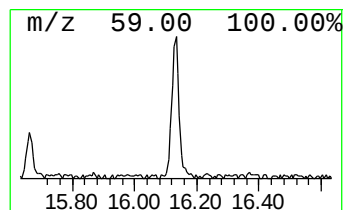
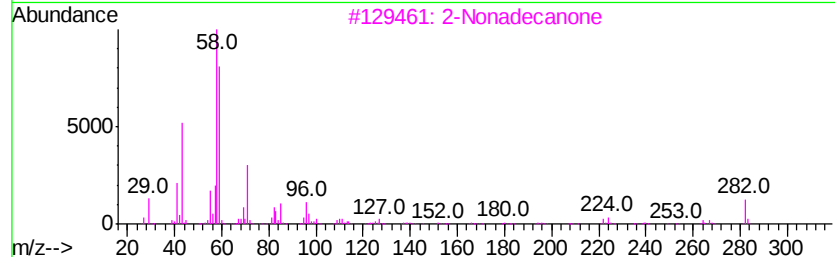
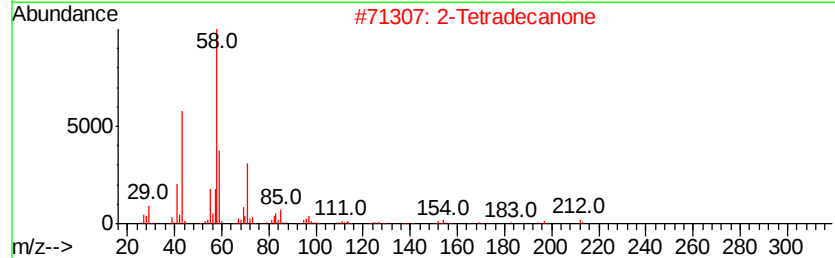
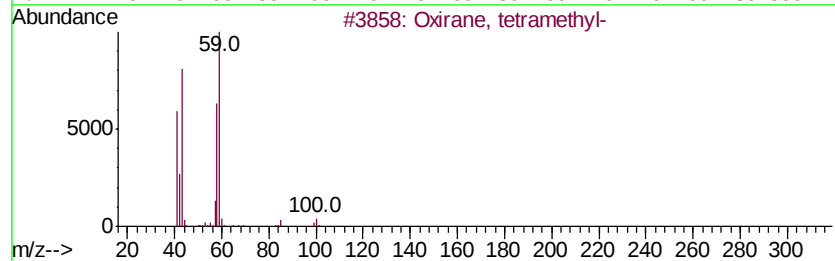
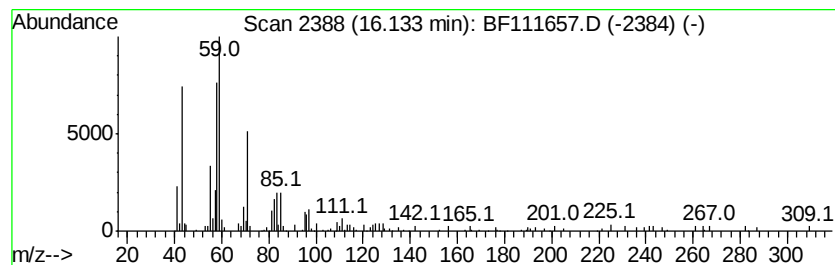
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 unknown16.13 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.13	2.92 ng	134965	Perylene-d12	15.52

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Oxirane, tetramethyl-	100	C6H12O	005076-20-0	49
2			2-Tetradecanone	212	C14H28O	002345-27-9	47
3			2-Nonadecanone	282	C19H38O	000629-66-3	43
4			2-Hexadecanone	240	C16H32O	018787-63-8	43
5			3-Tetradecanol	214	C14H30O	001653-32-3	37



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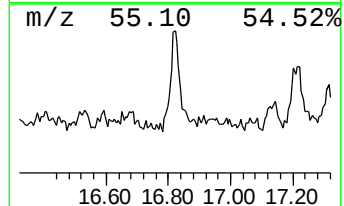
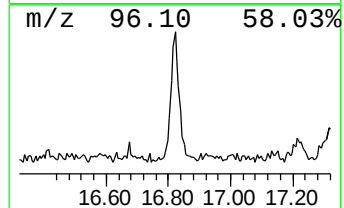
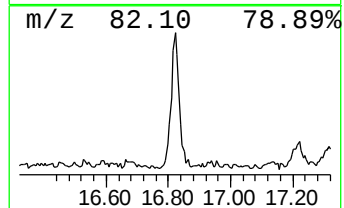
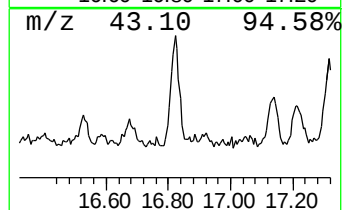
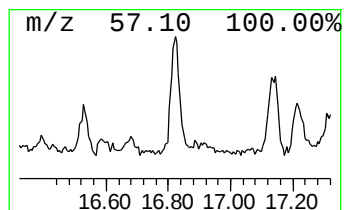
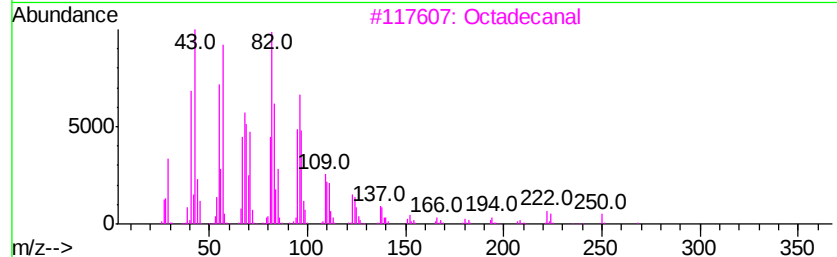
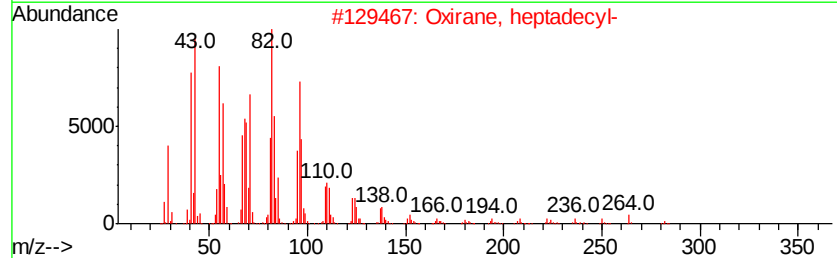
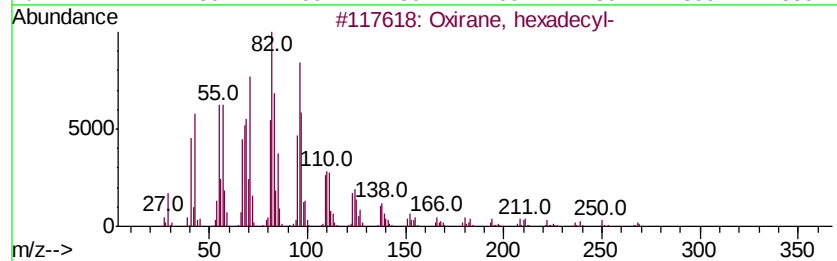
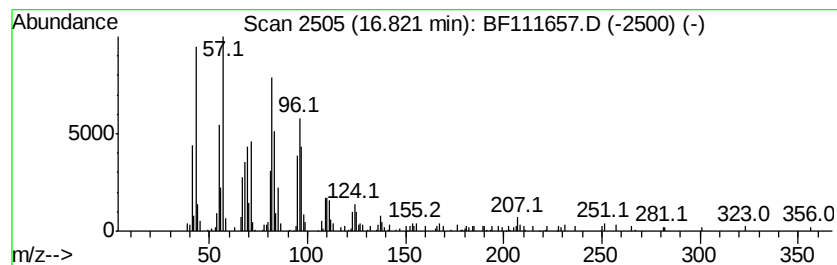
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Oxirane, hexadecyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD		R.T.
16.82	6.44 ng	298193	Perylene-d12		15.52
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	94
2	Oxirane, heptadecyl-	282	C19H38O	067860-04-2	93
3	Octadecanal	268	C18H36O	000638-66-4	87
4	Tetradecanal	212	C14H28O	000124-25-4	83
5	17-Octadecenal	266	C18H34O	056554-86-0	80



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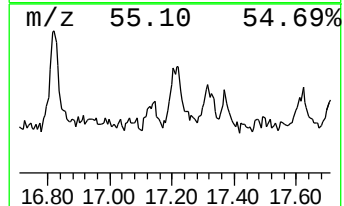
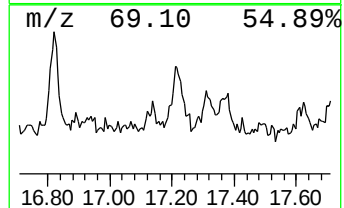
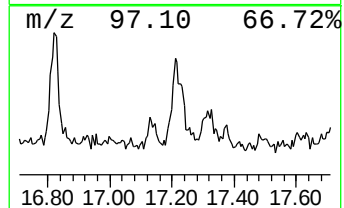
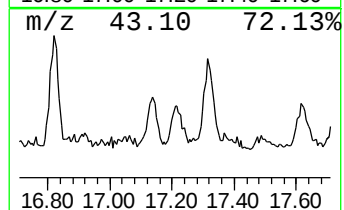
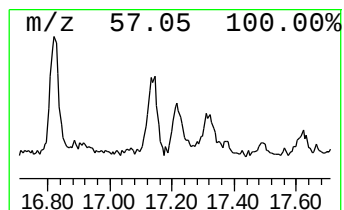
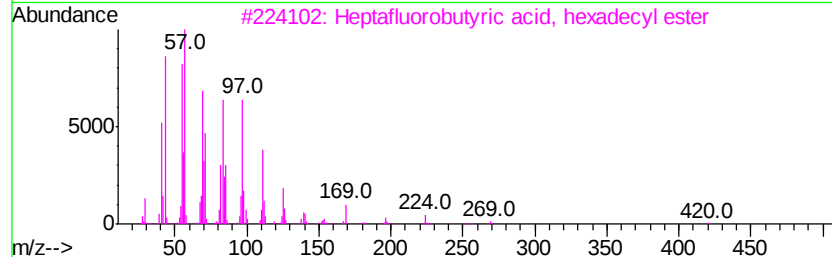
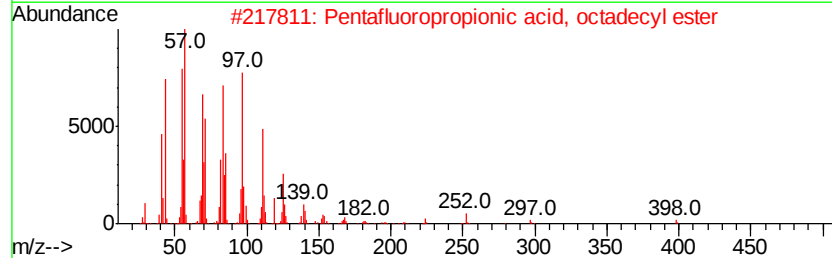
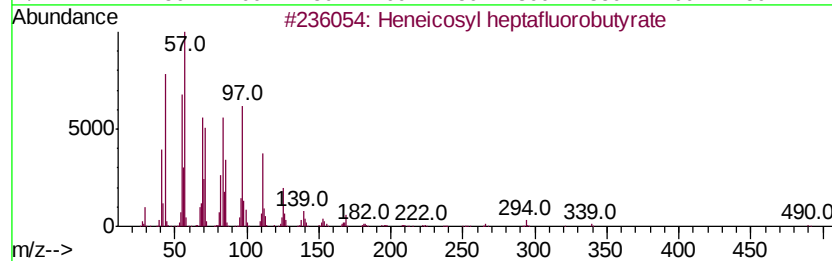
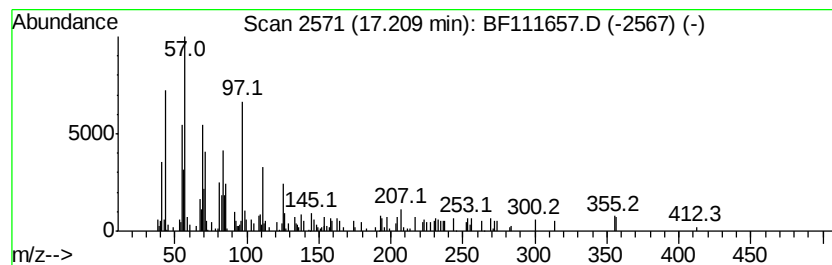
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Heneicosyl heptafluorobutyrate Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.21	3.11 ng	143751	Perylene-d12	15.52

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heneicosyl heptafluorobutyrate	508	C25H43F7O2	1000351-83-8	83
2			Pentafluoropropionic acid, octadecyl ester	416	C21H37F5O2	959261-25-7	83
3			Heptafluorobutyric acid, hexadecyl ester	438	C20H33F7O2	006385-15-5	83
4			Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	83
5			Octadecyl trifluoroacetate	366	C20H37F3O2	079392-43-1	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122018\
Data File : BF111657.D
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Sample : J6447-02 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

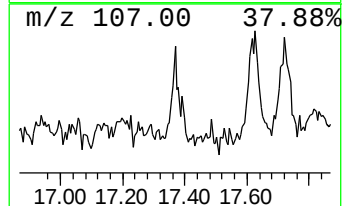
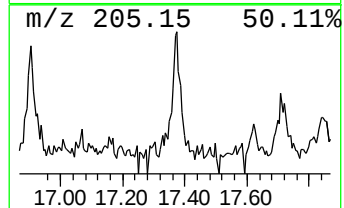
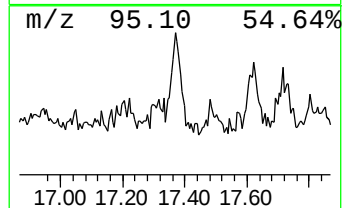
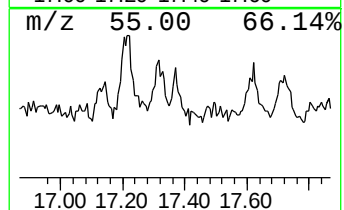
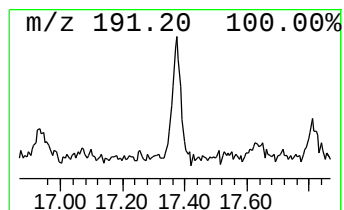
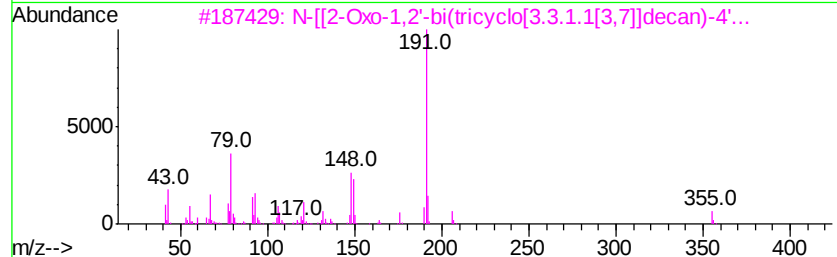
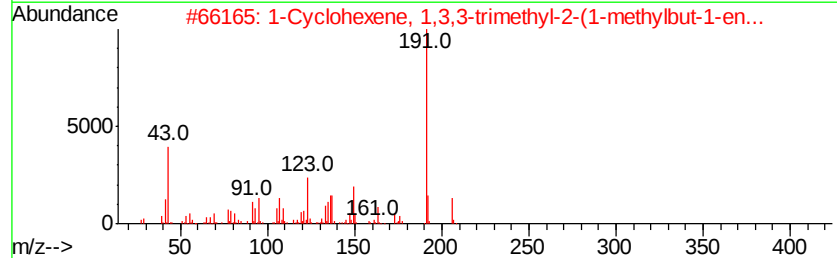
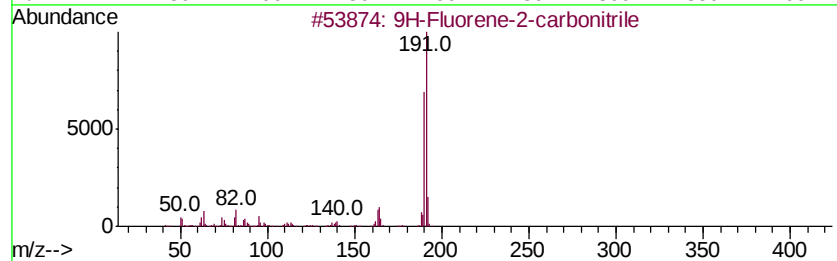
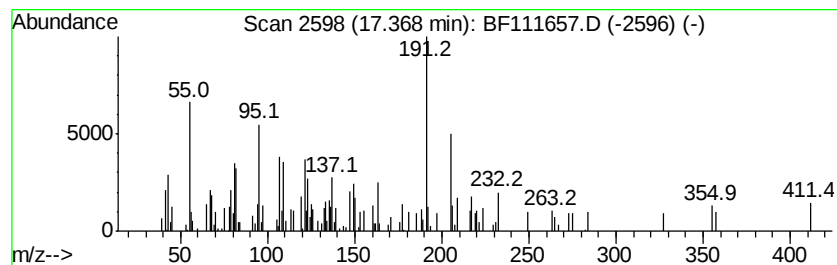
Instrument :
BNA_F
ClientSampleId :
P001-SS024-0006-01

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

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

Peak Number 18 unknown17.37 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.	
17.37	3.05 ng	141177	Perylene-d12	15.52	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene-2-carbonitrile	191	C14H9N	002523-48-0	27
2	1-Cyclohexene, 1,3,3-trimethyl-2...	206	C14H22O	1000197-08-4	25
3	N-[[2-Oxo-1,2'-bi(tricyclo[3.3.1...	355	C23H33NO2	1000305-39-6	25
4	Oxirane, [[4-(1,1-dimethylethyl)...	206	C13H18O2	003101-60-8	25
5	2-Fluoro-6-trifluoromethylbenzoi...	284	C14H8F4O2	1000357-69-4	22



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122018\
Data File : BF111657.D
Acq On : 20 Dec 2018 23:45
Operator : JU/SJ
Sample : J6447-02 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

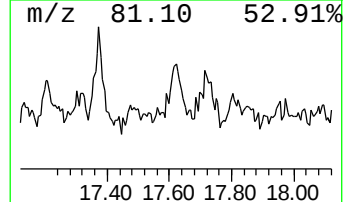
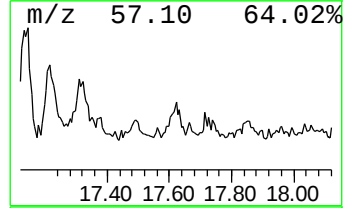
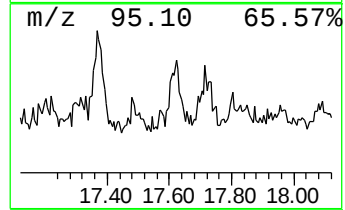
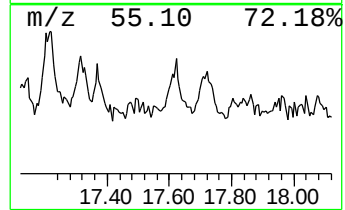
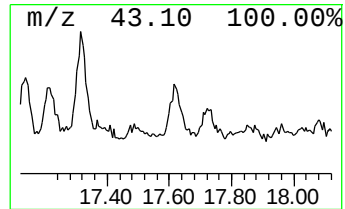
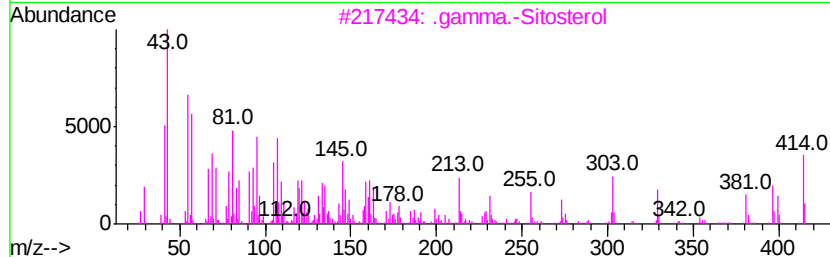
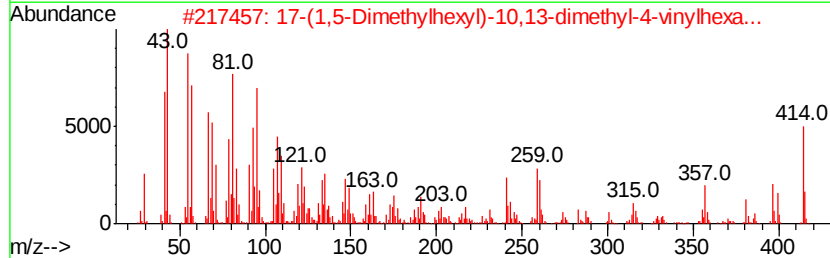
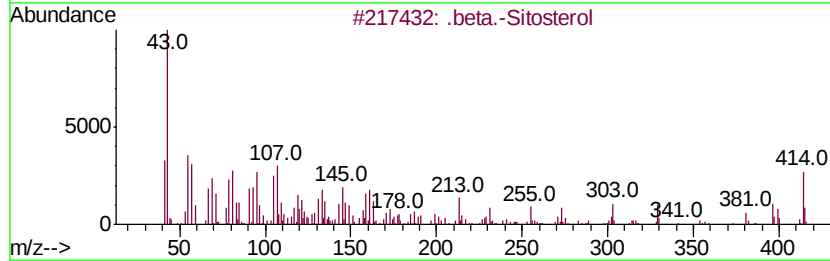
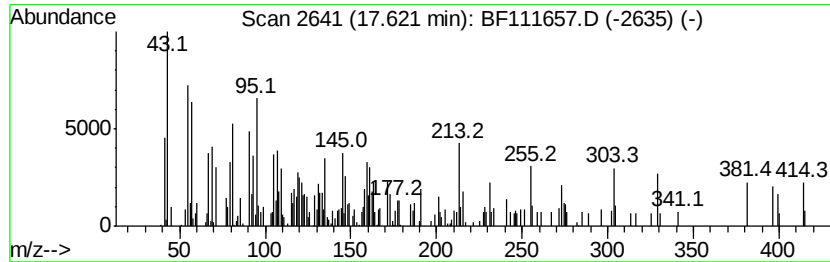
Instrument :
BNA_F
ClientSampleId :
P001-SS024-0006-01

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

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

Peak Number 19 .beta.-Sitosterol Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.	
17.62	4.65 ng	215126	Perylene-d12	15.52	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.beta.-Sitosterol	414	C29H50O	000083-46-5	83
2	17-(1,5-Dimethylhexyl)-10,13-dim...	414	C29H50O	1000210-86-9	46
3	.gamma.-Sitosterol	414	C29H50O	000083-47-6	46
4	Stigmastan-3-en-6-ol	414	C29H50O	1000214-19-7	37
5	Pseudodiosgenin	414	C27H42O3	006808-14-6	35



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122018\
Data File : BF111657.D
Acq On : 20 Dec 2018 23:45
Operator : JU/SJ
Sample : J6447-02 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
P001-SS024-0006-01

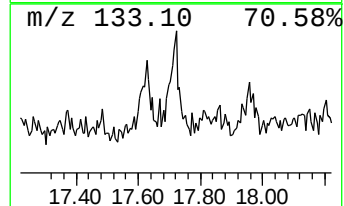
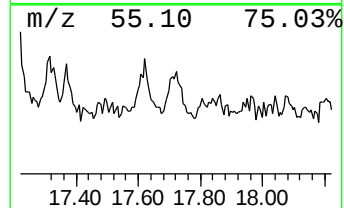
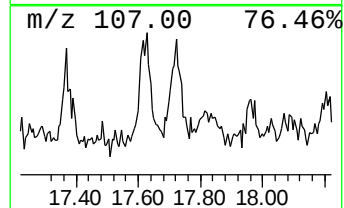
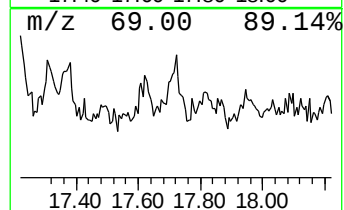
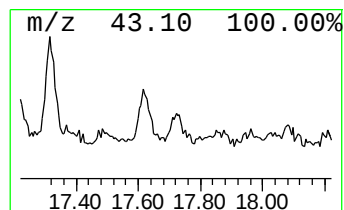
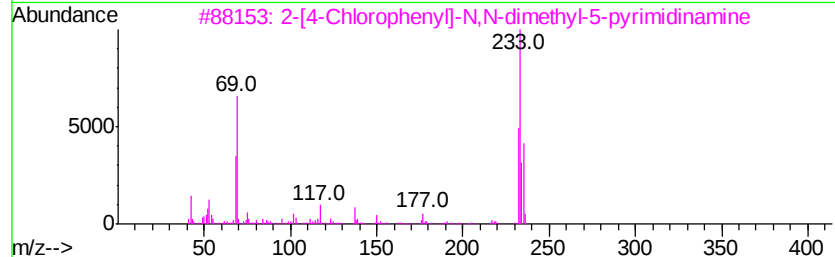
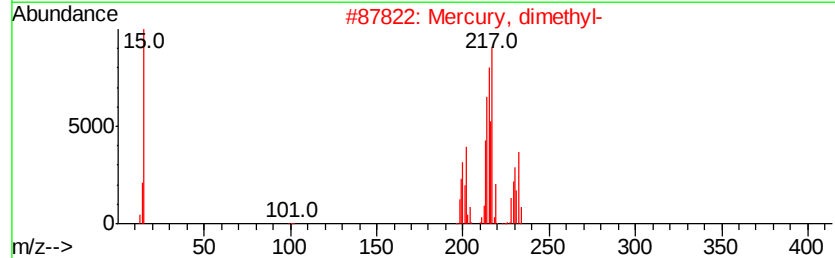
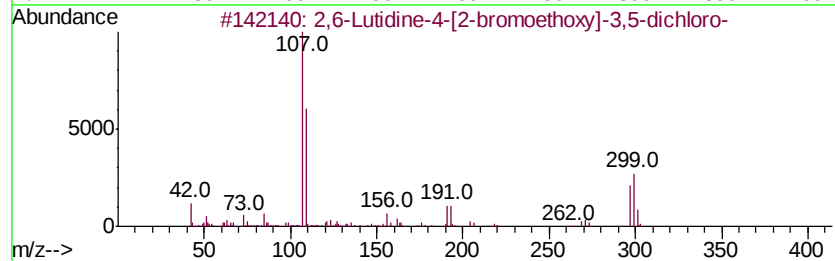
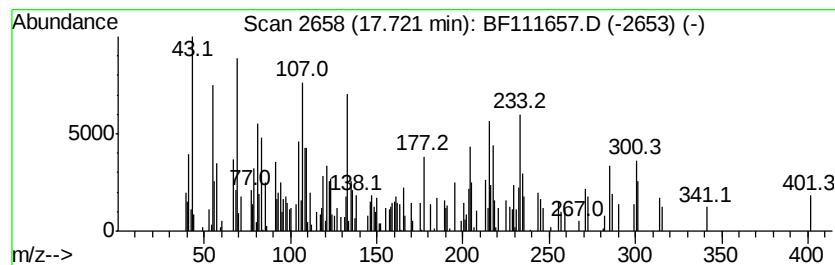
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 unknown17.72 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.72	4.78 ng	221264	Perylene-d12	15.52

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,6-Lutidine-4-[2-bromoethoxy]-3...	297	C9H10BrCl2NO	1000252-33-6	18		
2	Mercury, dimethyl-	232	C2H6Hg	000593-74-8	18		
3	2-[4-Chlorophenyl]-N,N-dimethyl-...	233	C12H12ClN3	1000213-58-5	15		
4	1H-Cyclopropylazulene, 1a,2,3,5...	204	C15H24	021747-46-6	15		
5	1-Hexen-3-yne, 2,5,5-trimethyl-	122	C9H14	037439-53-5	11		



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF122018\
 Data File : BF111657.D
 Acq On : 20 Dec 2018 23:45
 Operator : JU/SJ
 Sample : J6447-02 5X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P001-SS024-0006-01

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

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
unknown6.66	6.66	15.9	ng	964520	1	6.90	1209360	20.0
Precocene I	9.75	8.2	ng	592244	3	9.93	1450180	20.0
2,3,3',4',5,6-Hex...	13.37	2.9	ng	183845	5	14.04	1289340	20.0
1,1'-Biphenyl, 2,...	13.59	3.1	ng	199843	5	14.04	1289340	20.0
Octacosanol	13.89	15.8	ng	1018070	5	14.04	1289340	20.0
Tetratriacontyl h...	14.52	26.2	ng	1691760	5	14.04	1289340	20.0
9-Octadecenamide,...	14.81	3.9	ng	180815	6	15.52	925898	20.0
Tridecane, 1-iodo-	14.83	5.0	ng	229878	6	15.52	925898	20.0
Hexadecanal	14.98	4.8	ng	222295	6	15.52	925898	20.0
Hexacosane	15.18	16.1	ng	746380	6	15.52	925898	20.0
(Z)-14-Tricosenyl...	15.77	8.7	ng	403417	6	15.52	925898	20.0
Heptadecane, 9-oc...	16.01	9.7	ng	449052	6	15.52	925898	20.0
1-Heneicosanol	16.06	8.2	ng	378981	6	15.52	925898	20.0
unknown16.13	16.13	2.9	ng	134965	6	15.52	925898	20.0
Oxirane, hexadecyl-	16.82	6.4	ng	298193	6	15.52	925898	20.0
Heneicosyl heptaf...	17.21	3.1	ng	143751	6	15.52	925898	20.0
unknown17.37	17.37	3.0	ng	141177	6	15.52	925898	20.0
.beta.-Sitosterol	17.62	4.7	ng	215126	6	15.52	925898	20.0
unknown17.72	17.72	4.8	ng	221264	6	15.52	925898	20.0