

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122118\
 Data File : BF111686.D
 Acq On : 21 Dec 2018 14:40
 Operator : JU/SJ
 Sample : J6447-02
 Misc :
 ALS Vial : 7 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	4.010	322	327	332	rBV	286407	374601	5.32%	0.405%
2	5.122	511	516	523	rBV	222913	274312	3.90%	0.297%
3	5.522	576	584	587	rBV	4512507	4426427	62.90%	4.790%
4	6.445	736	741	744	rBV	1402905	1327760	18.87%	1.437%
5	6.528	748	755	759	rBV	4154935	4895016	69.56%	5.297%
6	6.669	774	779	782	rBV	4874733	4582748	65.12%	4.959%
7	6.898	814	818	821	rBV	1409396	1199289	17.04%	1.298%
8	6.975	829	831	836	rVB	109222	102625	1.46%	0.111%
9	7.057	841	845	848	rVB	3584741	3325353	47.25%	3.598%
10	7.451	907	912	915	rBV	2895260	2984289	42.41%	3.229%
11	7.798	967	971	974	rBV	99183	94345	1.34%	0.102%
12	7.898	977	988	990	rBV	222236	427783	6.08%	0.463%
13	8.175	1031	1035	1039	rBV	1705620	1473125	20.93%	1.594%
14	8.333	1056	1062	1066	rBV4	51956	86697	1.23%	0.094%
15	8.375	1066	1069	1071	rVB	218804	177105	2.52%	0.192%
16	8.733	1124	1130	1133	rBV	476096	410558	5.83%	0.444%
17	8.886	1152	1156	1159	rVV	659052	522529	7.43%	0.565%
18	9.251	1214	1218	1221	rBV	4550655	3963275	56.32%	4.289%
19	9.380	1237	1240	1242	rBV	161105	141314	2.01%	0.153%
20	9.404	1242	1244	1247	rVB	243139	186258	2.65%	0.202%
21	9.439	1247	1250	1252	rBV	183150	145377	2.07%	0.157%
22	9.592	1270	1276	1281	rBV3	158422	192458	2.73%	0.208%
23	9.639	1281	1284	1289	rVV2	379668	410027	5.83%	0.444%
24	9.757	1300	1304	1307	rBV	3848011	3093680	43.96%	3.348%
25	9.933	1328	1334	1337	rBV	1846026	1568632	22.29%	1.697%
26	10.098	1357	1362	1365	rBV2	130633	125019	1.78%	0.135%
27	10.716	1463	1467	1471	rBV2	3105728	2810247	39.93%	3.041%
28	11.063	1523	1526	1532	rBV2	293331	321417	4.57%	0.348%
29	11.121	1534	1536	1540	rVB2	167167	164154	2.33%	0.178%
30	11.251	1555	1558	1563	rBV	419018	364831	5.18%	0.395%
31	11.416	1583	1586	1589	rVB	1542311	1259300	17.89%	1.363%
32	11.468	1589	1595	1599	rVB4	281964	355541	5.05%	0.385%
33	11.574	1610	1613	1617	rVB	159419	170615	2.42%	0.185%
34	11.639	1618	1624	1628	rVV4	132304	156044	2.22%	0.169%

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

35	11.945	1671	1676	1684	rVV2	1311845	1622896	23.06%	1.756%
36	12.033	1688	1691	1694	rVB	93200	91188	1.30%	0.099%
37	12.121	1703	1706	1710	rVB3	116827	122735	1.74%	0.133%
38	12.210	1717	1721	1729	rVB2	344282	384435	5.46%	0.416%
39	12.280	1730	1733	1736	rBV	322667	281668	4.00%	0.305%
40	12.510	1767	1772	1774	rVV	279717	270664	3.85%	0.293%
41	12.545	1774	1778	1784	rVB5	315222	425260	6.04%	0.460%
42	12.633	1789	1793	1794	rBV	132055	136153	1.93%	0.147%
43	12.651	1794	1796	1798	rBV	135803	120228	1.71%	0.130%
44	12.733	1805	1810	1818	rBV2	1574745	1691537	24.04%	1.830%
45	12.880	1832	1835	1837	rBV2	156454	136764	1.94%	0.148%
46	12.998	1851	1855	1861	rVB	3069490	2756037	39.16%	2.982%
47	13.098	1869	1872	1874	rBV	287518	246281	3.50%	0.267%
48	13.127	1874	1877	1882	rVB2	128247	198426	2.82%	0.215%
49	13.186	1884	1887	1889	rVV	792195	731794	10.40%	0.792%
50	13.204	1889	1890	1893	rVV	365181	338619	4.81%	0.366%
51	13.239	1893	1896	1900	rVB	784792	682931	9.70%	0.739%
52	13.374	1912	1919	1923	rVB2	916931	913381	12.98%	0.988%
53	13.409	1923	1925	1929	rBV3	222666	202699	2.88%	0.219%
54	13.451	1929	1932	1934	rVV	114220	134130	1.91%	0.145%
55	13.480	1934	1937	1941	rVB2	369874	416728	5.92%	0.451%
56	13.557	1945	1950	1951	rBV2	119803	177932	2.53%	0.193%
57	13.592	1951	1956	1960	rVB2	556826	918870	13.06%	0.994%
58	13.692	1971	1973	1977	rVB	565453	545209	7.75%	0.590%
59	13.739	1978	1981	1983	rBV	231609	193821	2.75%	0.210%
60	13.804	1987	1992	1994	rBV4	84586	128085	1.82%	0.139%
61	13.892	2002	2007	2015	rBV2	3212040	4941602	70.22%	5.347%
62	13.957	2015	2018	2021	rVV2	168351	183391	2.61%	0.198%
63	14.051	2031	2034	2037	rVB	1400168	1182418	16.80%	1.280%
64	14.086	2037	2040	2043	rVV	898507	746631	10.61%	0.808%
65	14.115	2043	2045	2048	rVB2	224970	179268	2.55%	0.194%
66	14.221	2059	2063	2068	rVV2	496562	618152	8.78%	0.669%
67	14.268	2068	2071	2074	rVB2	104341	117862	1.67%	0.128%
68	14.304	2074	2077	2080	rBV	360168	347577	4.94%	0.376%
69	14.345	2080	2084	2088	rBV2	399162	427633	6.08%	0.463%
70	14.398	2090	2093	2095	rVB	151042	124851	1.77%	0.135%
71	14.533	2112	2116	2122	rBV	7059495	7037263	100.00%	7.615%

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72	14.580	2122	2124	2129	rVB3	195276	202733	2.88%	0.219%
73	14.651	2134	2136	2143	rVB	162021	171342	2.43%	0.185%
74	14.745	2149	2152	2154	rBV	242710	253104	3.60%	0.274%
75	14.815	2160	2164	2166	rBV	723984	729282	10.36%	0.789%
76	14.845	2166	2169	2177	rVB3	561867	935693	13.30%	1.013%
77	14.986	2189	2193	2199	rVB	669672	752728	10.70%	0.815%
78	15.192	2223	2228	2229	rBV	2531463	3008004	42.74%	3.255%
79	15.262	2237	2240	2250	rVB	359560	515478	7.32%	0.558%
80	15.356	2252	2256	2258	rBV	157600	208738	2.97%	0.226%
81	15.527	2281	2285	2289	rBV	651179	768746	10.92%	0.832%
82	15.574	2289	2293	2296	rVV	238169	345276	4.91%	0.374%
83	15.603	2296	2298	2306	rVV2	198969	252320	3.59%	0.273%
84	15.668	2307	2309	2316	rVB	120511	176818	2.51%	0.191%
85	15.774	2323	2327	2331	rBV	721495	1014165	14.41%	1.097%
86	16.027	2364	2370	2373	rBV	1032596	1687632	23.98%	1.826%
87	16.068	2373	2377	2384	rVB	1045717	1575315	22.39%	1.705%
88	16.145	2385	2390	2394	rVV	384031	544302	7.73%	0.589%
89	16.268	2407	2411	2412	rBV2	130857	173527	2.47%	0.188%
90	16.292	2413	2415	2425	rVB2	213760	351459	4.99%	0.380%
91	16.833	2501	2507	2513	rBV	434448	850075	12.08%	0.920%
92	17.150	2556	2561	2567	rBV	206799	424993	6.04%	0.460%
93	17.227	2568	2574	2583	rVV2	397374	970708	13.79%	1.050%
94	17.339	2586	2593	2596	rVV	353635	816093	11.60%	0.883%
95	17.386	2598	2601	2611	rVB3	331289	642248	9.13%	0.695%
96	17.645	2638	2645	2652	rVB3	507743	1078694	15.33%	1.167%
97	17.739	2654	2661	2669	rVB4	400144	1037401	14.74%	1.123%
98	17.833	2673	2677	2681	rBV6	60390	137139	1.95%	0.148%
99	17.980	2697	2702	2708	rVB5	148106	306039	4.35%	0.331%
100	18.697	2818	2824	2839	rVB8	195443	592175	8.41%	0.641%

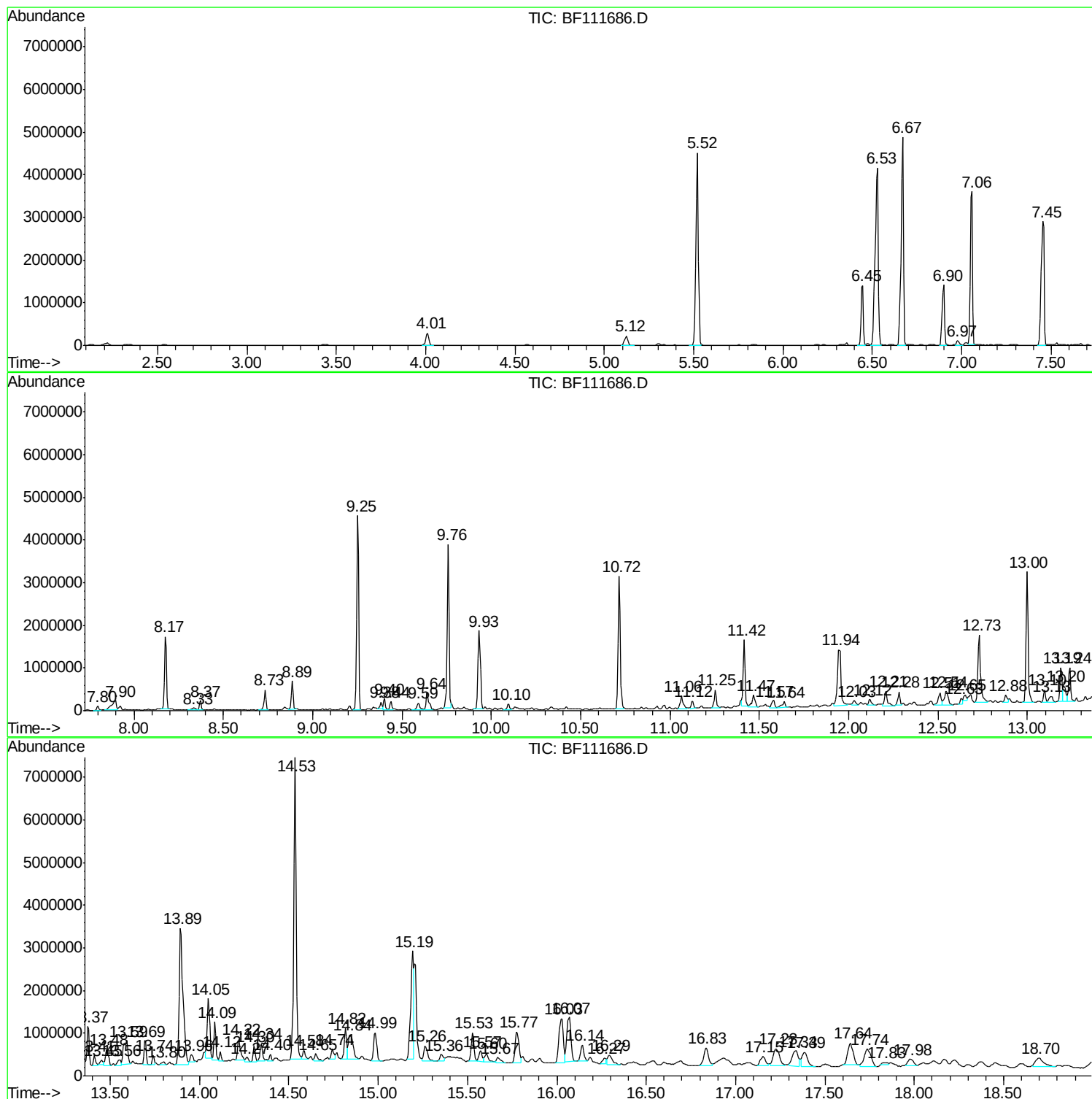
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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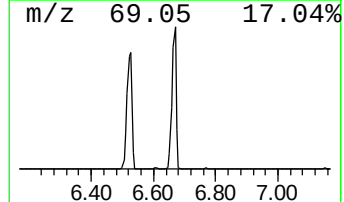
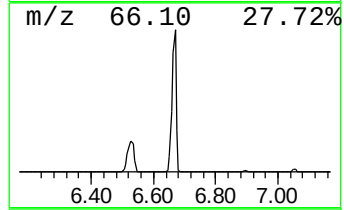
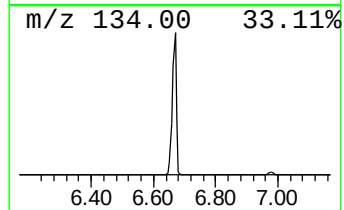
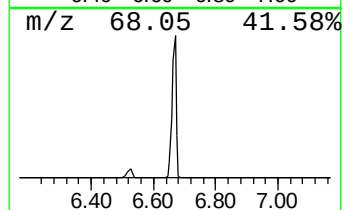
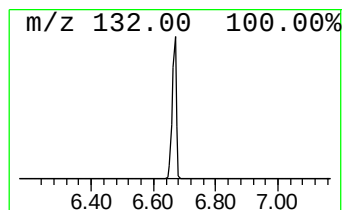
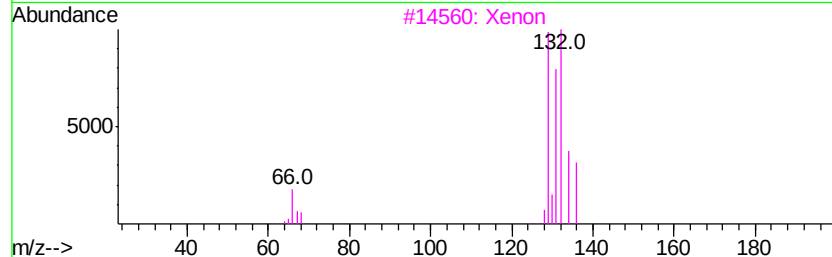
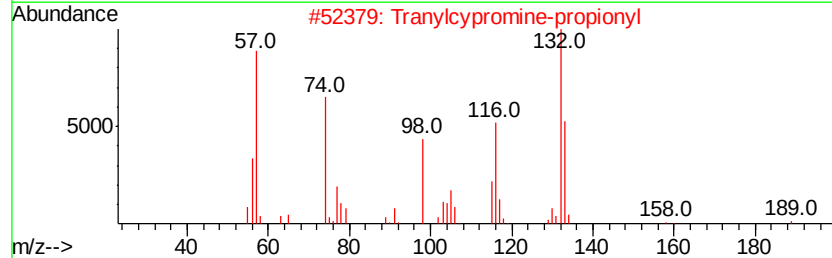
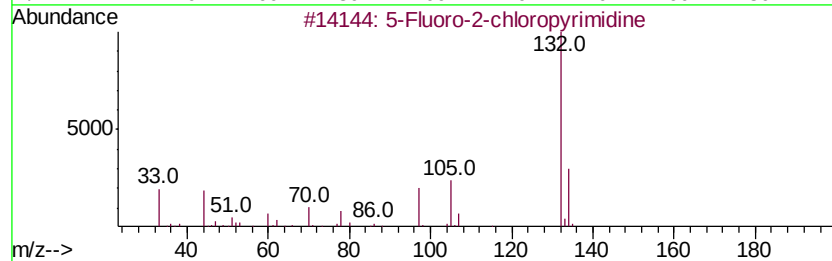
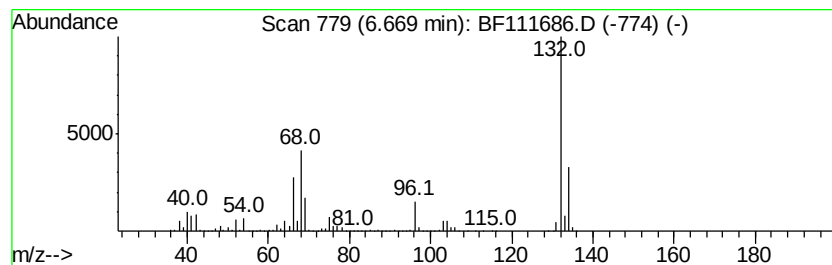
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown6.67 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.67	76.42 ng	4582750	1,4-Dichlorobenzene-d4	6.90

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
2		Tranlycypromine-propionyl	189	C12H15NO	1000123-86-3	12
3		Xenon	132	Xe	007440-63-3	9
4		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9
5		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9



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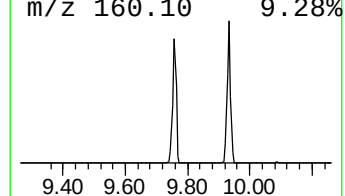
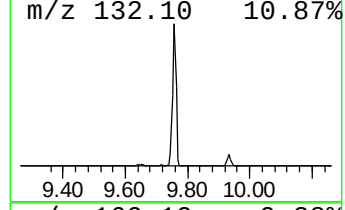
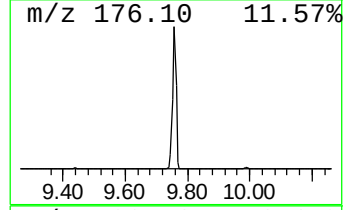
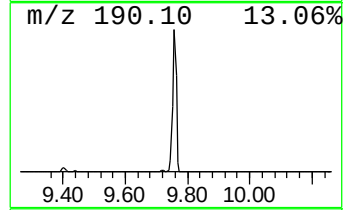
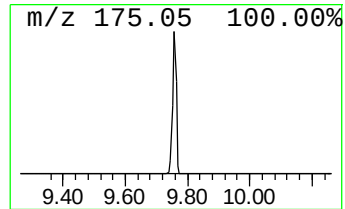
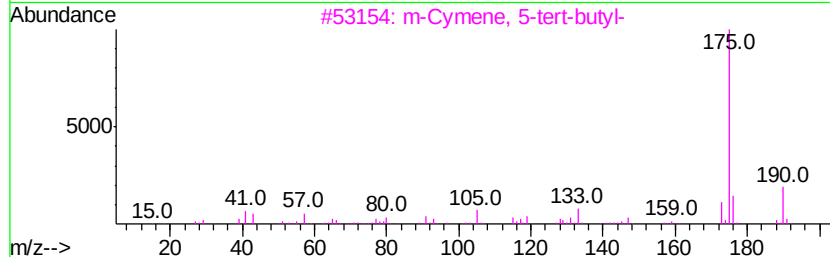
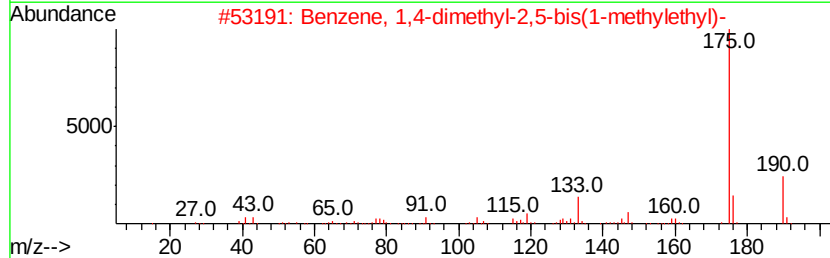
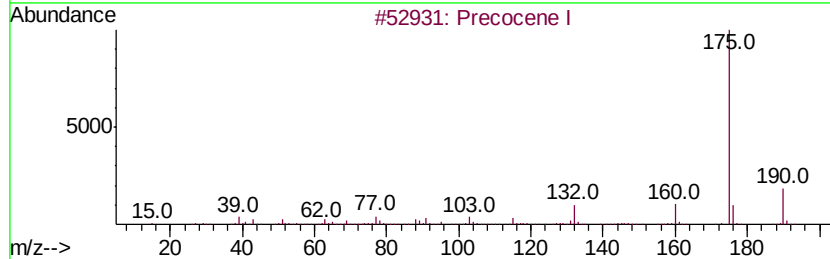
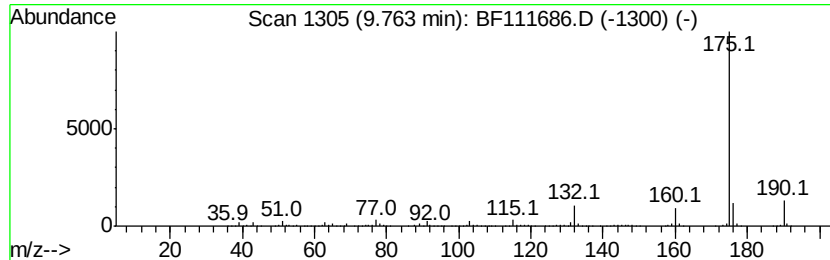
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Precocene I Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.76	39.44 ng	3093680	Acenaphthene-d10	9.93

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Precocene I		190	C12H14O2	017598-02-6	95
2	Benzene, 1,4-dimethyl-2,5-bis(1-...		190	C14H22	010375-96-9	64
3	m-Cymene, 5-tert-butyl-		190	C14H22	029577-19-3	64
4	Benzene, 1,3-bis(1,1-dimethyleth...		190	C14H22	001014-60-4	64
5	(E)-1-Indan-1-ylethanone oxime		175	C11H13NO	1000373-31-4	64



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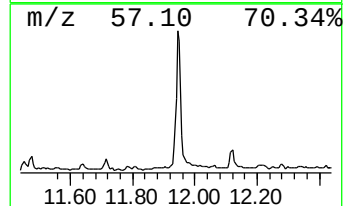
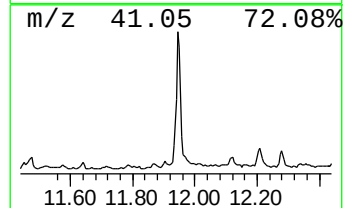
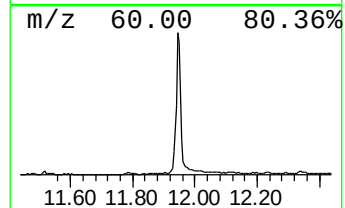
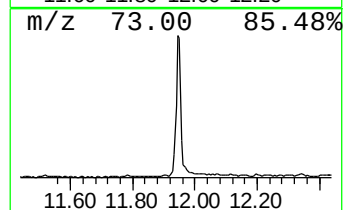
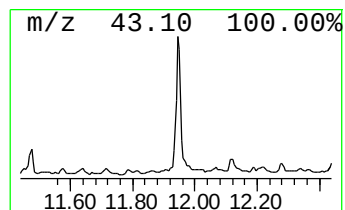
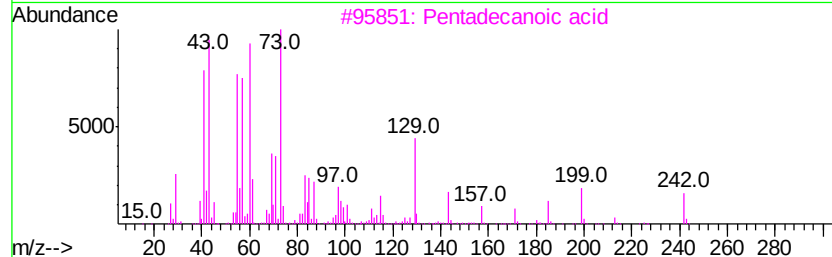
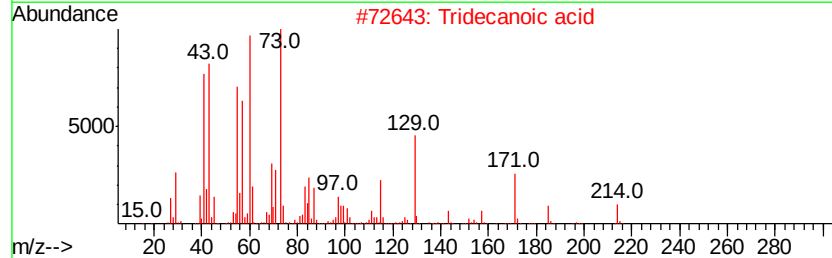
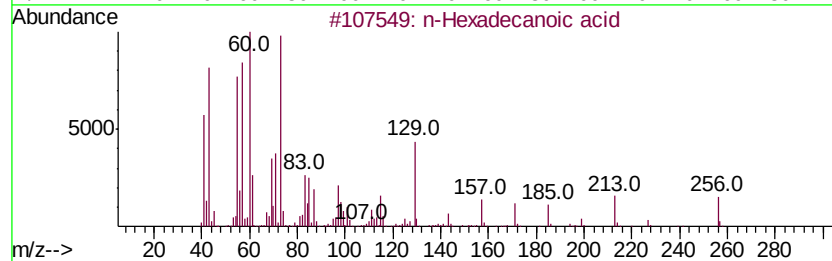
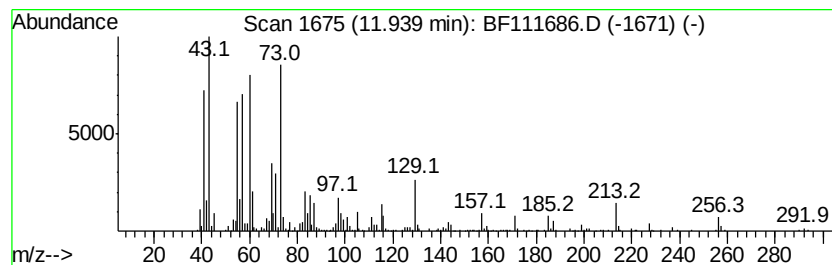
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 n-Hexadecanoic acid Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.94	25.77 ng	1622900	Phenanthrene-d10	11.42

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2		Tridecanoic acid	214	C13H26O2	000638-53-9	94
3		Pentadecanoic acid	242	C15H30O2	001002-84-2	90
4		Octadecanoic acid	284	C18H36O2	000057-11-4	87
5		Tetradecanoic acid	228	C14H28O2	000544-63-8	76



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Operator : JU/SJ
Sample : J6447-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

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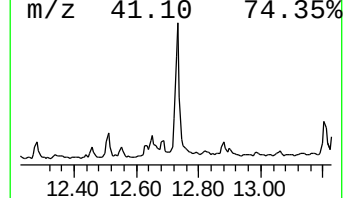
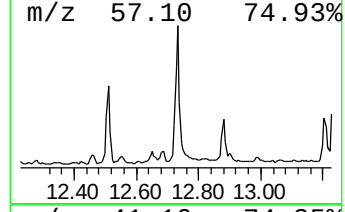
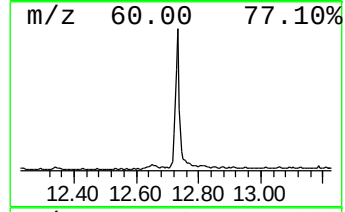
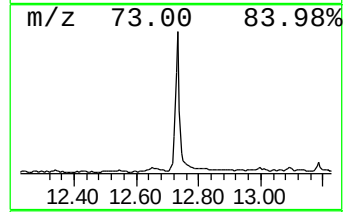
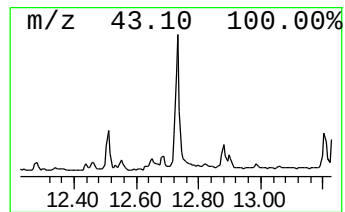
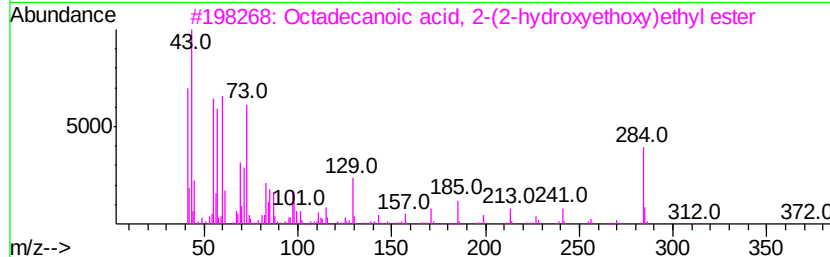
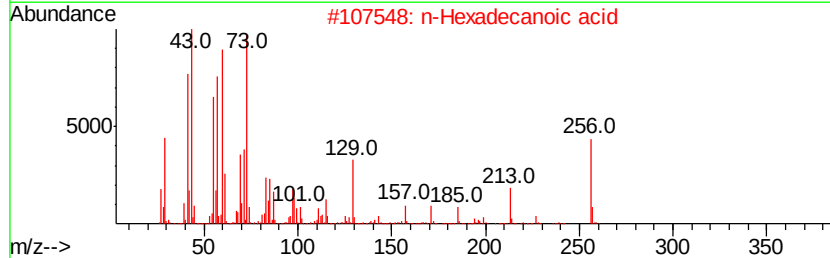
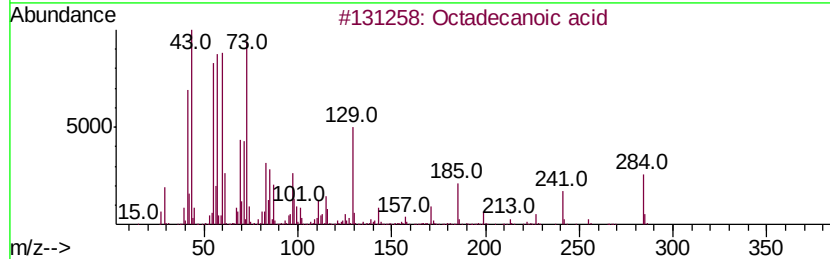
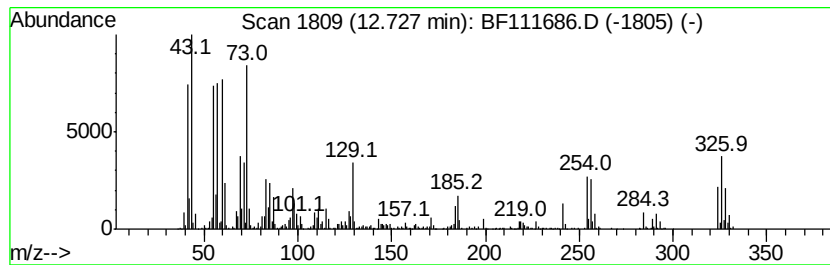
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Octadecanoic acid Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.73	26.86 ng	1691540	Phenanthrene-d10	11.42

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	90
3		Octadecanoic acid, 2-(2-hydroxyve...	372	C22H44O4	000106-11-6	72
4		Tridecanoic acid	214	C13H26O2	000638-53-9	70
5		Tetradecanoic acid	228	C14H28O2	000544-63-8	68



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Sample : J6447-02
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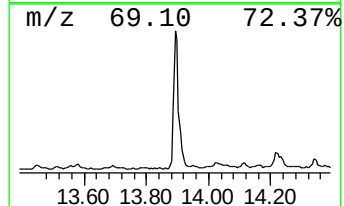
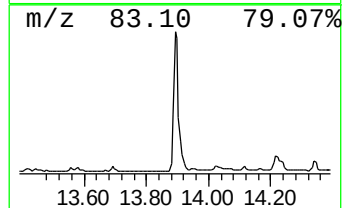
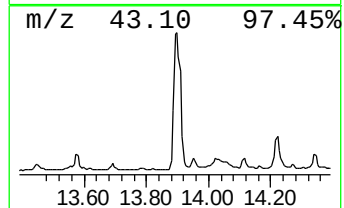
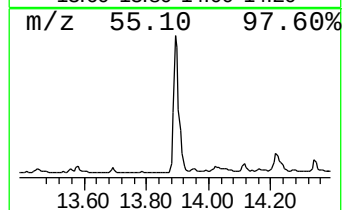
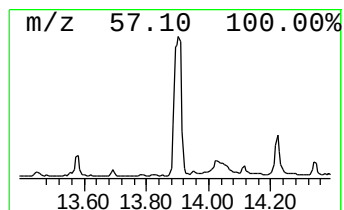
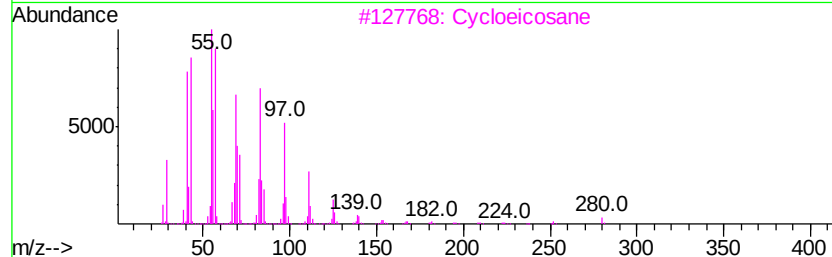
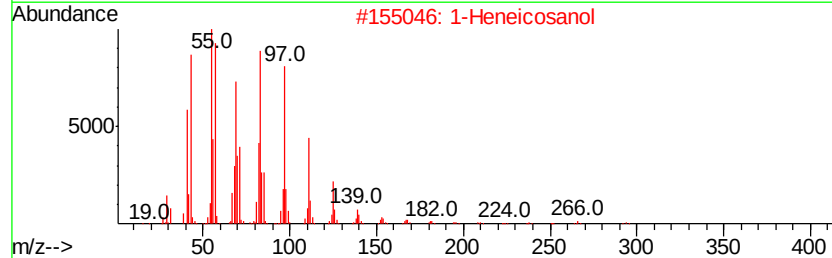
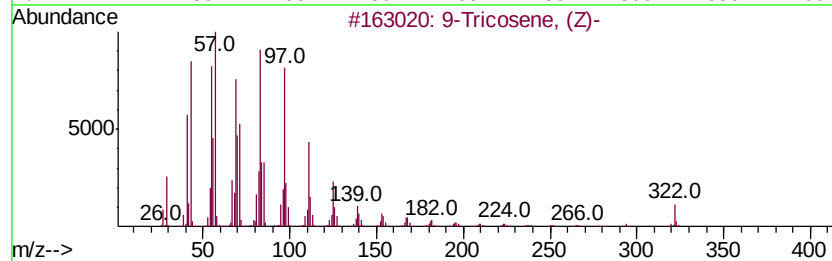
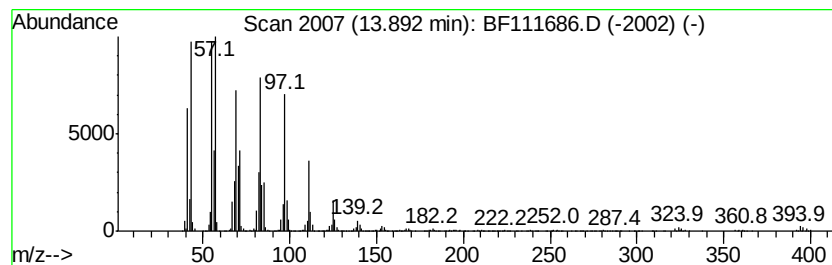
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 9-Tricosene, (Z)- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.89	83.58 ng	4941600	Chrysene-d12	14.05	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Tricosene, (Z)-	322	C23H46	027519-02-4	96
2	1-Heneicosanol	312	C21H44O	015594-90-8	95
3	Cycloeicosane	280	C20H40	000296-56-0	94
4	1-Docosene	308	C22H44	001599-67-3	94
5	Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	94



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122118\
Data File : BF111686.D
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Operator : JU/SJ
Sample : J6447-02
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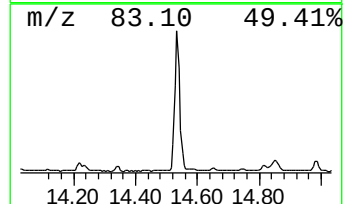
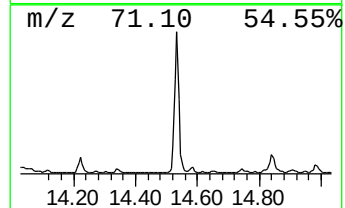
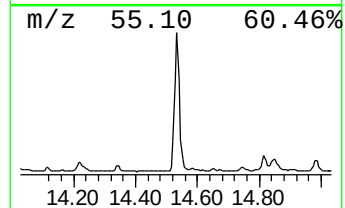
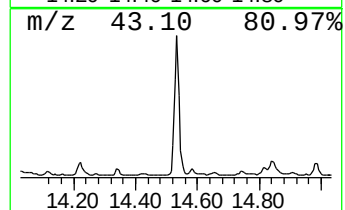
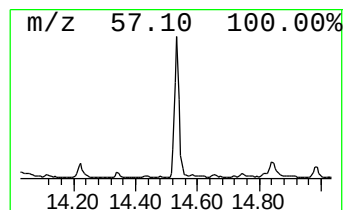
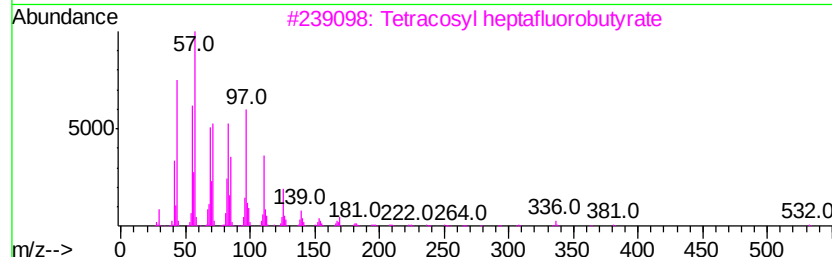
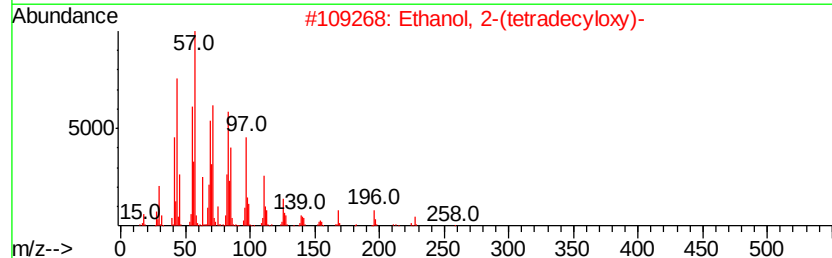
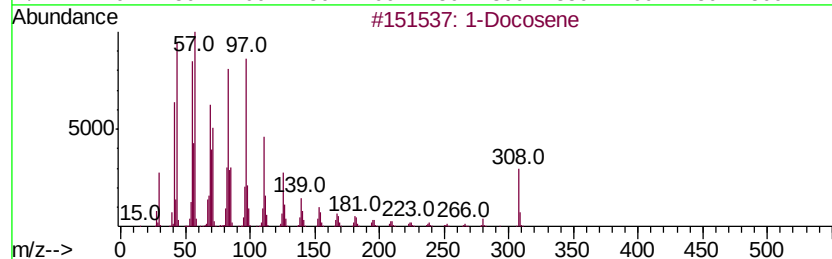
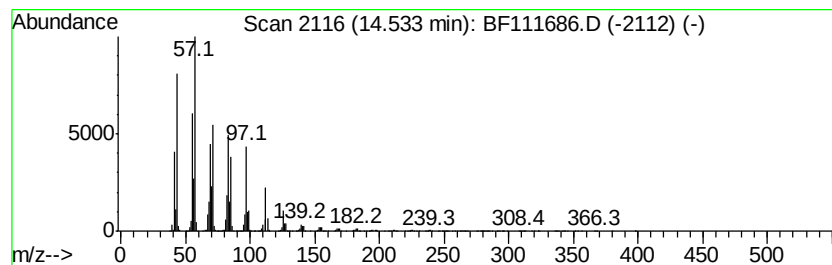
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 1-Docosene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.53	119.03 ng	7037260	Chrysene-d12	14.05
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	1-Docosene		308 C22H44	001599-67-3 95
2	Ethanol, 2-(tetradecyloxy)-		258 C16H34O2	002136-70-1 93
3	Tetracosyl heptafluorobutyrate		550 C28H49F7O2	1000351-83-7 91
4	Tricosyl heptafluorobutyrate		536 C27H47F7O2	1000351-83-4 87
5	Oxalic acid, isobutyl octadecyl ...		398 C24H46O4	1000309-38-3 83



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122118\
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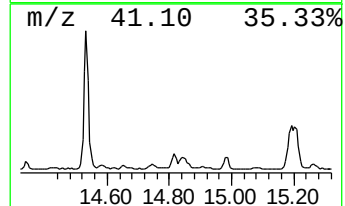
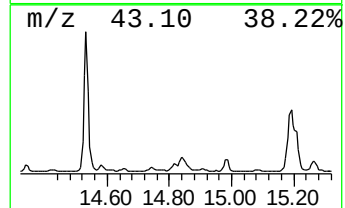
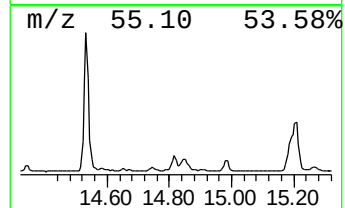
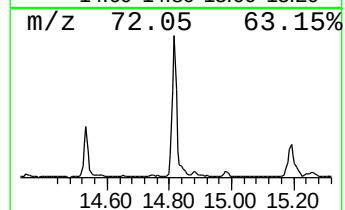
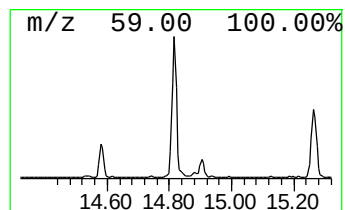
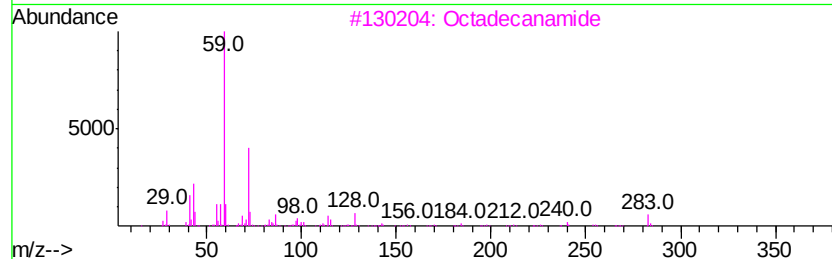
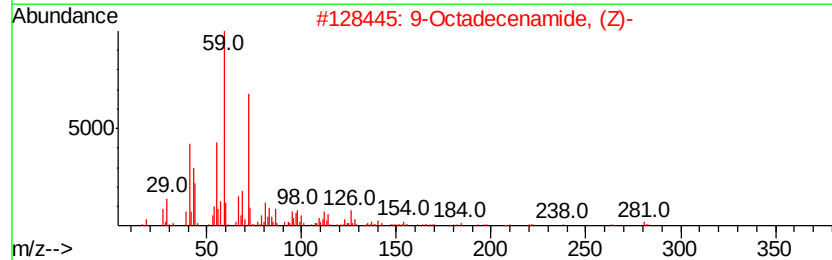
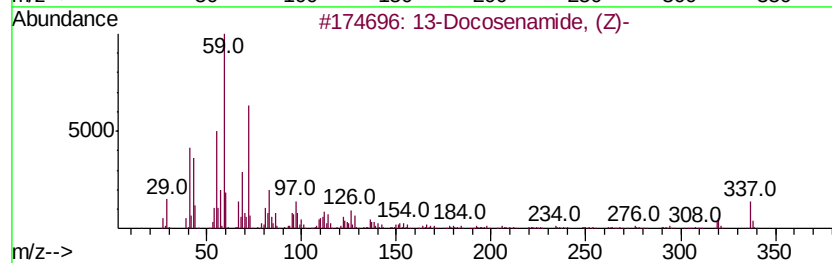
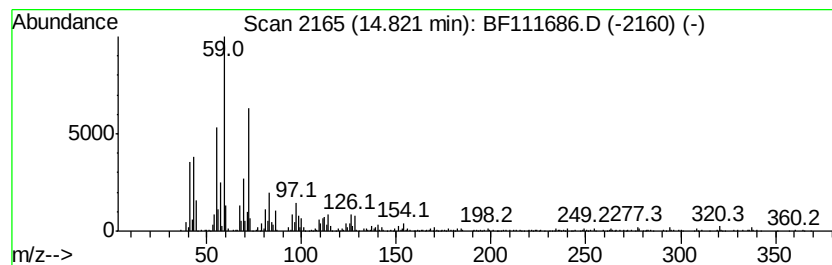
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 13-Docosenamide, (Z)- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.82	18.97 ng	729282	Perylene-d12	15.53

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	13-Docosenamide, (Z)-	337	C22H43NO	000112-84-5	91
2		9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	90
3		Octadecanamide	283	C18H37NO	000124-26-5	72
4		Heptanamide, 4-ethyl-5-methyl-	171	C10H21NO	054789-40-1	64
5		Pentadecanamide, 15-bromo-	319	C15H30BrNO	1000163-86-1	59



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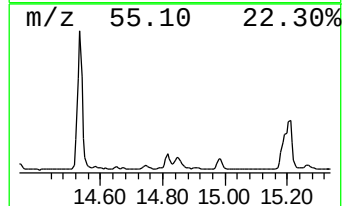
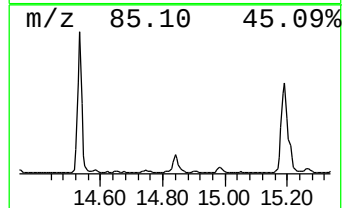
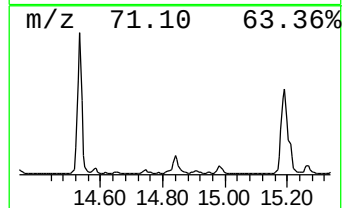
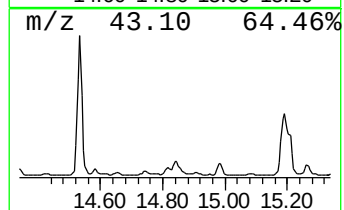
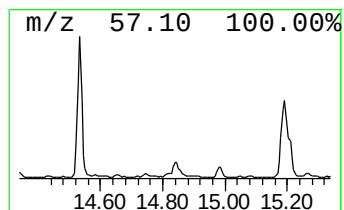
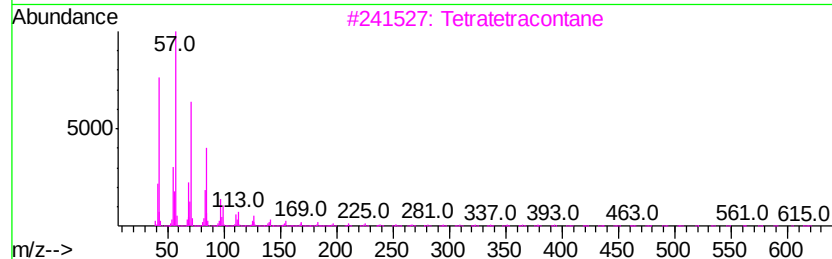
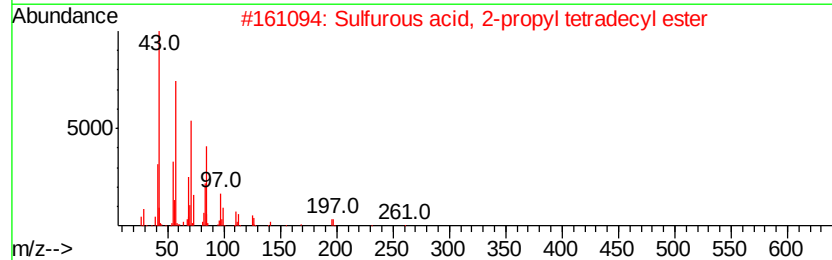
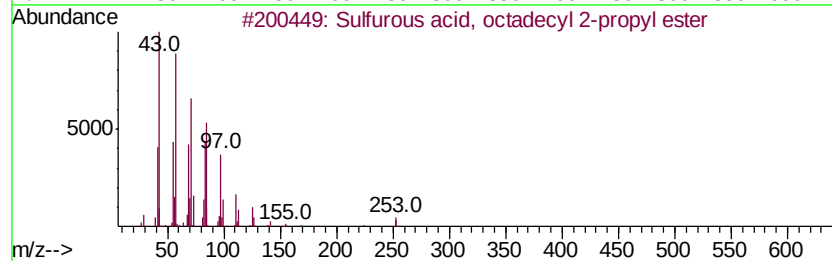
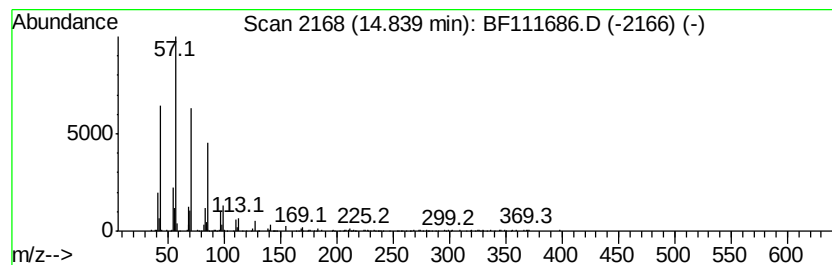
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TIC Integration Parameters: LSCINT.P

Peak Number 9 Sulfurous acid, octadecyl 2... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.84	24.34 ng	935693	Perylene-d12	15.53

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Sulfurous acid, octadecyl 2-prop...	376	C21H44O3S	1000309-12-7	87
2		Sulfurous acid, 2-propyl tetradec...	320	C17H36O3S	1000309-12-5	86
3		Tetratetracontane	619	C44H90	007098-22-8	80
4		Hexatriacontyl pentafluoropropio...	669	C39H73F5O2	1000351-89-0	80
5		Tetradecane	198	C14H30	000629-59-4	70



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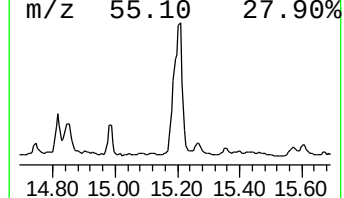
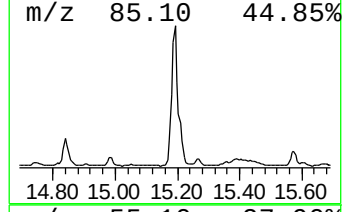
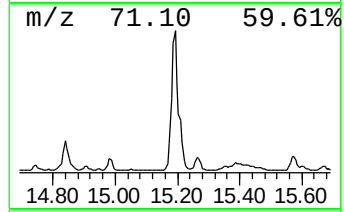
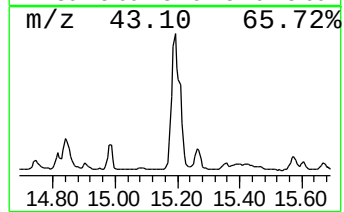
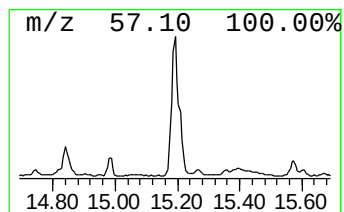
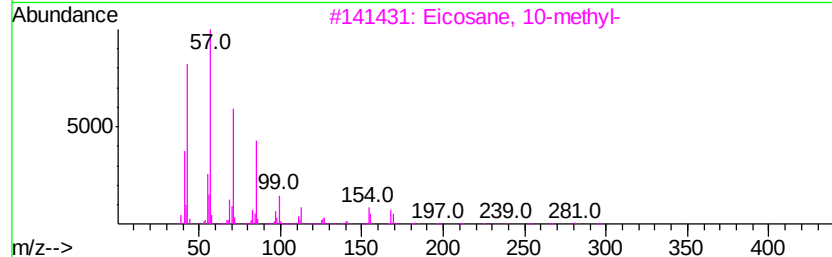
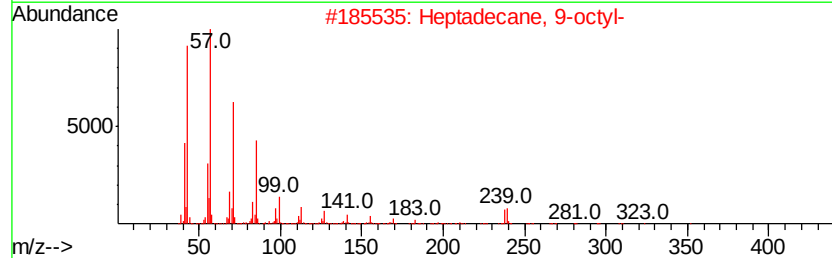
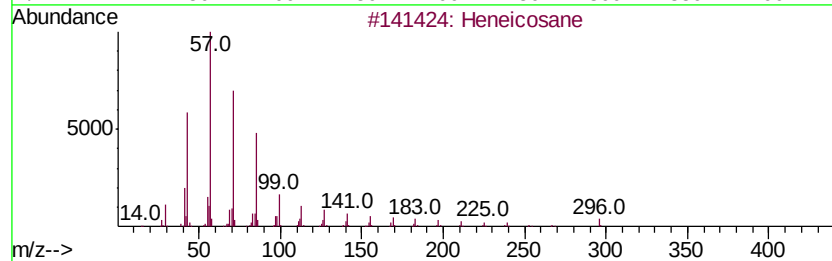
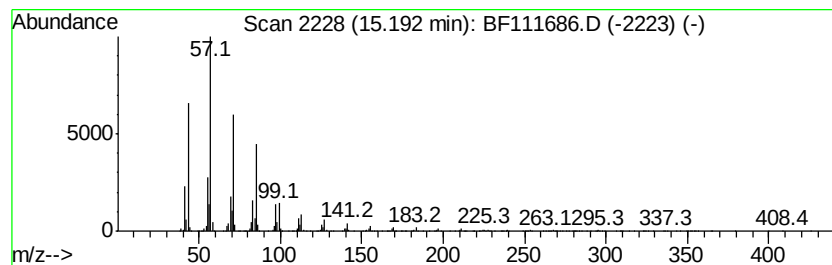
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 11 Heneicosane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.19	78.26 ng	3008000	Perylene-d12	15.53

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	97
2		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	96
3		Eicosane, 10-methyl-	296	C21H44	054833-23-7	94
4		Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	93
5		2-methyloctacosane	408	C29H60	1000376-72-8	91



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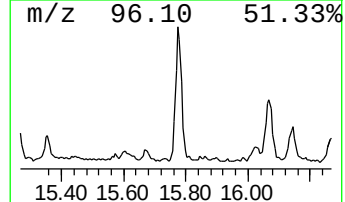
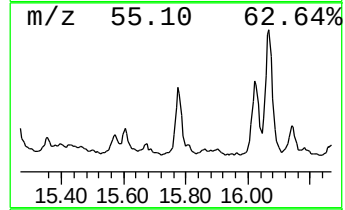
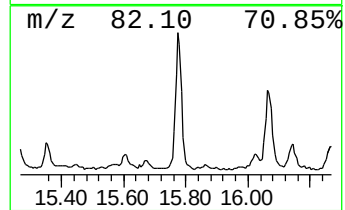
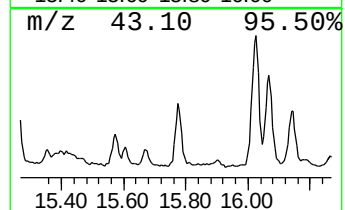
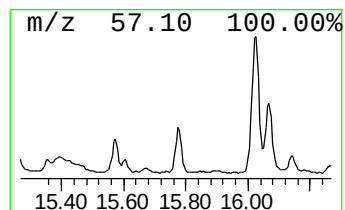
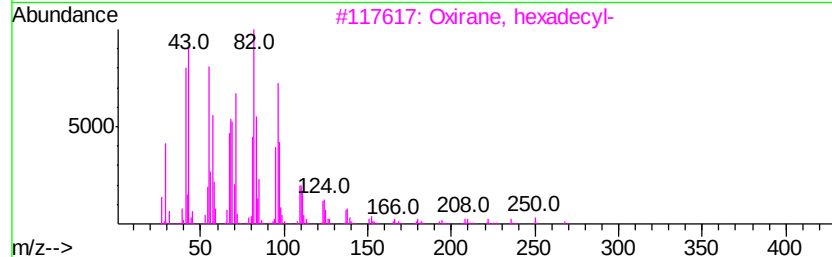
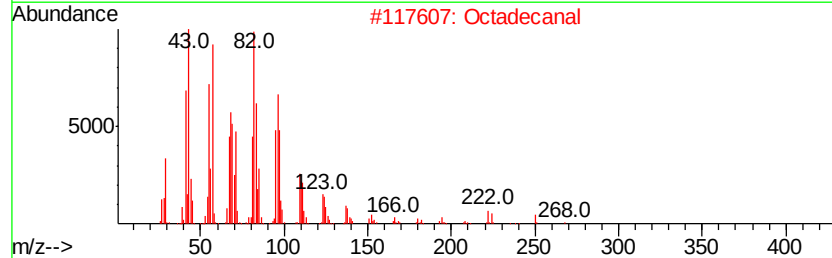
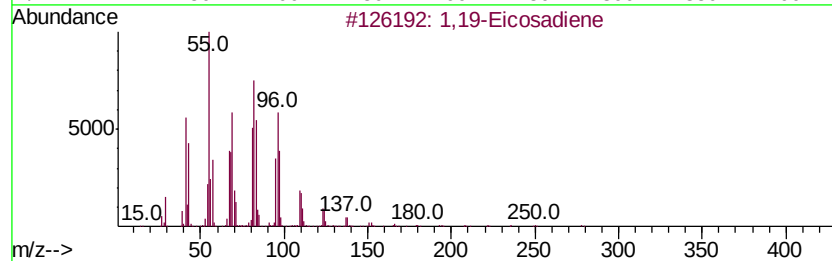
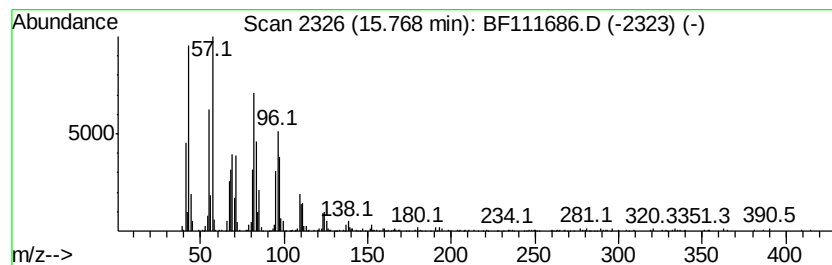
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P001-SS024-0006-01

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 12 1,19-Eicosadiene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.	
15.77	26.38 ng	1014170	Perylene-d12	15.53	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,19-Eicosadiene	278	C20H38	014811-95-1	93
2	Octadecanal	268	C18H36O	000638-66-4	91
3	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	91
4	(Z)-14-Tricosenyl formate	366	C24H46O2	077899-10-6	89
5	1,13-Tetradecadiene	194	C14H26	021964-49-8	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122118\
Data File : BF111686.D
Acq On : 21 Dec 2018 14:40
Operator : JU/SJ
Sample : J6447-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

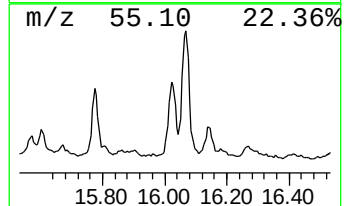
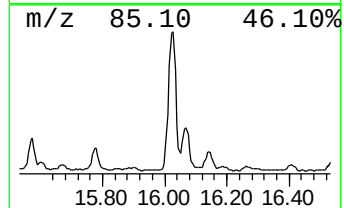
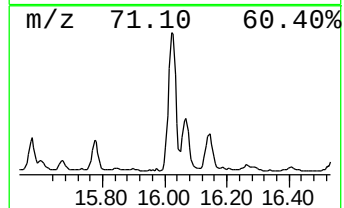
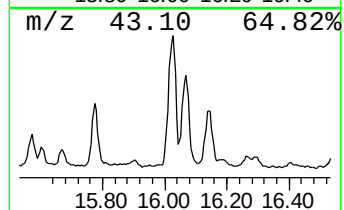
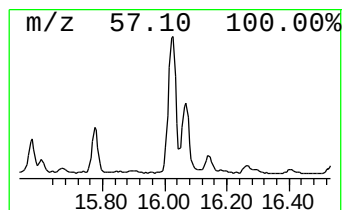
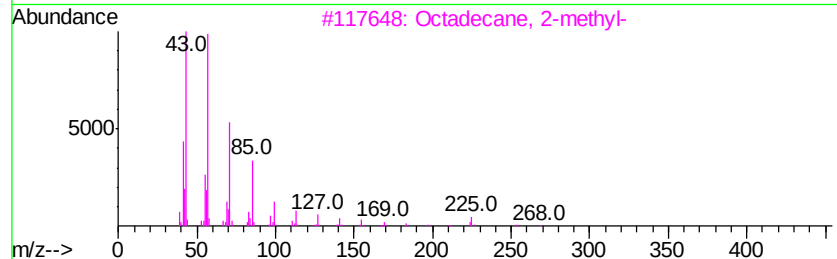
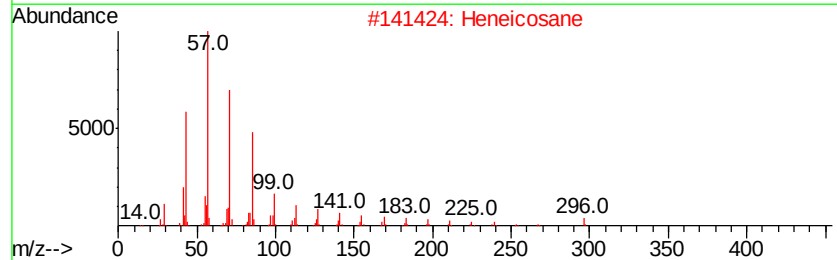
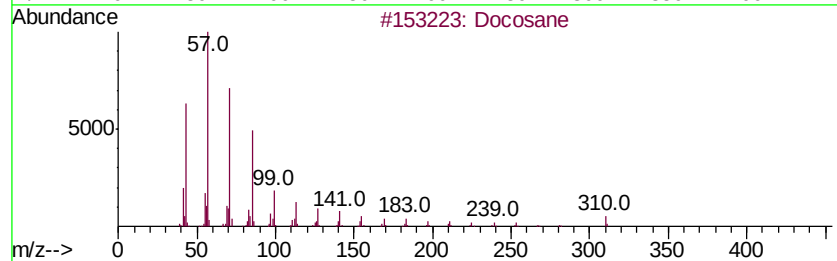
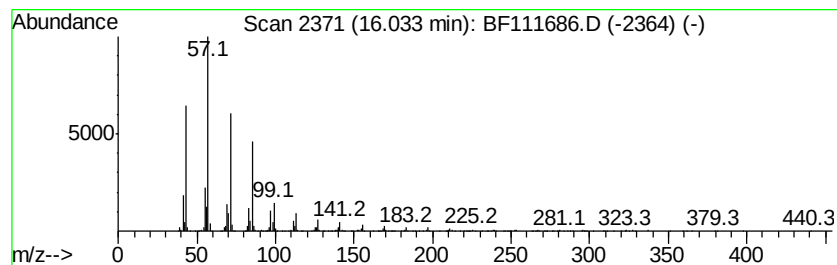
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Docosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.	
16.03	43.91 ng	1687630	Perylene-d12	15.53	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Docosane	310	C22H46	000629-97-0	97
2	Heneicosane	296	C21H44	000629-94-7	97
3	Octadecane, 2-methyl-	268	C19H40	001560-88-9	94
4	Octacosane	394	C28H58	000630-02-4	91
5	2-methyloctacosane	408	C29H60	1000376-72-8	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122118\
Data File : BF111686.D
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Operator : JU/SJ
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Misc :
ALS Vial : 7 Sample Multiplier: 1

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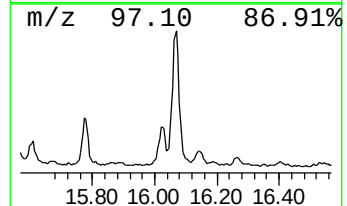
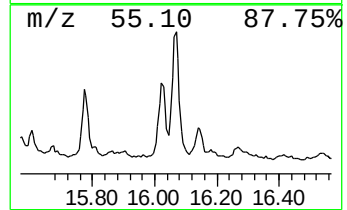
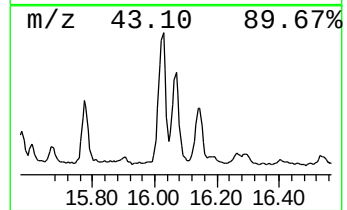
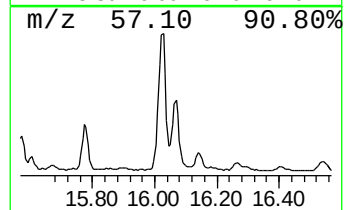
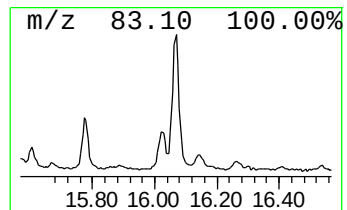
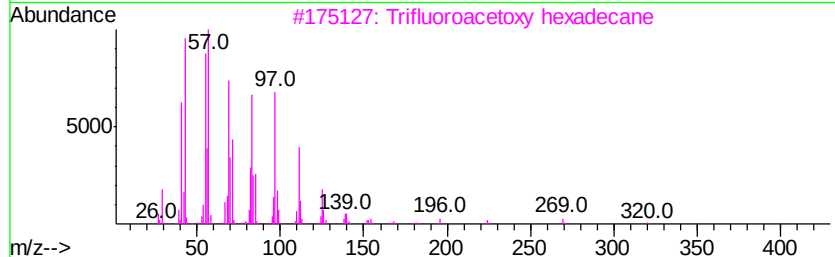
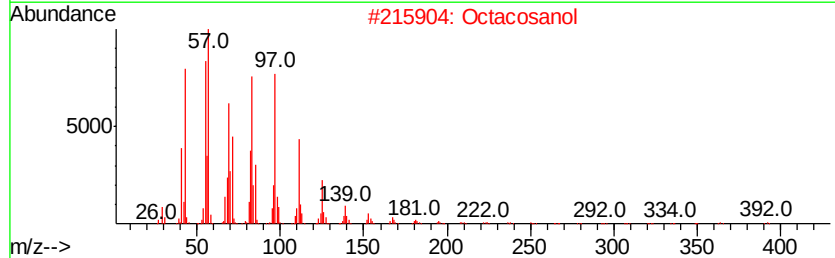
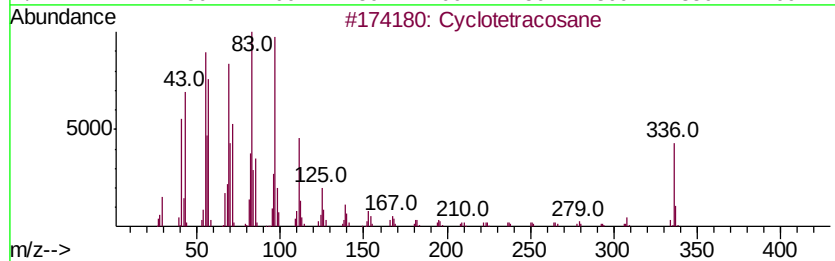
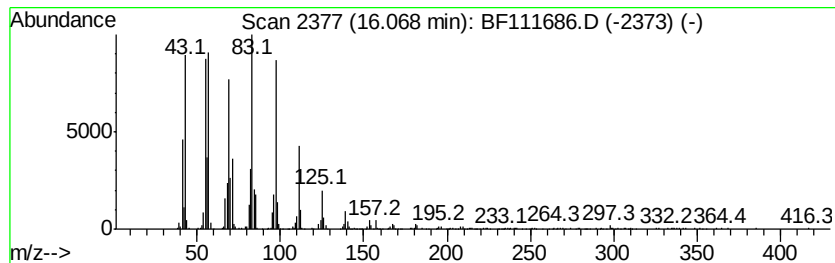
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Cyclotetracosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.07	40.98 ng	1575320	Perylene-d12	15.53

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclotetracosane	336	C24H48	000297-03-0	86
2		Octacosanol	410	C28H58O	000557-61-9	68
3		Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	68
4		Trifluoroacetic acid, pentadecyl...	324	C17H31F3O2	959010-23-2	62
5		Bromoacetic acid, octadecyl ester	390	C20H39BrO2	018992-03-5	58



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122118\
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Operator : JU/SJ
Sample : J6447-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

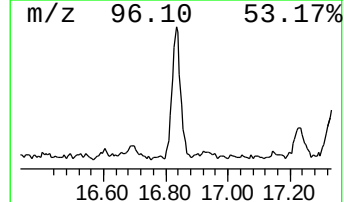
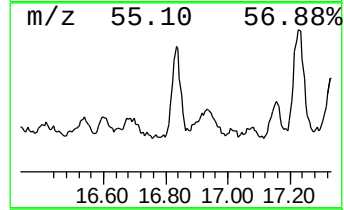
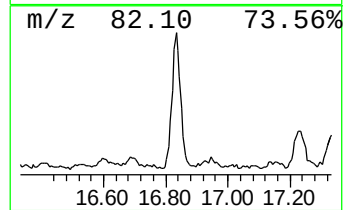
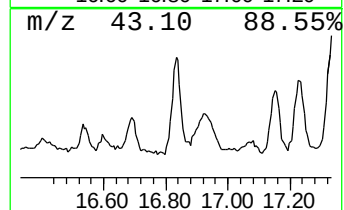
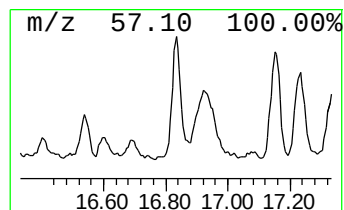
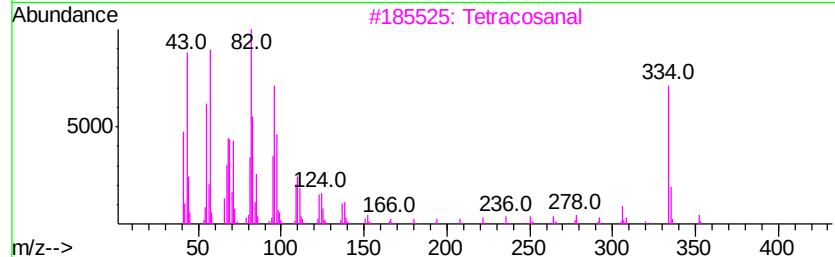
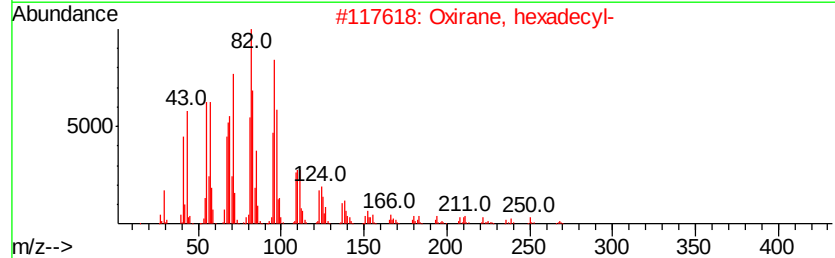
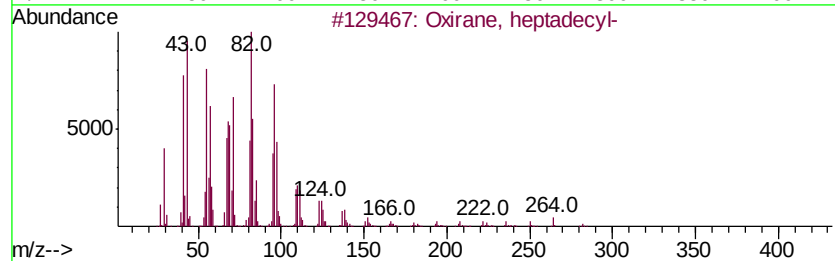
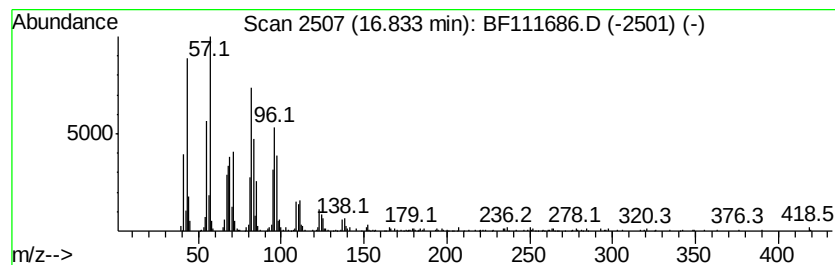
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Oxirane, heptadecyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD		R.T.	
16.83	22.12 ng	850075	Perylene-d12		15.53	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxirane, heptadecyl-		282	C19H38O	067860-04-2	94
2	Oxirane, hexadecyl-		268	C18H36O	007390-81-0	91
3	Tetracosanal		352	C24H48O	057866-08-7	90
4	Octadecanal		268	C18H36O	000638-66-4	87
5	Tetradecanal		212	C14H28O	000124-25-4	80



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122118\
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Sample : J6447-02
Misc :
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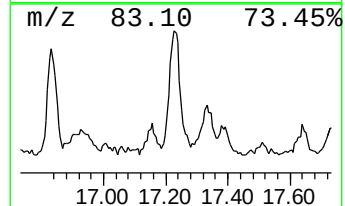
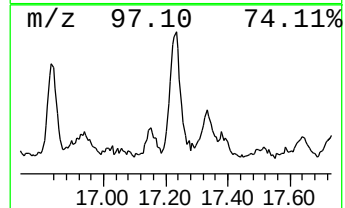
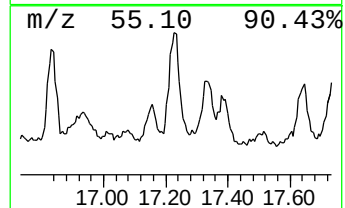
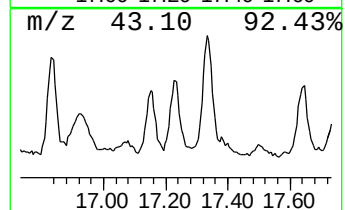
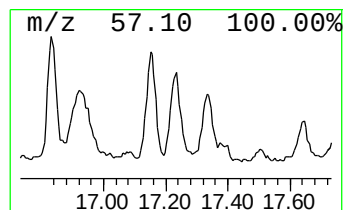
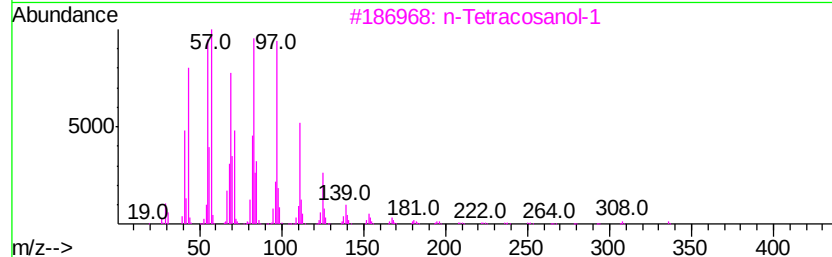
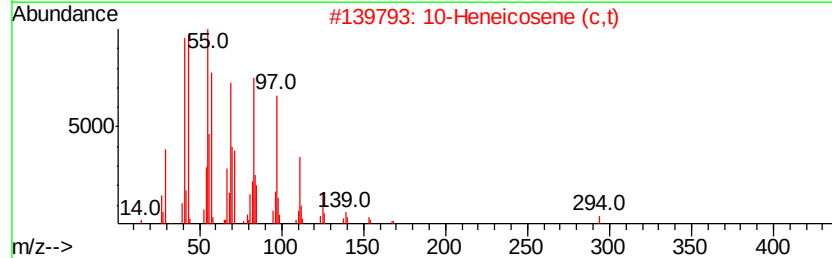
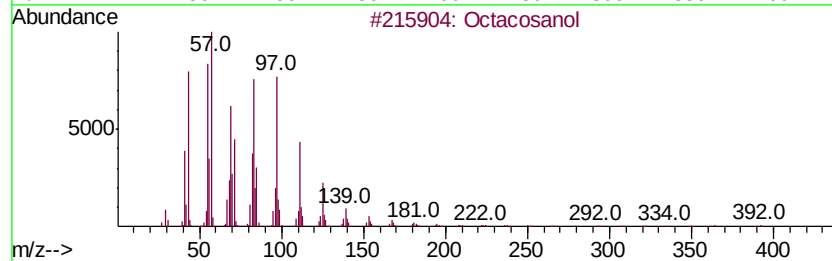
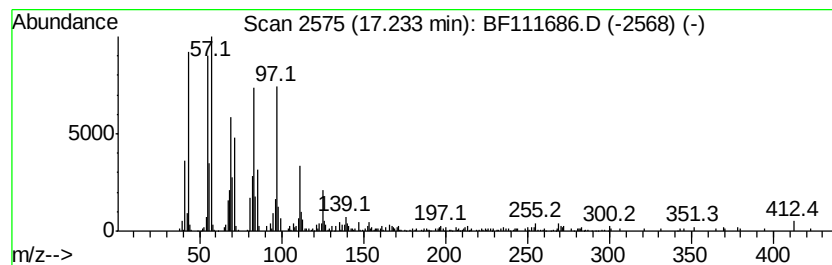
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Octacosanol Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.23	25.25 ng	970708	Perylene-d12	15.53
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Octacosanol	410 C28H58O	000557-61-9 94
2		10-Heneicosene (c,t)	294 C21H42	095008-11-0 91
3		n-Tetracosanol-1	354 C24H50O	000506-51-4 91
4		Eicosyl trifluoroacetate	394 C22H41F3O2	1000351-75-2 91
5		1-Heneicosanol	312 C21H44O	015594-90-8 91



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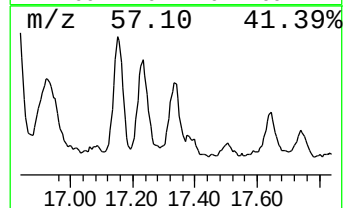
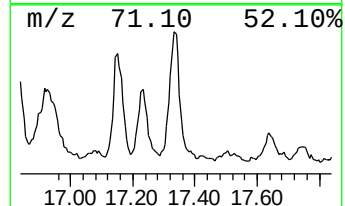
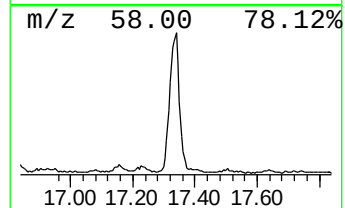
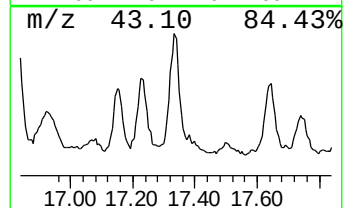
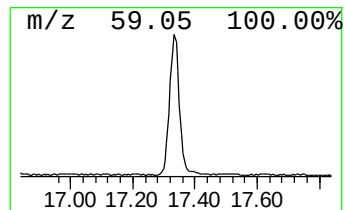
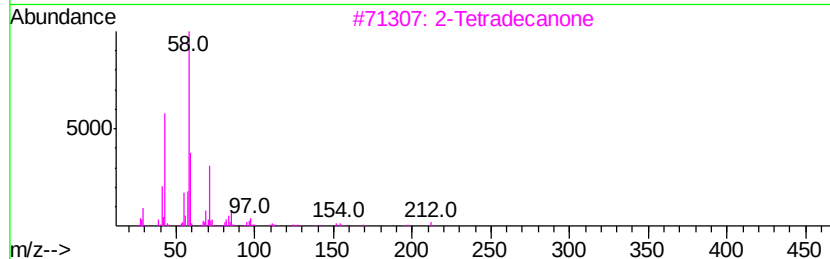
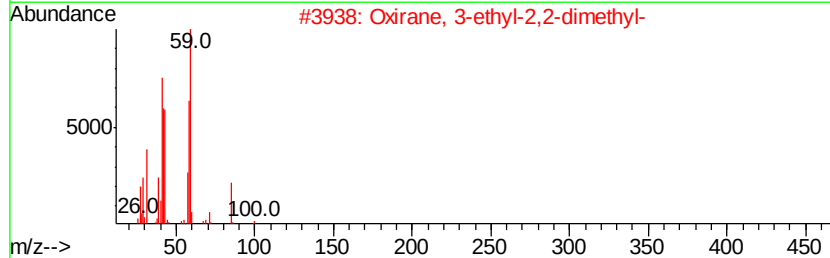
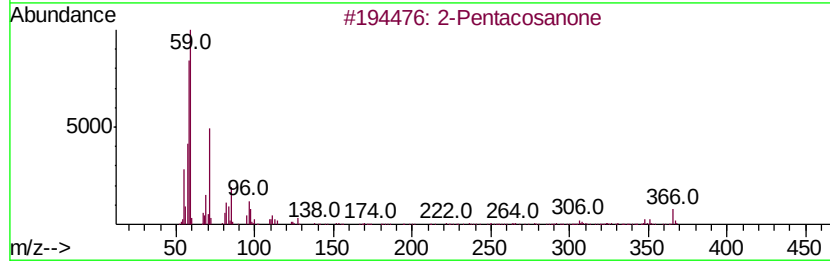
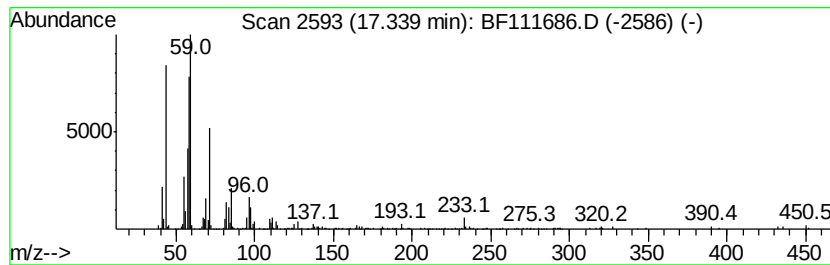
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 2-Pentacosanone Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.34	21.23 ng	816093	Perylene-d12	15.53
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	2-Pentacosanone	366 C25H500	075207-54-4	91
2	Oxirane, 3-ethyl-2,2-dimethyl-	100 C6H120	001192-22-9	53
3	2-Tetradecanone	212 C14H280	002345-27-9	50
4	Oxirane, tetramethyl-	100 C6H120	005076-20-0	50
5	2-Nonadecanone	282 C19H380	000629-66-3	49



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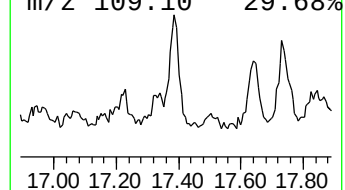
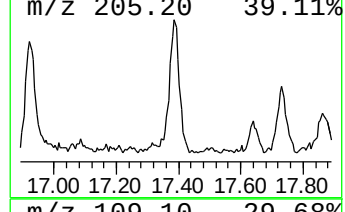
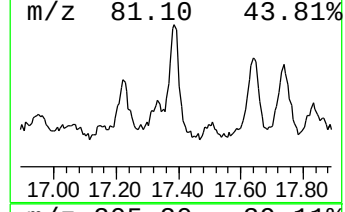
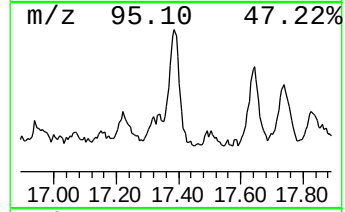
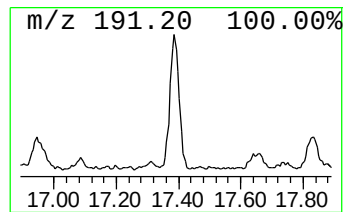
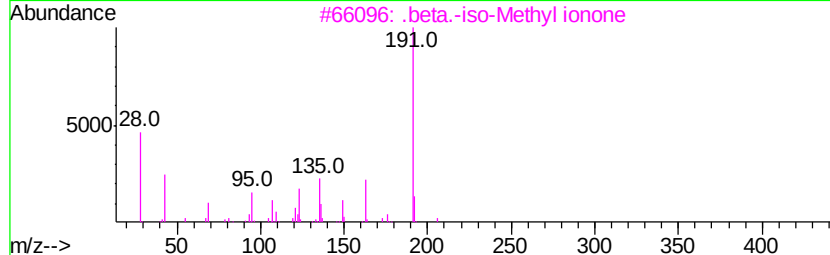
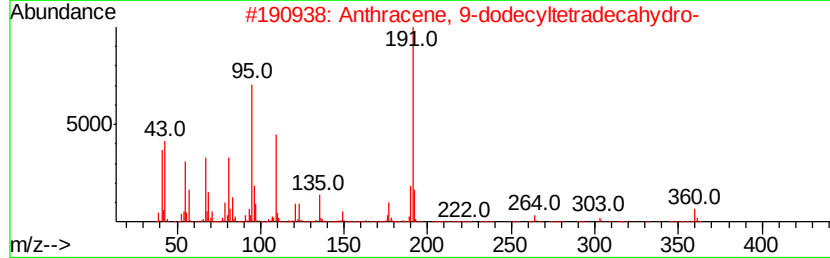
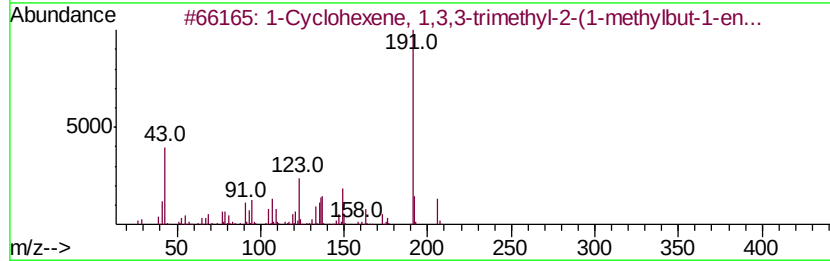
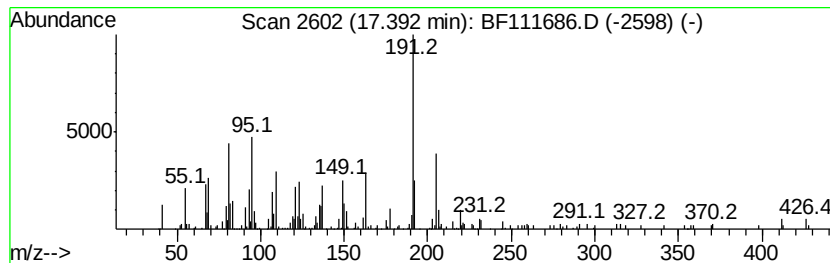
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 unknown17.39 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.39	16.71 ng	642248	Perylene-d12	15.53
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	1-Cyclohexene, 1,3,3-trimethyl-2...	206 C14H22O	1000197-08-4	49
2	Anthracene, 9-dodecyltetradecahy...	360 C26H48	055401-75-7	43
3	.beta.-iso-Methyl ionone	206 C14H22O	1000285-40-2	38
4	2-Fluoro-3-(trifluoromethyl)acet...	206 C9H6F4O	1000342-40-2	38
5	1-Penten-3-one, 1-(2,6,6-trimeth...	206 C14H22O	000127-43-5	38



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122118\
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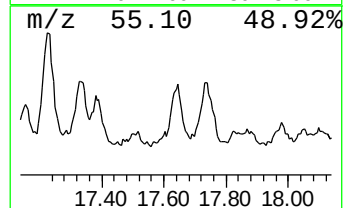
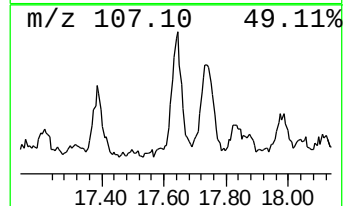
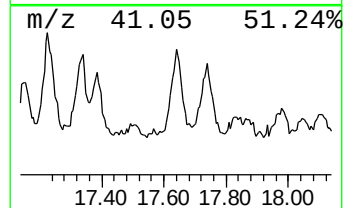
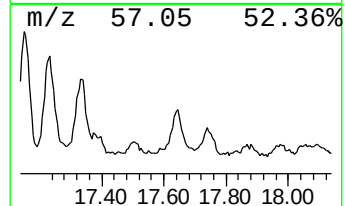
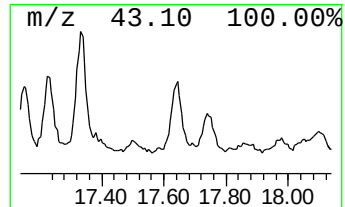
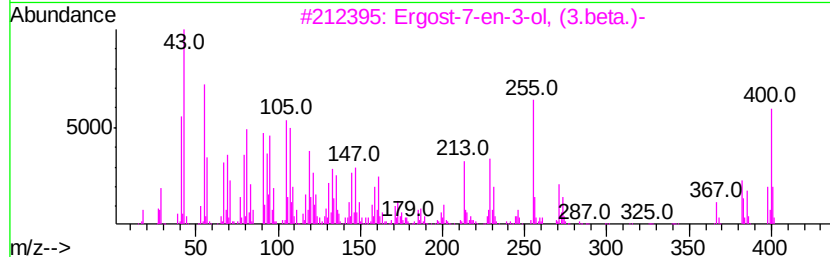
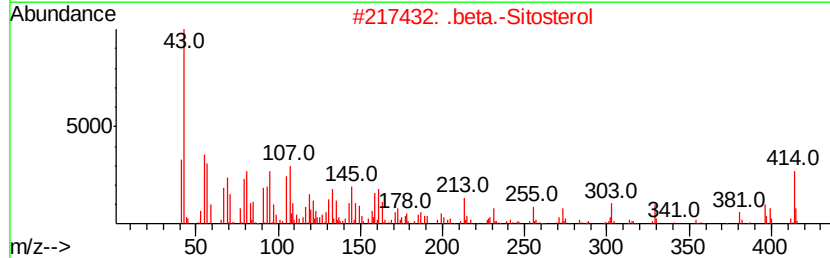
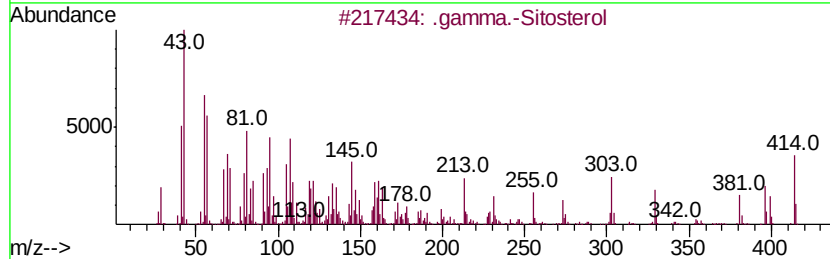
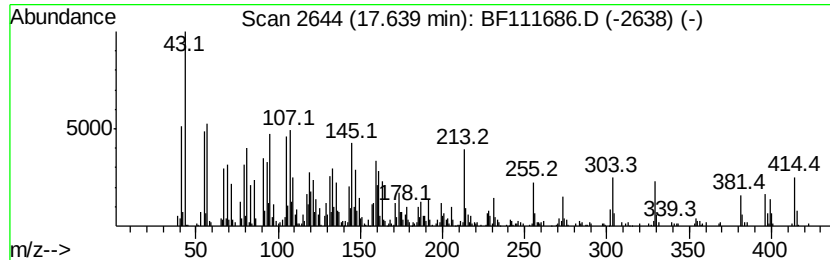
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ClientSampleId :
P001-SS024-0006-01

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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 19 .gamma.-Sitosterol Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.64	28.06 ng	1078690	Perylene-d12	15.53
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		.gamma.-Sitosterol	414 C29H50O	000083-47-6 99
2		.beta.-Sitosterol	414 C29H50O	000083-46-5 97
3		Ergost-7-en-3-ol, (3.beta.)-	400 C28H48O	026047-31-4 66
4		.beta.-Sitosterol acetate	456 C31H52O2	000915-05-9 43
5		Cholestan-3-one, 4,4-dimethyl-, ...	414 C29H50O	002097-85-0 38



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122118\
Data File : BF111686.D
Acq On : 21 Dec 2018 14:40
Operator : JU/SJ
Sample : J6447-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

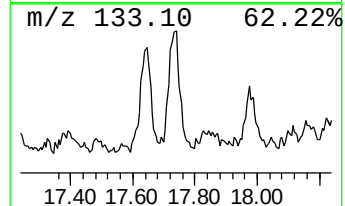
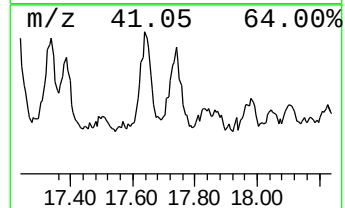
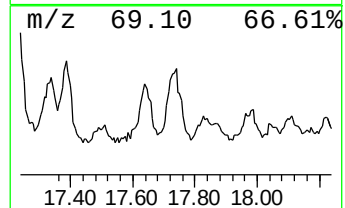
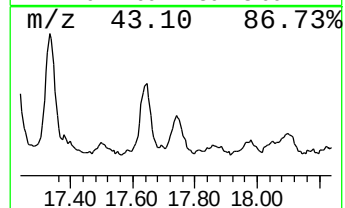
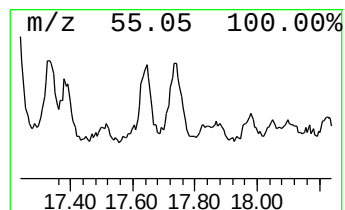
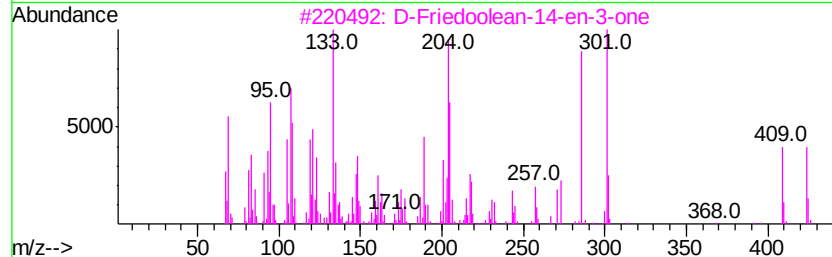
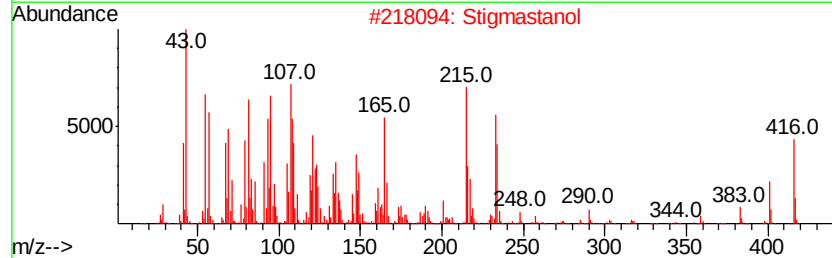
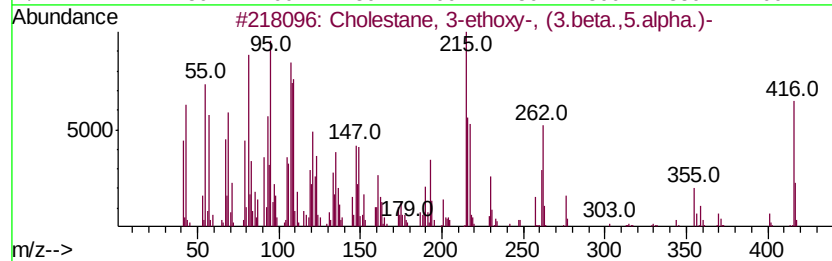
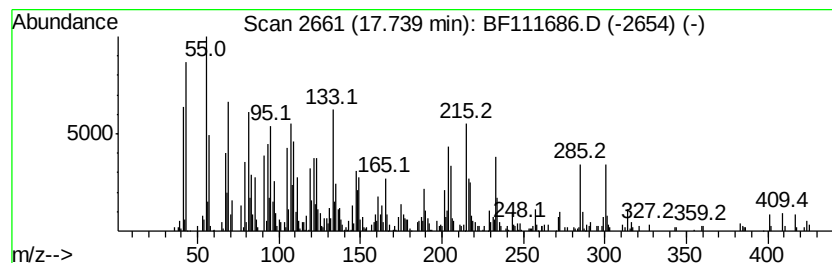
Instrument :
BNA_F
ClientSampleId :
P001-SS024-0006-01

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 Cholestane, 3-ethoxy-, (3.b... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.		
17.74	26.99 ng	1037400	Perylene-d12	15.53		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cholestane, 3-ethoxy-, (3.beta.,...	416	C29H52O	002089-02-3	55
2		Stigmastanol	416	C29H52O	019466-47-8	53
3		D-Friedoolean-14-en-3-one	424	C30H48O	000514-07-8	50
4		Aromandendrene	204	C15H24	000489-39-4	48
5		Thunbergol	290	C20H34O	025269-17-4	41



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF122118\
 Data File : BF111686.D
 Acq On : 21 Dec 2018 14:40
 Operator : JU/SJ
 Sample : J6447-02
 Misc :
 ALS Vial : 7 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
unknown6.67	6.67	76.4	ng	4582750	1	6.90	1199290	20.0
Precocene I	9.76	39.4	ng	3093680	3	9.93	1568630	20.0
n-Hexadecanoic acid	11.94	25.8	ng	1622900	4	11.42	1259300	20.0
Octadecanoic acid	12.73	26.9	ng	1691540	4	11.42	1259300	20.0
9-Tricosene, (Z)-	13.89	83.6	ng	4941600	5	14.05	1182420	20.0
1-Docosene	14.53	119.0	ng	7037260	5	14.05	1182420	20.0
13-Docosenamide, ...	14.82	19.0	ng	729282	6	15.53	768746	20.0
Sulfurous acid, o...	14.84	24.3	ng	935693	6	15.53	768746	20.0
Heneicosane	15.19	78.3	ng	3008000	6	15.53	768746	20.0
1,19-Eicosadiene	15.77	26.4	ng	1014170	6	15.53	768746	20.0
Docosane	16.03	43.9	ng	1687630	6	15.53	768746	20.0
Cyclotetracosane	16.07	41.0	ng	1575320	6	15.53	768746	20.0
Oxirane, heptadecyl-	16.83	22.1	ng	850075	6	15.53	768746	20.0
Octacosanol	17.23	25.3	ng	970708	6	15.53	768746	20.0
2-Pentacosanone	17.34	21.2	ng	816093	6	15.53	768746	20.0
unknown17.39	17.39	16.7	ng	642248	6	15.53	768746	20.0
.gamma.-Sitosterol	17.64	28.1	ng	1078690	6	15.53	768746	20.0
Cholestane, 3-eth...	17.74	27.0	ng	1037400	6	15.53	768746	20.0