

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF031119\
 Data File : BF112987.D
 Acq On : 12 Mar 2019 6:39
 Operator : JU/SJ
 Sample : K1817-09
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EXT-027-SW016-030719

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-BF022719.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	5.339	548	553	556	rBV	3374597	3209692	61.97%	5.397%
2	6.369	723	728	746	rBV	3524134	3595518	69.41%	6.045%
3	6.498	746	750	754	rBV	3685371	3563044	68.79%	5.991%
4	6.728	786	789	793	rBV	1144450	967291	18.67%	1.626%
5	6.886	812	816	819	rBV	3306643	2769513	53.47%	4.657%
6	7.292	880	885	897	rBV	2144703	2296240	44.33%	3.861%
7	8.010	1003	1007	1014	rBV	1269336	1226134	23.67%	2.062%
8	9.086	1186	1190	1201	rBV	4285475	4322158	83.44%	7.267%
9	9.480	1254	1257	1266	rBV2	292281	350090	6.76%	0.589%
10	9.763	1301	1305	1314	rBV	1747290	1587154	30.64%	2.669%
11	10.545	1434	1438	1454	rBV	3149186	3210445	61.98%	5.398%
12	10.916	1497	1501	1507	rBV8	45982	73576	1.42%	0.124%
13	11.198	1545	1549	1552	rBV2	61288	72664	1.40%	0.122%
14	11.239	1552	1556	1558	rVV	1932106	1715812	33.13%	2.885%
15	11.263	1558	1560	1566	rVV	417003	400258	7.73%	0.673%
16	11.310	1566	1568	1572	rVB	73875	77573	1.50%	0.130%
17	11.463	1590	1594	1598	rBV3	56353	72650	1.40%	0.122%
18	11.704	1631	1635	1638	rBV5	41585	70385	1.36%	0.118%
19	11.739	1638	1641	1644	rVV	145779	150841	2.91%	0.254%
20	11.780	1644	1648	1657	rVV2	1530138	1931673	37.29%	3.248%
21	11.851	1657	1660	1662	rVV	143855	185599	3.58%	0.312%
22	11.874	1662	1664	1668	rVB	83206	77477	1.50%	0.130%
23	12.033	1688	1691	1693	rBV	61472	60019	1.16%	0.101%
24	12.057	1693	1695	1700	rVB3	49577	54707	1.06%	0.092%
25	12.180	1711	1716	1719	rBV3	48586	67299	1.30%	0.113%
26	12.286	1728	1734	1737	rBV	96580	127084	2.45%	0.214%
27	12.368	1746	1748	1753	rVB3	72982	83957	1.62%	0.141%
28	12.445	1757	1761	1765	rBV	692708	650228	12.55%	1.093%
29	12.480	1765	1767	1774	rVV6	82137	176871	3.41%	0.297%
30	12.563	1777	1781	1794	rVB2	650520	876757	16.93%	1.474%
31	12.668	1794	1799	1803	rBV	601140	627902	12.12%	1.056%
32	12.821	1821	1825	1828	rVV	4488943	4258816	82.22%	7.161%
33	12.892	1833	1837	1841	rBV3	96011	117925	2.28%	0.198%
34	12.998	1853	1855	1859	rVB2	107895	96471	1.86%	0.162%

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 Integrator: RTE
 Smoothing : ON
 Sampling : 1
 Start Thrs: 0.2
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 Min Area: 3 % of largest Peak
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If leading or trailing edge < 100 prefer < Baseline drop else tangent >
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Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
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35	13.045	1859	1863	1864	rBV2	109248	125248	2.42%	0.211%
36	13.063	1864	1866	1869	rVV	125341	107054	2.07%	0.180%
37	13.104	1869	1873	1877	rVB	99721	108992	2.10%	0.183%
38	13.404	1917	1924	1929	rBV5	98063	168210	3.25%	0.283%
39	13.504	1938	1941	1947	rVB2	77733	119793	2.31%	0.201%
40	13.610	1955	1959	1962	rBV2	68593	98727	1.91%	0.166%
41	13.721	1973	1978	1995	rVB2	1027705	1400927	27.05%	2.356%
42	13.862	1997	2002	2005	rVV2	1704669	1926296	37.19%	3.239%
43	13.886	2005	2006	2012	rVB	322385	271009	5.23%	0.456%
44	13.939	2012	2015	2018	rBV2	167227	202011	3.90%	0.340%
45	13.974	2019	2021	2024	rVB2	77466	75068	1.45%	0.126%
46	14.045	2030	2033	2037	rBV2	245825	236122	4.56%	0.397%
47	14.162	2050	2053	2056	rBV2	73319	65033	1.26%	0.109%
48	14.251	2065	2068	2071	rVB	73869	66208	1.28%	0.111%
49	14.286	2071	2074	2077	rVB2	54923	54518	1.05%	0.092%
50	14.357	2081	2086	2100	rBV	2161759	2937675	56.71%	4.939%
51	14.557	2117	2120	2123	rBV2	135605	159843	3.09%	0.269%
52	14.645	2131	2135	2137	rBV	410297	476937	9.21%	0.802%
53	14.709	2144	2146	2151	rVB2	73748	78803	1.52%	0.132%
54	14.774	2154	2157	2163	rVB	341046	348199	6.72%	0.585%
55	14.874	2170	2174	2177	rBV	234680	383962	7.41%	0.646%
56	14.986	2185	2193	2206	rBV	2891817	5179809	100.00%	8.709%
57	15.151	2218	2221	2227	rVB	115486	143865	2.78%	0.242%
58	15.209	2228	2231	2236	rVV	175076	196943	3.80%	0.331%
59	15.268	2237	2241	2245	rVV	853904	1092336	21.09%	1.837%
60	15.315	2245	2249	2253	rVB2	367744	472987	9.13%	0.795%
61	15.498	2276	2280	2287	rVB4	91359	126938	2.45%	0.213%
62	15.721	2313	2318	2322	rBV	604055	870628	16.81%	1.464%
63	15.774	2322	2327	2334	rBV	269423	536804	10.36%	0.903%
64	16.186	2392	2397	2401	rBV	132368	219913	4.25%	0.370%
65	16.451	2437	2442	2450	rBV4	111811	221689	4.28%	0.373%
66	16.627	2468	2472	2475	rBV2	74229	143679	2.77%	0.242%
67	16.733	2486	2490	2497	rVB2	108168	202314	3.91%	0.340%
68	16.821	2499	2505	2513	rVV8	129652	372111	7.18%	0.626%
69	16.962	2525	2529	2536	rVB2	175835	343079	6.62%	0.577%
70	17.039	2538	2542	2549	rVB	51746	111814	2.16%	0.188%
71	17.192	2562	2568	2582	rVB8	172753	503959	9.73%	0.847%

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Integration Parameters: rteint.p
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

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
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72	18.127	2721	2727	2737	rVB8	68086	201101	3.88%	0.338%
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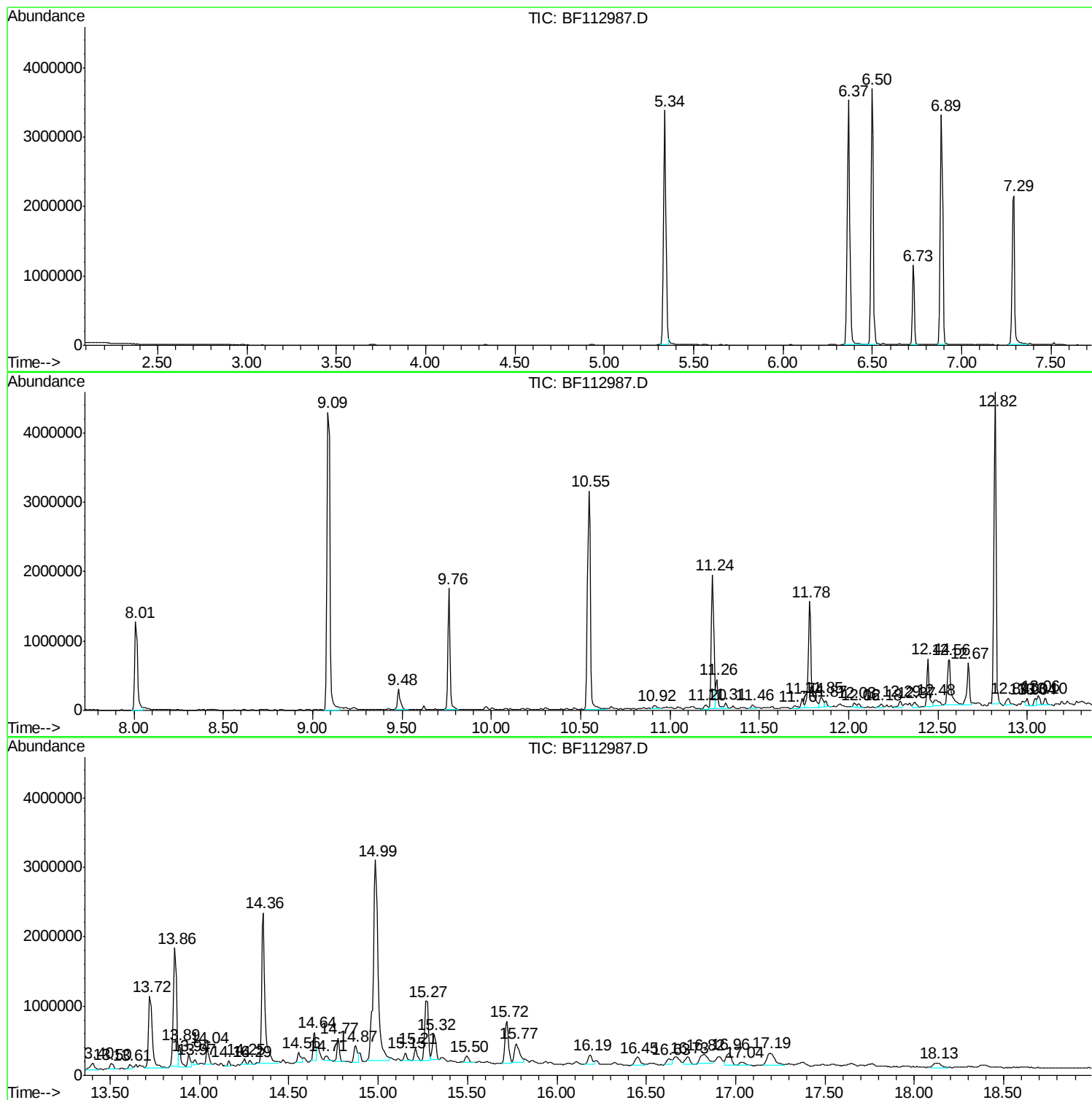
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Instrument :
BNA_F
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EXT-027-SW016-030719

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.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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Instrument :
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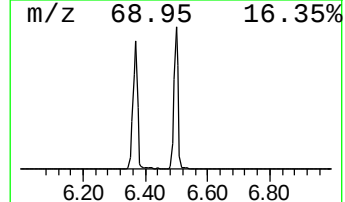
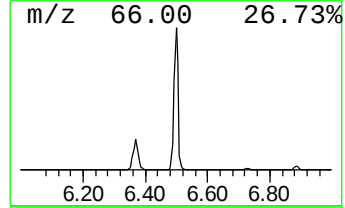
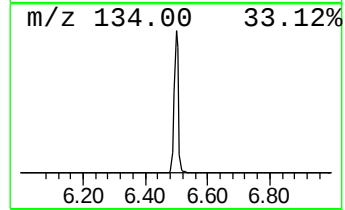
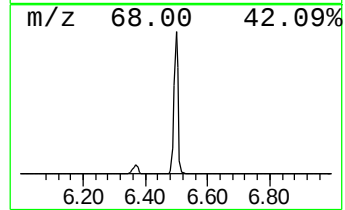
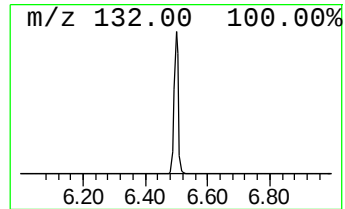
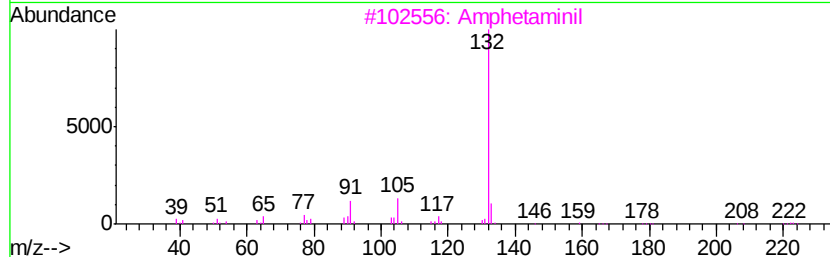
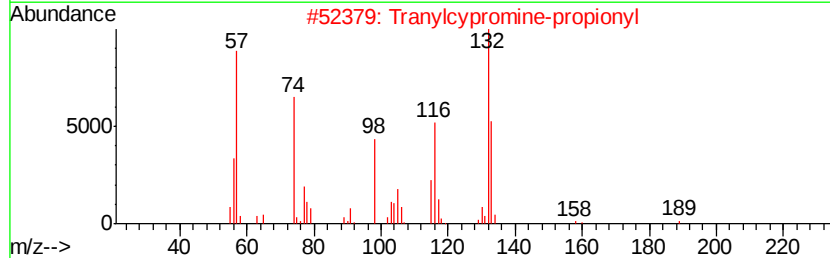
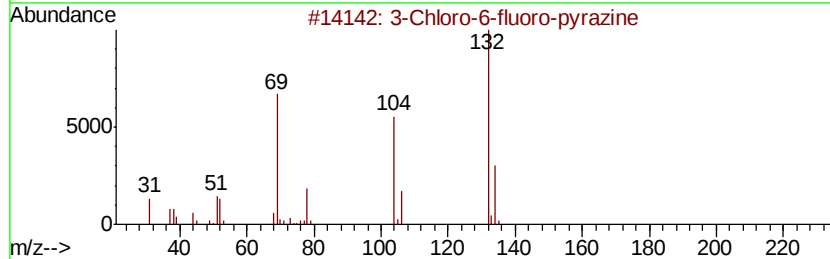
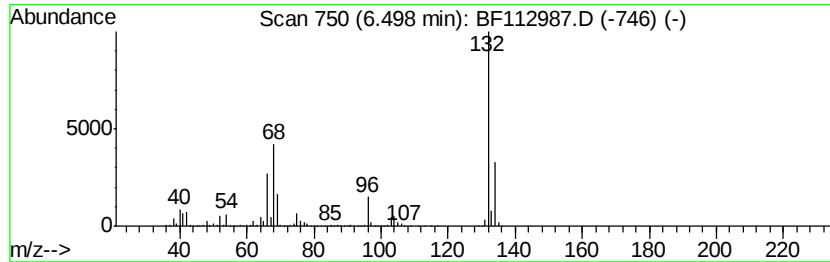
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown6.50 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.50	73.67 ng	3563040	1,4-Dichlorobenzene-d4	6.73

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
3		Amphetaminil	250	C17H18N2	017590-01-1	12
4		5-Aminoindole	132	C8H8N2	005192-03-0	12
5		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	12



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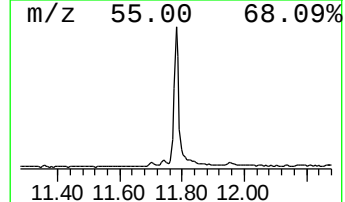
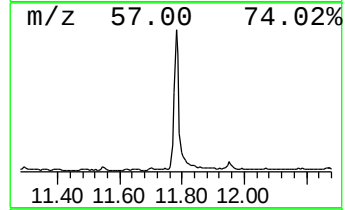
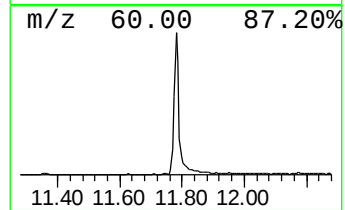
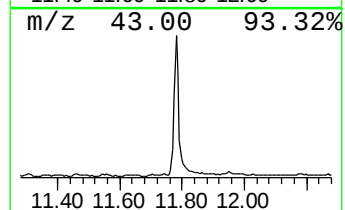
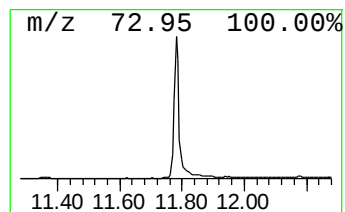
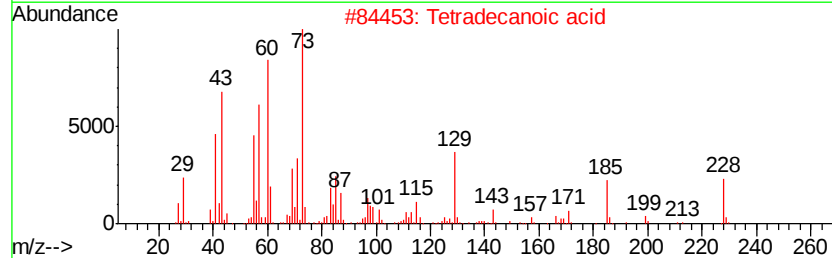
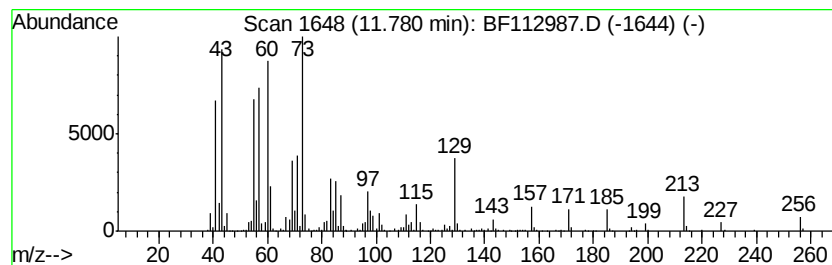
Instrument :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.78	22.52 ng	1931670	Phenanthrene-d10	11.24	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	93
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	93
4	Tridecanoic acid	214	C13H26O2	000638-53-9	90
5	Oxalic acid, allyl pentadecyl ester	340	C20H36O4	1000309-24-3	18



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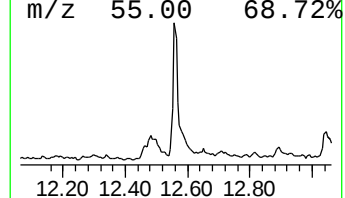
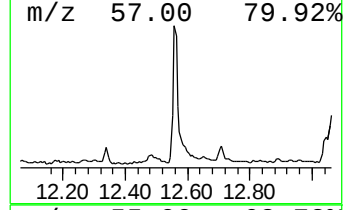
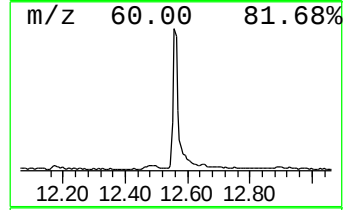
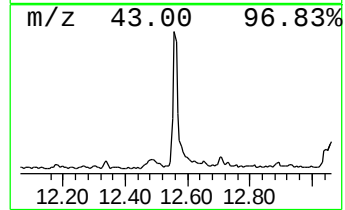
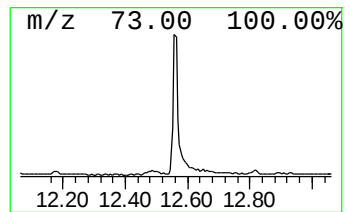
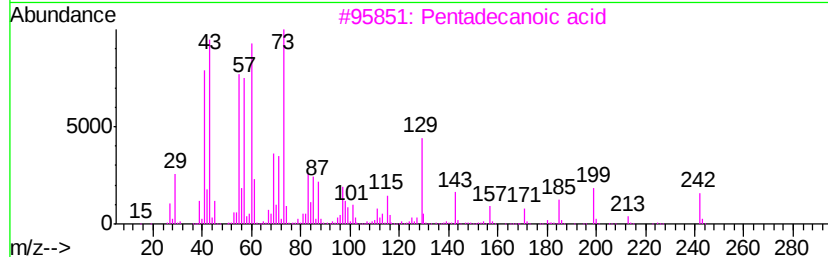
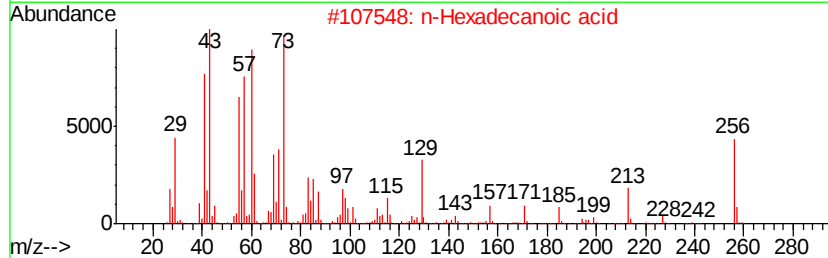
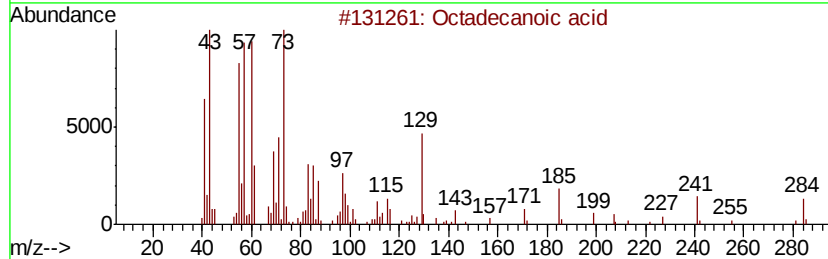
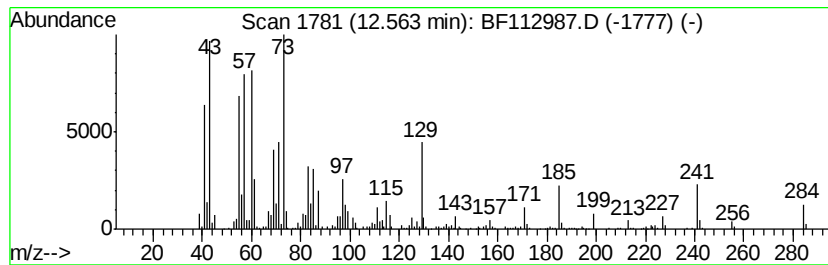
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Octadecanoic acid Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD		R.T.
12.56	9.10 ng	876757	Chrysene-d12		13.86
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	90
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	90
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	87
5	n-Decanoic acid	172	C10H20O2	000334-48-5	70



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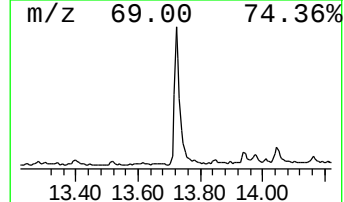
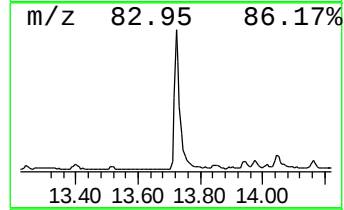
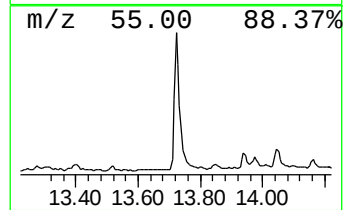
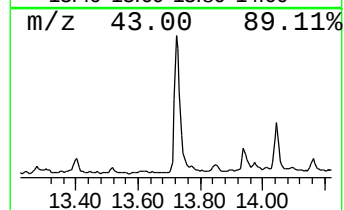
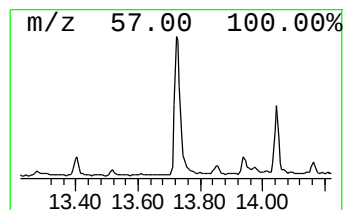
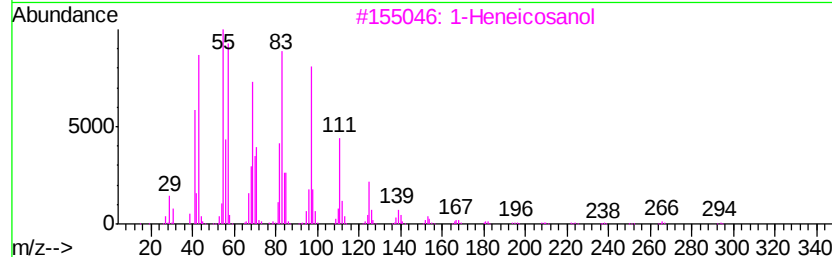
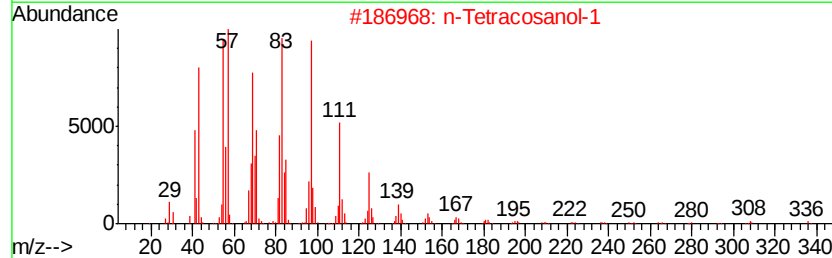
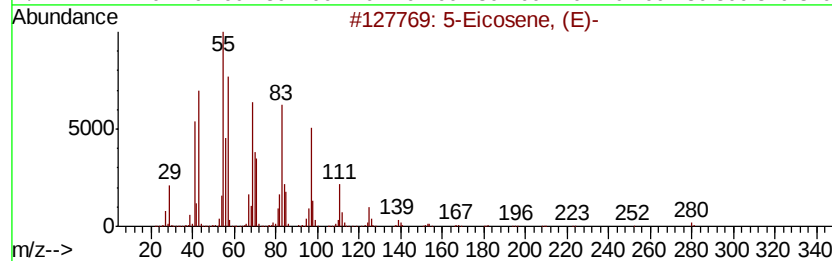
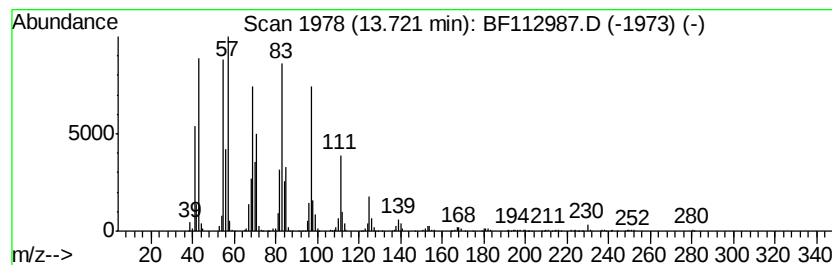
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 5-Eicosene, (E)- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.72	14.55 ng	1400930	Chrysene-d12	13.86

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Eicosene, (E)-		280	C20H40	074685-30-6	98
2	n-Tetracosanol-1		354	C24H50O	000506-51-4	94
3	1-Heneicosanol		312	C21H44O	015594-90-8	93
4	Trichloroacetic acid, hexadecyl ...		386	C18H33Cl3O2	074339-54-1	91
5	Pentafluoropropionic acid, penta...		374	C18H31F5O2	959092-08-1	91



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Sample : K1817-09
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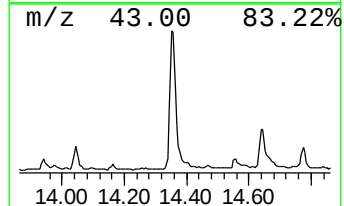
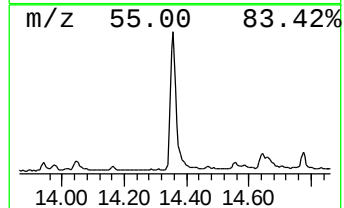
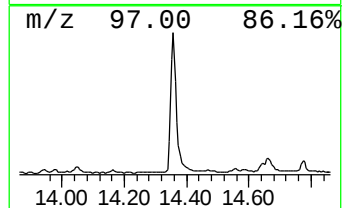
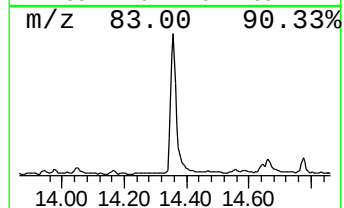
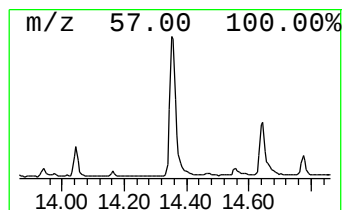
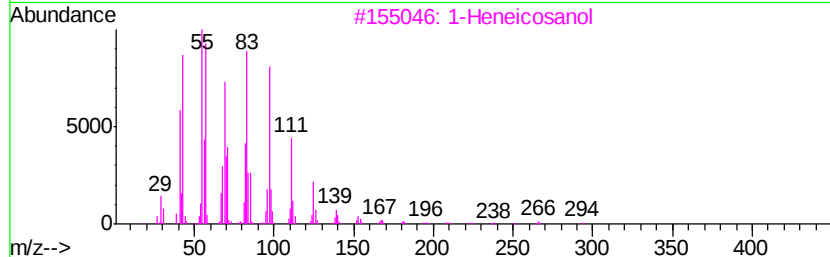
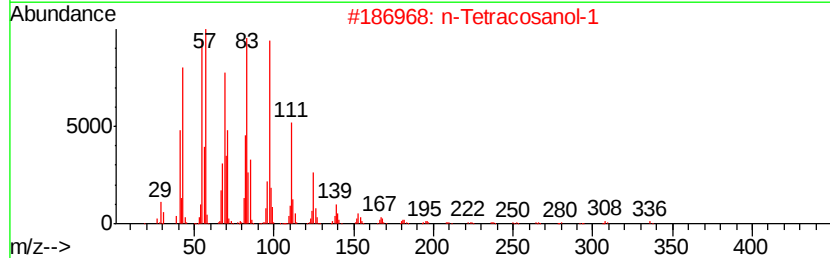
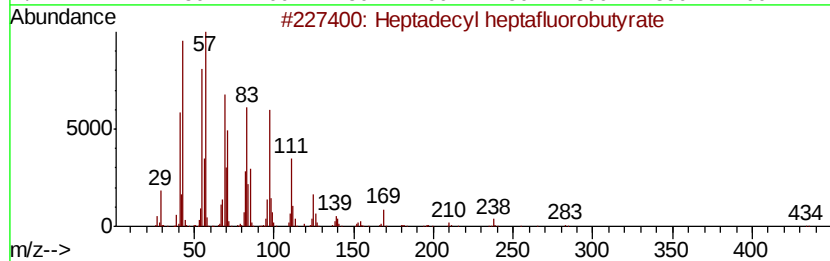
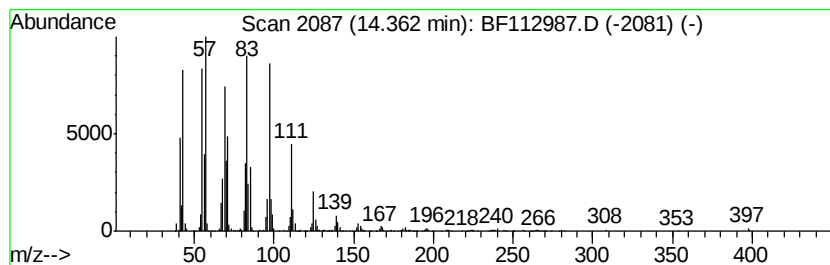
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Heptadecyl heptafluorobutyrate Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.		
14.36	30.50 ng	2937680	Chrysene-d12	13.86		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	94
2		n-Tetracosanol-1	354	C24H50O	000506-51-4	93
3		1-Heneicosanol	312	C21H44O	015594-90-8	93
4		Pentafluoropropionic acid, octadec...	416	C21H37F5O2	959261-25-7	91
5		2- Chloropropionic acid, octadec...	360	C21H41ClO2	088104-31-8	91



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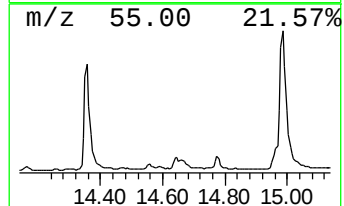
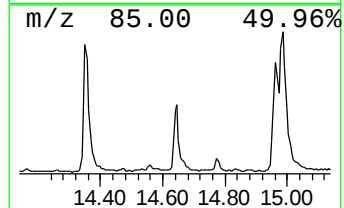
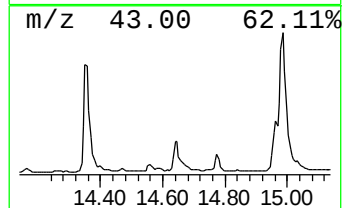
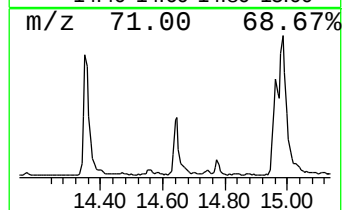
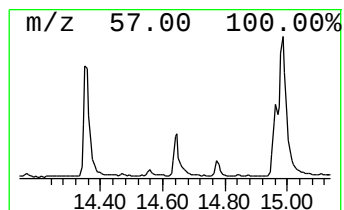
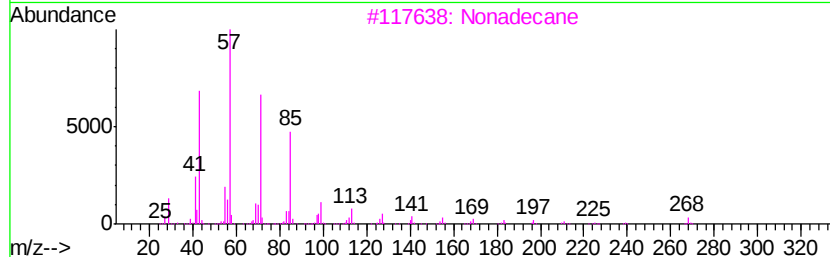
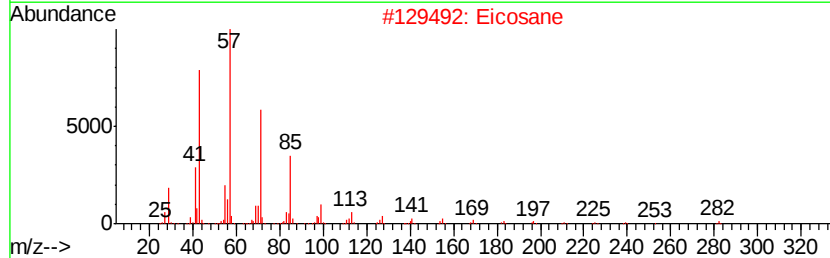
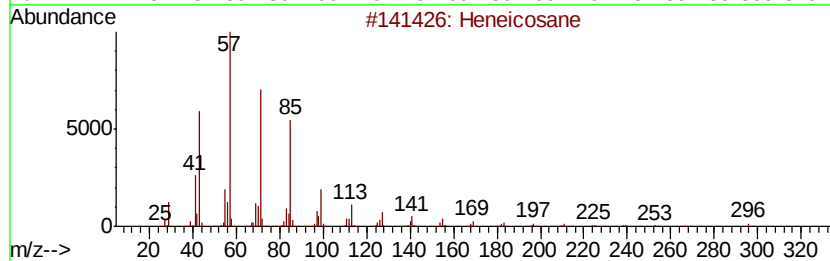
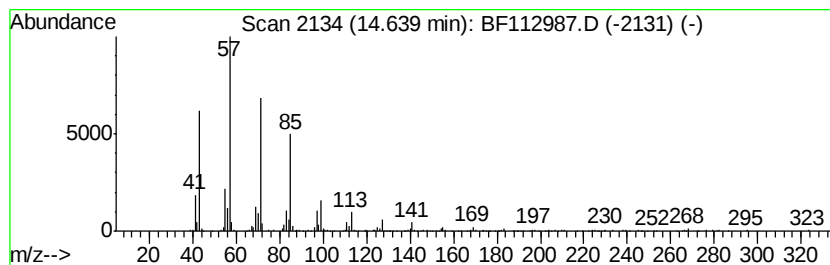
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Heneicosane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.64	8.73 ng	476937	Perylene-d12	15.27

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	91
2		Eicosane	282	C20H42	000112-95-8	91
3		Nonadecane	268	C19H40	000629-92-5	91
4		Octacosane	394	C28H58	000630-02-4	90
5		Octadecane	254	C18H38	000593-45-3	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031119\
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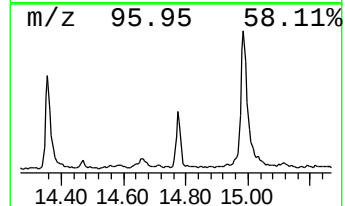
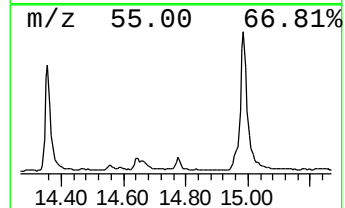
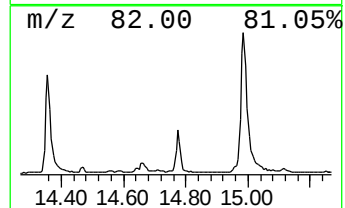
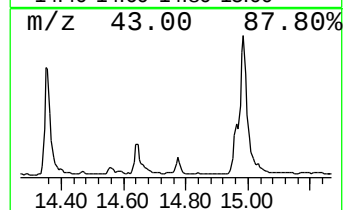
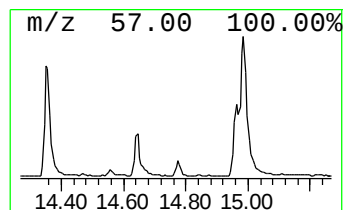
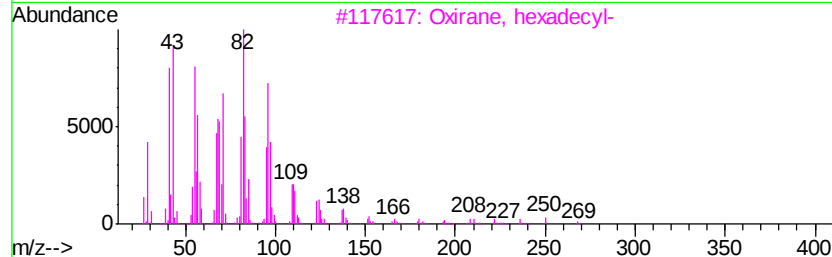
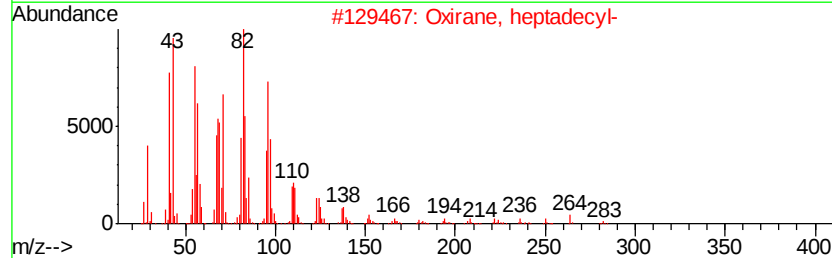
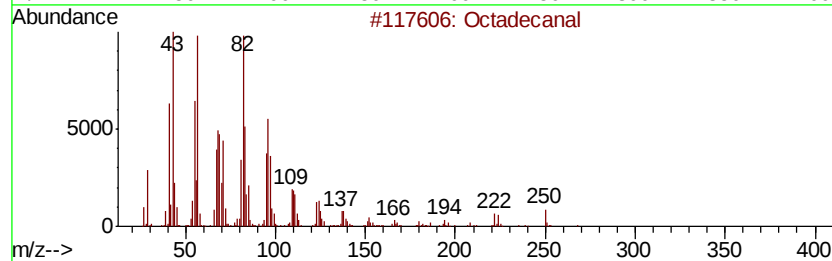
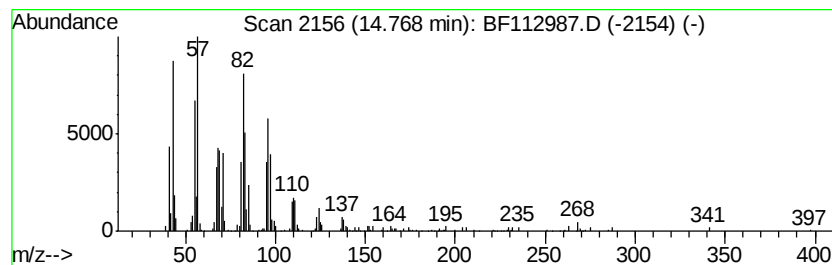
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Octadecanal Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD		R.T.	
14.77	6.38 ng	348199	Perylene-d12		15.27	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Octadecanal	268	C18H36O	000638-66-4	91
2		Oxirane, heptadecyl-	282	C19H38O	067860-04-2	91
3		Oxirane, hexadecyl-	268	C18H36O	007390-81-0	91
4		Heptadecanal	254	C17H34O	1000376-70-0	91
5		Hexadecanal	240	C16H32O	000629-80-1	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031119\
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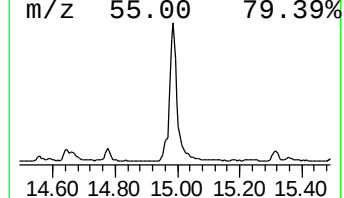
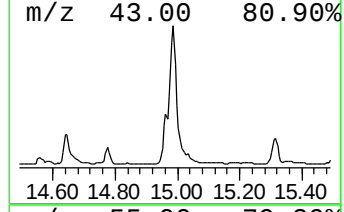
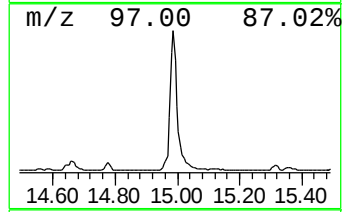
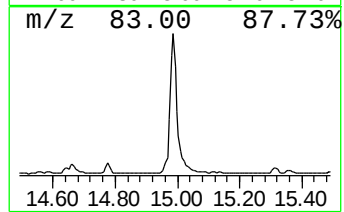
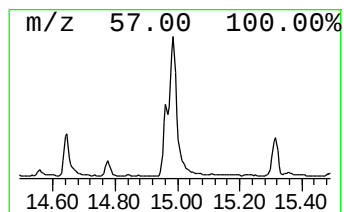
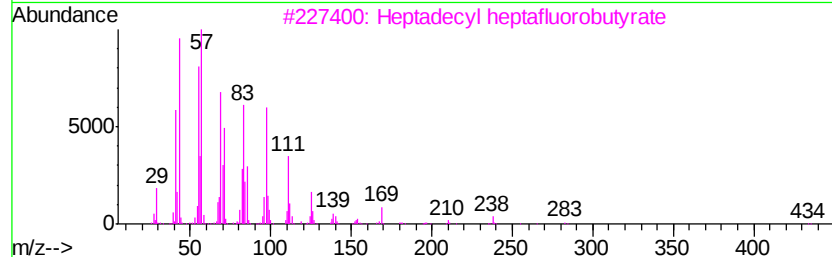
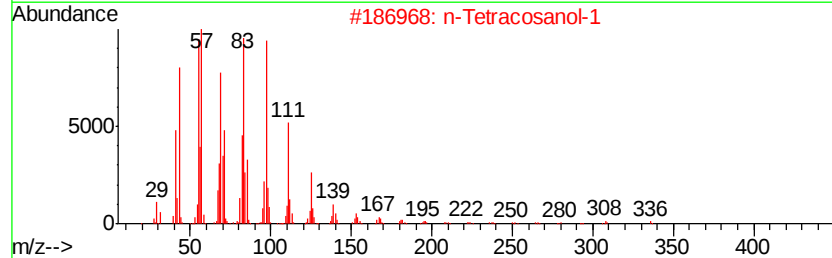
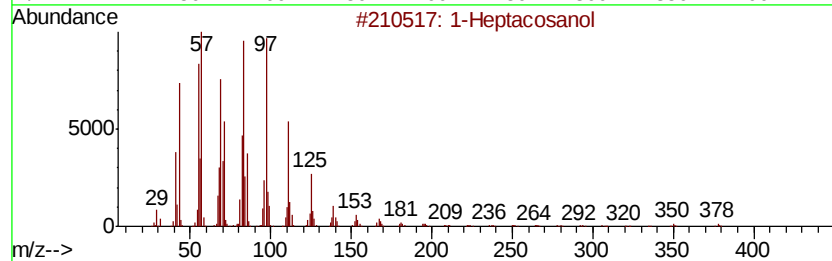
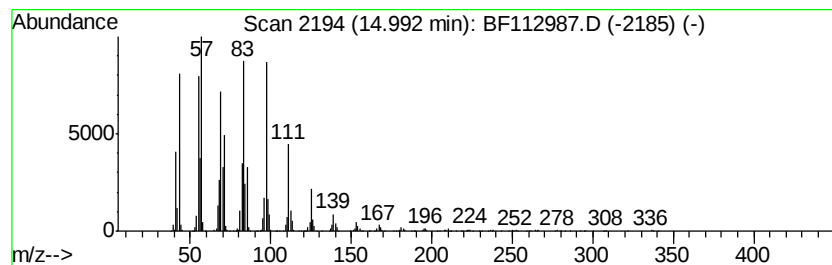
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 1-Heptacosanol Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.99	94.84 ng	5179810	Perylene-d12	15.27

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Heptacosanol	396	C27H56O	002004-39-9	95
2		n-Tetracosanol-1	354	C24H50O	000506-51-4	94
3		Heptadecyl heptafluorobutvrate	452	C21H35F7O2	959085-66-6	94
4		1-Heneicosanol	312	C21H44O	015594-90-8	93
5		Behenic alcohol	326	C22H46O	000661-19-8	93



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031119\
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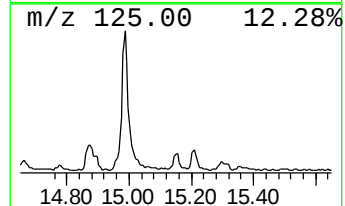
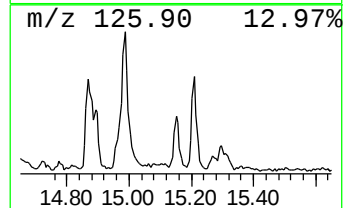
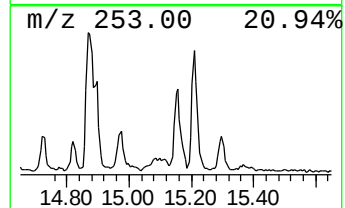
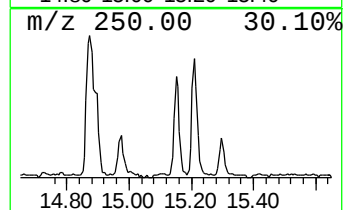
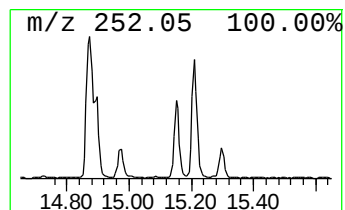
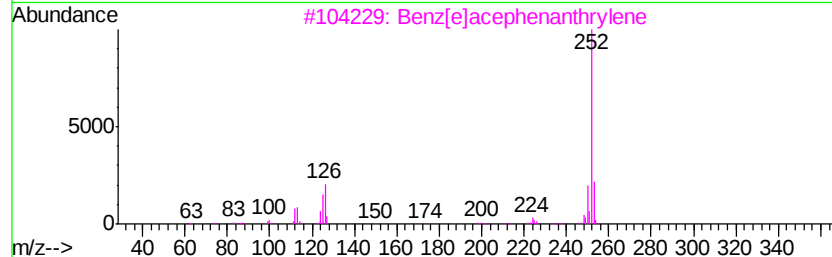
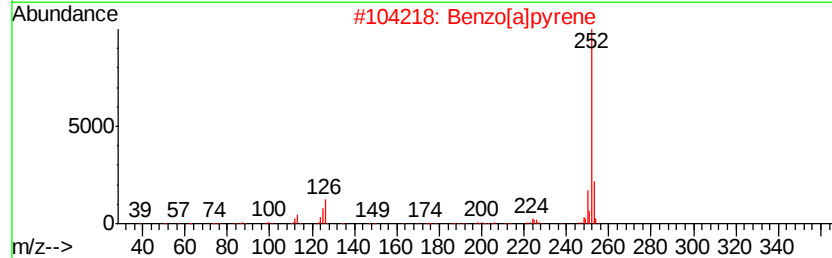
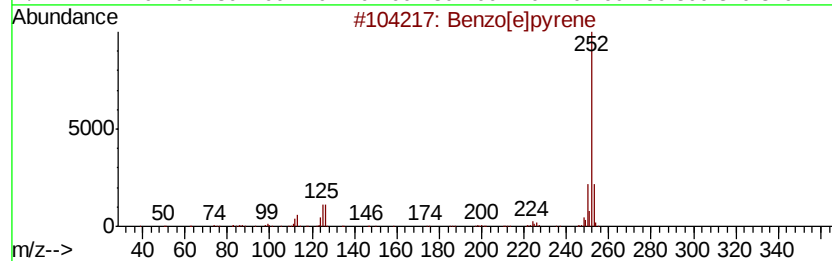
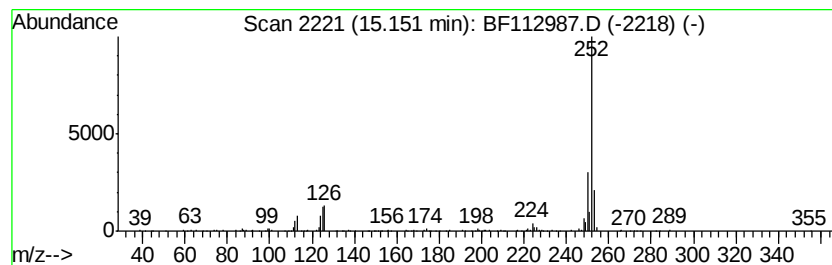
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 Benzo[e]pyrene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.15	2.63 ng	143865	Perylene-d12	15.27

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2		Benzo[a]pyrene	252	C20H12	000050-32-8	96
3		Benz[e]acephenanthrylene	252	C20H12	000205-99-2	95
4		Perylene	252	C20H12	000198-55-0	94
5		Benzo[k]fluoranthene	252	C20H12	000207-08-9	91



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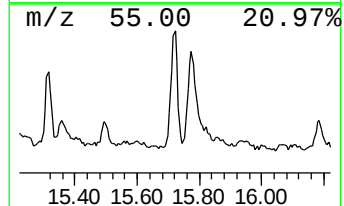
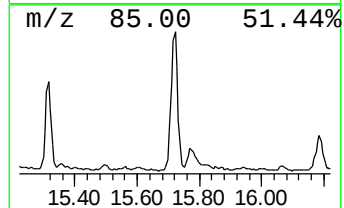
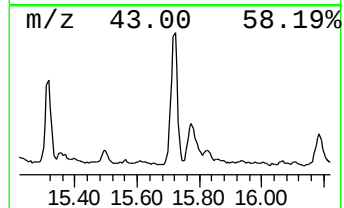
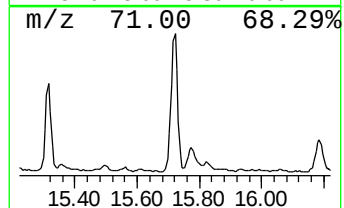
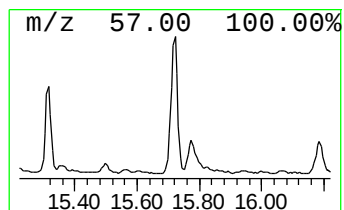
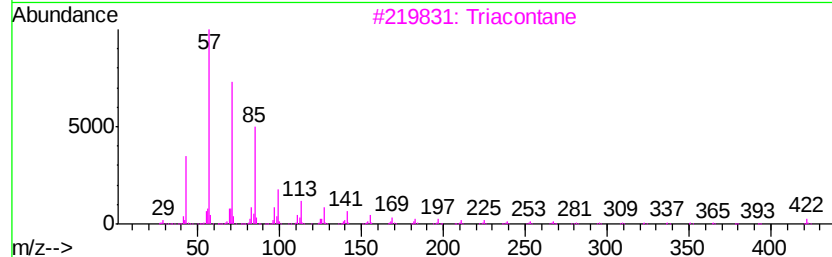
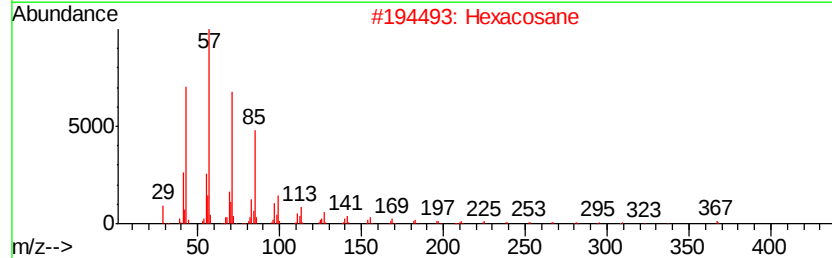
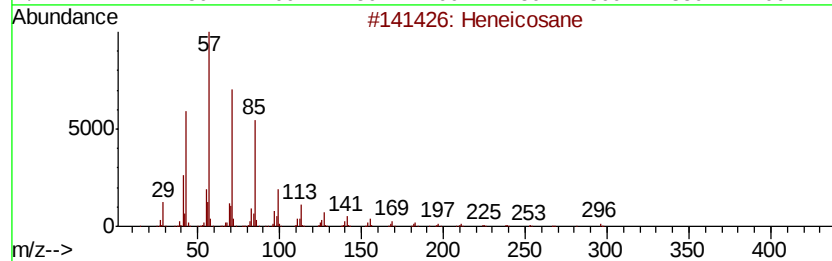
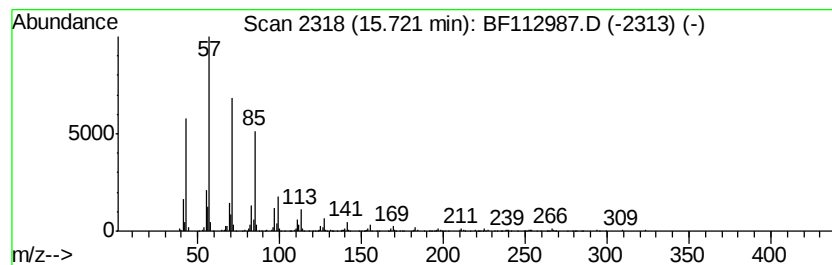
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 11 unknown15.72 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.72	15.94 ng	870628	Perylene-d12	15.27

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	91
2		Hexacosane	366	C26H54	000630-01-3	91
3		Triacontane	422	C30H62	000638-68-6	91
4		Docosane, 11-butyl-	366	C26H54	013475-76-8	91
5		Eicosane, 7-hexyl-	366	C26H54	055333-99-8	90



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ALS Vial : 33 Sample Multiplier: 1

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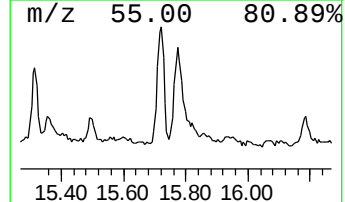
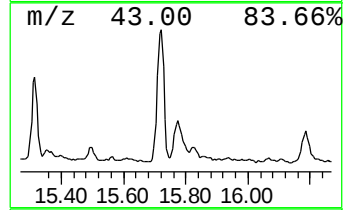
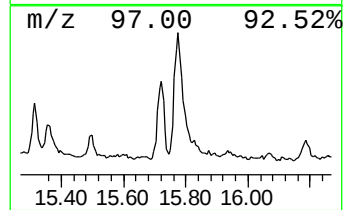
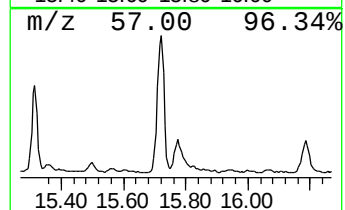
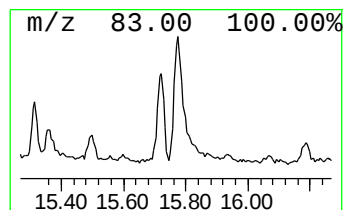
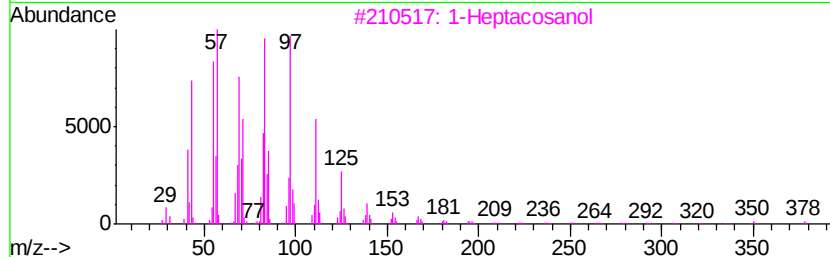
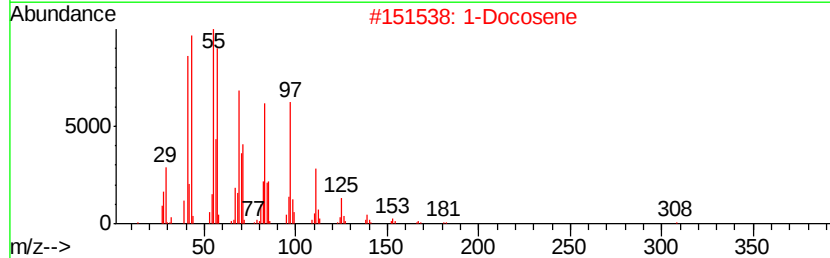
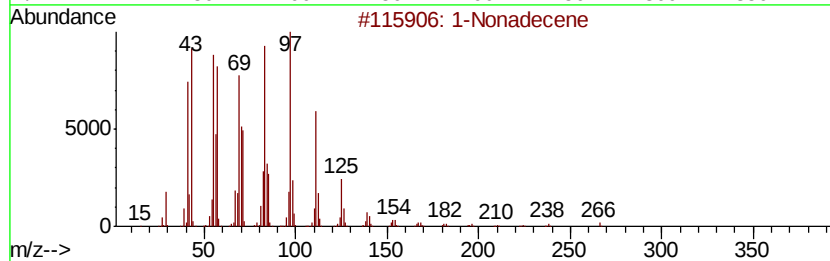
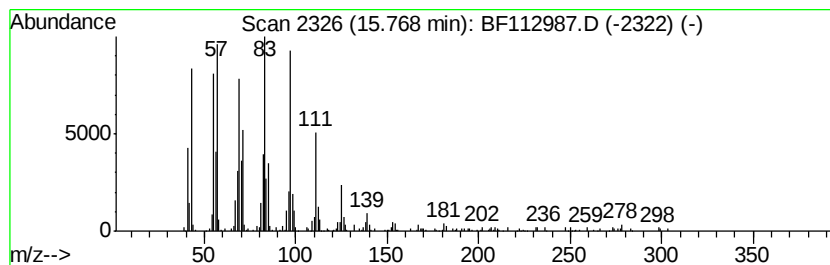
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 1-Nonadecene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.77	9.83 ng	536804	Perylene-d12	15.27

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Nonadecene	266	C19H38	018435-45-5	96
2		1-Docosene	308	C22H44	001599-67-3	95
3		1-Heptacosanol	396	C27H56O	002004-39-9	95
4		Octacosanol	410	C28H58O	000557-61-9	94
5		Behenic alcohol	326	C22H46O	000661-19-8	94



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031119\
Data File : BF112987.D
Acq On : 12 Mar 2019 6:39
Operator : JU/SJ
Sample : K1817-09
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
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ClientSampleId :
EXT-027-SW016-030719

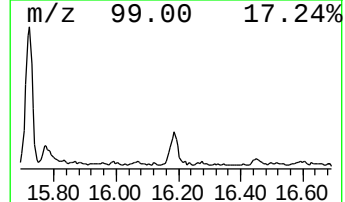
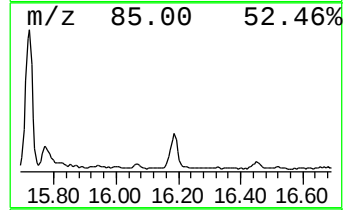
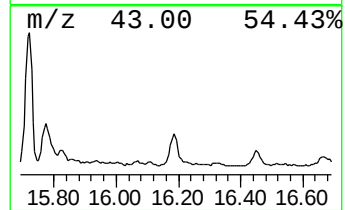
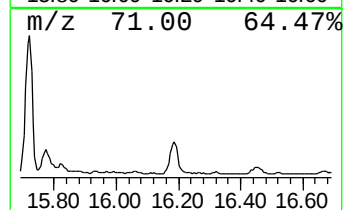
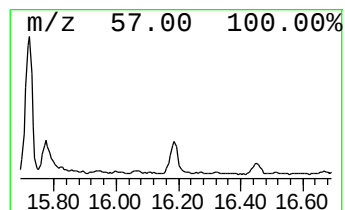
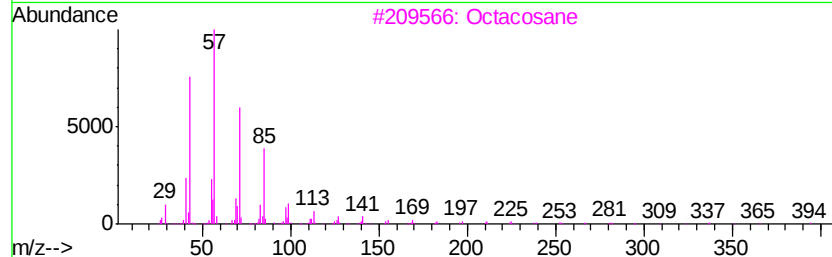
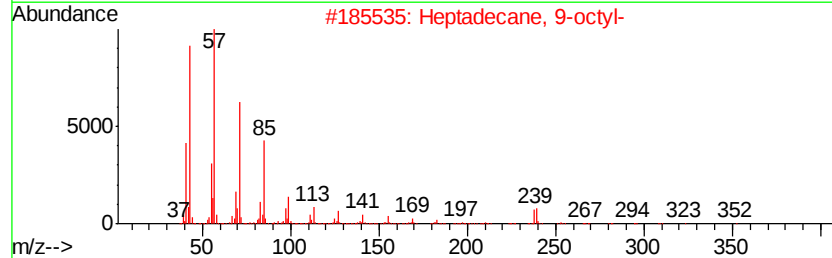
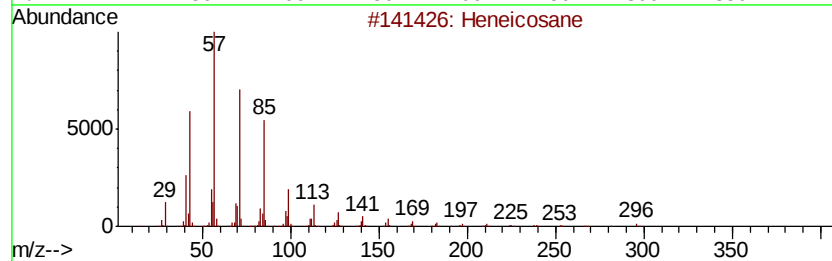
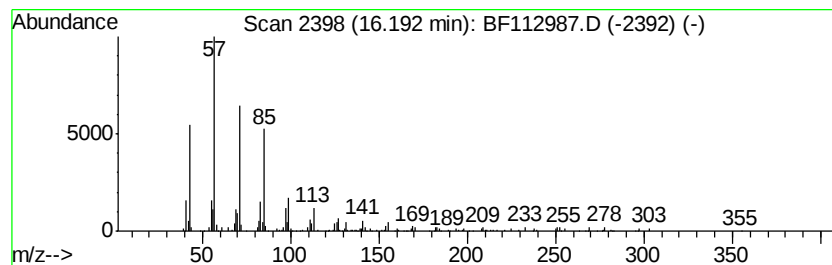
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 unknown16.19 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.19	4.03 ng	219913	Perylene-d12	15.27

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heneicosane	296	C21H44	000629-94-7	90
2			Heptadecane, 9-octyl-	352	C25H52	007225-64-1	87
3			Octacosane	394	C28H58	000630-02-4	87
4			2-methyloctacosane	408	C29H60	1000376-72-8	87
5			Docosane, 11-butyl-	366	C26H54	013475-76-8	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031119\
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Sample : K1817-09
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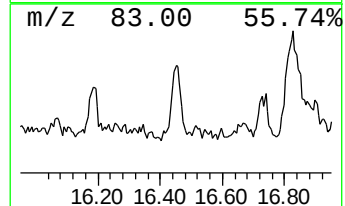
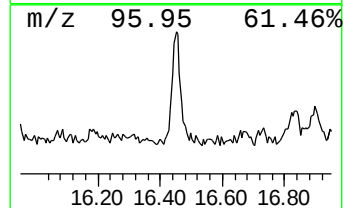
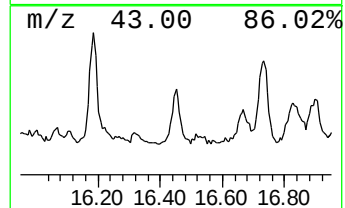
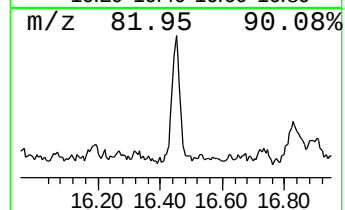
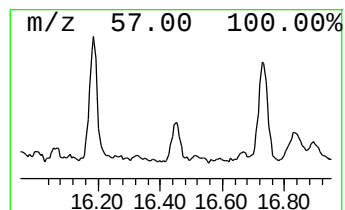
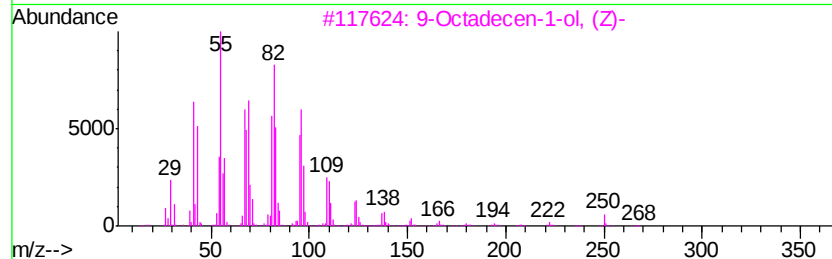
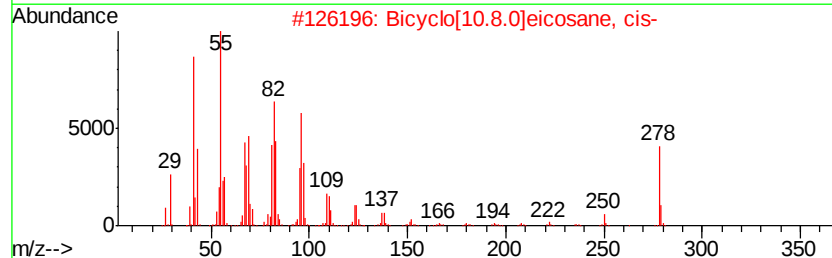
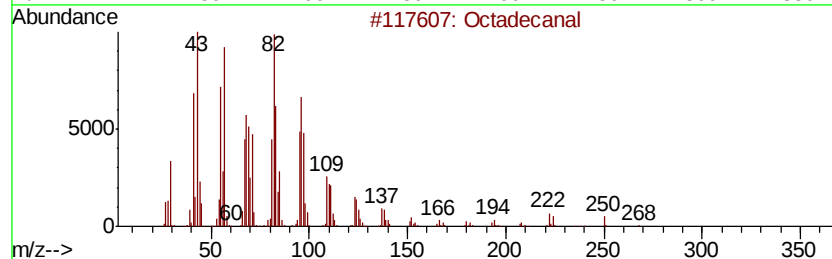
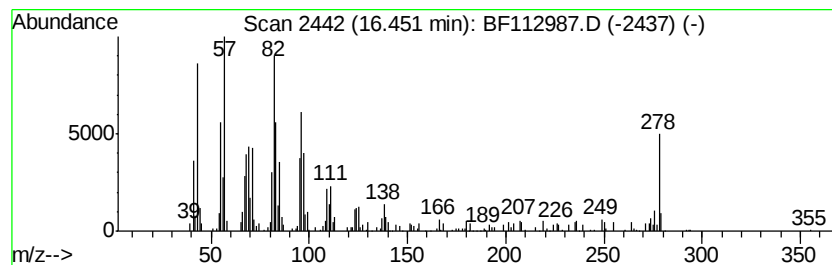
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 unknown16.45 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.	
16.45	4.06 ng	221689	Perylene-d12	15.27	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanal	268	C18H36O	000638-66-4	97
2	Bicyclo[10.8.0]eicosane, cis-	278	C20H38	1000155-82-2	83
3	9-Octadecen-1-ol, (Z)-	268	C18H36O	000143-28-2	78
4	Oxirane, heptadecyl-	282	C19H38O	067860-04-2	62
5	Z-2-Octadecen-1-ol	268	C18H36O	1000131-11-0	60



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031119\
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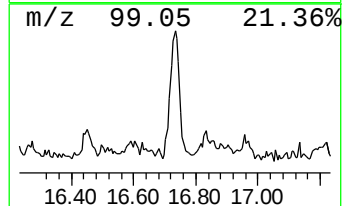
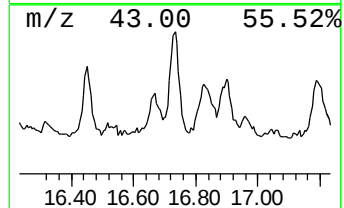
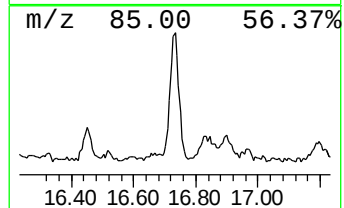
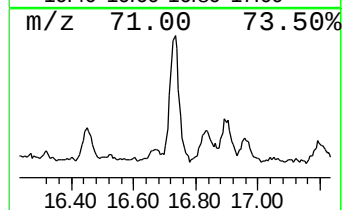
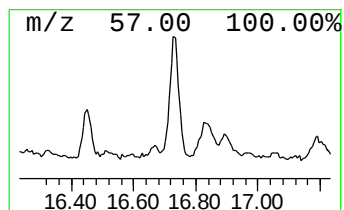
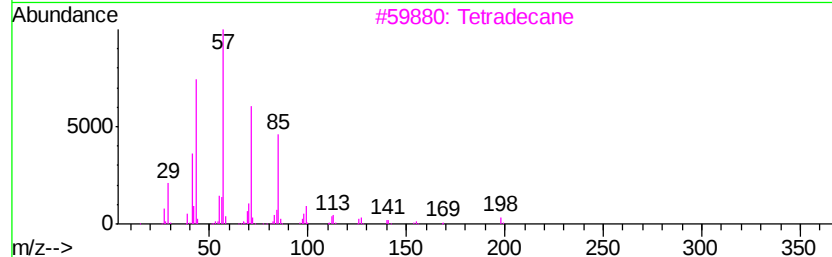
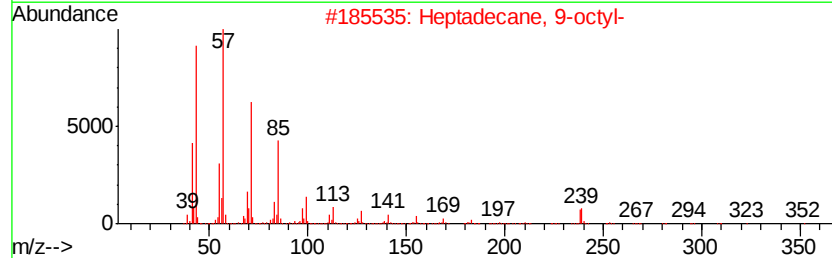
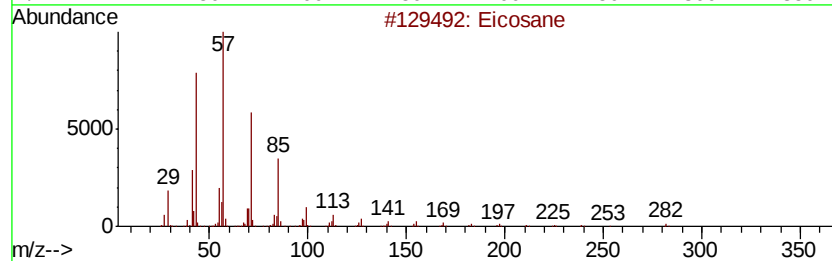
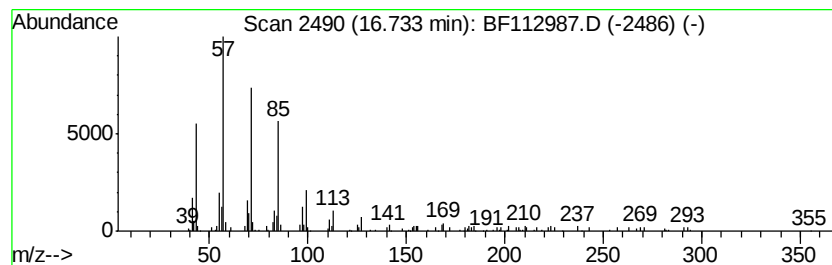
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Eicosane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.73	3.70 ng	202314	Perylene-d12	15.27

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	91
2		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	90
3		Tetradecane	198	C14H30	000629-59-4	87
4		Tetracosane	338	C24H50	000646-31-1	86
5		triacontane	422	C30H62	000638-68-6	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031119\
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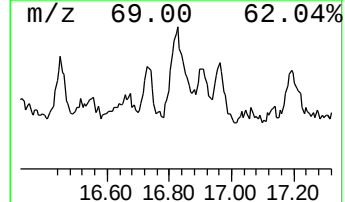
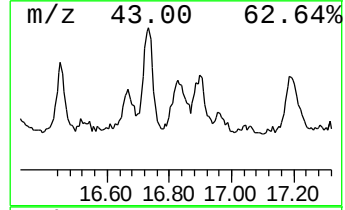
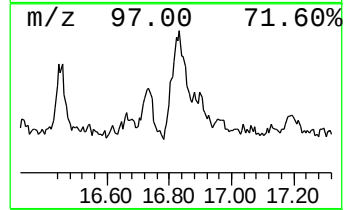
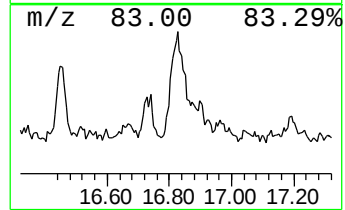
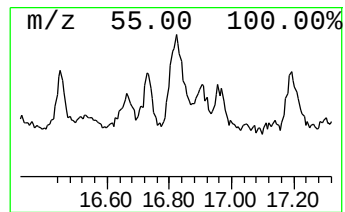
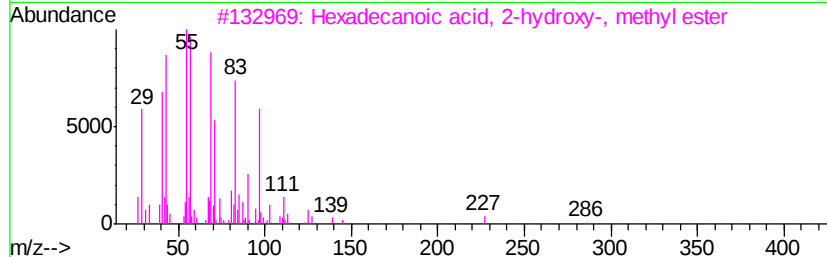
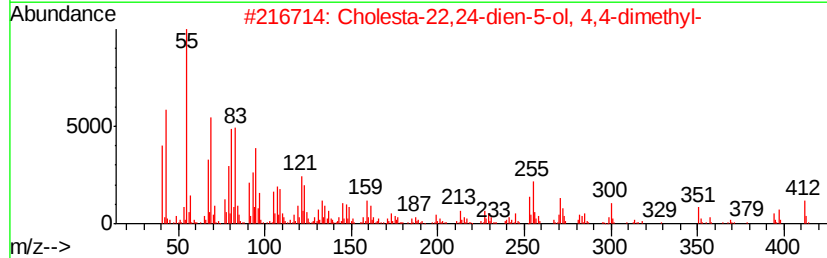
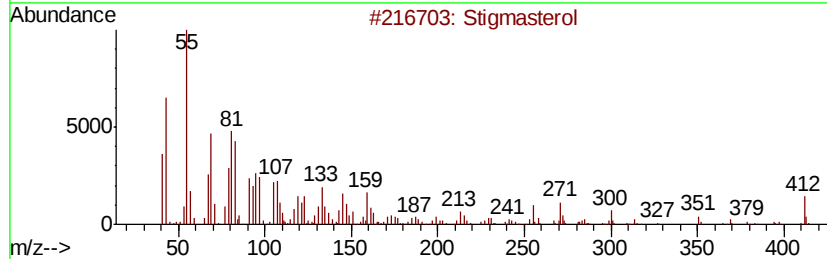
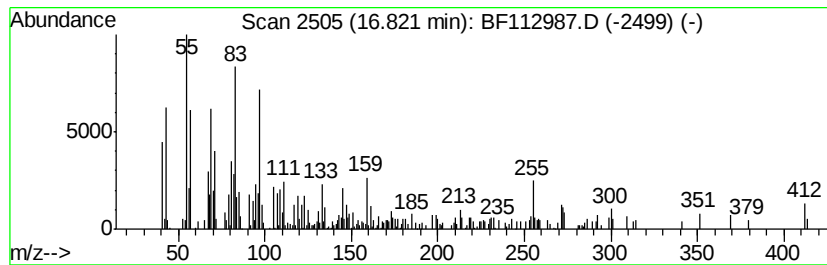
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Stigmasterol Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.	
16.82	6.81 ng	372111	Perylene-d12	15.27	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Stigmasterol	412	C29H48O	000083-48-7	94
2	Cholesta-22,24-dien-5-ol, 4,4-di...	412	C29H48O	1000128-66-1	58
3	Hexadecanoic acid, 2-hvdroxv-, m...	286	C17H34O3	016742-51-1	43
4	8-Heptadecene, 1-chloro-	272	C17H33Cl	056554-80-4	38
5	Ergosta-5,22-dien-3-ol, 24-methy...	412	C29H48O	053755-22-9	35



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031119\
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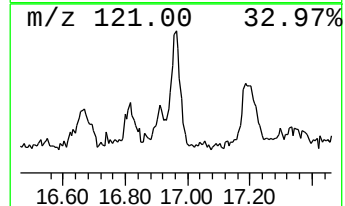
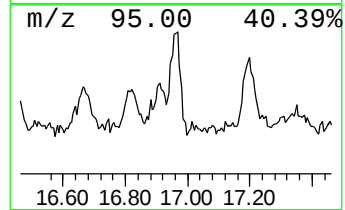
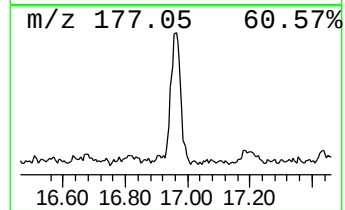
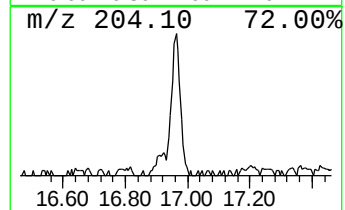
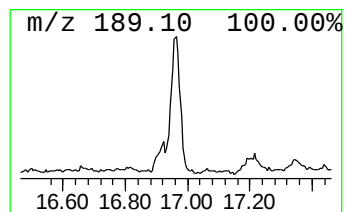
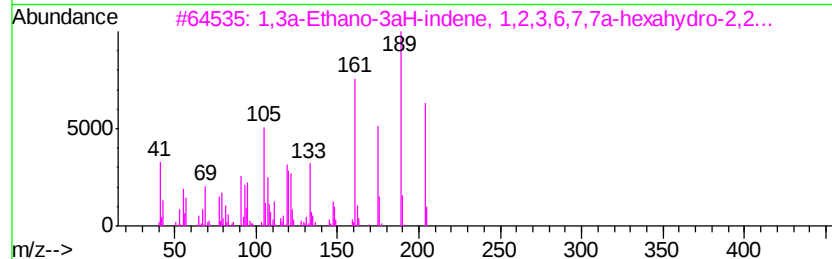
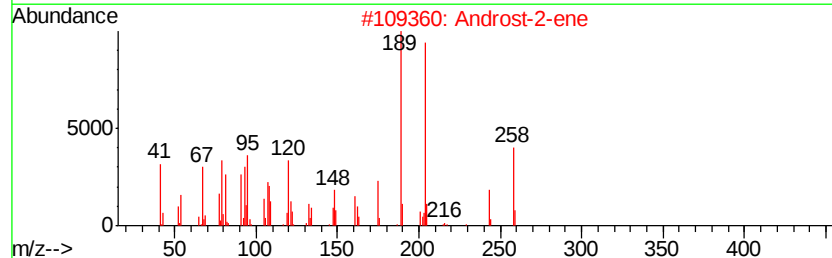
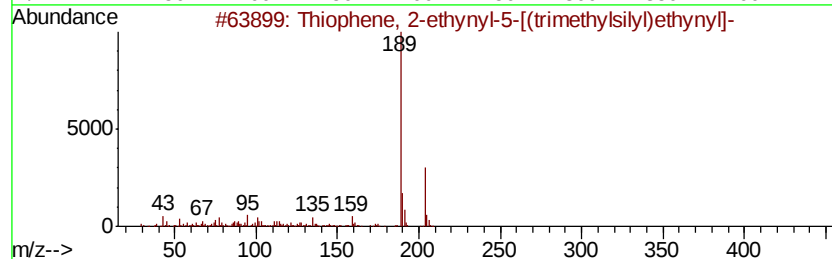
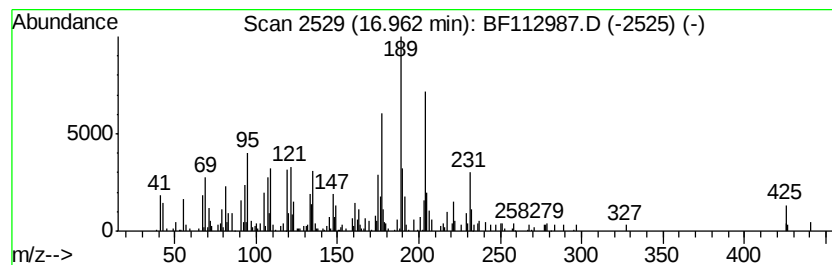
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Thiophene, 2-ethynyl-5-[(tr... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.	
16.96	6.28 ng	343079	Perylene-d12	15.27	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Thiophene, 2-ethynyl-5-[(trimeth...	204	C11H12SSi	182323-29-1	50
2	Androst-2-ene	258	C19H30	040061-86-7	49
3	1,3a-Ethano-3aH-indene, 1,2,3,6,...	204	C15H24	004545-68-0	47
4	2-Naphthalenemethanol, 1,2,3,4,4...	222	C15H26O	001209-71-8	43
5	3H-1,2-Dithiole-3-thione, 5-tert...	204	C8H12S3	013120-76-8	43



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031119\
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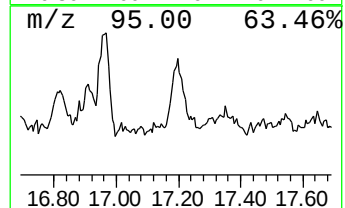
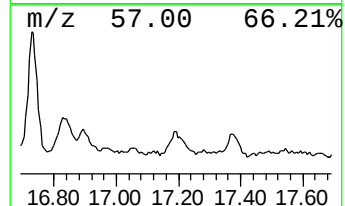
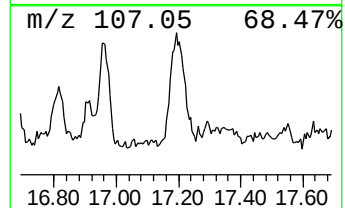
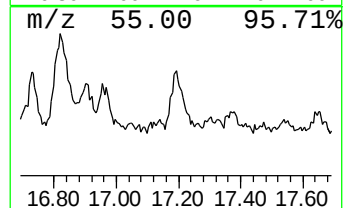
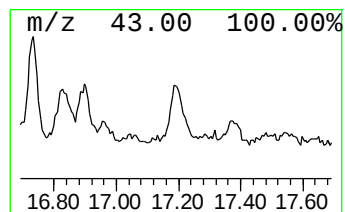
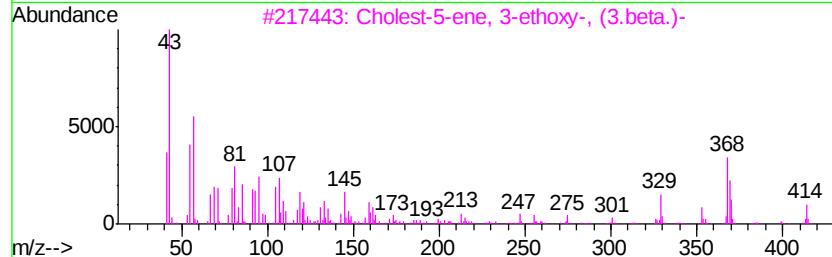
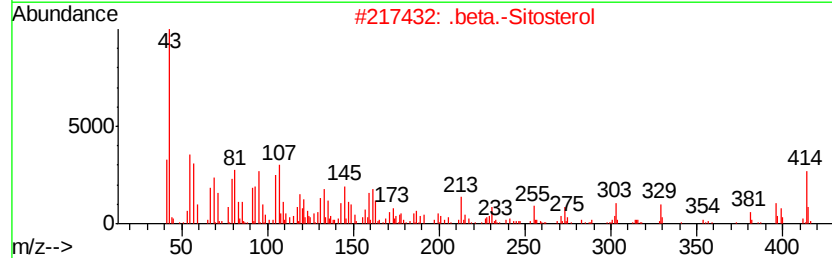
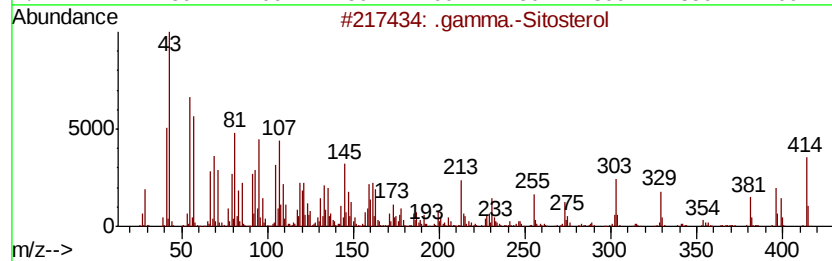
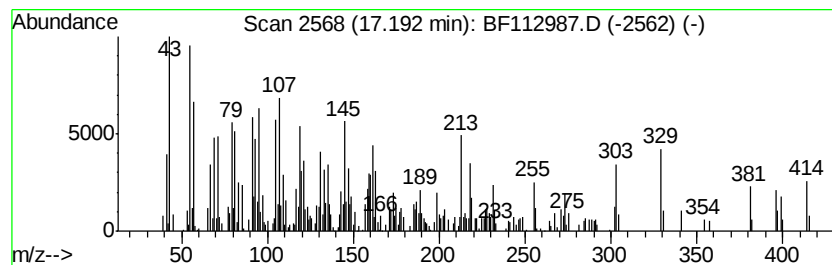
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 .gamma.-Sitosterol Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.	
17.19	9.23 ng	503959	Perylene-d12	15.27	
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	70
3	Cholest-5-ene, 3-ethoxy-, (3.beta...	414	C29H50O	000986-19-6	41
4	Ergost-7-en-3-ol, (3.beta.)-	400	C28H48O	026047-31-4	30
5	5-Cholestene-3-ol, 24-methyl-	400	C28H48O	1000214-17-4	30



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031119\
Data File : BF112987.D
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ClientSampleId :
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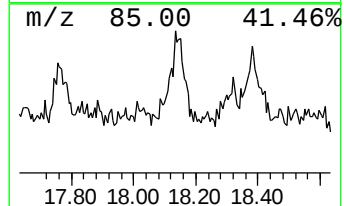
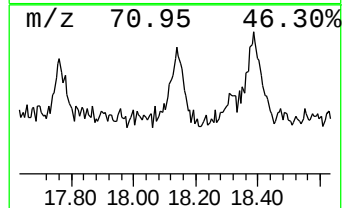
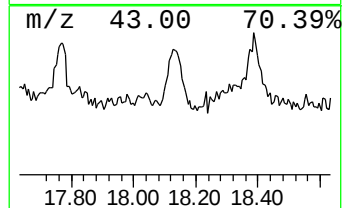
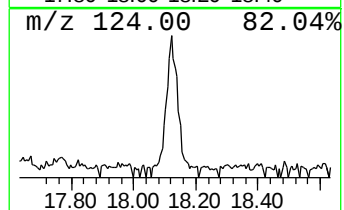
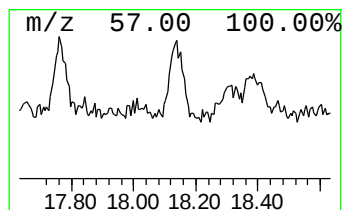
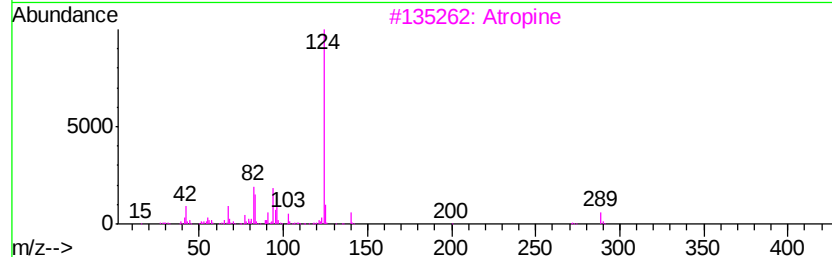
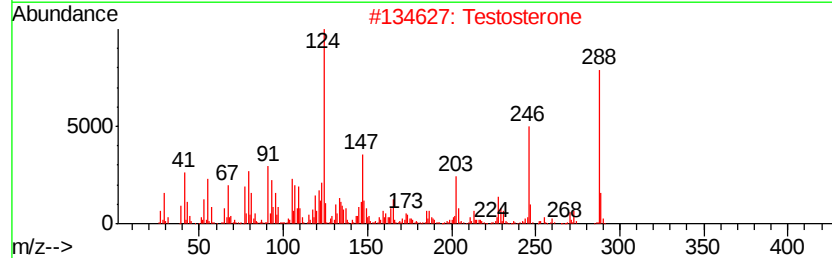
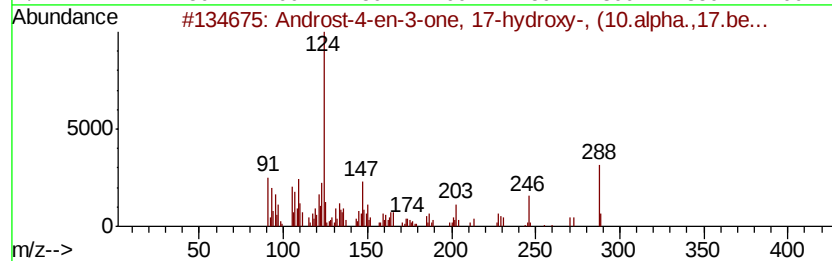
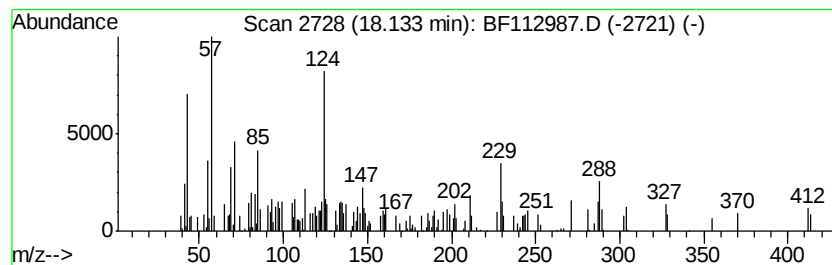
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Androst-4-en-3-one, 17-hydr... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.13	3.68 ng	201101	Perylene-d12	15.27

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Androst-4-en-3-one, 17-hydroxy-, ...	288	C19H28O2	000604-39-7	58
2		Testosterone	288	C19H28O2	000058-22-0	38
3		Atropine	289	C17H23NO3	000051-55-8	35
4		2-Methyl-4,5-pyrimidinediamine	124	C5H8N4	015579-63-2	30
5		Cyclohexanecarboxylic acid, 4-pe...	304	C19H28O3	067589-52-0	30



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF031119\
 Data File : BF112987.D
 Acq On : 12 Mar 2019 6:39
 Operator : JU/SJ
 Sample : K1817-09
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EXT-027-SW016-030719

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.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
unknown6.50	6.50	73.7	ng	3563040	1	6.73	967291	20.0
n-Hexadecanoic acid	11.78	22.5	ng	1931670	4	11.24	1715810	20.0
Octadecanoic acid	12.56	9.1	ng	876757	5	13.86	1926300	20.0
5-Eicosene, (E)-	13.72	14.6	ng	1400930	5	13.86	1926300	20.0
Heptadecyl heptaf...	14.36	30.5	ng	2937680	5	13.86	1926300	20.0
Heneicosane	14.64	8.7	ng	476937	6	15.27	1092340	20.0
Octadecanal	14.77	6.4	ng	348199	6	15.27	1092340	20.0
1-Heptacosanol	14.99	94.8	ng	5179810	6	15.27	1092340	20.0
Benzo[e]pyrene	15.15	2.6	ng	143865	6	15.27	1092340	20.0
unknown15.72	15.72	15.9	ng	870628	6	15.27	1092340	20.0
1-Nonadecene	15.77	9.8	ng	536804	6	15.27	1092340	20.0
unknown16.19	16.19	4.0	ng	219913	6	15.27	1092340	20.0
unknown16.45	16.45	4.1	ng	221689	6	15.27	1092340	20.0
Eicosane	16.73	3.7	ng	202314	6	15.27	1092340	20.0
Stigmasterol	16.82	6.8	ng	372111	6	15.27	1092340	20.0
Thiophene, 2-ethy...	16.96	6.3	ng	343079	6	15.27	1092340	20.0
.gamma.-Sitosterol	17.19	9.2	ng	503959	6	15.27	1092340	20.0
Androst-4-en-3-on...	18.13	3.7	ng	201101	6	15.27	1092340	20.0