

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF091918\
 Data File : BF109142.D
 Acq On : 19 Sep 2018 14:42
 Operator : JU/SJ
 Sample : J4967-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SUP-UST-091718-01

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-BF091418.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	4.919	433	439	447	rVB	95727	118870	1.24%	0.149%
2	5.337	505	510	513	rVB	2583485	2594469	27.12%	3.246%
3	6.360	679	684	687	rBV	2770725	2774696	29.00%	3.471%
4	6.490	701	706	709	rBV	2927282	2817952	29.45%	3.525%
5	6.719	742	745	749	rBV	1138130	934940	9.77%	1.170%
6	6.878	768	772	775	rBV	2644286	2207301	23.07%	2.761%
7	7.284	835	841	844	rBV	1774699	1848725	19.32%	2.313%
8	8.001	959	963	966	rBV	1465746	1202526	12.57%	1.504%
9	9.078	1141	1146	1149	rBV	3407085	3055503	31.93%	3.822%
10	9.472	1209	1213	1215	rBV	450849	381830	3.99%	0.478%
11	9.754	1255	1261	1264	rBV	1326566	1274346	13.32%	1.594%
12	9.966	1292	1297	1300	rBV2	97950	138221	1.44%	0.173%
13	10.536	1389	1394	1398	rBV	1769121	1584476	16.56%	1.982%
14	11.230	1508	1512	1514	rBV	1279324	1187546	12.41%	1.486%
15	11.254	1514	1516	1519	rVV	810503	628455	6.57%	0.786%
16	11.301	1519	1524	1527	rVB	224539	186590	1.95%	0.233%
17	11.454	1545	1550	1551	rBV2	95634	102214	1.07%	0.128%
18	11.513	1553	1560	1561	rBV4	139465	263984	2.76%	0.330%
19	11.730	1587	1597	1598	rBV	246934	345127	3.61%	0.432%
20	11.783	1598	1606	1608	rBV2	1627855	2852051	29.81%	3.568%
21	12.277	1687	1690	1693	rBV	131178	139110	1.45%	0.174%
22	12.360	1702	1704	1709	rVB3	74771	98102	1.03%	0.123%
23	12.436	1713	1717	1720	rBV	1364458	1164597	12.17%	1.457%
24	12.566	1730	1739	1750	rBV2	1690842	2692831	28.14%	3.369%
25	12.660	1750	1755	1758	rBV	1028965	1083752	11.33%	1.356%
26	12.813	1777	1781	1784	rVV	2458555	2175163	22.73%	2.721%
27	12.971	1804	1808	1809	rBV3	78703	98104	1.03%	0.123%
28	12.989	1809	1811	1814	rVV	194278	152927	1.60%	0.191%
29	13.077	1814	1826	1836	rVV	2891827	6852148	71.61%	8.572%
30	13.489	1894	1896	1902	rVB	94298	96012	1.00%	0.120%
31	13.601	1905	1915	1919	rVV3	269614	677609	7.08%	0.848%
32	13.654	1922	1924	1929	rVV2	111415	138256	1.44%	0.173%
33	13.724	1933	1936	1942	rVB3	220323	252839	2.64%	0.316%
34	13.854	1947	1958	1968	rVB2	4360521	9568267	100.00%	11.969%

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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 >
Peak separation: 5

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Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	14.042	1986	1990	1992	rVB	246808	224956	2.35%	0.281%
36	14.218	2015	2020	2026	rBV2	206714	480092	5.02%	0.601%
37	14.277	2026	2030	2034	rVV2	152755	194426	2.03%	0.243%
38	14.342	2037	2041	2046	rVV2	480716	581391	6.08%	0.727%
39	14.436	2049	2057	2064	rVB	3992500	7320679	76.51%	9.158%
40	14.642	2088	2092	2099	rVB	772725	877427	9.17%	1.098%
41	14.713	2101	2104	2106	rBV2	100195	122349	1.28%	0.153%
42	14.777	2107	2115	2119	rVB3	380922	849932	8.88%	1.063%
43	14.865	2125	2130	2133	rBV	670796	997925	10.43%	1.248%
44	14.965	2139	2147	2158	rBV	3048946	6235741	65.17%	7.801%
45	15.148	2174	2178	2183	rVB	359550	451129	4.71%	0.564%
46	15.201	2183	2187	2193	rBV	544081	652039	6.81%	0.816%
47	15.265	2193	2198	2201	rVV	909169	1081154	11.30%	1.352%
48	15.312	2201	2206	2214	rVB2	777963	1245848	13.02%	1.558%
49	15.565	2242	2249	2261	rVB	1309386	2816228	29.43%	3.523%
50	15.718	2270	2275	2282	rBV	492867	728709	7.62%	0.912%
51	15.924	2306	2310	2317	rBV6	147177	316672	3.31%	0.396%
52	16.189	2350	2355	2359	rBV	193828	352203	3.68%	0.441%
53	16.259	2361	2367	2377	rVB	490909	1155865	12.08%	1.446%
54	16.612	2422	2427	2436	rVB2	307306	641203	6.70%	0.802%
55	17.024	2491	2497	2500	rBV	255510	541058	5.65%	0.677%
56	18.006	2658	2664	2674	rVB4	137074	383174	4.00%	0.479%

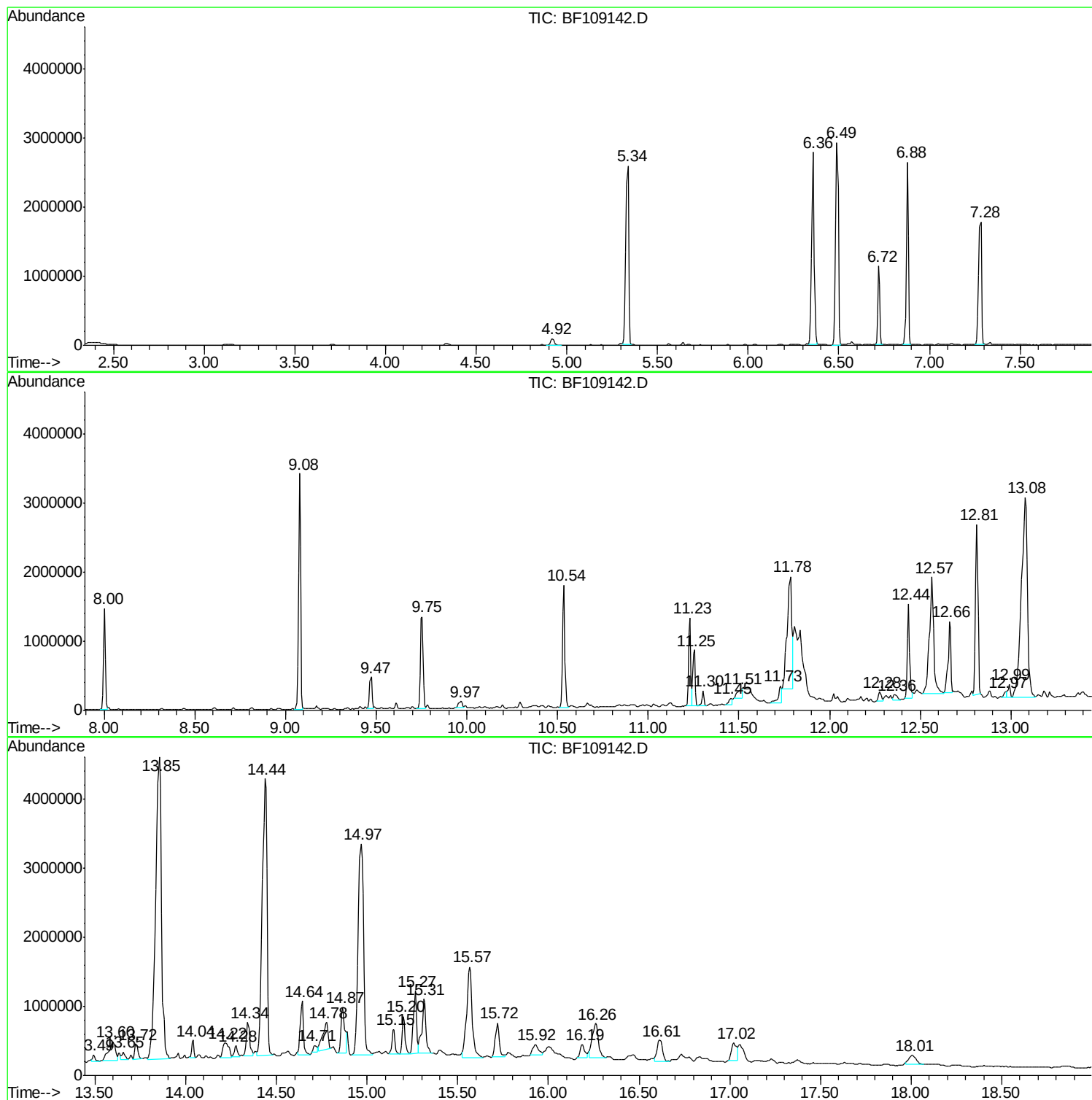
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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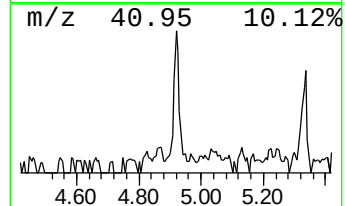
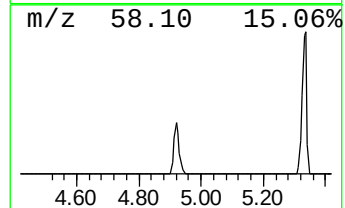
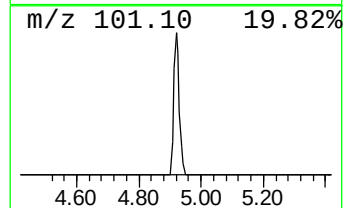
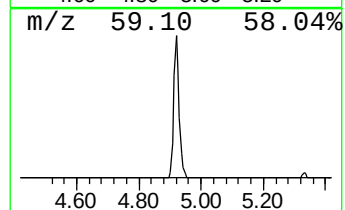
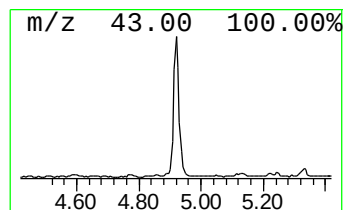
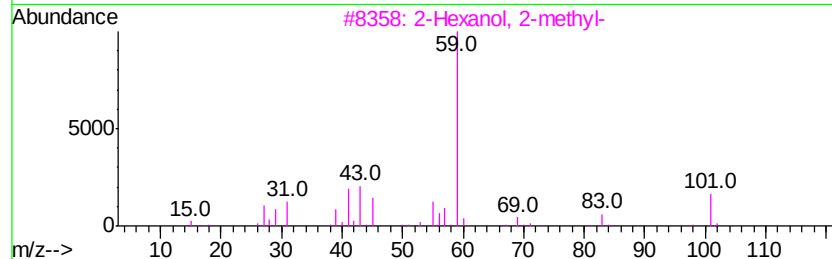
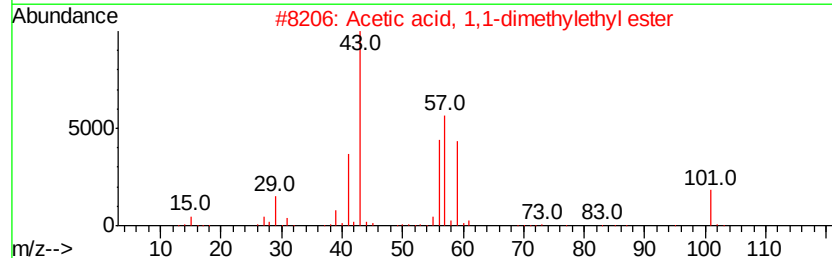
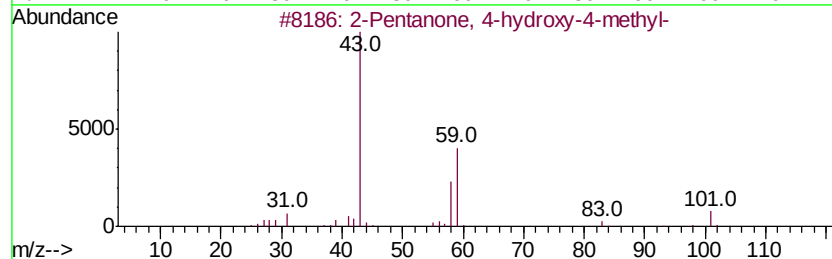
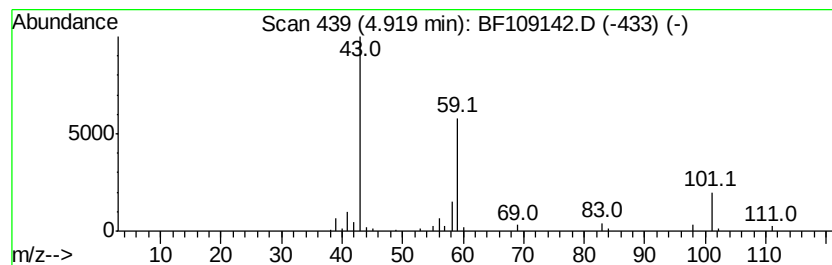
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.92	2.54 ng	118870	1,4-Dichlorobenzene-d4	6.72

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2			Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	38
3			2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	25
4			3-Pentanol, 2-methyl-	102	C6H14O	000565-67-3	17
5			Butyl aldoxime, 3-methyl-, syn-	101	C5H11NO	005780-40-5	12



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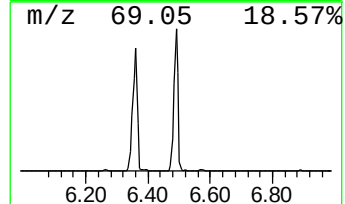
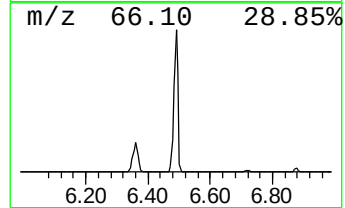
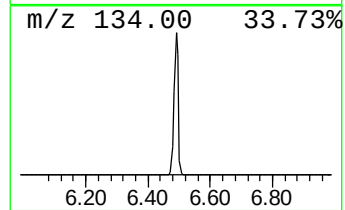
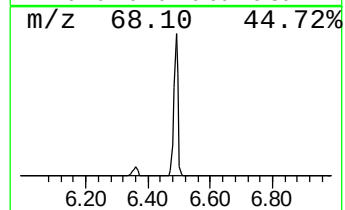
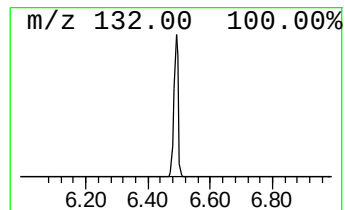
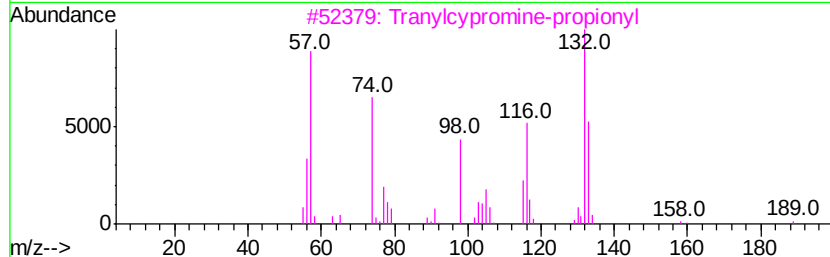
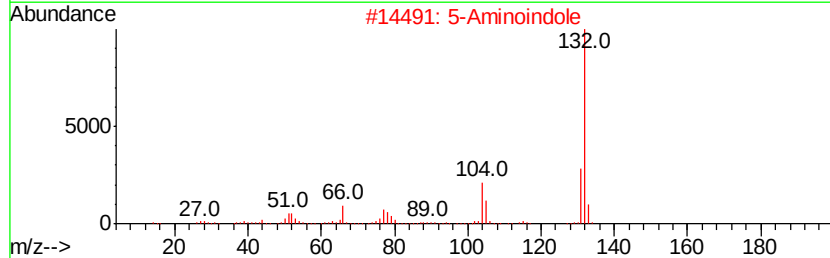
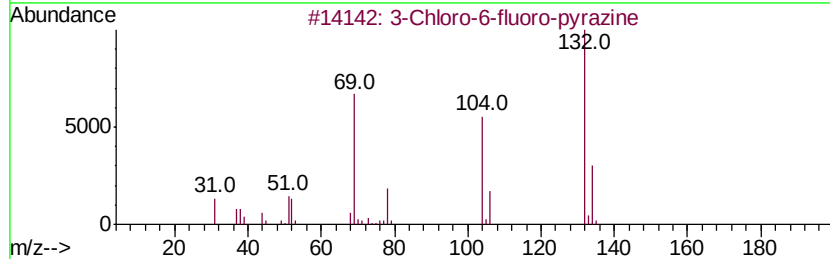
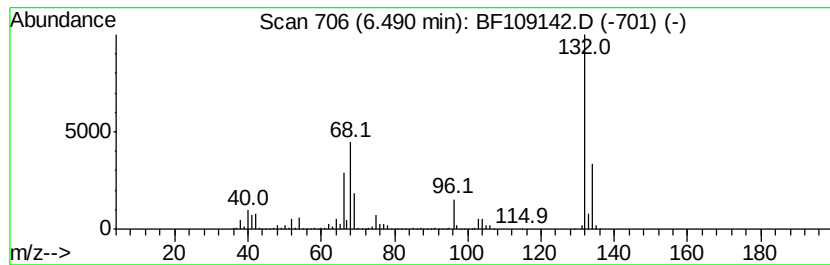
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091418.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 unknown6.49 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.49	60.28 ng	2817950	1,4-Dichlorobenzene-d4	6.72

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
2		5-Aminoindole	132	C8H8N2	005192-03-0	12
3		Tranvlcyproline-propionyl	189	C12H15NO	1000123-86-3	10
4		Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	9
5		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9



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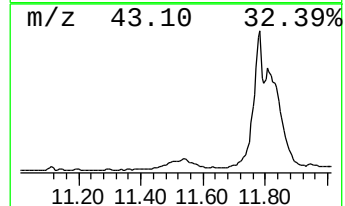
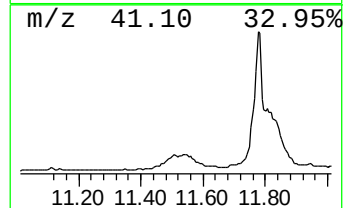
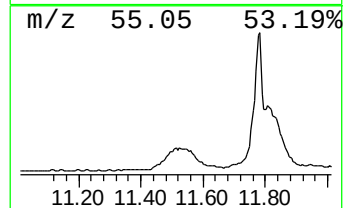
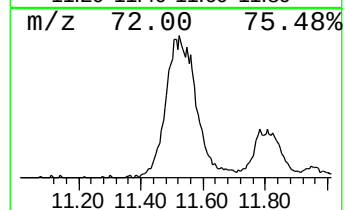
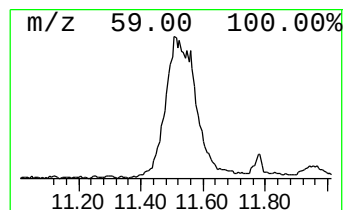
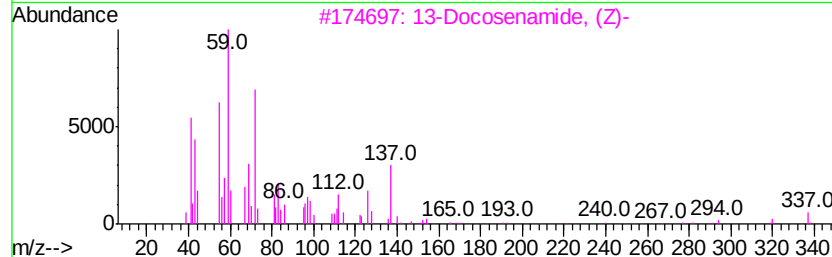
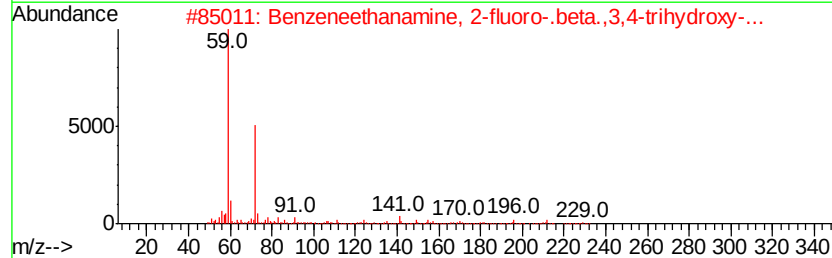
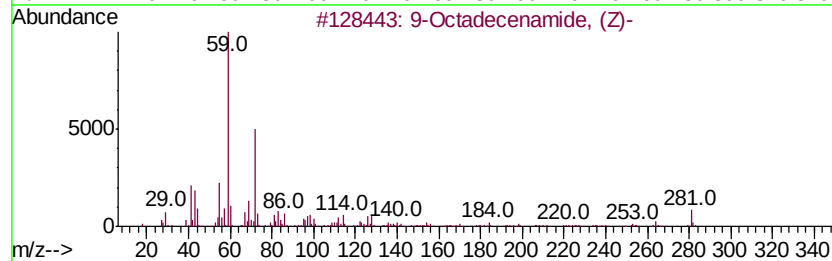
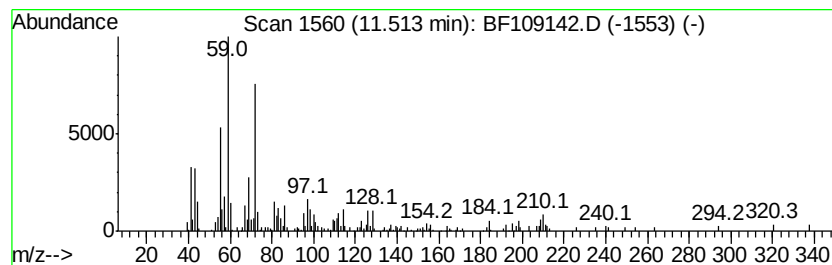
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 9-Octadecenamide, (Z)- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.51	4.45 ng	263984	Phenanthrene-d10	11.23	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	90
2	Benzeneethanamine, 2-fluoro-.bet...	229	C11H16FN03	061338-98-5	59
3	13-Docosenamide, (Z)-	337	C22H43NO	000112-84-5	53
4	Tetradecanamide	227	C14H29NO	000638-58-4	50
5	Octadecanamide	283	C18H37NO	000124-26-5	50



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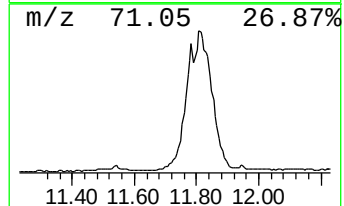
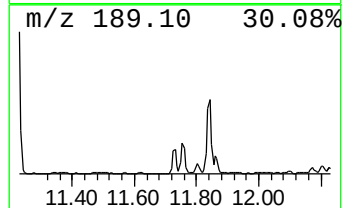
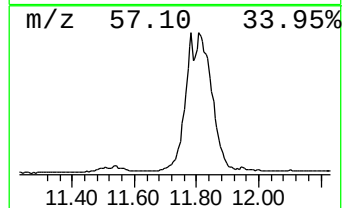
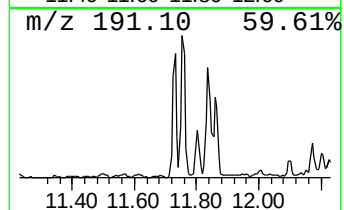
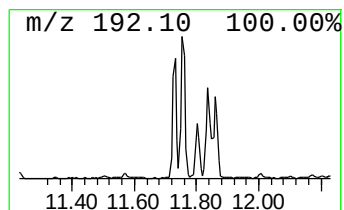
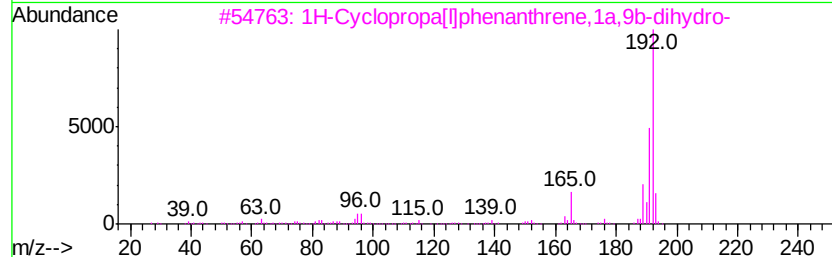
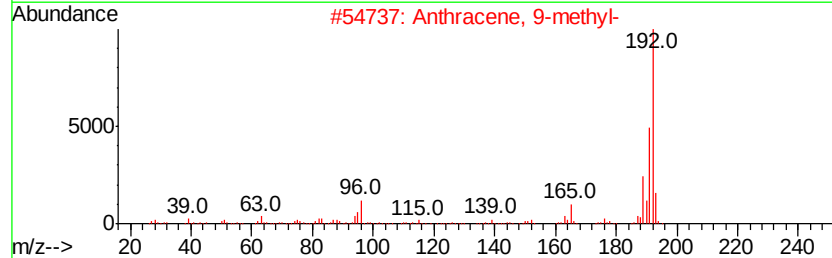
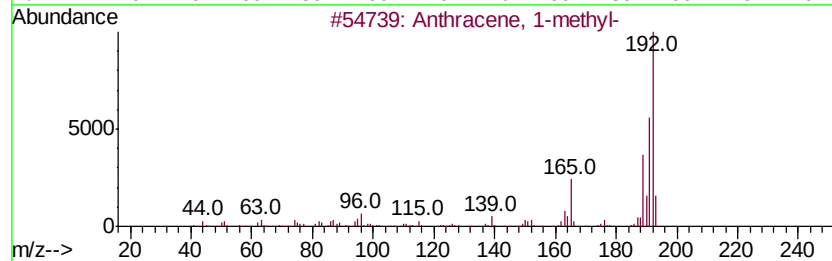
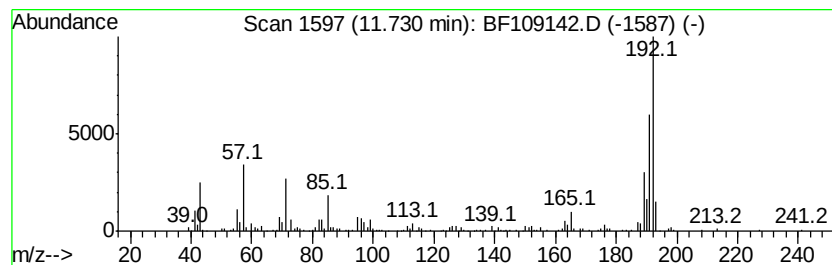
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Anthracene, 1-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.73	5.81 ng	345127	Phenanthrene-d10	11.23	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1-methyl-	192	C15H12	000610-48-0	94
2	Anthracene, 9-methyl-	192	C15H12	000779-02-2	89
3	1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	86
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	86
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	86



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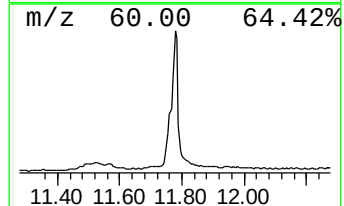
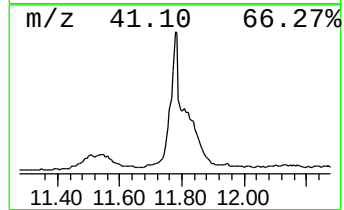
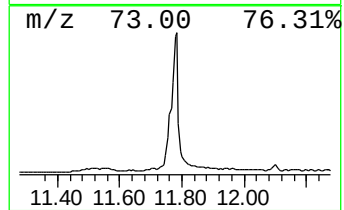
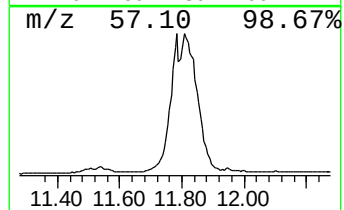
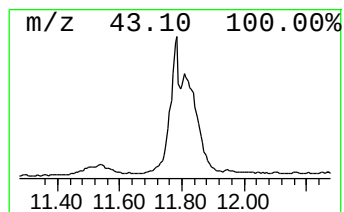
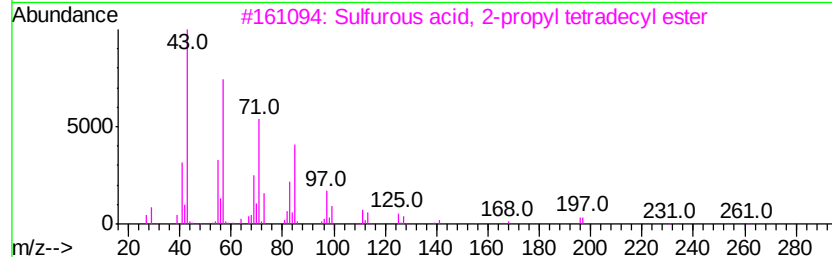
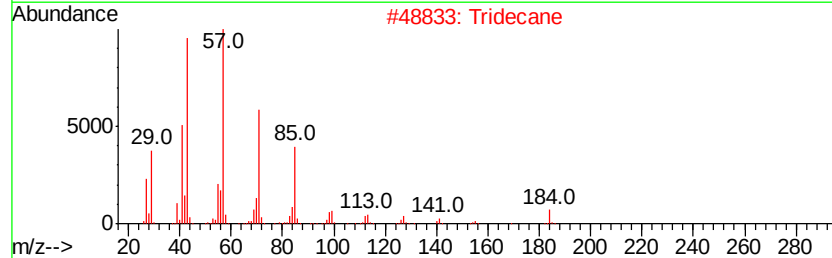
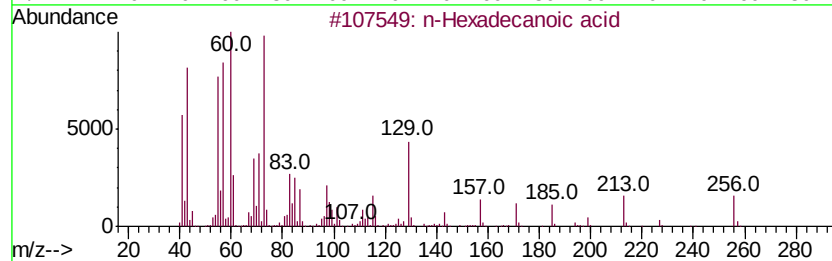
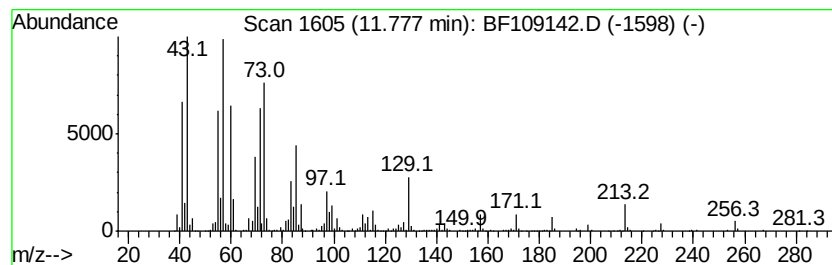
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.78	48.03 ng	2852050	Phenanthrene-d10	11.23	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
2	Tridecane	184	C13H28	000629-50-5	64
3	Sulfurous acid, 2-propyl tetrade...	320	C17H36O3S	1000309-12-5	55
4	Tritetracontane	605	C43H88	007098-21-7	53
5	Octadecane, 1-chloro-	288	C18H37Cl	003386-33-2	53



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091918\
Data File : BF109142.D
Acq On : 19 Sep 2018 14:42
Operator : JU/SJ
Sample : J4967-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SUP-UST-091718-01

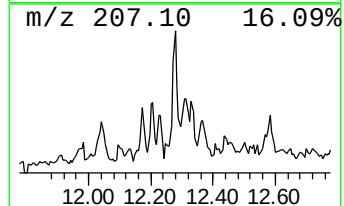
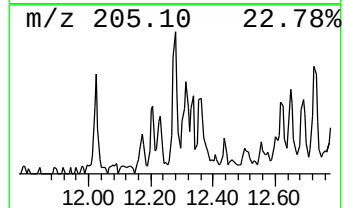
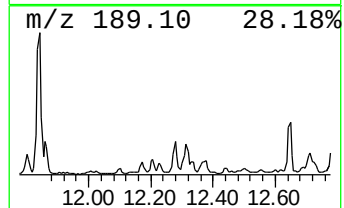
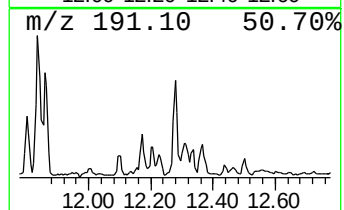
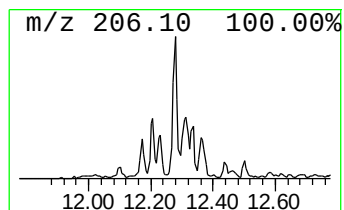
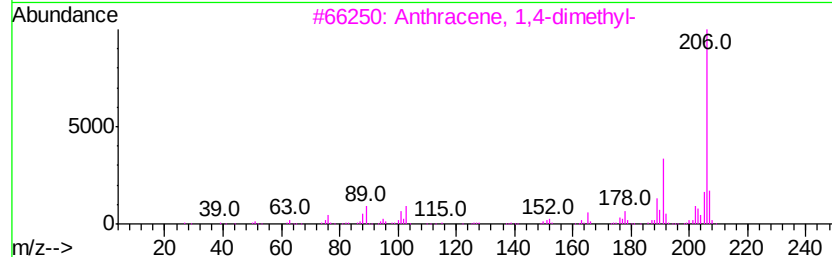
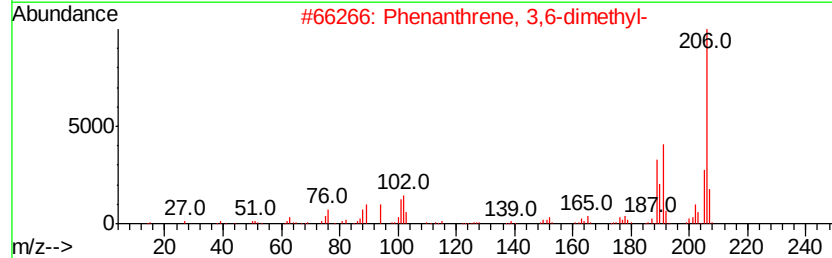
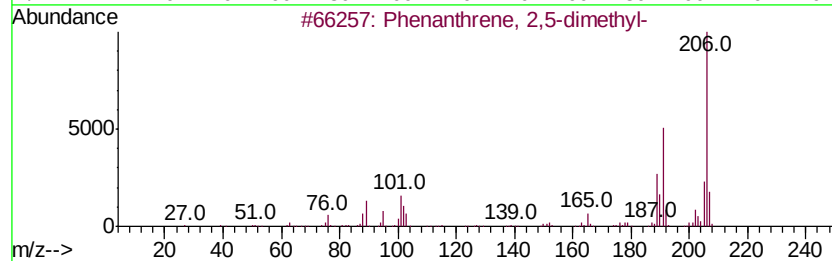
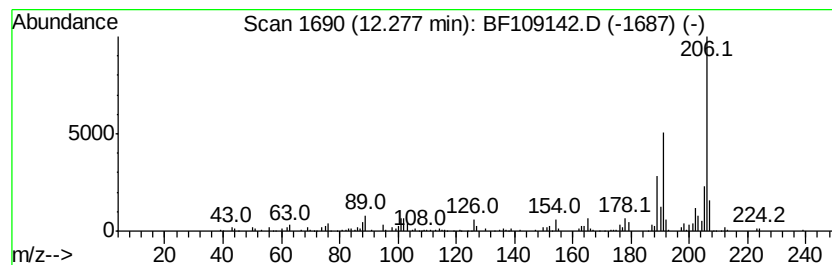
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Phenanthrene, 2,5-dimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.28	2.34 ng	139110	Phenanthrene-d10	11.23

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	91
2			Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	87
3			Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	86
4			9,10-Dimethylantracene	206	C16H14	000781-43-1	81
5			di-p-Tolylacetylene	206	C16H14	002789-88-0	80



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091918\
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Sample : J4967-01
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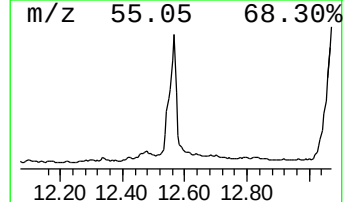
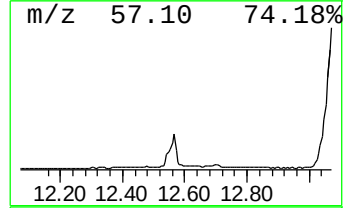
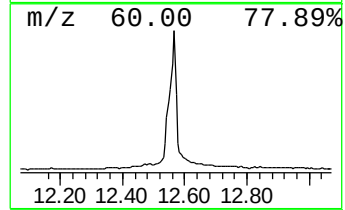
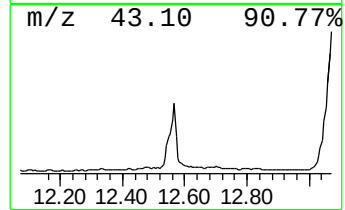
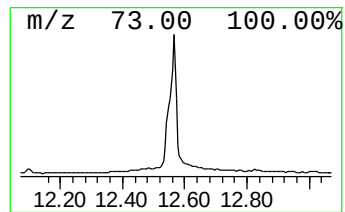
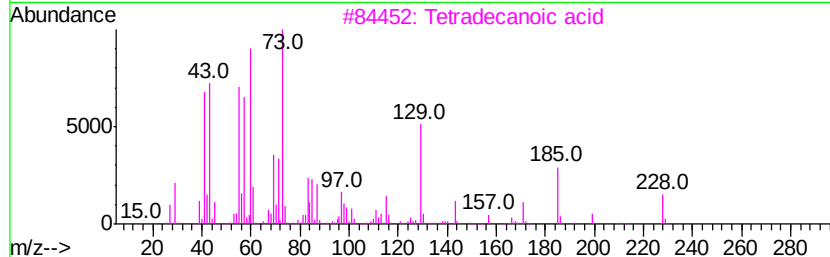
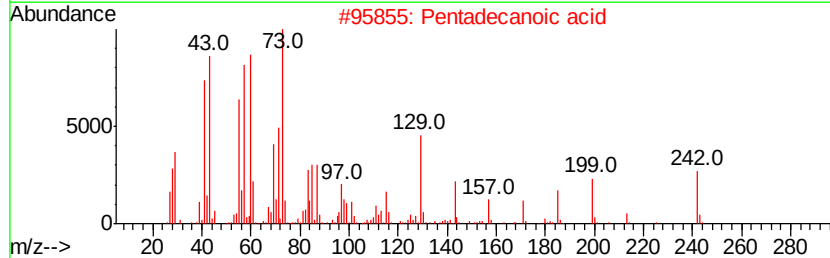
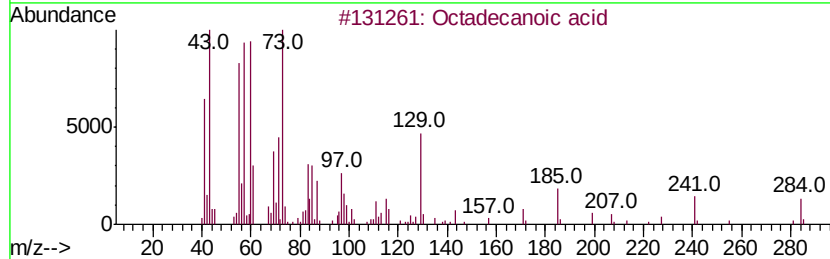
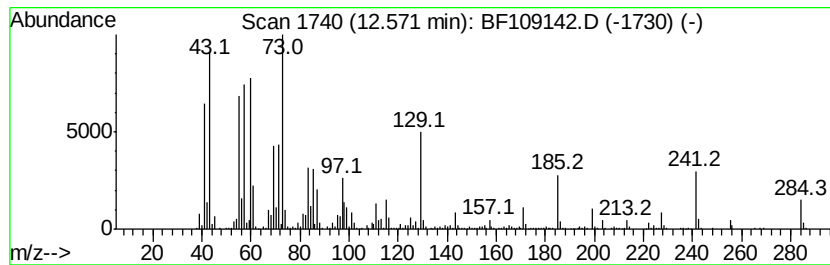
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Octadecanoic acid Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.57	5.63 ng	2692830	Chrysene-d12	13.85	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	91
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	90
4	Tridecanoic acid	214	C13H26O2	000638-53-9	76
5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	74



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091918\
Data File : BF109142.D
Acq On : 19 Sep 2018 14:42
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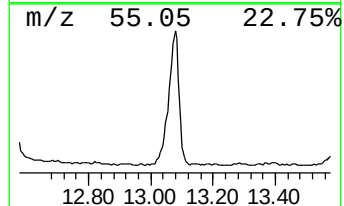
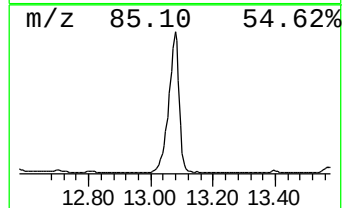
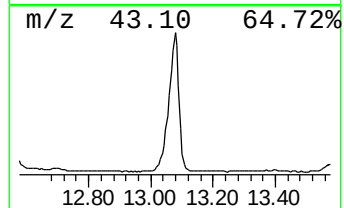
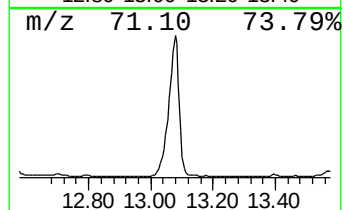
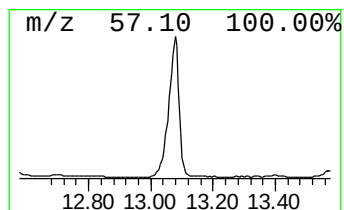
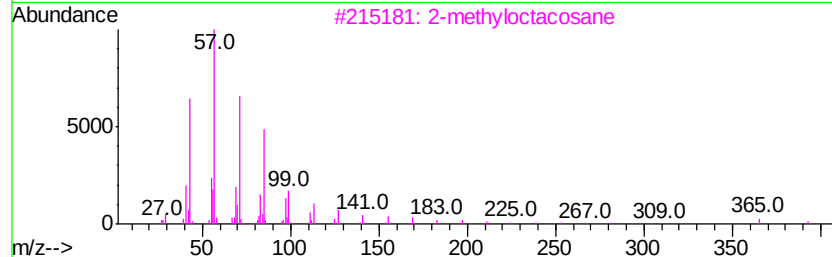
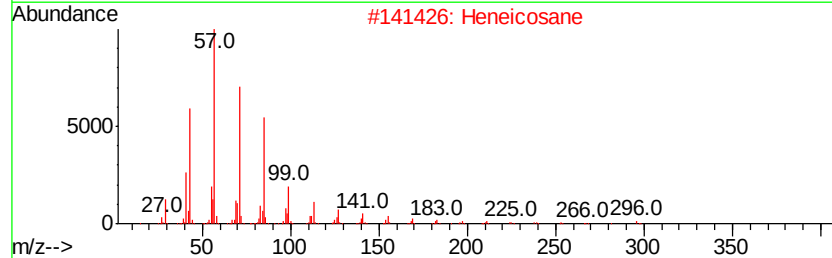
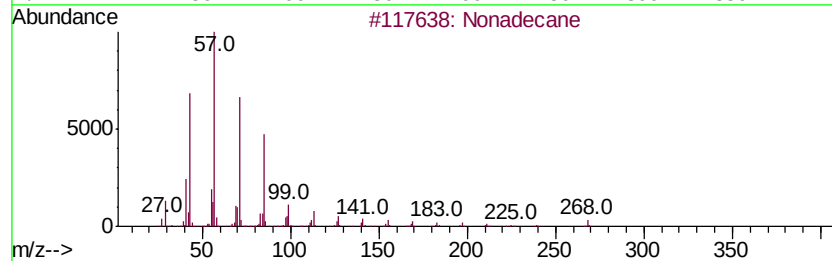
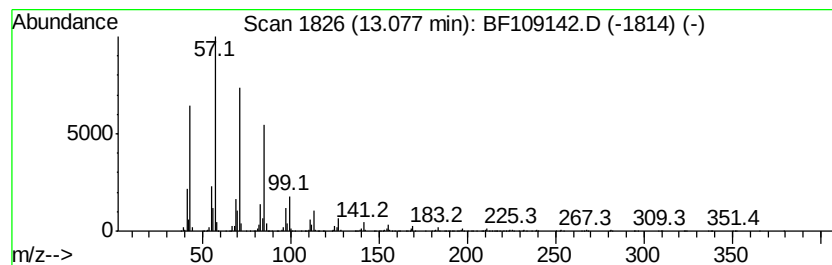
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Nonadecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.08	14.32 ng	6852150	Chrysene-d12	13.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonadecane	268	C19H40	000629-92-5	95
2		Heneicosane	296	C21H44	000629-94-7	91
3		2-methyloctacosane	408	C29H60	1000376-72-8	91
4		Octadecane, 1-iodo-	380	C18H37I	000629-93-6	87
5		Octacosane	394	C28H58	000630-02-4	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091918\
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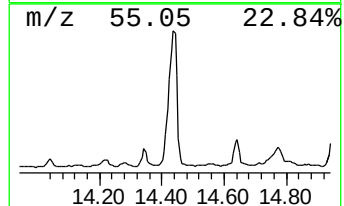
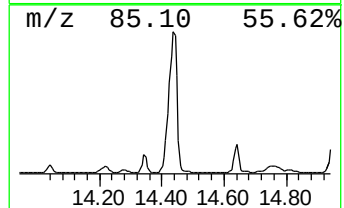
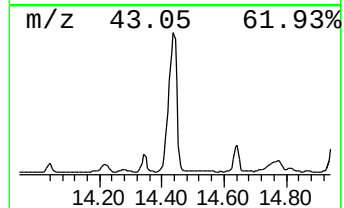
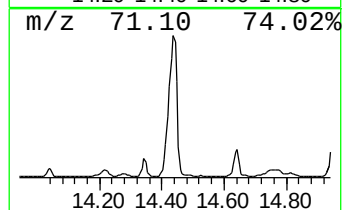
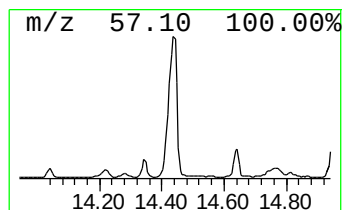
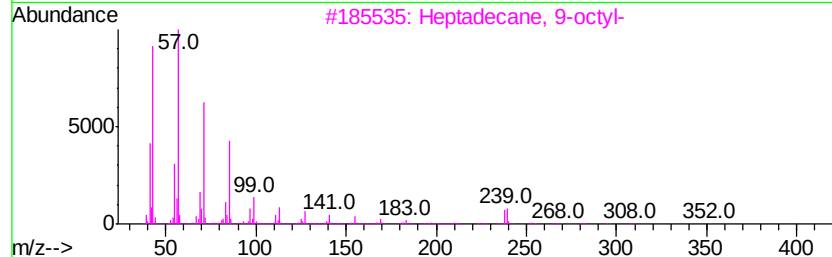
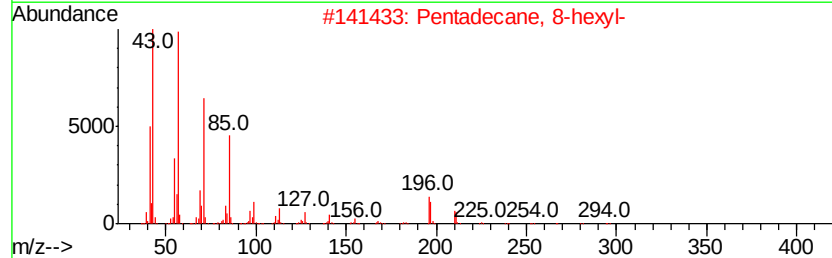
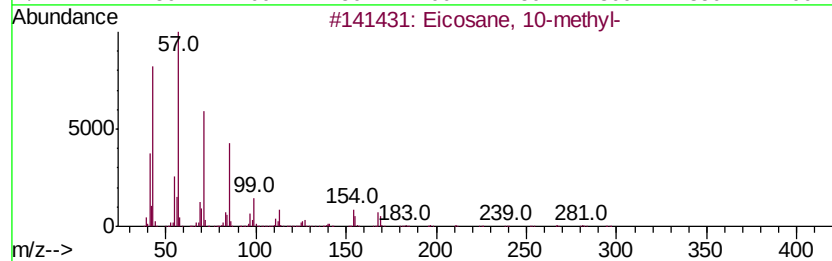
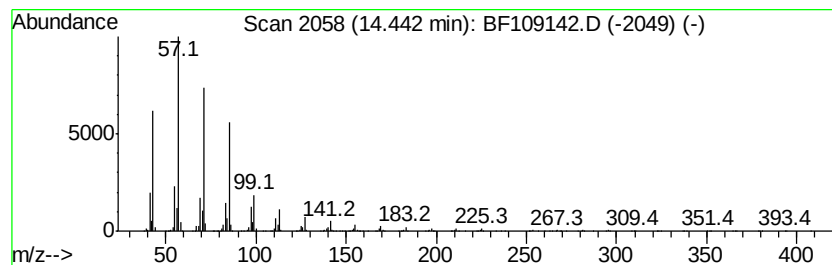
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 Eicosane, 10-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.44	15.30 ng	7320680	Chrysene-d12	13.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane, 10-methyl-	296	C21H44	054833-23-7	93
2		Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	91
3		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
4		2-methyloctacosane	408	C29H60	1000376-72-8	91
5		Octacosane	394	C28H58	000630-02-4	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091918\
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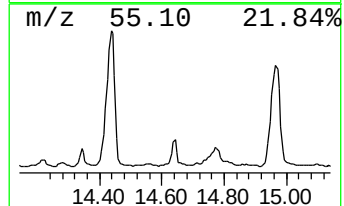
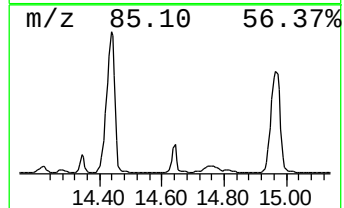
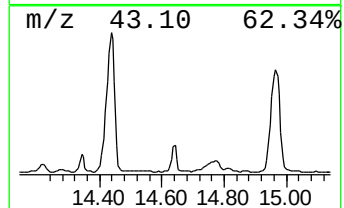
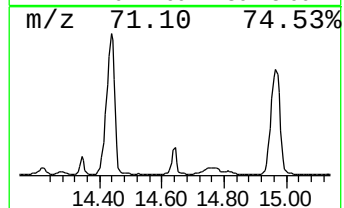
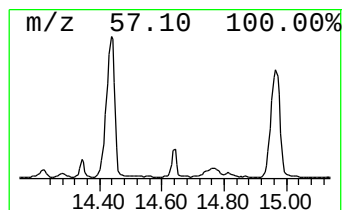
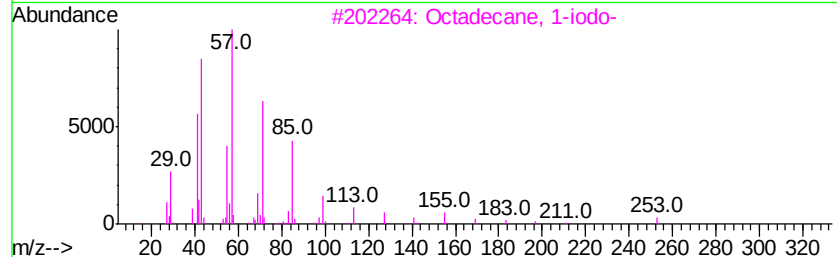
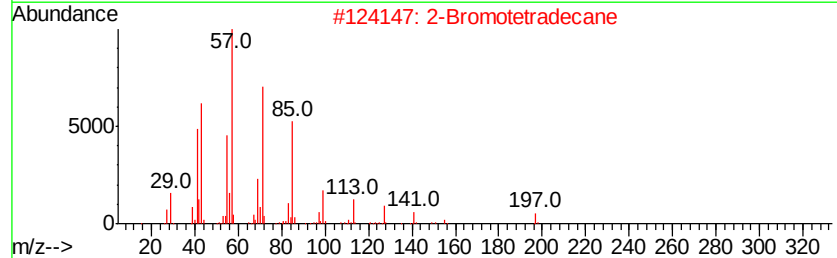
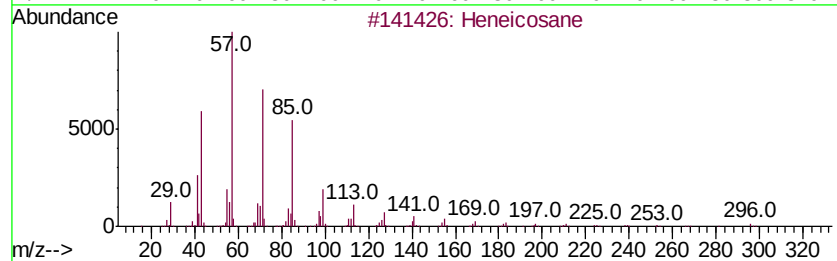
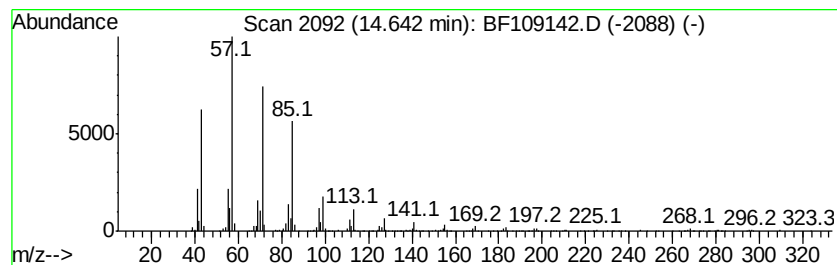
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Heneicosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.64	16.23 ng	877427	Perylene-d12	15.27

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	91
2		2-Bromotetradecane	276	C14H29Br	074036-95-6	90
3		Octadecane, 1-iodo-	380	C18H37I	000629-93-6	87
4		Hexadecane	226	C16H34	000544-76-3	87
5		Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	87



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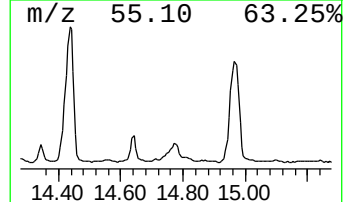
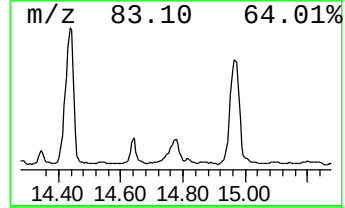
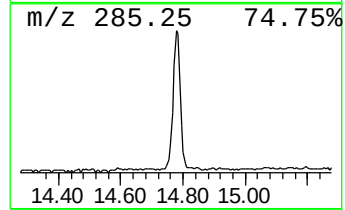
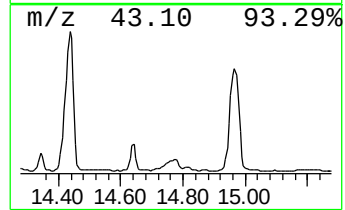
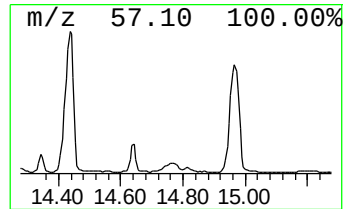
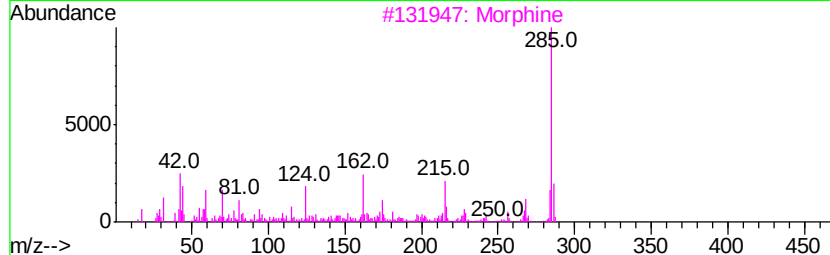
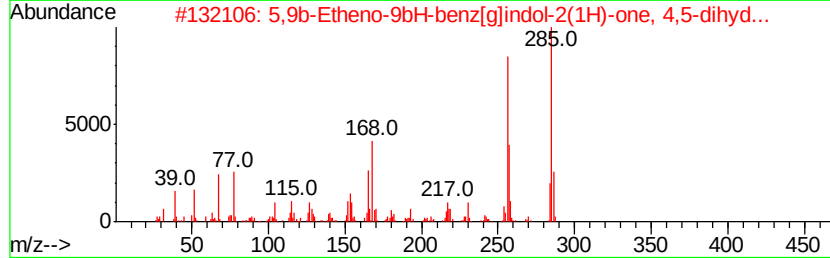
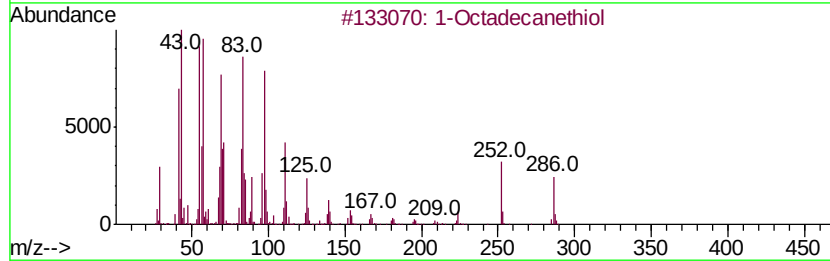
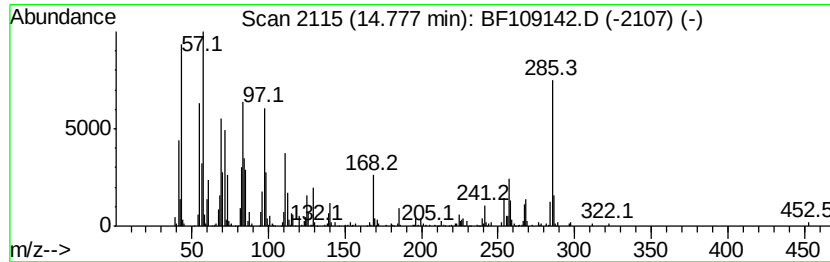
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 12 1-Octadecanethiol Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.78	15.72 ng	849932	Perylene-d12	15.27
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		1-Octadecanethiol	286 C18H38S	002885-00-9 53
2		5,9b-Etheno-9bH-benz[<i>g</i>]indol-2(1...	285 C20H15NO	104155-83-1 52
3		Morphine	285 C17H19NO3	000057-27-2 46
4		Octadecanoic acid, dodecyl ester	452 C30H60O2	005303-25-3 45
5		1-Hexadecanethiol	258 C16H34S	002917-26-2 45



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Data File : BF109142.D
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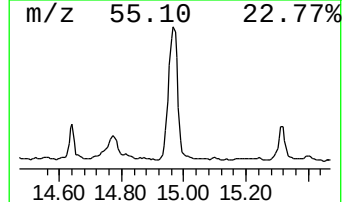
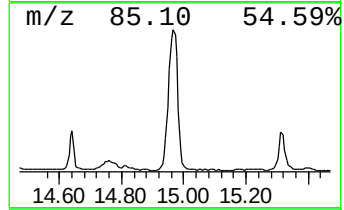
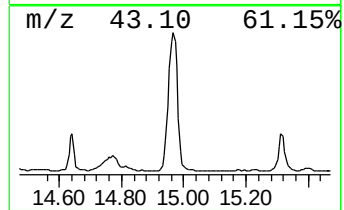
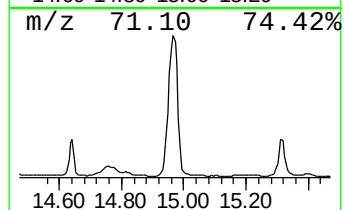
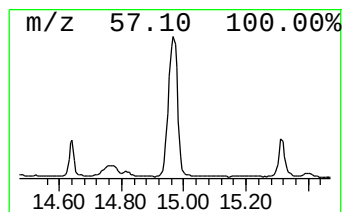
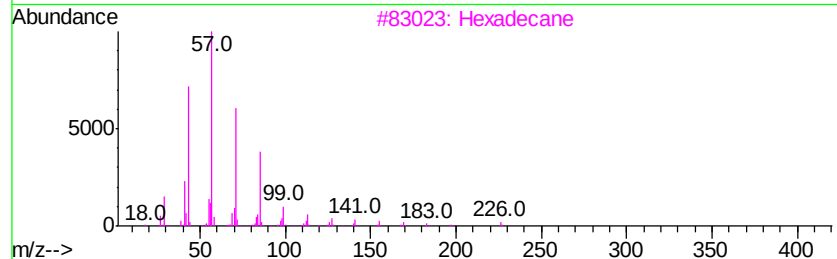
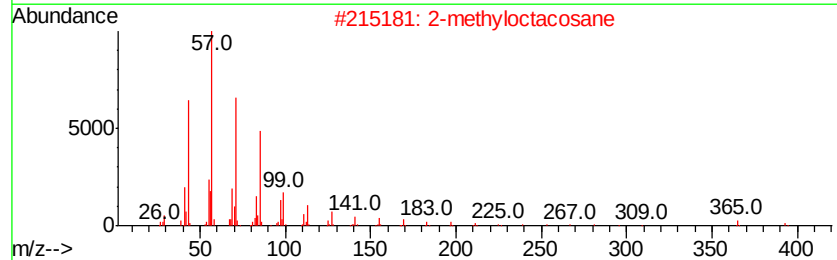
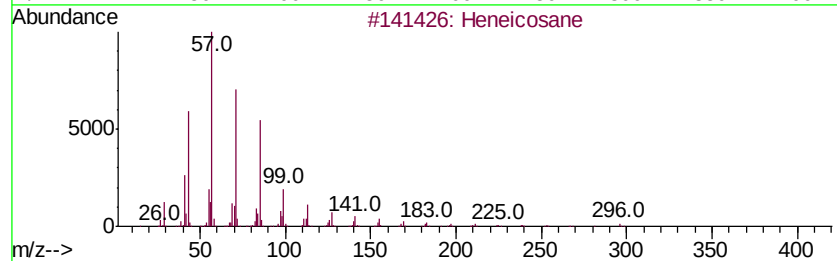
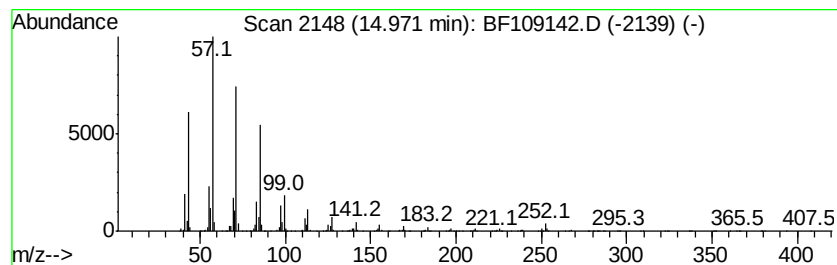
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Eicosane, 7-hexyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.97	115.35 ng	6235740	Perylene-d12	15.27

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	91
2		2-methyloctacosane	408	C29H60	1000376-72-8	91
3		Hexadecane	226	C16H34	000544-76-3	87
4		Tetratetracontane	619	C44H90	007098-22-8	87
5		Eicosane, 7-hexyl-	366	C26H54	055333-99-8	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091918\
Data File : BF109142.D
Acq On : 19 Sep 2018 14:42
Operator : JU/SJ
Sample : J4967-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SUP-UST-091718-01

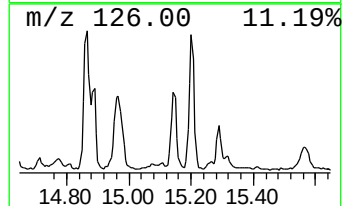
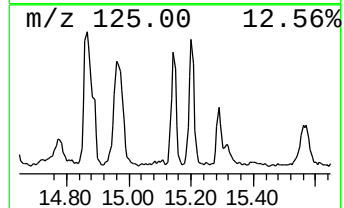
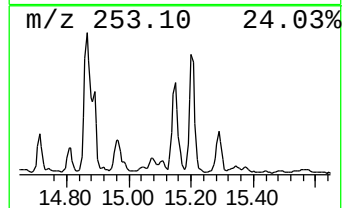
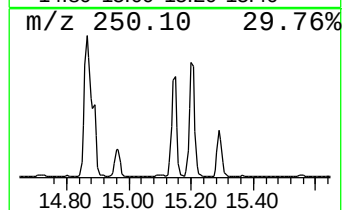
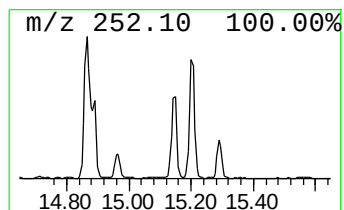
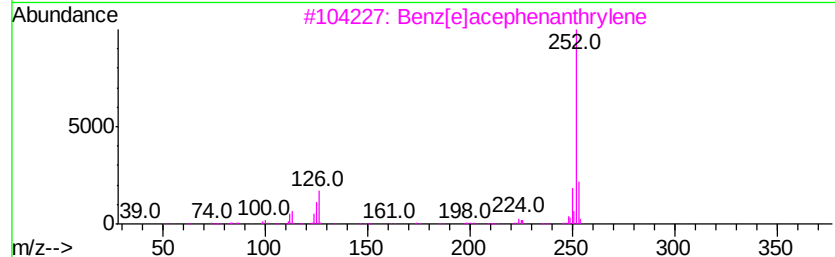
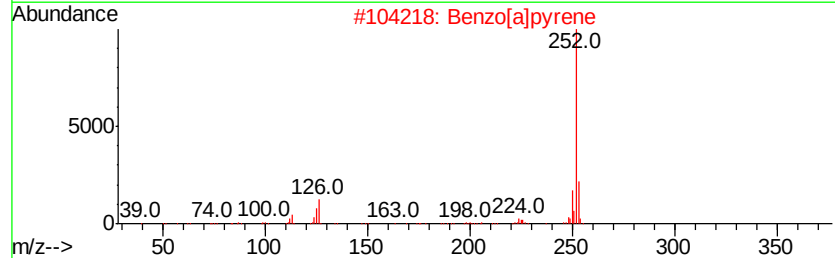
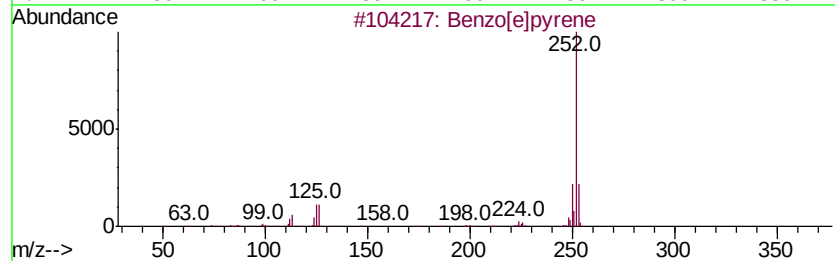
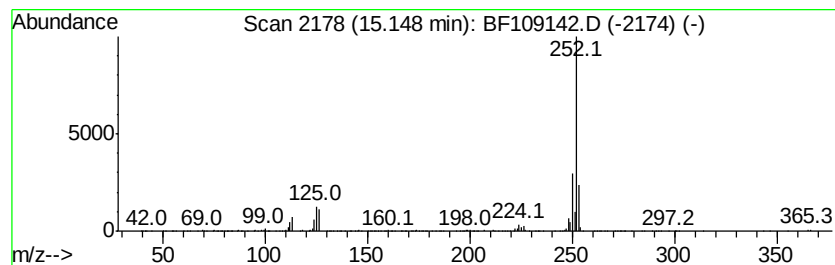
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Benzo[e]pyrene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.15	8.35 ng	451129	Perylene-d12	15.27

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[e]pyrene	252	C20H12	000192-97-2	99
2			Benzo[a]pyrene	252	C20H12	000050-32-8	98
3			Benzo[e]acephenanthrylene	252	C20H12	000205-99-2	97
4			Benzo[i]fluoranthene	252	C20H12	000205-82-3	94
5			Benzo[k]fluoranthene	252	C20H12	000207-08-9	93



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091918\
Data File : BF109142.D
Acq On : 19 Sep 2018 14:42
Operator : JU/SJ
Sample : J4967-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SUP-UST-091718-01

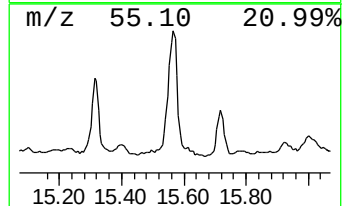
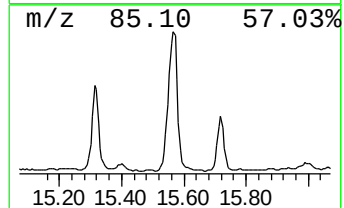
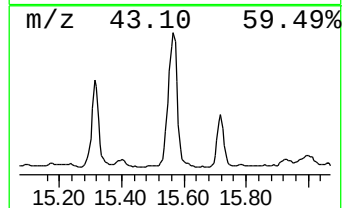
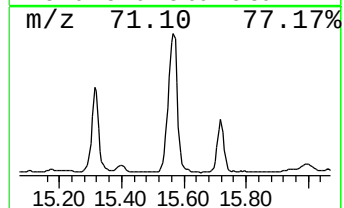
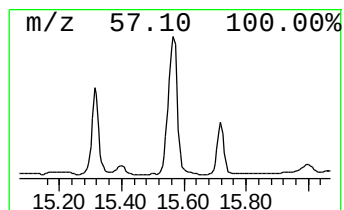
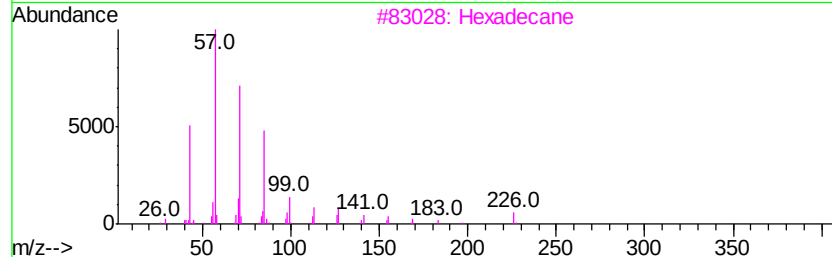
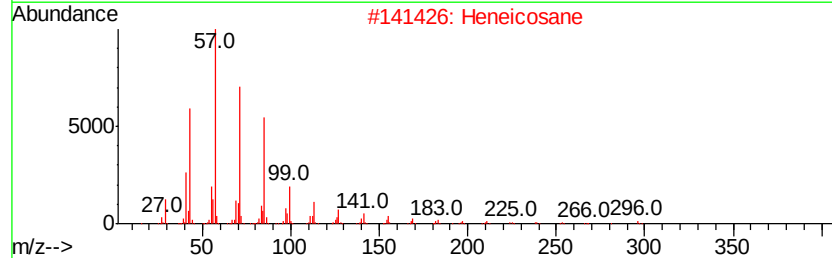
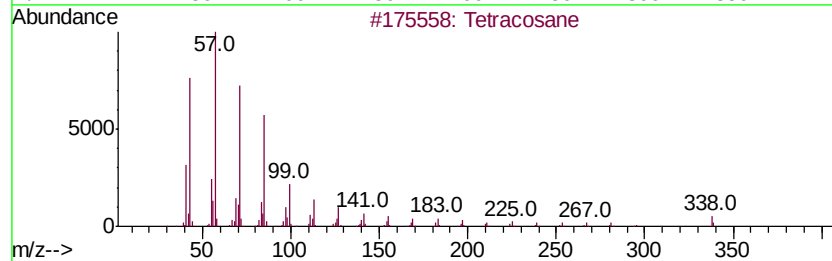
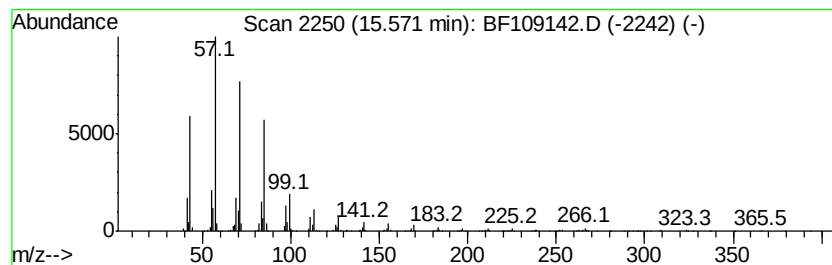
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Tetracosane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.57	52.10 ng	2816230	Perylene-d12	15.27

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetracosane	338	C24H50	000646-31-1	96
2		Heneicosane	296	C21H44	000629-94-7	91
3		Hexadecane	226	C16H34	000544-76-3	90
4		2-Bromotetradecane	276	C14H29Br	074036-95-6	90
5		Eicosane, 7-hexyl-	366	C26H54	055333-99-8	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091918\
Data File : BF109142.D
Acq On : 19 Sep 2018 14:42
Operator : JU/SJ
Sample : J4967-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

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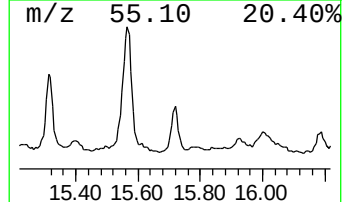
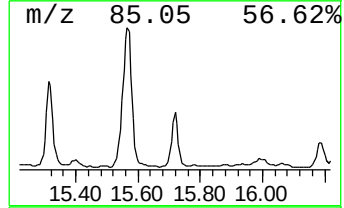
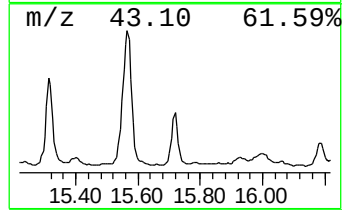
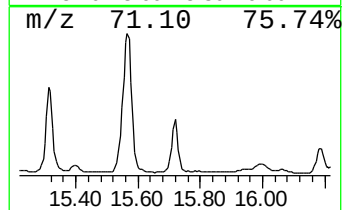
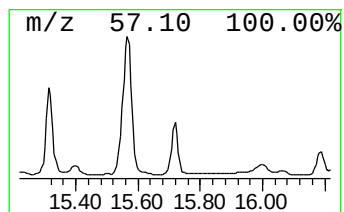
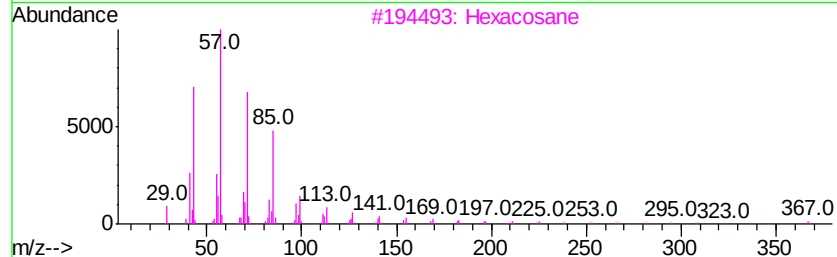
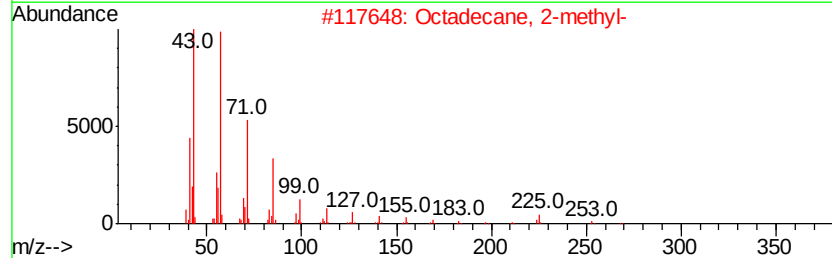
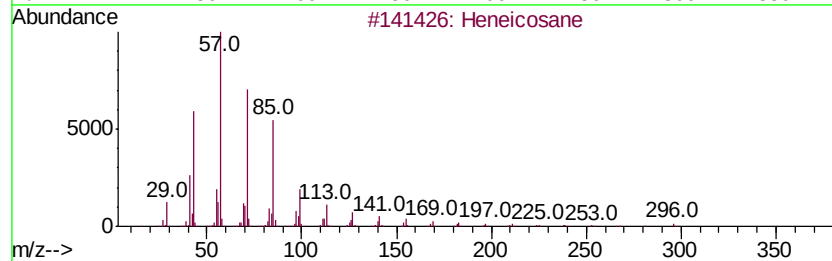
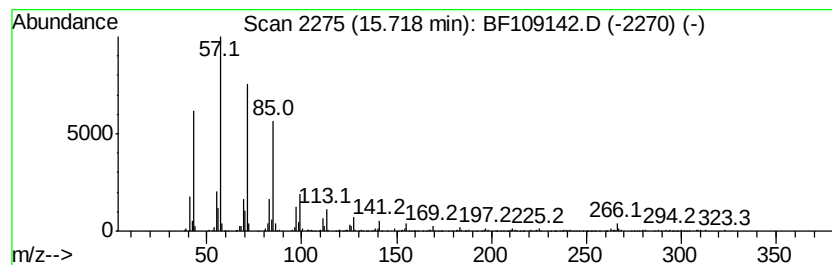
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Octadecane, 2-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.72	13.48 ng	728709	Perylene-d12	15.27

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	91
2		Octadecane, 2-methyl-	268	C19H40	001560-88-9	91
3		Hexacosane	366	C26H54	000630-01-3	87
4		Tridecane, 1-iodo-	310	C13H27I	035599-77-0	87
5		Nonadecane	268	C19H40	000629-92-5	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091918\
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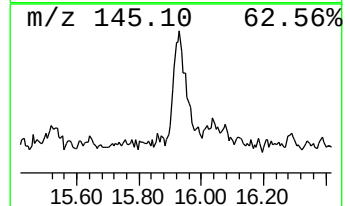
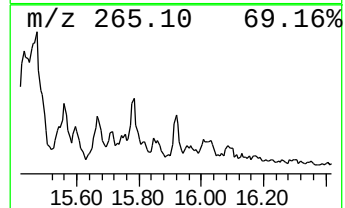
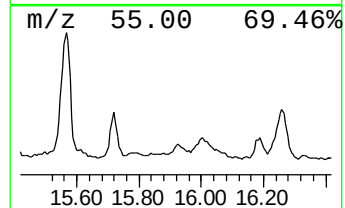
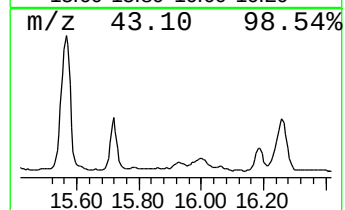
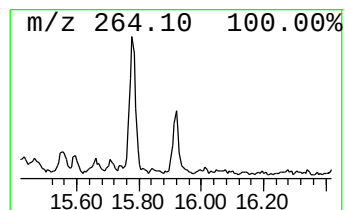
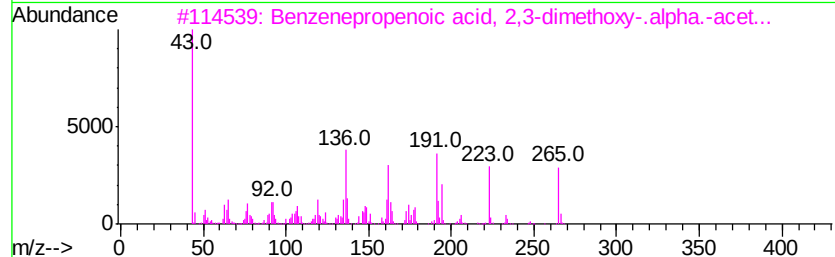
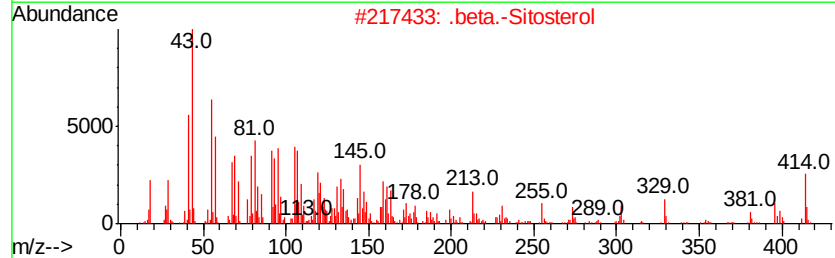
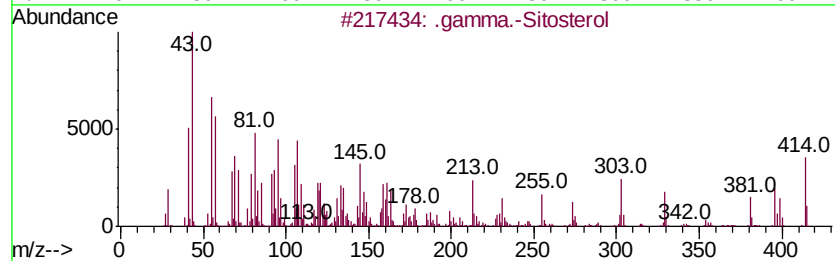
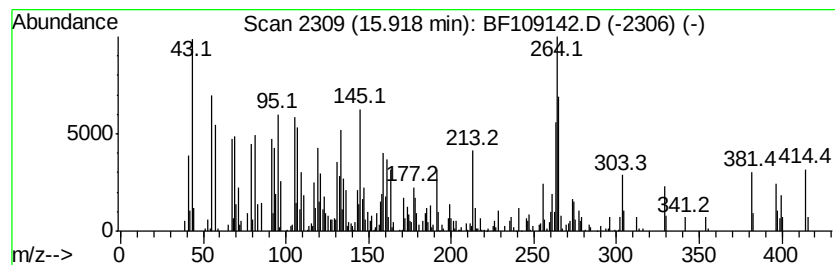
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 .gamma.-Sitosterol Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.	
15.92	5.86 ng	316672	Perylene-d12	15.27	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.gamma.-Sitosterol	414	C29H50O	000083-47-6	95
2	.beta.-Sitosterol	414	C29H50O	000083-46-5	91
3	Benzenepropenoic acid, 2,3-dimet...	265	C13H15NO5	1000132-52-8	9
4	2,20-Cyclo-8,9-secoaspidospermid...	396	C24H32N2O3	056145-37-0	9
5	3-Phenylpropenoic acid, 2',3'-di...	265	C13H15NO5	098708-99-7	9



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091918\
Data File : BF109142.D
Acq On : 19 Sep 2018 14:42
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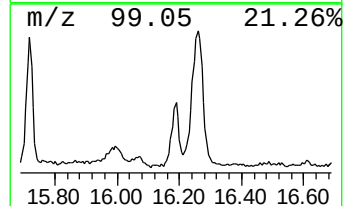
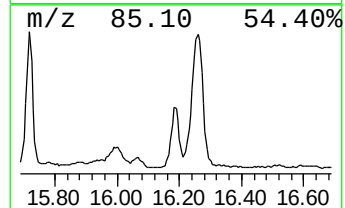
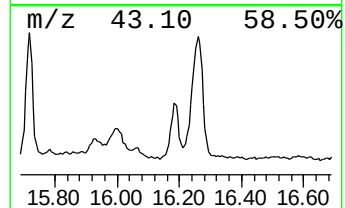
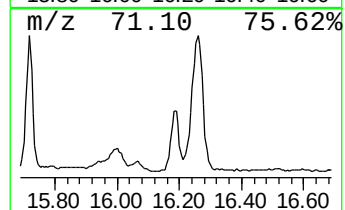
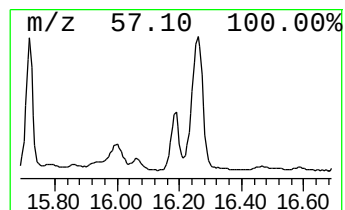
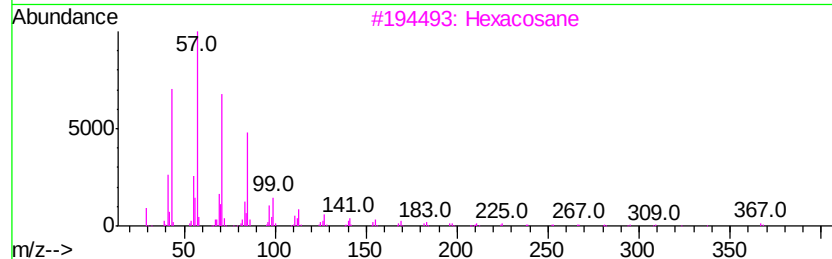
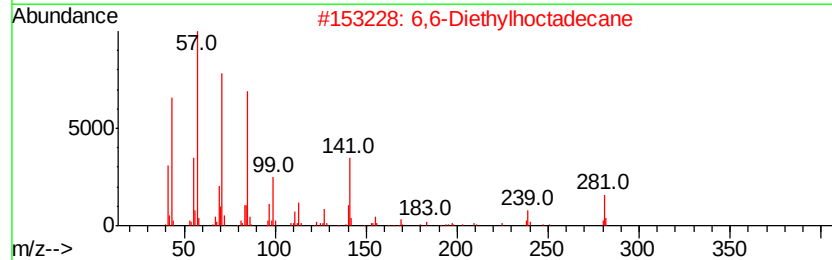
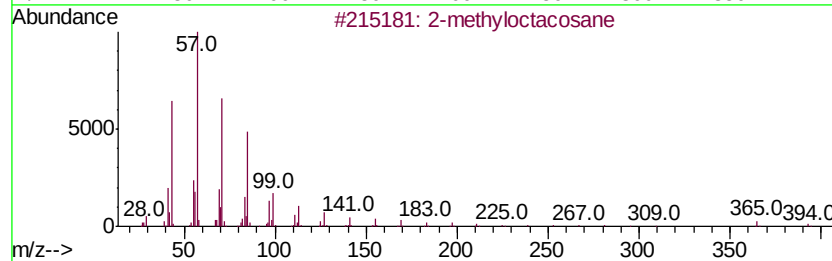
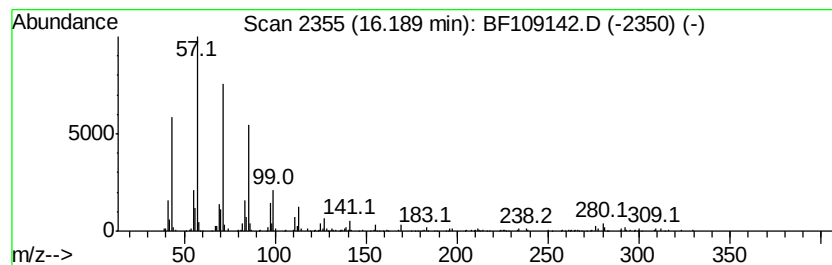
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 2-methyloctacosane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.19	6.52 ng	352203	Perylene-d12	15.27

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-methyloctacosane	408	C29H60	1000376-72-8	90
2			6,6-Diethyloctadecane	310	C22H46	1000360-41-8	90
3			Hexacosane	366	C26H54	000630-01-3	87
4			Heneicosane	296	C21H44	000629-94-7	87
5			Octacosane	394	C28H58	000630-02-4	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091918\
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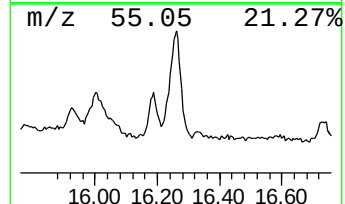
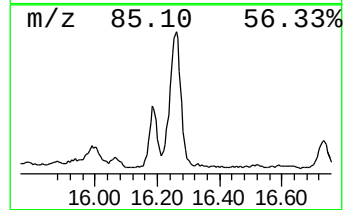
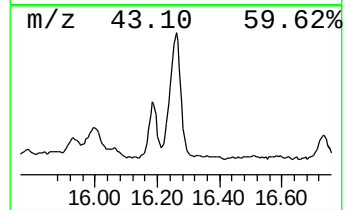
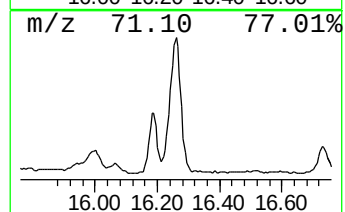
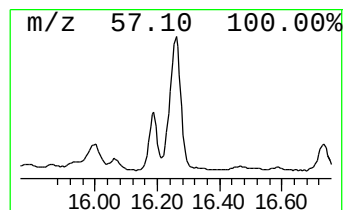
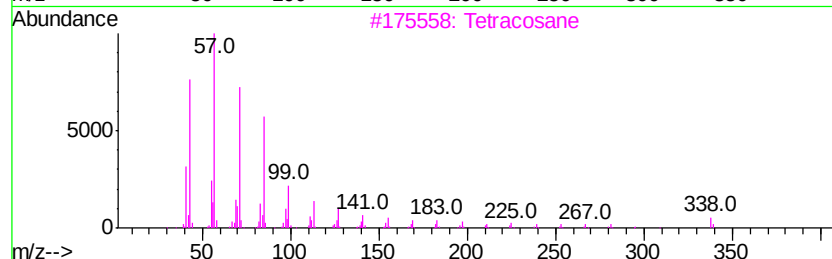
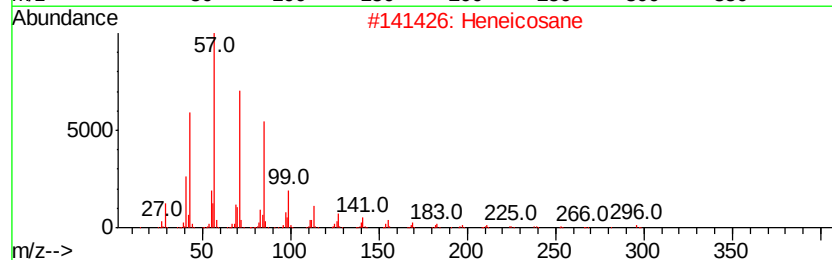
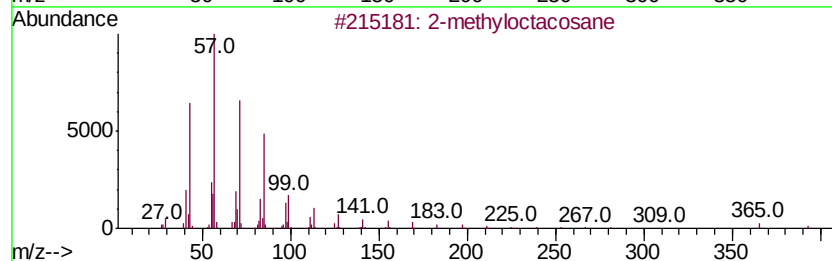
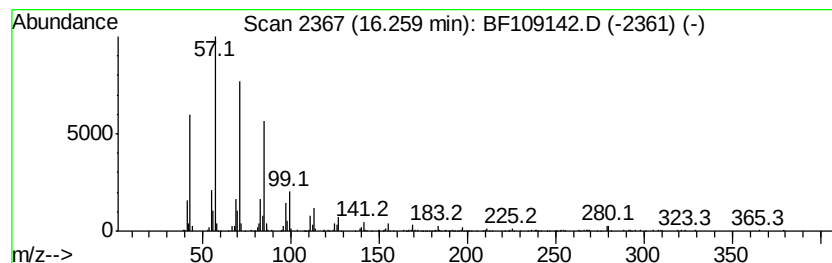
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 19 Tetratetracontane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.26	21.38 ng	1155870	Perylene-d12	15.27

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-methyloctacosane	408	C29H60	1000376-72-8	91
2		Heneicosane	296	C21H44	000629-94-7	91
3		Tetracosane	338	C24H50	000646-31-1	91
4		Tetratetracontane	619	C44H90	007098-22-8	90
5		2-methyltetracosane	352	C25H52	1000376-72-6	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091918\
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Acq On : 19 Sep 2018 14:42
Operator : JU/SJ
Sample : J4967-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SUP-UST-091718-01

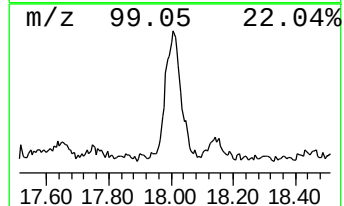
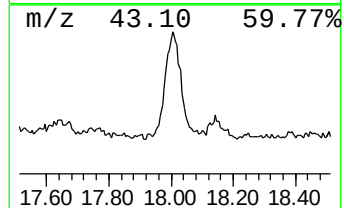
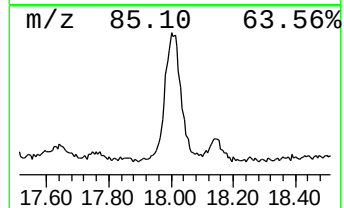
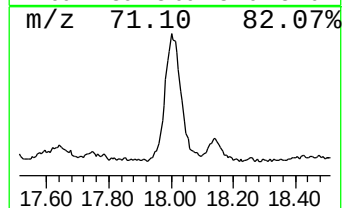
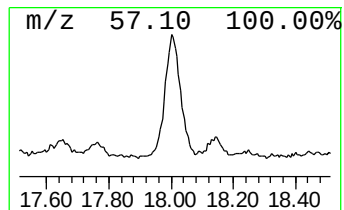
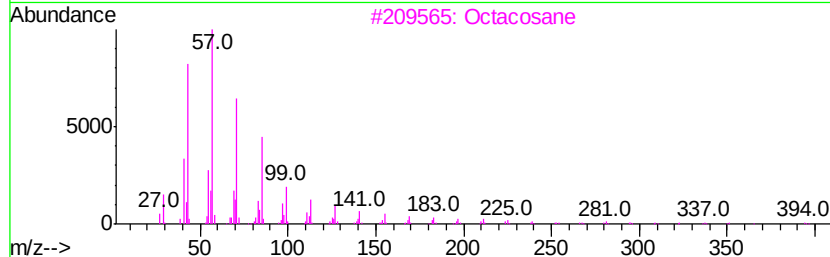
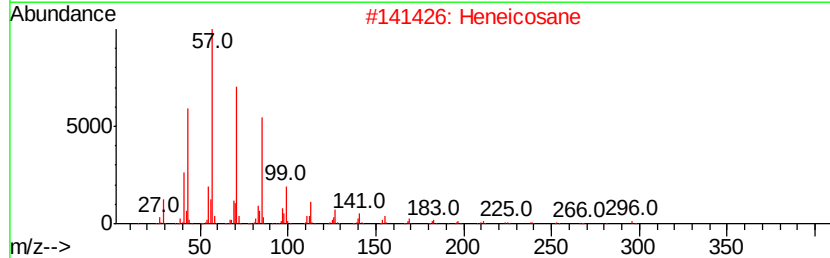
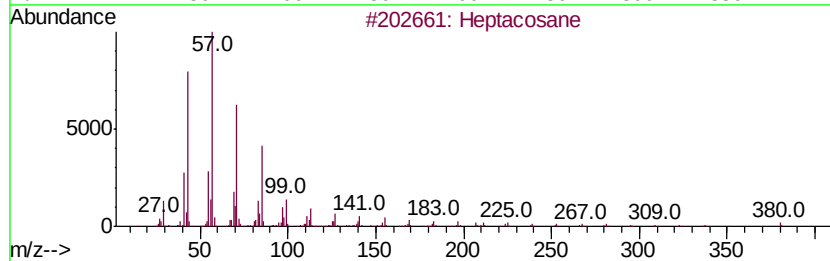
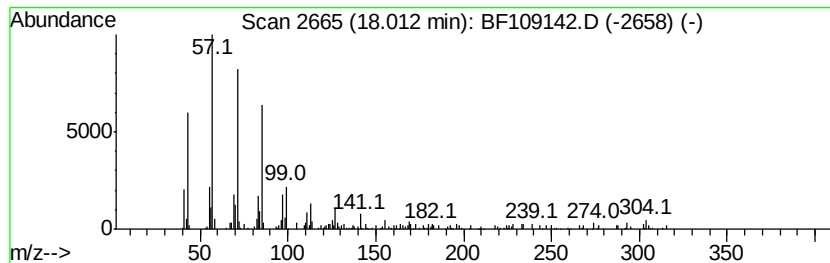
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Heptacosane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.01	7.09 ng	383174	Perylene-d12	15.27

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptacosane	380	C27H56	000593-49-7	91
2		Heneicosane	296	C21H44	000629-94-7	90
3		Octacosane	394	C28H58	000630-02-4	90
4		2-methyloctacosane	408	C29H60	1000376-72-8	90
5		Hexacosane	366	C26H54	000630-01-3	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF091918\
 Data File : BF109142.D
 Acq On : 19 Sep 2018 14:42
 Operator : JU/SJ
 Sample : J4967-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SUP-UST-091718-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091418.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
2-Pentanone, 4-hy...	4.92	2.5	ng	118870	1	6.72	934940	20.0
unknown6.49	6.49	60.3	ng	2817950	1	6.72	934940	20.0
9-Octadecenamide, ...	11.51	4.5	ng	263984	4	11.23	1187550	20.0
Anthracene, 1-met...	11.73	5.8	ng	345127	4	11.23	1187550	20.0
n-Hexadecanoic acid	11.78	48.0	ng	2852050	4	11.23	1187550	20.0
Phenanthrene, 2,5...	12.28	2.3	ng	139110	4	11.23	1187550	20.0
Octadecanoic acid	12.57	5.6	ng	2692830	5	13.85	9568270	20.0
Nonadecane	13.08	14.3	ng	6852150	5	13.85	9568270	20.0
Eicosane, 10-methyl-	14.44	15.3	ng	7320680	5	13.85	9568270	20.0
Heneicosane	14.64	16.2	ng	877427	6	15.27	1081150	20.0
1-Octadecanethiol	14.78	15.7	ng	849932	6	15.27	1081150	20.0
Eicosane, 7-hexyl-	14.97	115.3	ng	6235740	6	15.27	1081150	20.0
Benzo[e]pyrene	15.15	8.3	ng	451129	6	15.27	1081150	20.0
Tetracosane	15.57	52.1	ng	2816230	6	15.27	1081150	20.0
Octadecane, 2-met...	15.72	13.5	ng	728709	6	15.27	1081150	20.0
.gamma.-Sitosterol	15.92	5.9	ng	316672	6	15.27	1081150	20.0
2-methyloctacosane	16.19	6.5	ng	352203	6	15.27	1081150	20.0
Tetratetracontane	16.26	21.4	ng	1155870	6	15.27	1081150	20.0
Heptacosane	18.01	7.1	ng	383174	6	15.27	1081150	20.0