

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF112018\
 Data File : BF110889.D
 Acq On : 20 Nov 2018 12:56
 Operator : JU/SJ
 Sample : J5993-02
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 20180926-WCC-2-COMPOSITE

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-BF110818.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.234	20	25	31	rVB	85774	120971	1.75%	0.203%
2	5.175	518	525	530	rBV2	50720	89528	1.29%	0.150%
3	5.563	587	591	600	rBV	1350497	1355603	19.58%	2.270%
4	6.569	758	762	770	rBV	1407227	1530360	22.10%	2.563%
5	6.710	782	786	791	rVB	1720172	1511357	21.83%	2.531%
6	6.939	821	825	829	rBV2	437137	387920	5.60%	0.650%
7	7.092	848	851	859	rVB	1062168	959768	13.86%	1.607%
8	7.192	863	868	872	rVV3	65397	89610	1.29%	0.150%
9	7.504	917	921	927	rBV	948991	915816	13.23%	1.534%
10	7.733	957	960	965	rVB3	44040	74130	1.07%	0.124%
11	8.222	1040	1043	1047	rBV	572178	475510	6.87%	0.796%
12	8.257	1047	1049	1052	rVB	143626	131137	1.89%	0.220%
13	8.498	1086	1090	1094	rVB5	89801	113641	1.64%	0.190%
14	8.622	1108	1111	1113	rVB	105879	75115	1.08%	0.126%
15	9.222	1211	1213	1215	rVB	104383	72002	1.04%	0.121%
16	9.292	1221	1225	1231	rBV	1530199	1367776	19.75%	2.291%
17	9.363	1234	1237	1241	rVV3	65195	85260	1.23%	0.143%
18	9.680	1286	1291	1298	rVB3	240049	369903	5.34%	0.620%
19	9.769	1302	1306	1311	rVB6	52046	93171	1.35%	0.156%
20	9.880	1323	1325	1328	rVB2	81185	72962	1.05%	0.122%
21	9.980	1339	1342	1347	rVB	564822	526243	7.60%	0.881%
22	10.180	1372	1376	1379	rBV2	74071	86958	1.26%	0.146%
23	10.292	1392	1395	1399	rBV2	72825	105092	1.52%	0.176%
24	10.327	1399	1401	1405	rVB3	64444	72719	1.05%	0.122%
25	10.380	1407	1410	1413	rBV3	104231	117440	1.70%	0.197%
26	10.610	1445	1449	1452	rBV	144306	164007	2.37%	0.275%
27	10.780	1474	1478	1481	rBV	986866	958801	13.85%	1.606%
28	10.874	1490	1494	1503	rBV3	234575	325298	4.70%	0.545%
29	11.116	1532	1535	1538	rBV3	68527	96978	1.40%	0.162%
30	11.339	1571	1573	1576	rVB	159649	132730	1.92%	0.222%
31	11.480	1593	1597	1600	rBV	615531	570916	8.25%	0.956%
32	11.992	1678	1684	1692	rVB2	964421	1572067	22.70%	2.633%
33	12.545	1771	1778	1788	rVB2	905296	2332270	33.68%	3.906%
34	12.774	1812	1817	1828	rVB	1392953	2173469	31.39%	3.640%

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35	12.933	1842	1844	1848	rVB2	92994	99685	1.44%	0.167%
36	12.980	1849	1852	1858	rVB3	102766	119266	1.72%	0.200%
37	13.063	1862	1866	1869	rBV	1374212	1131821	16.35%	1.896%
38	13.298	1902	1906	1910	rBV	200243	351791	5.08%	0.589%
39	13.368	1910	1918	1925	rVB	2241078	4316040	62.33%	7.228%
40	13.598	1955	1957	1961	rVB2	84580	93505	1.35%	0.157%
41	13.933	2011	2014	2017	rBV	222128	249431	3.60%	0.418%
42	14.004	2017	2026	2030	rVB	3059144	5808296	83.88%	9.728%
43	14.133	2044	2048	2055	rVB	412258	406986	5.88%	0.682%
44	14.251	2064	2068	2071	rBV	313293	291959	4.22%	0.489%
45	14.315	2075	2079	2082	rVV	141344	212500	3.07%	0.356%
46	14.351	2082	2085	2092	rVB4	134363	224400	3.24%	0.376%
47	14.527	2105	2115	2118	rBV	3752271	6924139	100.00%	11.596%
48	14.557	2118	2120	2125	rVB	610388	540546	7.81%	0.905%
49	14.815	2160	2164	2169	rVB	181527	259577	3.75%	0.435%
50	14.874	2169	2174	2180	rVB	941555	1150136	16.61%	1.926%
51	15.039	2192	2202	2214	rVB	3157751	6288208	90.82%	10.531%
52	15.221	2228	2233	2238	rBV	937790	1149790	16.61%	1.926%
53	15.362	2254	2257	2260	rBV	99341	142305	2.06%	0.238%
54	15.404	2261	2264	2267	rVV3	88027	126361	1.82%	0.212%
55	15.609	2288	2299	2305	rBV	2473895	5233681	75.59%	8.765%
56	15.668	2305	2309	2321	rVB	294056	460337	6.65%	0.771%
57	16.068	2371	2377	2385	rVB	560514	937357	13.54%	1.570%
58	16.256	2401	2409	2419	rBV	881811	1901006	27.45%	3.184%
59	16.592	2461	2466	2476	rVB	233799	451430	6.52%	0.756%
60	16.751	2489	2493	2499	rVB3	84686	172012	2.48%	0.288%
61	17.015	2530	2538	2549	rVB	340809	897547	12.96%	1.503%
62	17.209	2567	2571	2579	rVB2	69415	140195	2.02%	0.235%
63	17.915	2684	2691	2703	rVB2	151076	502287	7.25%	0.841%

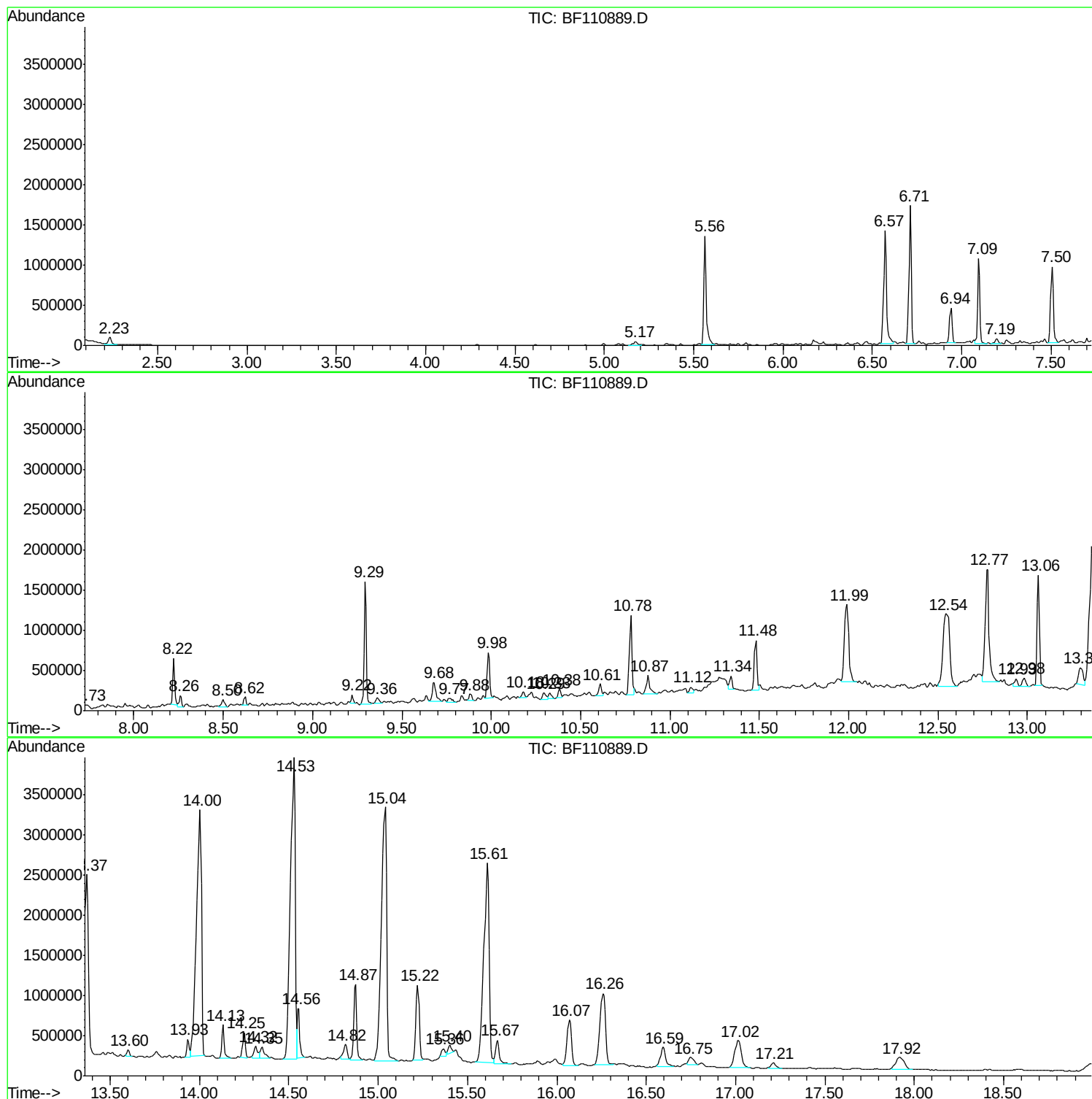
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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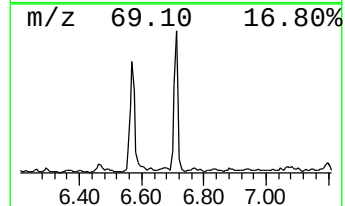
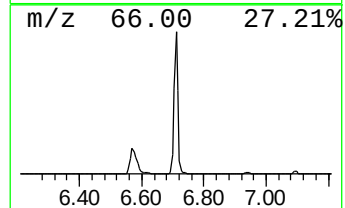
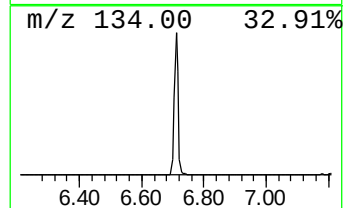
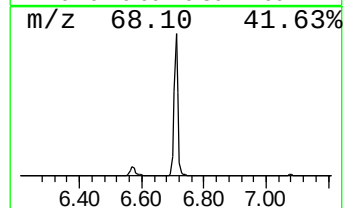
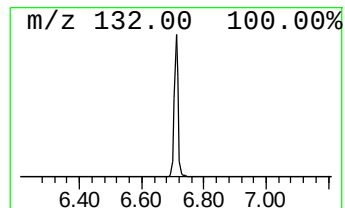
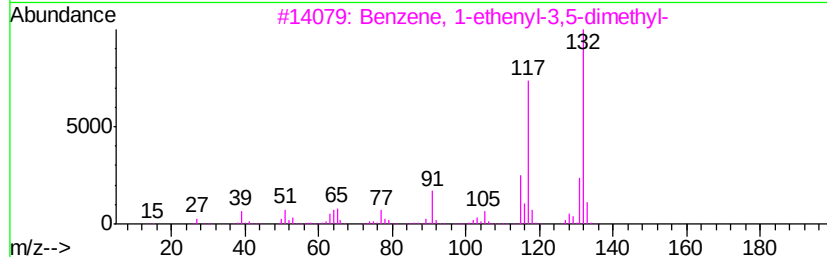
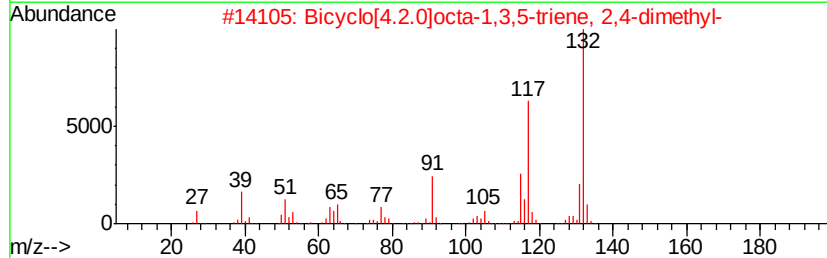
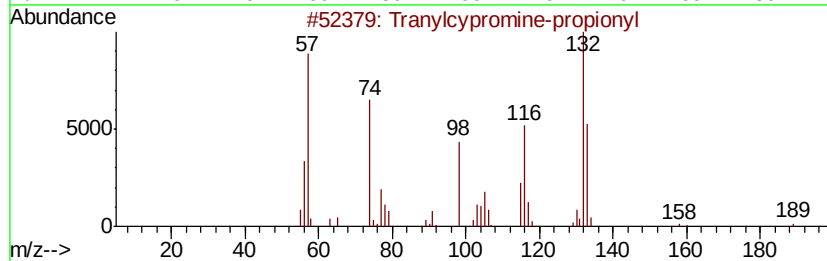
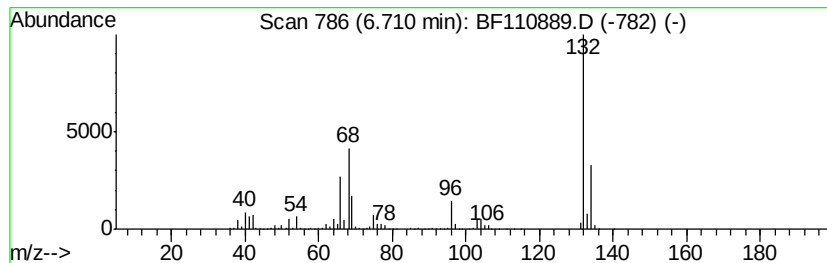
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown6.71 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.71	77.92 ng	1511360	1,4-Dichlorobenzene-d4	6.94

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tranlylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
2		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
3		Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	9
4		1,3,4-Thiadiazole-2(3H)-thione, ...	132	C3H4N2S2	029490-19-5	9
5		1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9



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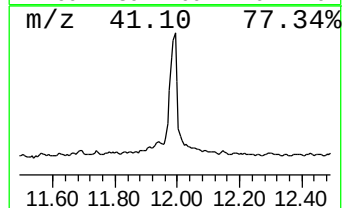
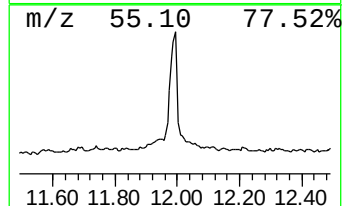
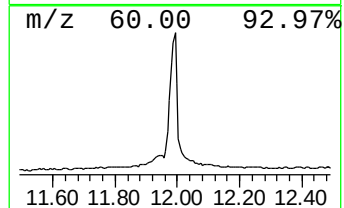
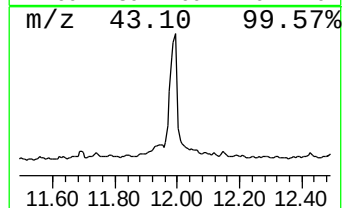
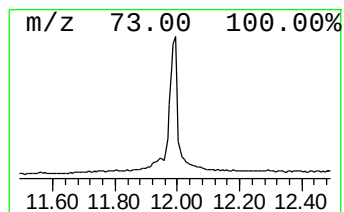
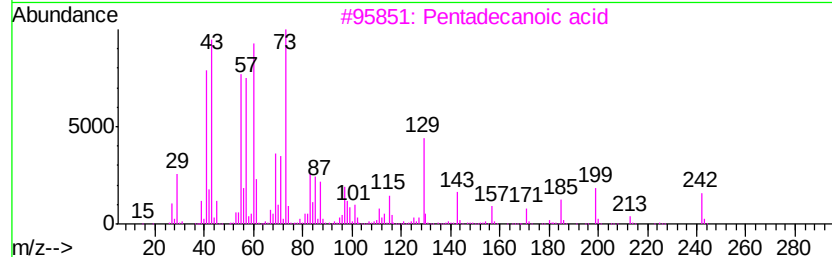
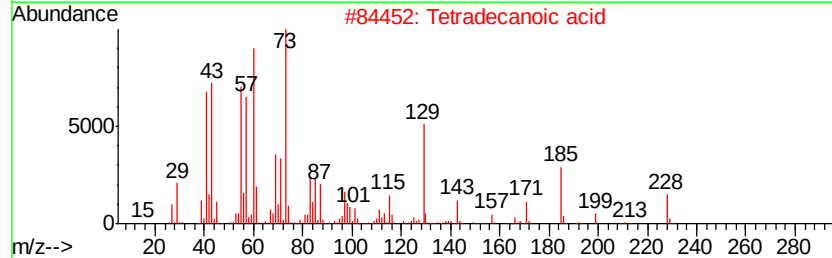
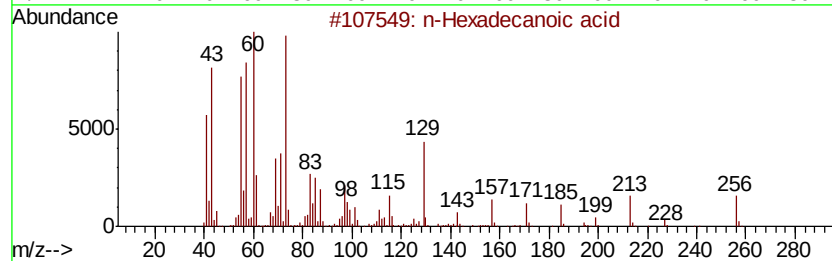
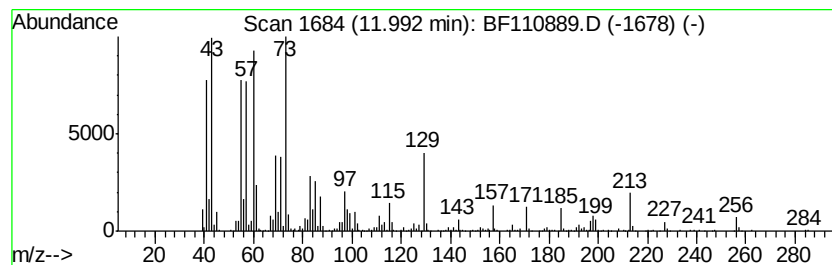
Instrument :
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 n-Hexadecanoic acid Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.99	55.07 ng	1572070	Phenanthrene-d10	11.48
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		n-Hexadecanoic acid	256 C16H32O2	000057-10-3 98
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 87
5		Octadecanoic acid	284 C18H36O2	000057-11-4 70



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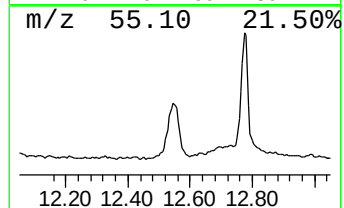
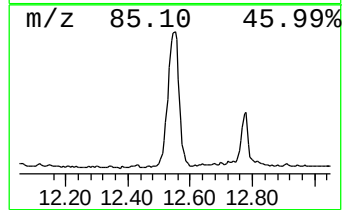
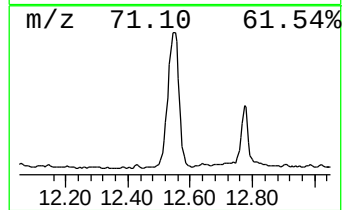
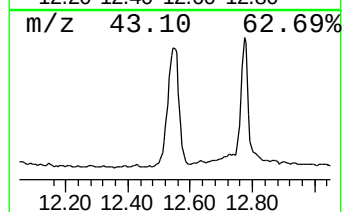
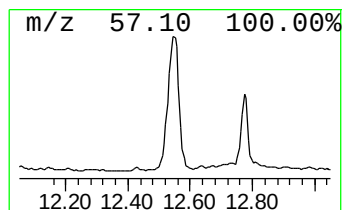
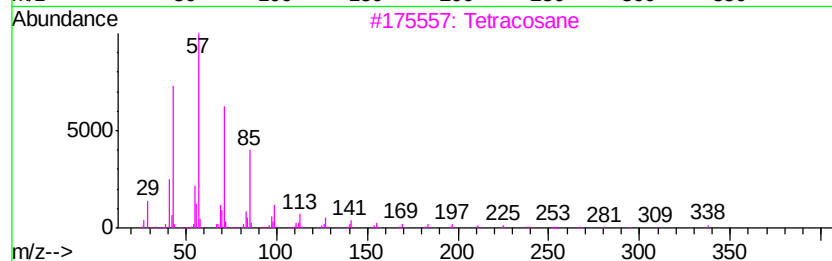
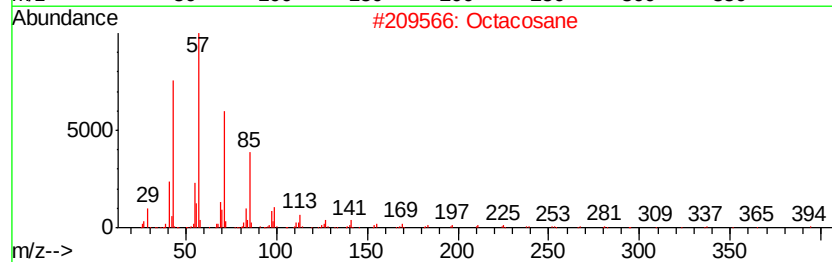
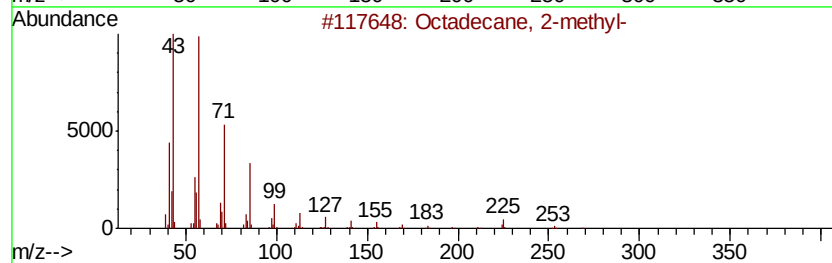
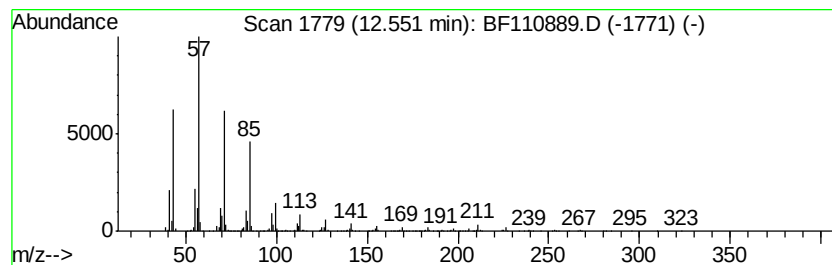
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 4 Octadecane, 2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.55	81.70 ng	2332270	Phenanthrene-d10	11.48

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecane, 2-methyl-	268	C19H40	001560-88-9	93
2		Octacosane	394	C28H58	000630-02-4	91
3		Tetracosane	338	C24H50	000646-31-1	91
4		Heptacosane	380	C27H56	000593-49-7	91
5		Hexadecane	226	C16H34	000544-76-3	91



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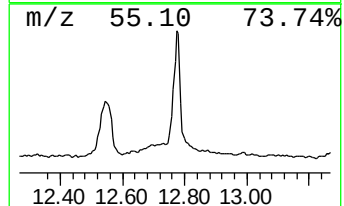
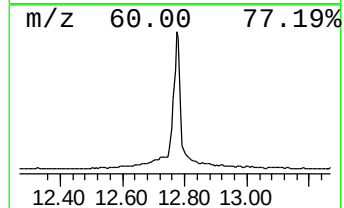
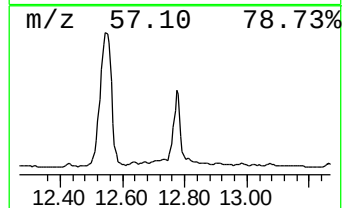
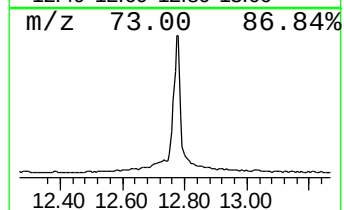
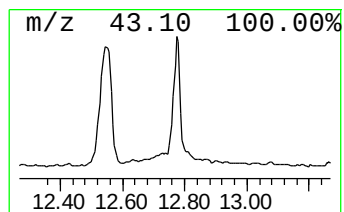
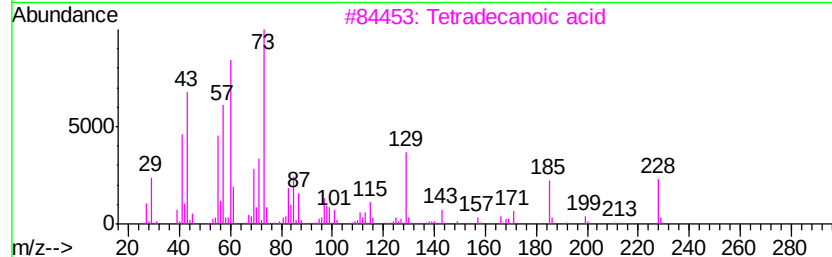
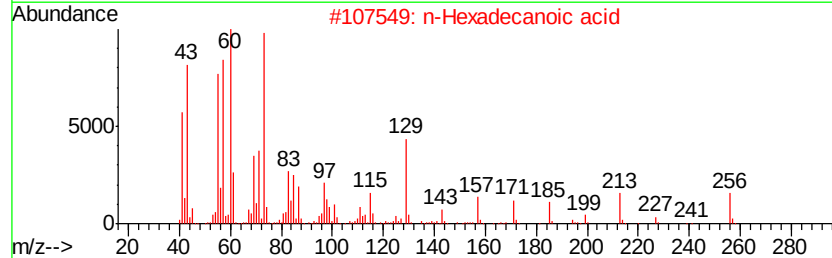
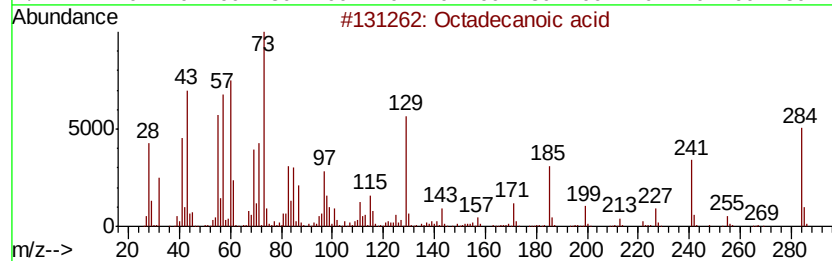
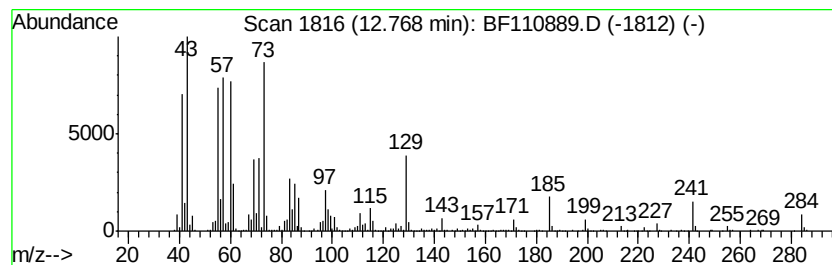
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Peak Number 5 Octadecanoic acid Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD		R.T.	
12.77	76.14 ng	2173470	Phenanthrene-d10		11.48	
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	86
3		Tetradecanoic acid	228	C14H28O2	000544-63-8	83
4		n-Decanoic acid	172	C10H20O2	000334-48-5	62
5		Ethanone, 1-(4,5-dihydro-2-thiaz...	129	C5H7NOS	029926-41-8	38



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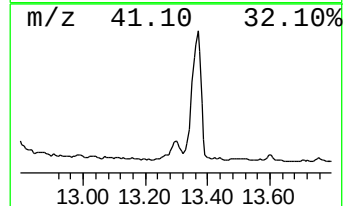
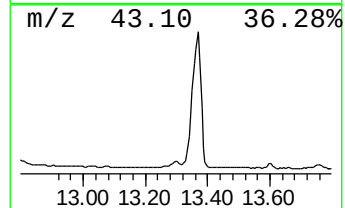
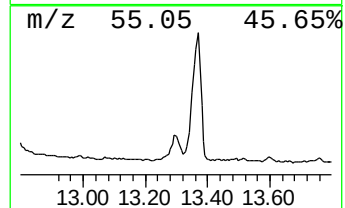
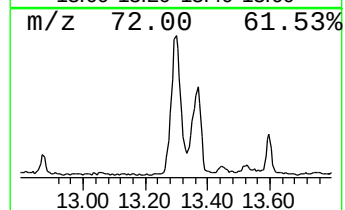
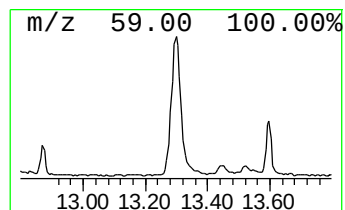
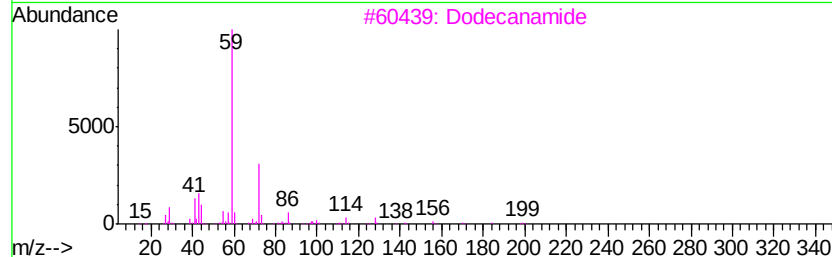
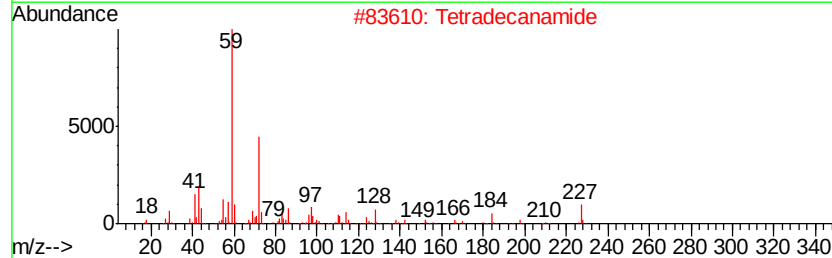
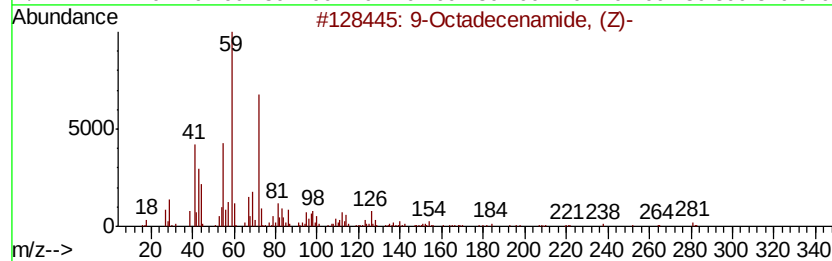
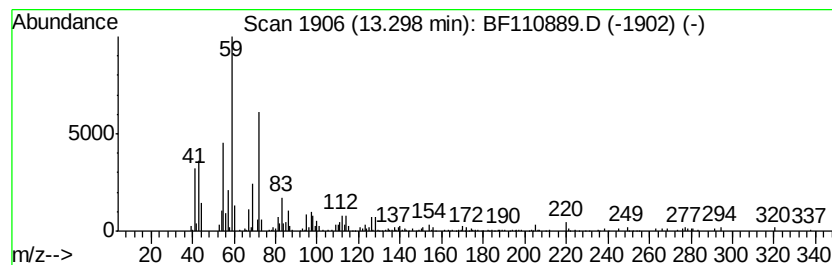
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 9-Octadecenamide, (Z)- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.		
13.30	17.29 ng	351791	Chrysene-d12	14.13		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	89
2		Tetradecanamide	227	C14H29NO	000638-58-4	64
3		Dodecanamide	199	C12H25NO	001120-16-7	59
4		Benzeneethanamine, 2-fluoro-.bet...	229	C11H16FN03	061338-98-5	59
5		2-Propanone, 1-cyclohexyl-	140	C9H16O	000103-78-6	43



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112018\
Data File : BF110889.D
Acq On : 20 Nov 2018 12:56
Operator : JU/SJ
Sample : J5993-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

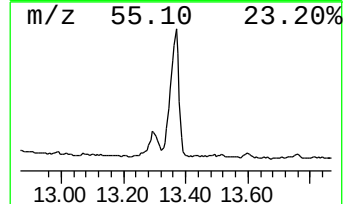
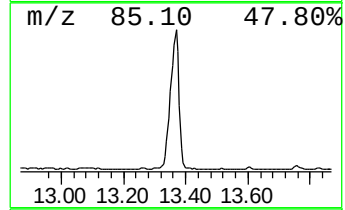
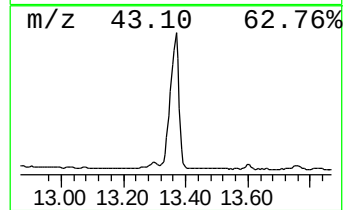
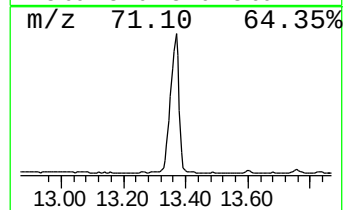
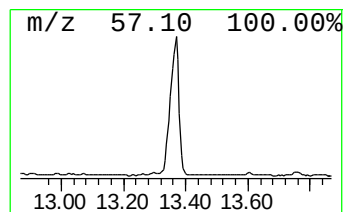
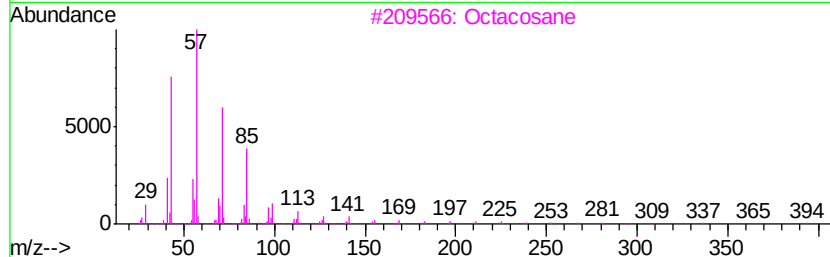
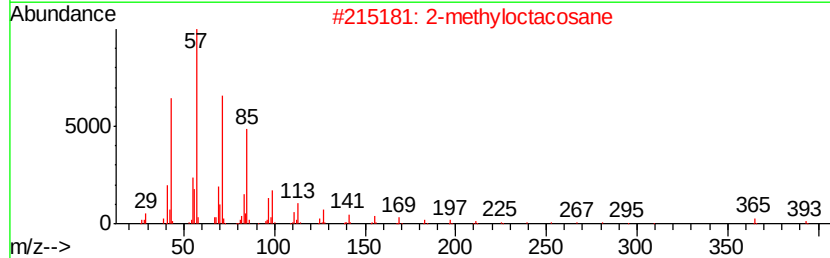
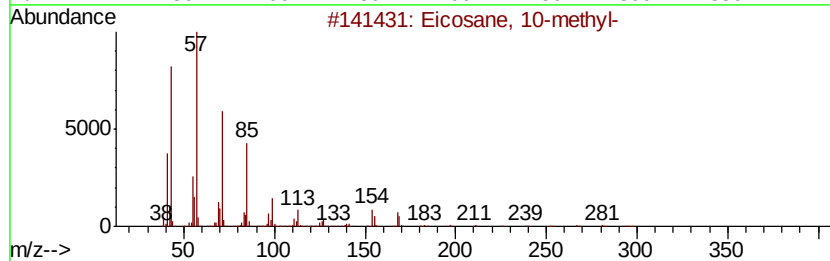
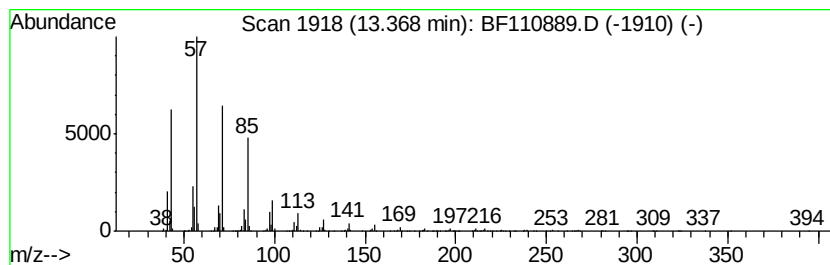
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Eicosane, 10-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.37	212.10 ng	4316040	Chrysene-d12	14.13
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Eicosane, 10-methyl-	296 C21H44	054833-23-7	93
2	2-methyloctacosane	408 C29H60	1000376-72-8	91
3	Octacosane	394 C28H58	000630-02-4	91
4	Nonadecane, 2-methyl-	282 C20H42	001560-86-7	90
5	Eicosane, 7-hexyl-	366 C26H54	055333-99-8	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112018\
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Operator : JU/SJ
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ALS Vial : 5 Sample Multiplier: 1

Instrument :
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ClientSampleId :
20180926-WCC-2-COMPOSITE

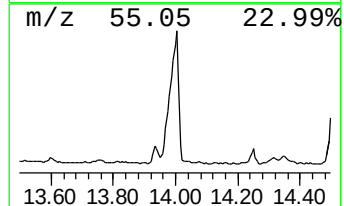
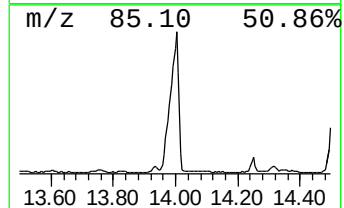
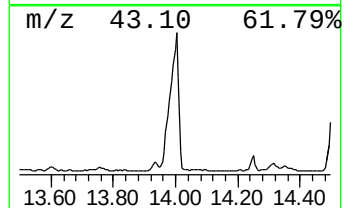
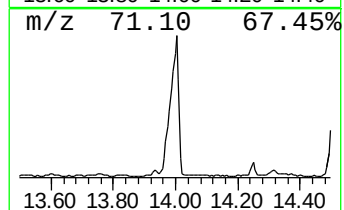
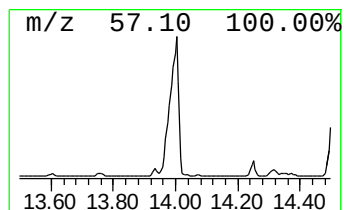
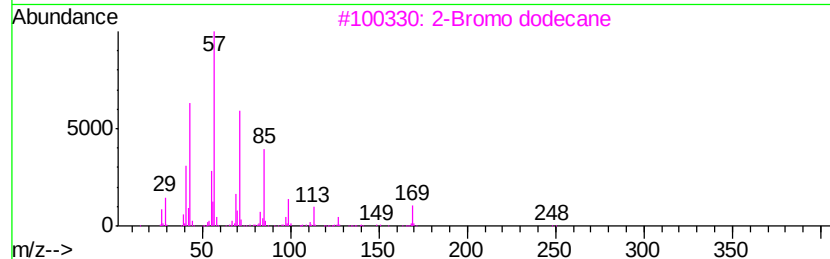
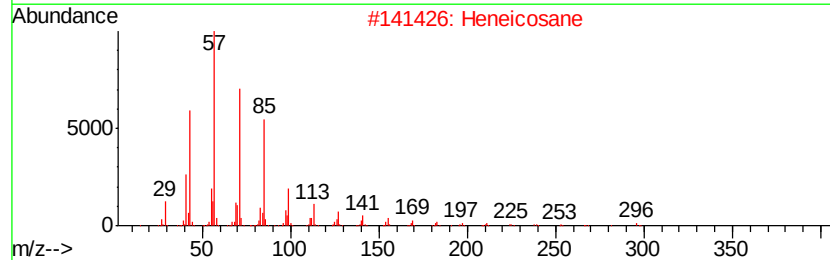
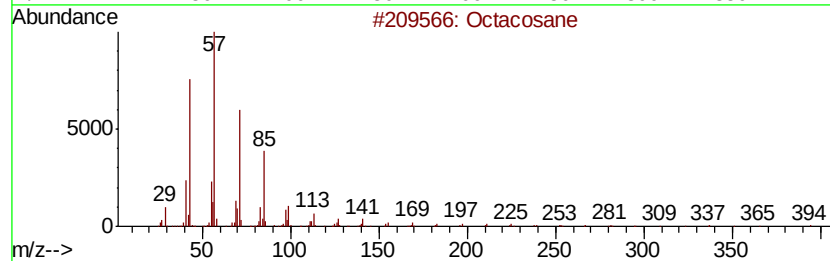
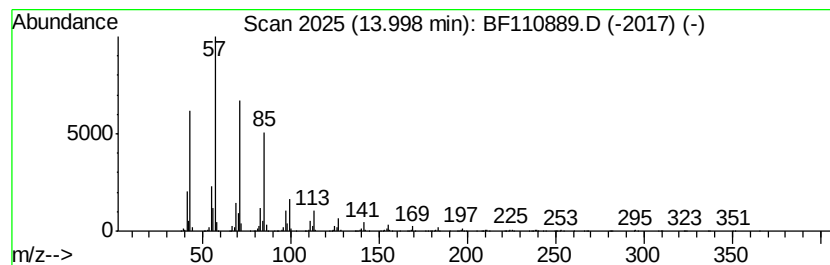
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Octacosane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.00	285.43 ng	5808300	Chrysene-d12	14.13

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octacosane	394	C28H58	000630-02-4	91
2		Heneicosane	296	C21H44	000629-94-7	91
3		2-Bromo dodecane	248	C12H25Br	013187-99-0	91
4		Hexacosane	366	C26H54	000630-01-3	91
5		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112018\
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 Acq On : 20 Nov 2018 12:56
 Operator : JU/SJ
 Sample : J5993-02
 Misc :
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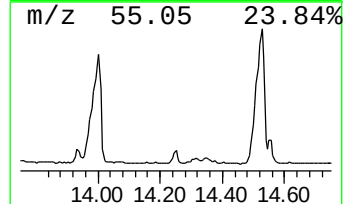
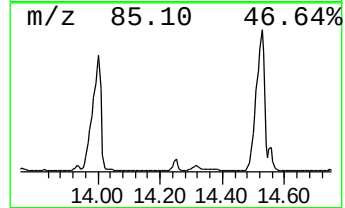
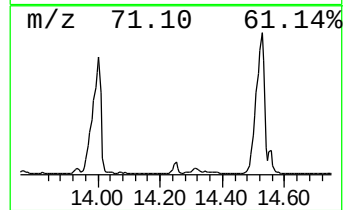
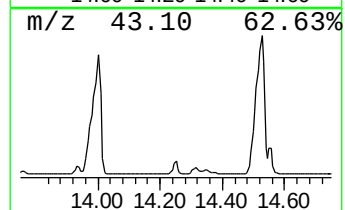
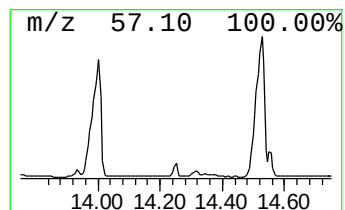
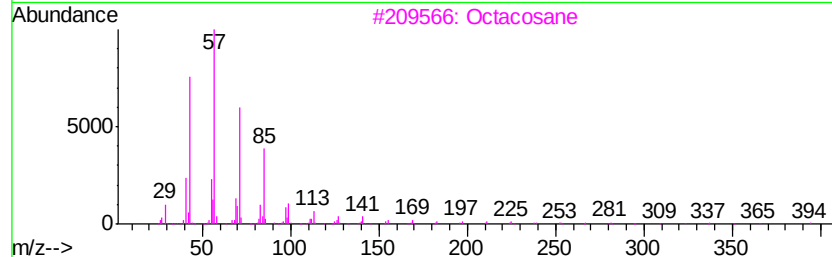
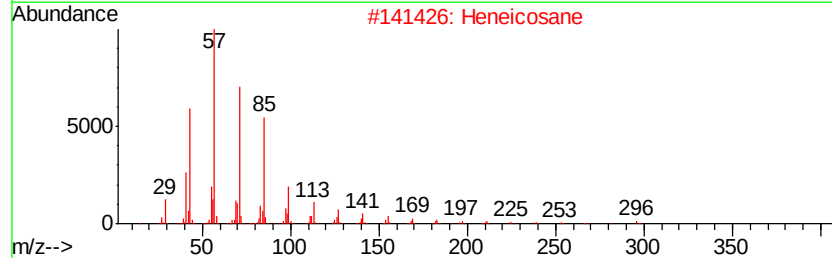
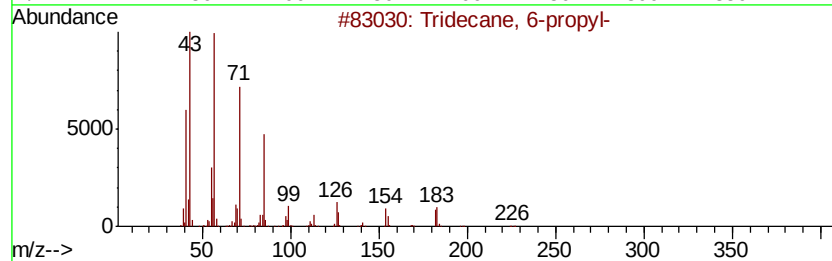
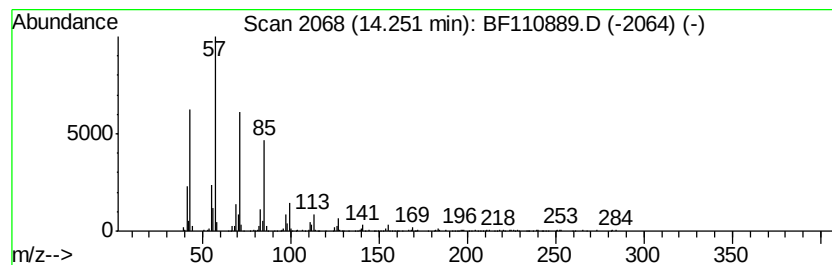
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

 Peak Number 9 Tridecane, 6-propyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD		R.T.
14.25	14.35 ng	291959	Chrysene-d12		14.13
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 6-propyl-	226	C16H34	055045-10-8	93
2	Heneicosane	296	C21H44	000629-94-7	91
3	Octacosane	394	C28H58	000630-02-4	91
4	Hexacosane	366	C26H54	000630-01-3	91
5	Tetracosane	338	C24H50	000646-31-1	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112018\
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Acq On : 20 Nov 2018 12:56
Operator : JU/SJ
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Misc :
ALS Vial : 5 Sample Multiplier: 1

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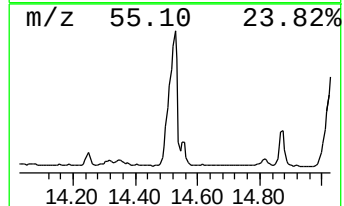
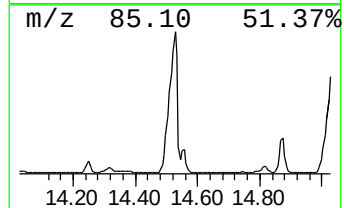
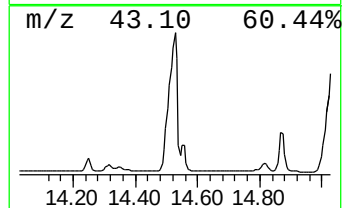
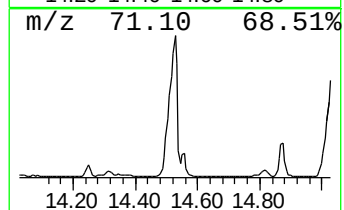
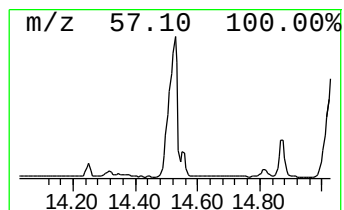
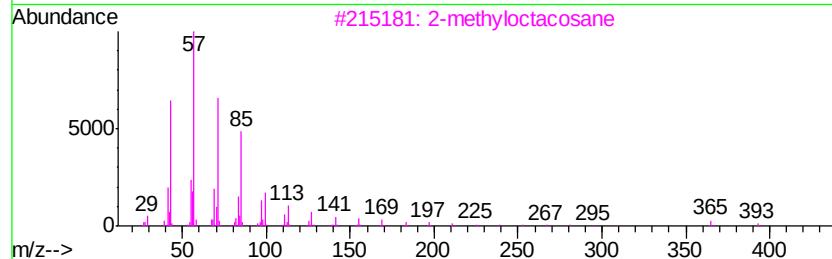
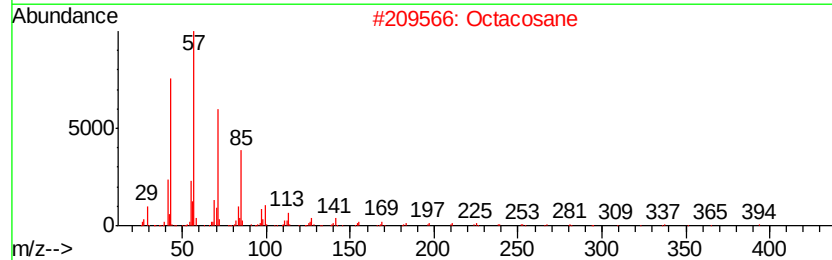
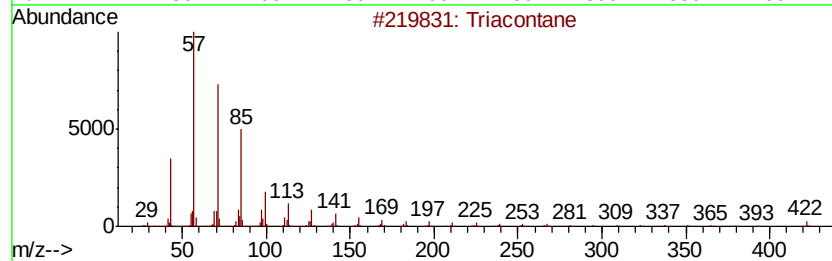
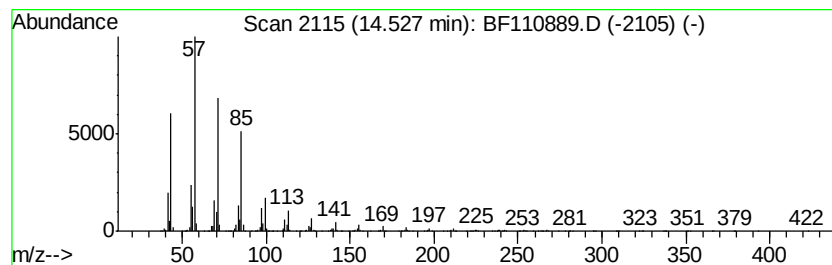
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 Triacontane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.53	340.26 ng	6924140	Chrysene-d12	14.13

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Triacontane	422	C30H62	000638-68-6	98
2		Octacosane	394	C28H58	000630-02-4	91
3		2-methyloctacosane	408	C29H60	1000376-72-8	91
4		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
5		Hexacosane	366	C26H54	000630-01-3	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112018\
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Acq On : 20 Nov 2018 12:56
Operator : JU/SJ
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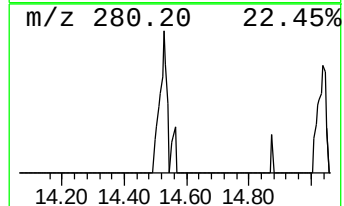
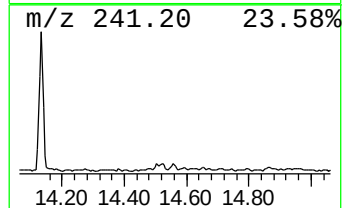
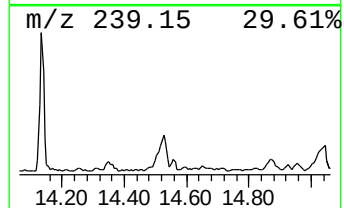
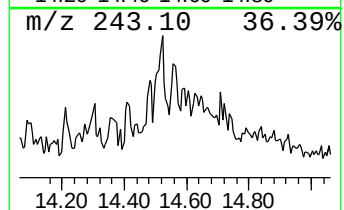
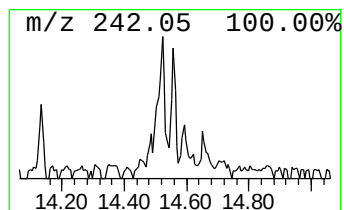
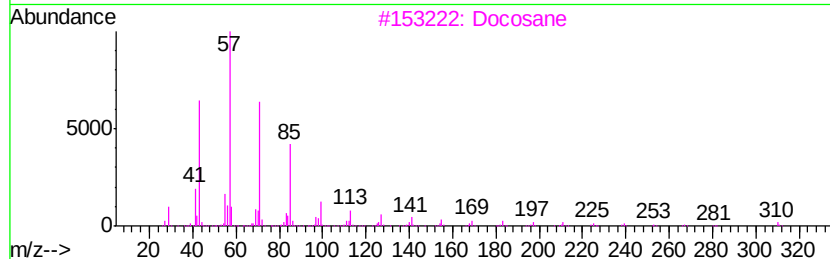
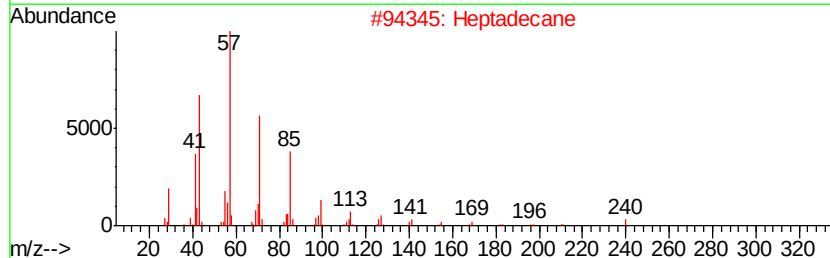
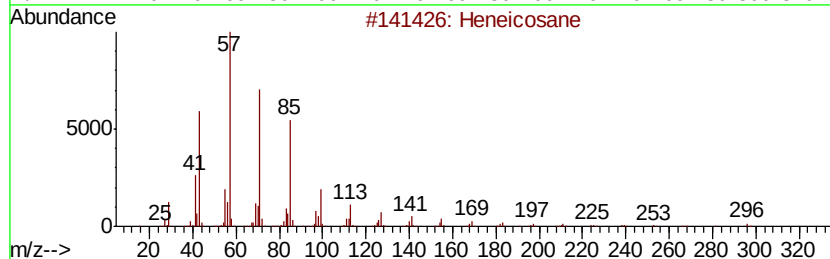
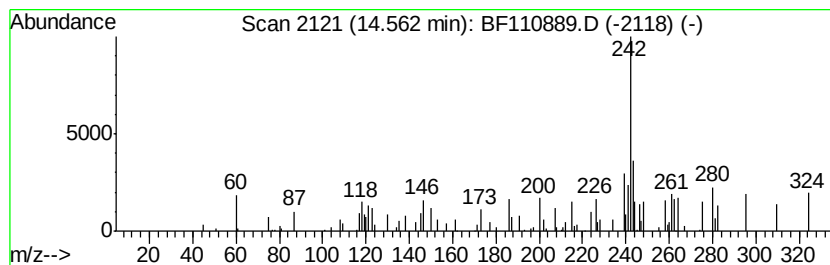
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Heneicosane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.56	26.56 ng	540546	Chrysene-d12	14.13

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	91
2		Heptadecane	240	C17H36	000629-78-7	90
3		Docosane	310	C22H46	000629-97-0	90
4		Octadecane	254	C18H38	000593-45-3	86
5		Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	86



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Data File : BF110889.D
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ClientSampleId :
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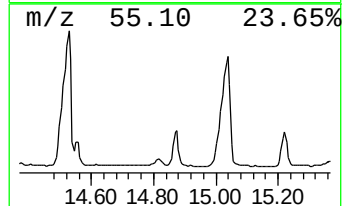
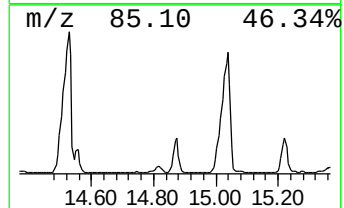
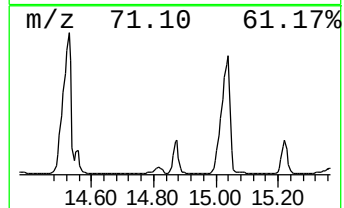
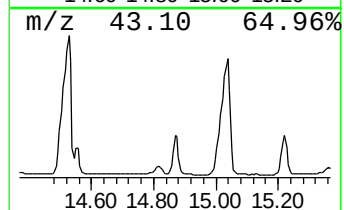
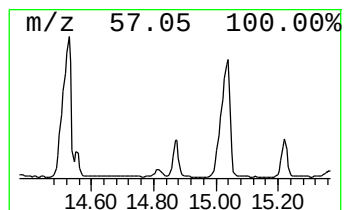
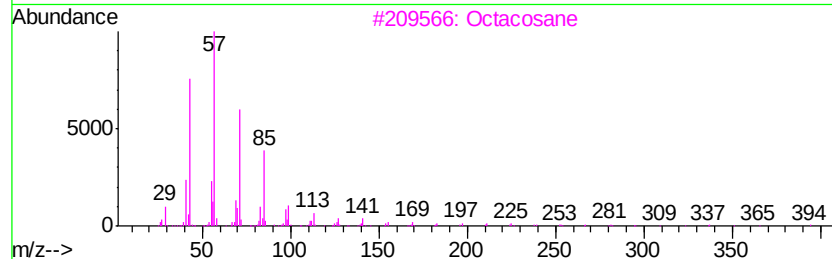
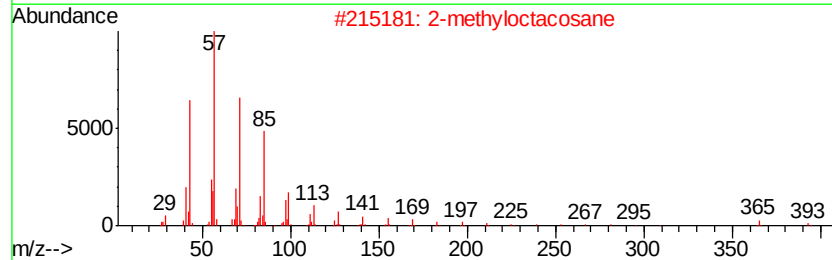
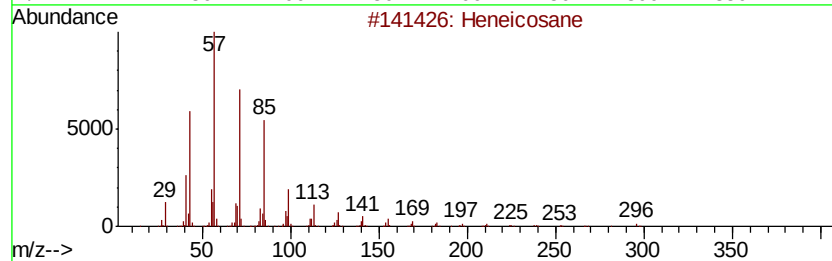
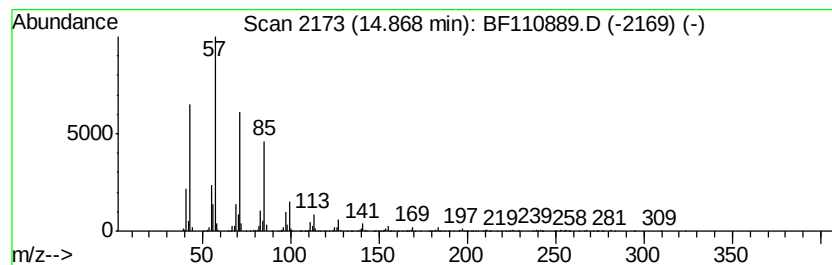
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 12 Tetracosane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.87	56.52 ng	1150140	Chrysene-d12	14.13

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		Octacosane	394	C28H58	000630-02-4	91
4		Tetracosane	338	C24H50	000646-31-1	91
5		triacontane	422	C30H62	000638-68-6	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112018\
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Operator : JU/SJ
Sample : J5993-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

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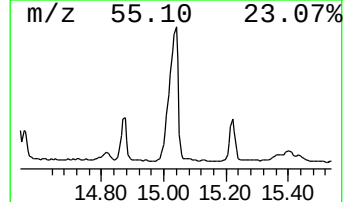
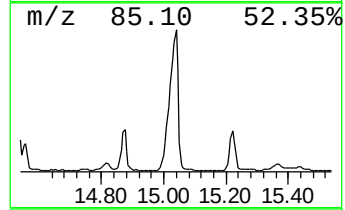
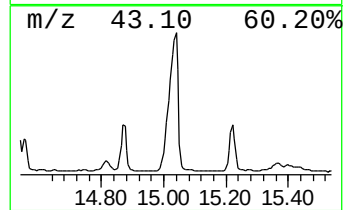
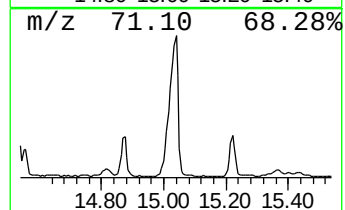
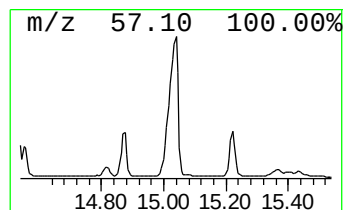
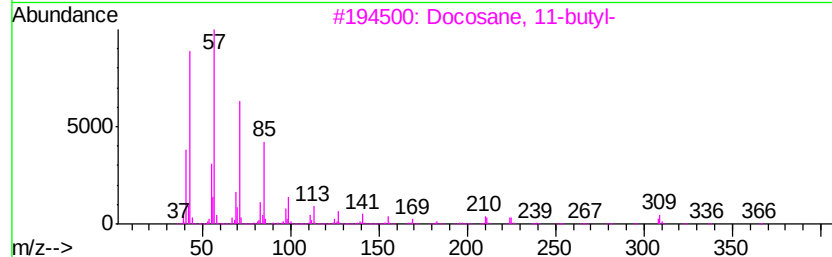
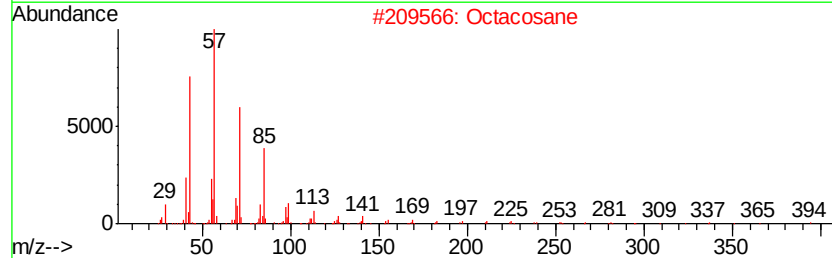
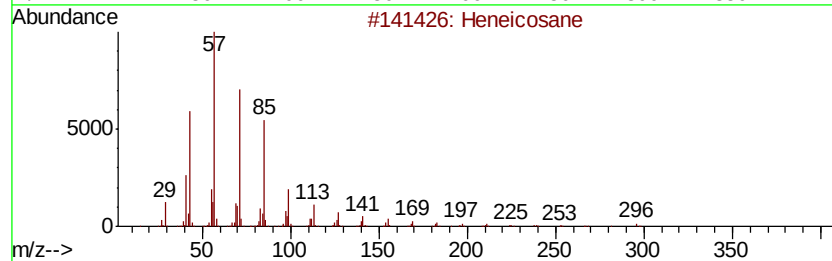
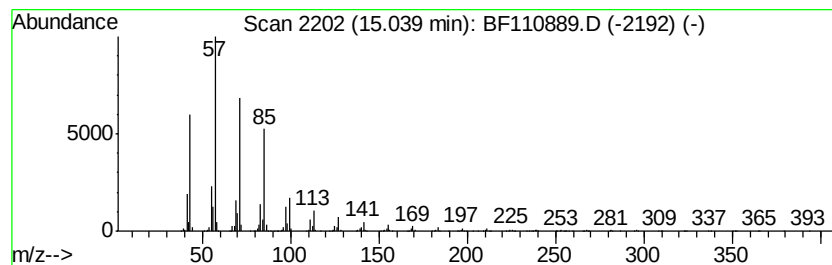
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Docosane, 11-butyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.04	273.20 ng	6288210	Perylene-d12	15.67

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	91
2		Octacosane	394	C28H58	000630-02-4	91
3		Docosane, 11-butyl-	366	C26H54	013475-76-8	91
4		Eicosane, 7-hexyl-	366	C26H54	055333-99-8	90
5		Tetratetracontane	619	C44H90	007098-22-8	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112018\
Data File : BF110889.D
Acq On : 20 Nov 2018 12:56
Operator : JU/SJ
Sample : J5993-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
20180926-WCC-2-COMPOSITE

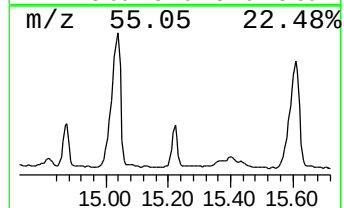
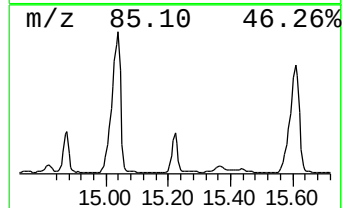
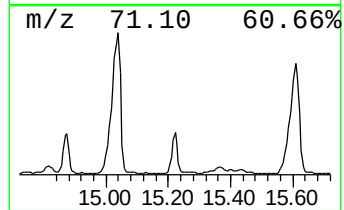
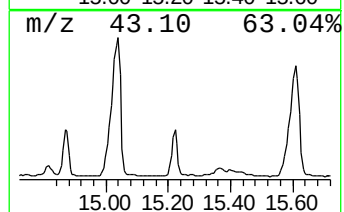
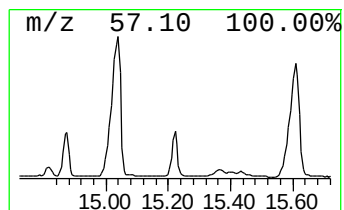
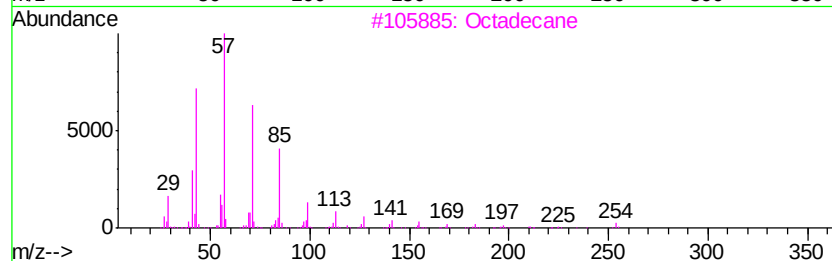
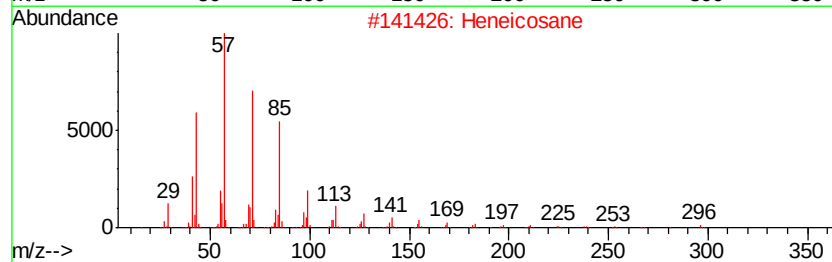
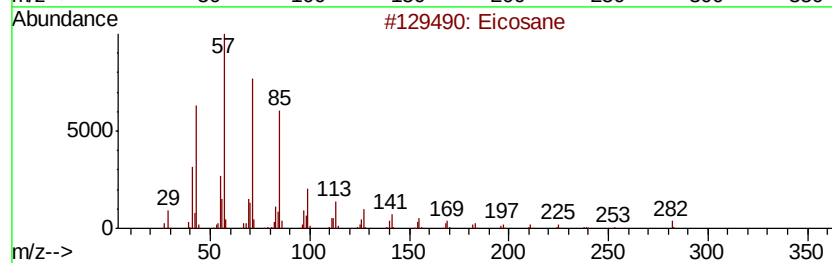
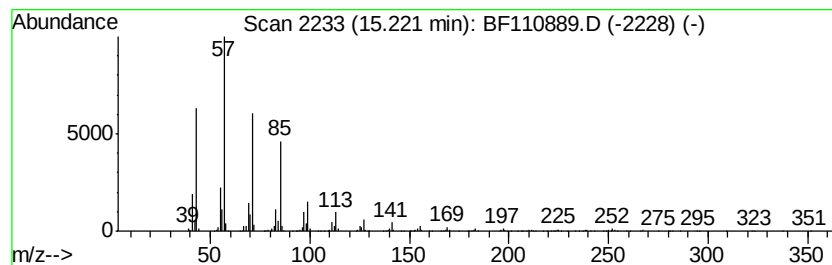
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Eicosane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.22	49.95 ng	1149790	Perylene-d12	15.67

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	95
2		Heneicosane	296	C21H44	000629-94-7	91
3		Octadecane	254	C18H38	000593-45-3	90
4		Triacontane	422	C30H62	000638-68-6	90
5		Pentadecane	212	C15H32	000629-62-9	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112018\
Data File : BF110889.D
Acq On : 20 Nov 2018 12:56
Operator : JU/SJ
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ALS Vial : 5 Sample Multiplier: 1

Instrument :
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ClientSampleId :
20180926-WCC-2-COMPOSITE

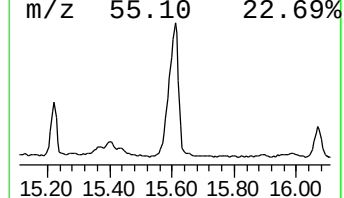
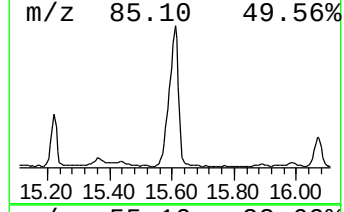
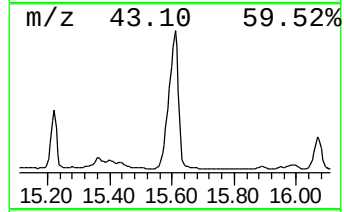
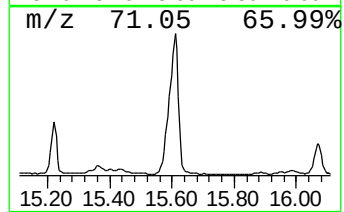
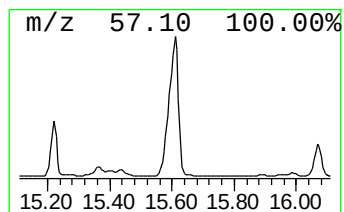
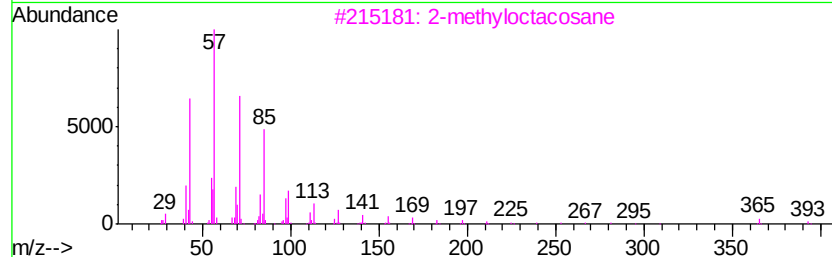
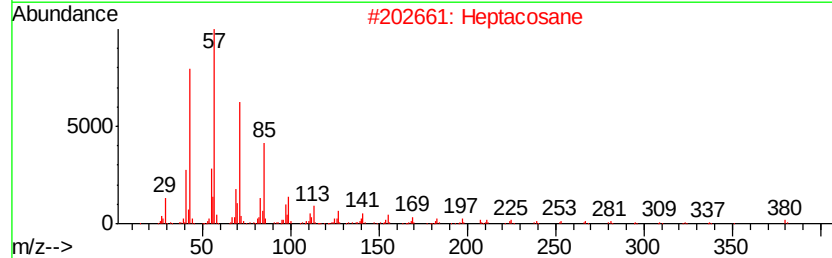
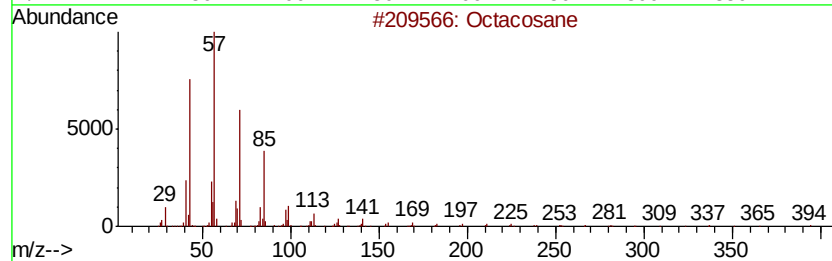
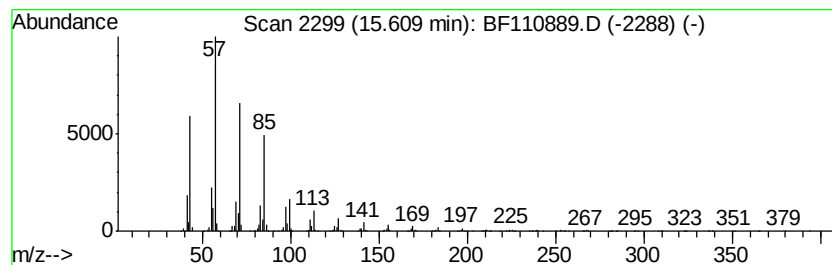
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Heptacosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.61	227.39 ng	5233680	Perylene-d12	15.67

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octacosane	394	C28H58	000630-02-4	91
2		Heptacosane	380	C27H56	000593-49-7	91
3		2-methyloctacosane	408	C29H60	1000376-72-8	91
4		Docosane, 11-butyl-	366	C26H54	013475-76-8	91
5		Heneicosane	296	C21H44	000629-94-7	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112018\
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Acq On : 20 Nov 2018 12:56
Operator : JU/SJ
Sample : J5993-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

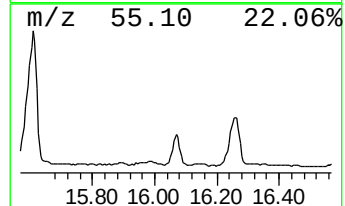
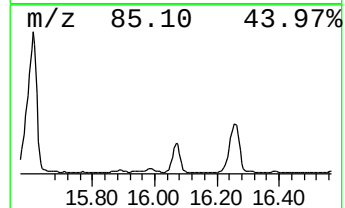
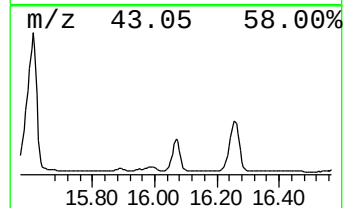
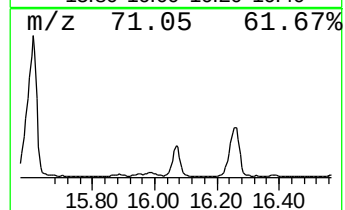
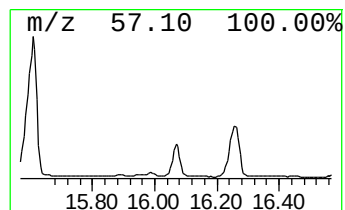
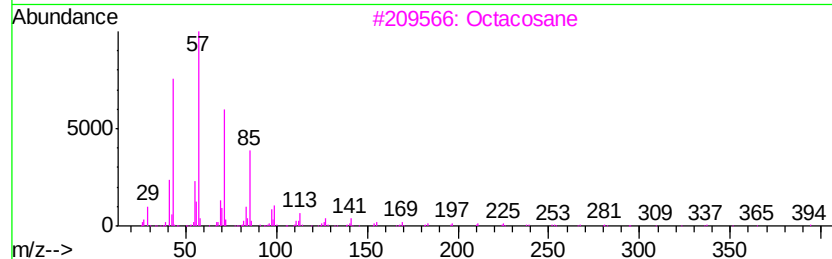
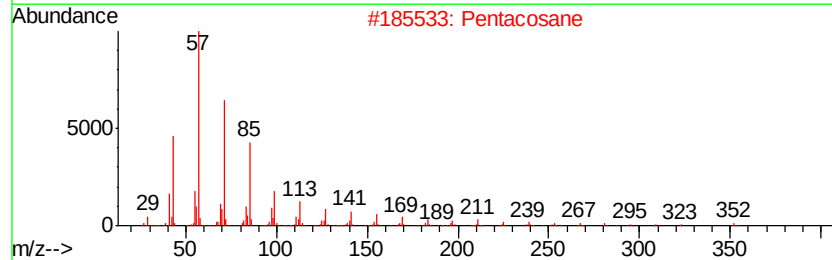
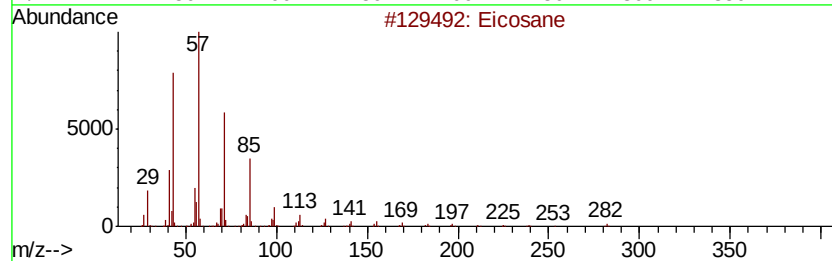
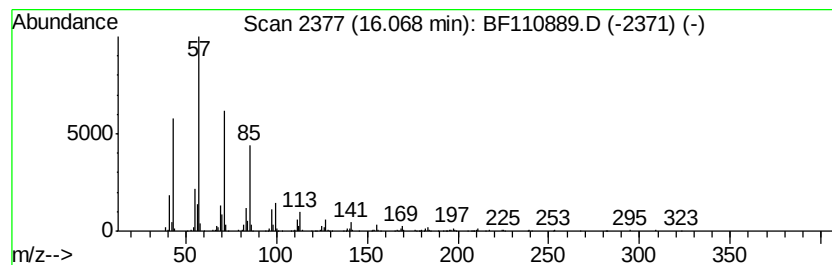
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Pentacosane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.07	40.72 ng	937357	Perylene-d12	15.67
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Eicosane	282 C20H42	000112-95-8	93
2	Pentacosane	352 C25H52	000629-99-2	91
3	Octacosane	394 C28H58	000630-02-4	91
4	Heptacosane	380 C27H56	000593-49-7	91
5	Hexacosane	366 C26H54	000630-01-3	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112018\
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Acq On : 20 Nov 2018 12:56
Operator : JU/SJ
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Instrument :
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ClientSampleId :
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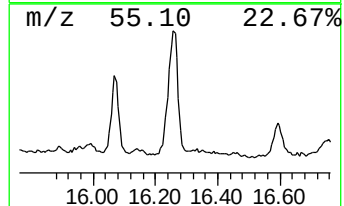
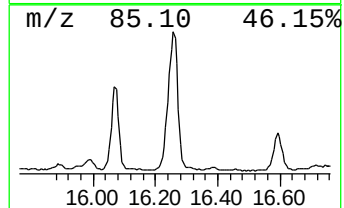
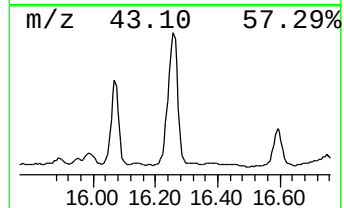
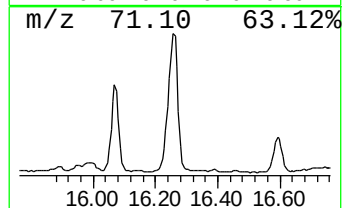
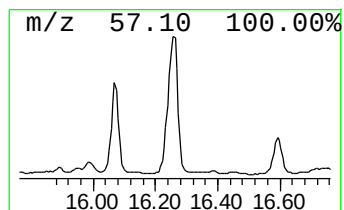
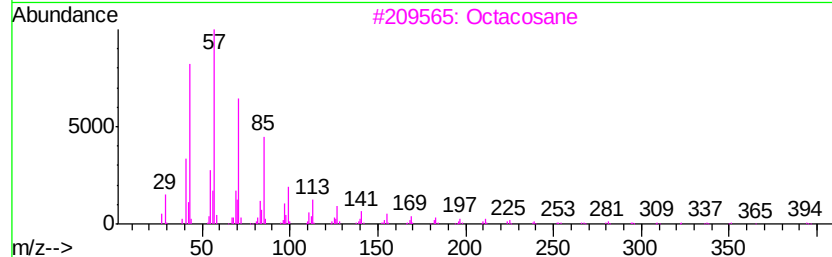
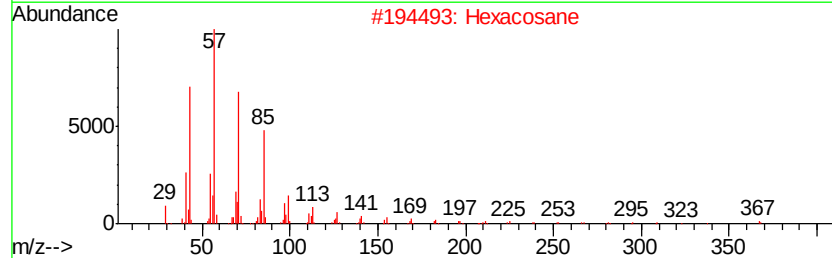
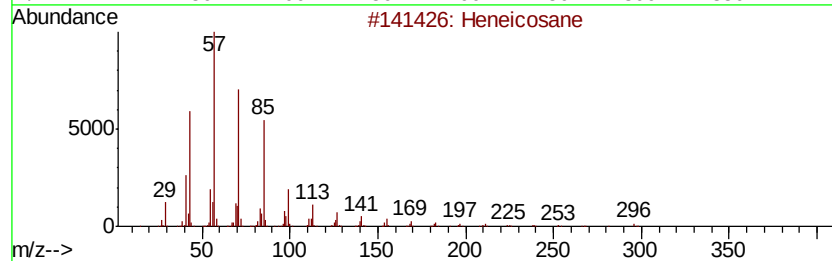
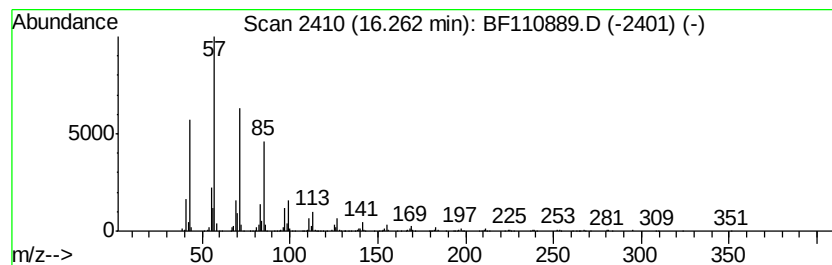
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 17 Tetratetracontane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.26	82.59 ng	1901010	Perylene-d12	15.67

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		Octacosane	394	C28H58	000630-02-4	91
4		2-methyloctacosane	408	C29H60	1000376-72-8	91
5		Tetratetracontane	619	C44H90	007098-22-8	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112018\
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Acq On : 20 Nov 2018 12:56
Operator : JU/SJ
Sample : J5993-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

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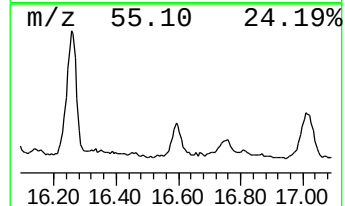
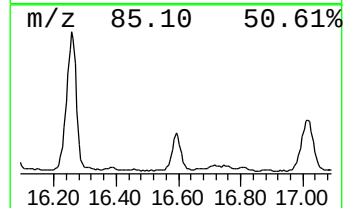
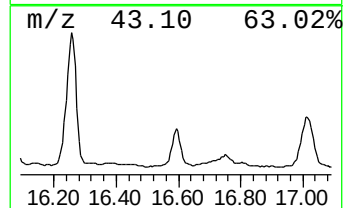
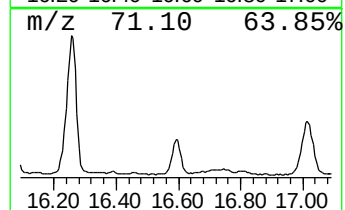
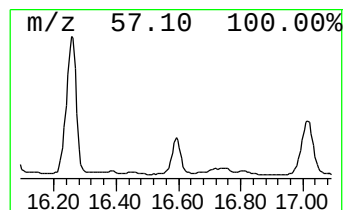
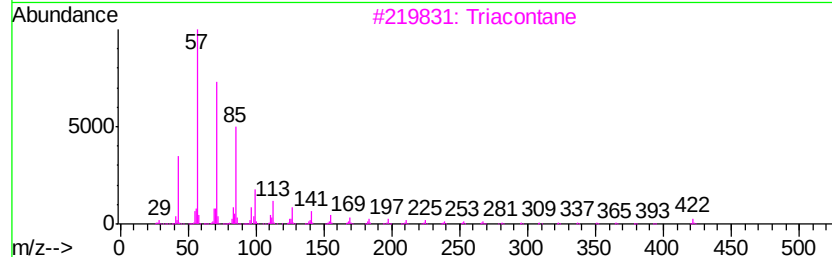
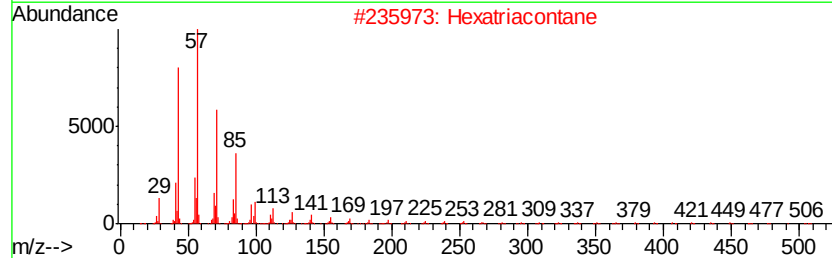
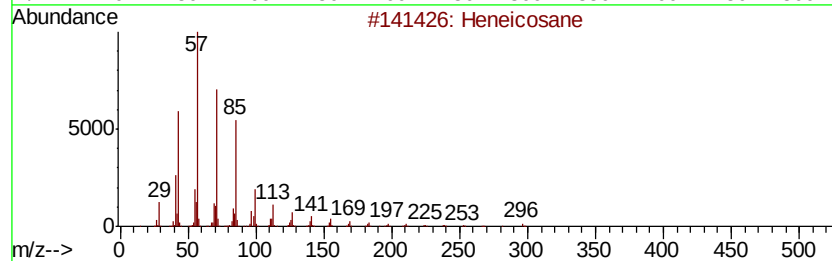
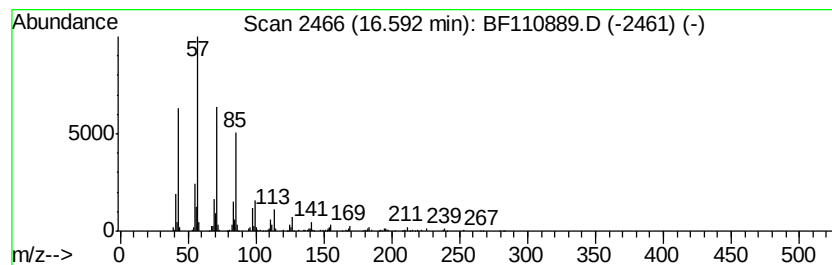
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Hexatriacontane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.59	19.61 ng	451430	Perylene-d12	15.67

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	91
2		Hexatriacontane	507	C36H74	000630-06-8	91
3		Triacontane	422	C30H62	000638-68-6	91
4		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
5		Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112018\
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 Operator : JU/SJ
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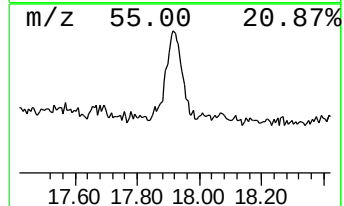
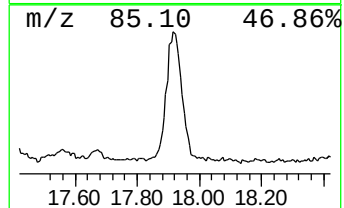
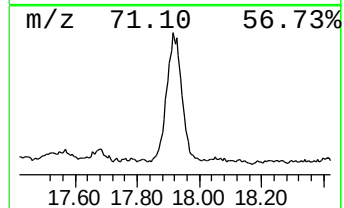
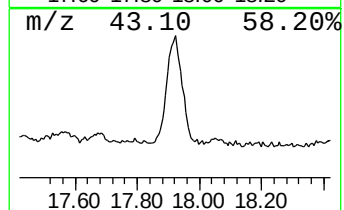
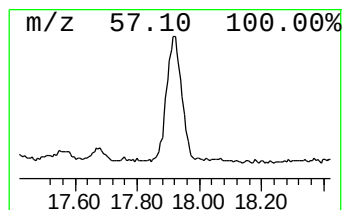
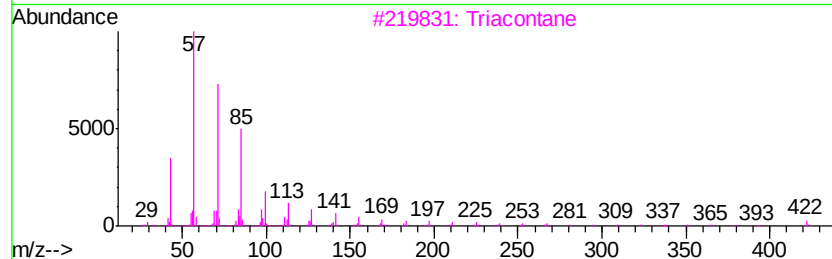
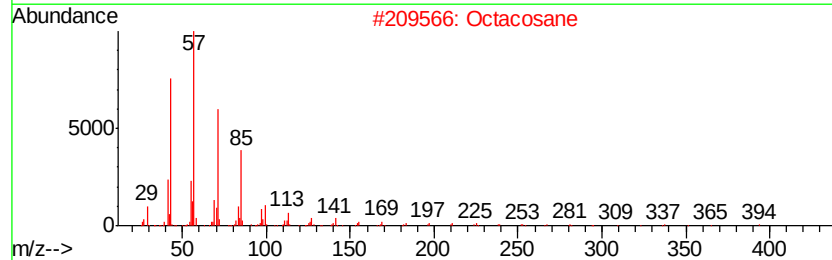
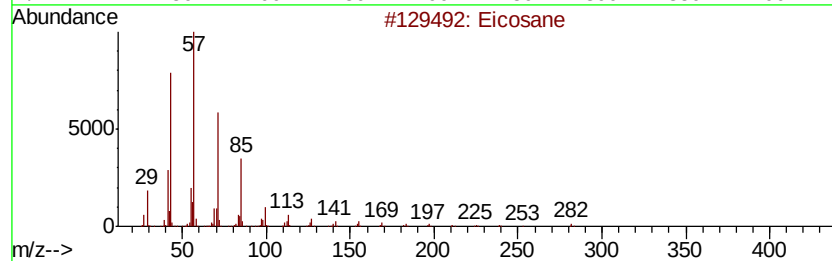
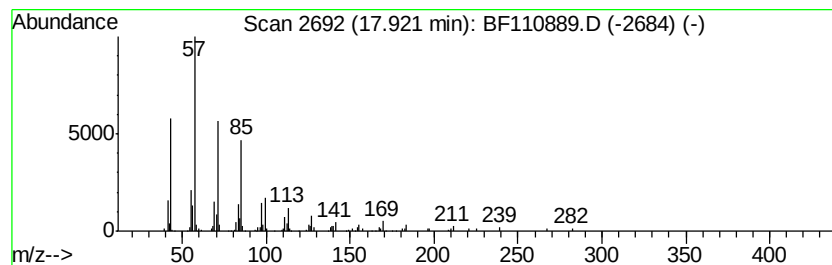
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TIC Library : C:\DATABASE\NIST11.L
 TIC Integration Parameters: LSCINT.P

 Peak Number 20 Docosane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.92	21.82 ng	502287	Perylene-d12	15.67

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	94
2		Octacosane	394	C28H58	000630-02-4	91
3		Triacontane	422	C30H62	000638-68-6	91
4		Docosane	310	C22H46	000629-97-0	91
5		Heneicosane	296	C21H44	000629-94-7	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF112018\
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 Acq On : 20 Nov 2018 12:56
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 Sample : J5993-02
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

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

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
unknown6.71	6.71	77.9	ng	1511360	1	6.94	387920	20.0
n-Hexadecanoic acid	11.99	55.1	ng	1572070	4	11.48	570916	20.0
Octadecane, 2-met...	12.55	81.7	ng	2332270	4	11.48	570916	20.0
Octadecanoic acid	12.77	76.1	ng	2173470	4	11.48	570916	20.0
9-Octadecenamide,...	13.30	17.3	ng	351791	5	14.13	406986	20.0
Eicosane, 10-methyl-	13.37	212.1	ng	4316040	5	14.13	406986	20.0
Octacosane	14.00	285.4	ng	5808300	5	14.13	406986	20.0
Tridecane, 6-propyl-	14.25	14.4	ng	291959	5	14.13	406986	20.0
triacontane	14.53	340.3	ng	6924140	5	14.13	406986	20.0
Heneicosane	14.56	26.6	ng	540546	5	14.13	406986	20.0
Tetracosane	14.87	56.5	ng	1150140	5	14.13	406986	20.0
Docosane, 11-butyl-	15.04	273.2	ng	6288210	6	15.67	460337	20.0
Eicosane	15.22	50.0	ng	1149790	6	15.67	460337	20.0
Heptacosane	15.61	227.4	ng	5233680	6	15.67	460337	20.0
Pentacosane	16.07	40.7	ng	937357	6	15.67	460337	20.0
Tetratetracontane	16.26	82.6	ng	1901010	6	15.67	460337	20.0
Hexatriacontane	16.59	19.6	ng	451430	6	15.67	460337	20.0
Docosane	17.92	21.8	ng	502287	6	15.67	460337	20.0