

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120817\
 Data File : BF101245.D
 Acq On : 8 Dec 2017 19:31
 Operator : SJ/JU
 Sample : I6684-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BU-01-120617

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:\HPCHEM1\BNA_F\METHODS\8270-BF113017.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.051	501	504	516	rBB	59132	78923	1.91%	0.317%
2	5.445	567	571	587	rBV	1077363	1030064	24.99%	4.137%
3	6.463	739	744	762	rVB	1052808	1080047	26.21%	4.338%
4	6.598	762	767	770	rBV	1267050	1100679	26.71%	4.421%
5	6.822	802	805	812	rBB	322392	275310	6.68%	1.106%
6	6.981	828	832	835	rBV	976600	796659	19.33%	3.200%
7	7.392	897	902	905	rBV	730654	640302	15.54%	2.572%
8	8.104	1020	1023	1026	rBV	398655	356429	8.65%	1.432%
9	9.181	1202	1206	1209	rBV	1248801	1052181	25.53%	4.226%
10	9.251	1215	1218	1221	rBV	45793	41805	1.01%	0.168%
11	9.575	1270	1273	1276	rBV	141435	110796	2.69%	0.445%
12	9.786	1304	1309	1313	rVB	85496	73287	1.78%	0.294%
13	9.863	1317	1322	1325	rBV2	462590	381747	9.26%	1.533%
14	10.286	1387	1394	1396	rBV	104294	100038	2.43%	0.402%
15	10.657	1453	1457	1460	rBV	758752	629886	15.28%	2.530%
16	10.757	1471	1474	1483	rBV	100126	111848	2.71%	0.449%
17	11.204	1546	1550	1553	rBV2	78080	62611	1.52%	0.251%
18	11.351	1572	1575	1578	rBV	368282	374283	9.08%	1.503%
19	11.380	1578	1580	1583	rVV	299533	237330	5.76%	0.953%
20	11.427	1585	1588	1591	rVV	85083	66621	1.62%	0.268%
21	11.739	1637	1641	1644	rBV	1992074	1775522	43.08%	7.131%
22	11.857	1657	1661	1662	rBV	54419	50935	1.24%	0.205%
23	11.880	1662	1665	1669	rVB	86031	99150	2.41%	0.398%
24	11.969	1677	1680	1682	rBV2	86518	90278	2.19%	0.363%
25	12.151	1707	1711	1714	rVB2	53063	57033	1.38%	0.229%
26	12.433	1750	1759	1761	rBV	3097105	4121332	100.00%	16.553%
27	12.457	1761	1763	1768	rVV2	3246377	3034410	73.63%	12.188%
28	12.498	1768	1770	1772	rVV2	57591	52207	1.27%	0.210%
29	12.533	1772	1776	1779	rVB	881118	716598	17.39%	2.878%
30	12.574	1779	1783	1786	rBV	742858	623044	15.12%	2.502%
31	12.763	1811	1815	1816	rBV3	32595	44087	1.07%	0.177%
32	12.804	1816	1822	1828	rVB	624934	661818	16.06%	2.658%
33	12.939	1838	1845	1848	rBV	843444	807447	19.59%	3.243%
34	13.027	1853	1860	1863	rBV2	65217	122565	2.97%	0.492%

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35	13.127	1869	1877	1880	rBV3	126156	228926	5.55%	0.919%
36	13.192	1887	1888	1891	rVB	56165	45136	1.10%	0.181%
37	13.233	1891	1895	1897	rBV2	72351	92713	2.25%	0.372%
38	13.251	1897	1898	1901	rVB3	69252	52908	1.28%	0.213%
39	13.327	1907	1911	1913	rBV	40939	42015	1.02%	0.169%
40	13.357	1913	1916	1924	rBV3	43520	63897	1.55%	0.257%
41	13.639	1962	1964	1967	rBV	70203	59307	1.44%	0.238%
42	13.686	1967	1972	1978	rVB3	124209	190342	4.62%	0.764%
43	13.751	1979	1983	1985	rBV	82043	80336	1.95%	0.323%
44	13.774	1985	1987	1989	rVV	64395	47588	1.15%	0.191%
45	13.821	1993	1995	1998	rVV3	99207	107582	2.61%	0.432%
46	13.851	1998	2000	2004	rVB	78399	68865	1.67%	0.277%
47	13.921	2008	2012	2017	rBV	79601	79257	1.92%	0.318%
48	13.998	2018	2025	2028	rBV2	477030	712377	17.29%	2.861%
49	14.027	2028	2030	2037	rVB	314710	283480	6.88%	1.139%
50	14.151	2048	2051	2056	rBV4	29346	42225	1.02%	0.170%
51	14.386	2087	2091	2094	rVV	84792	87528	2.12%	0.352%
52	15.045	2198	2203	2213	rBV	263808	530112	12.86%	2.129%
53	15.151	2218	2221	2225	rVB	67430	75032	1.82%	0.301%
54	15.239	2233	2236	2242	rBV3	20155	41362	1.00%	0.166%
55	15.345	2250	2254	2259	rVB	135301	178695	4.34%	0.718%
56	15.410	2261	2265	2269	rVB	202404	243047	5.90%	0.976%
57	15.474	2271	2276	2279	rVV	229013	300464	7.29%	1.207%
58	15.504	2279	2281	2287	rVB2	62275	78425	1.90%	0.315%
59	16.945	2520	2526	2534	rVB2	91903	184388	4.47%	0.741%
60	17.392	2597	2602	2611	rVB	58749	124440	3.02%	0.500%

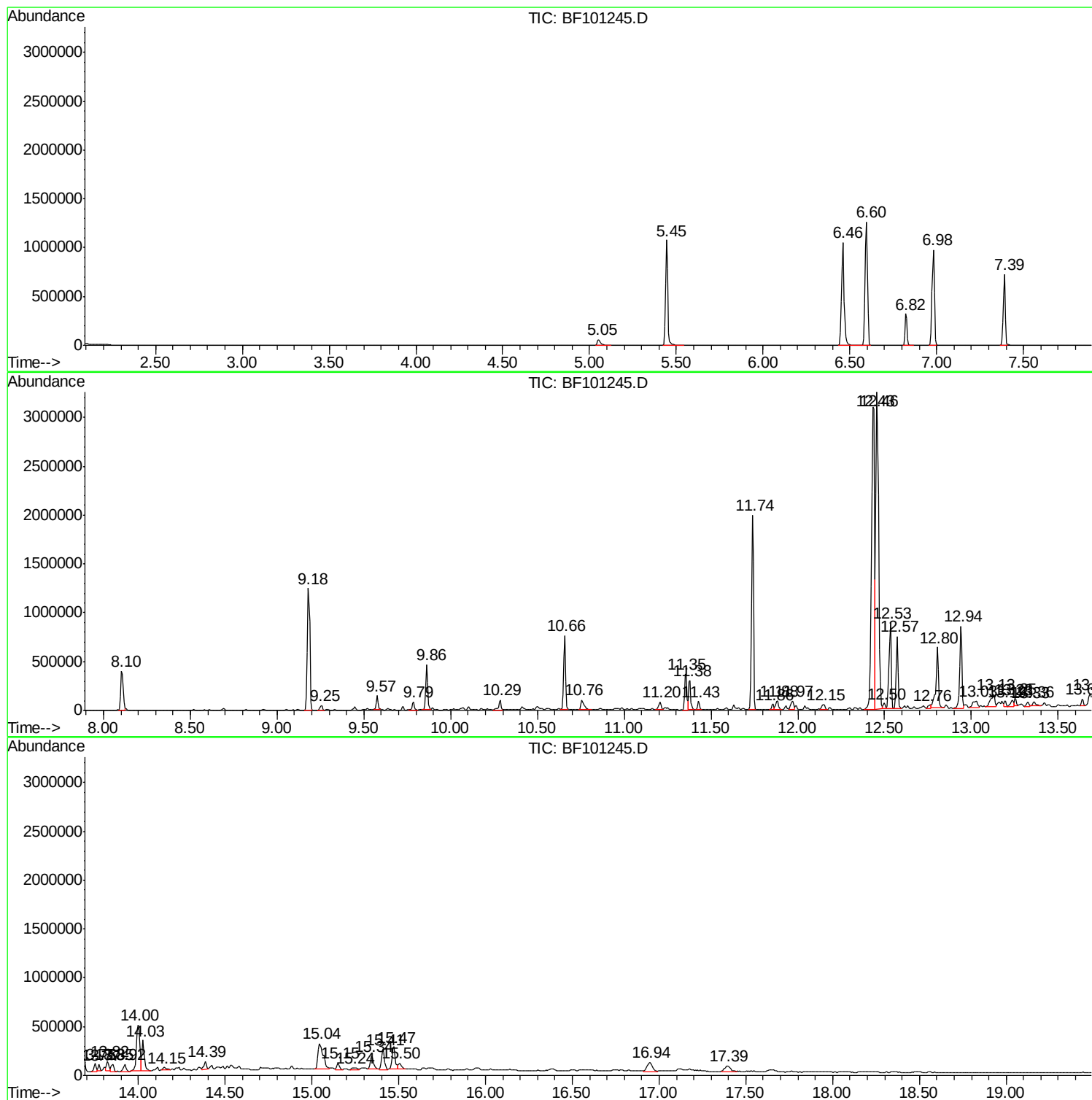
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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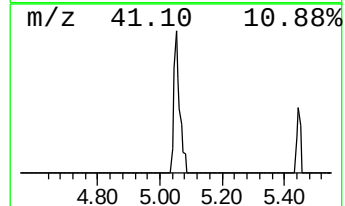
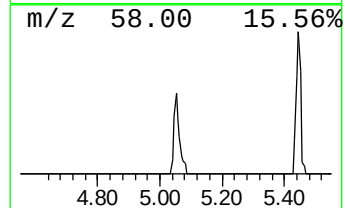
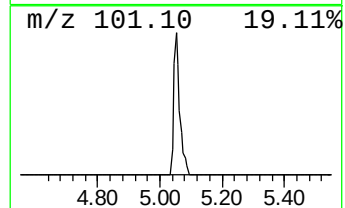
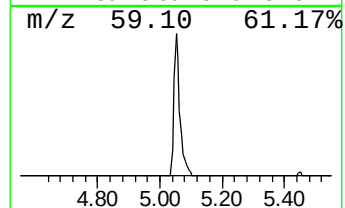
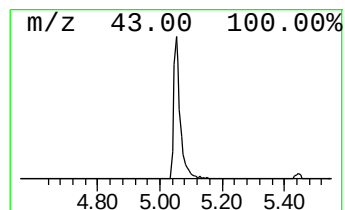
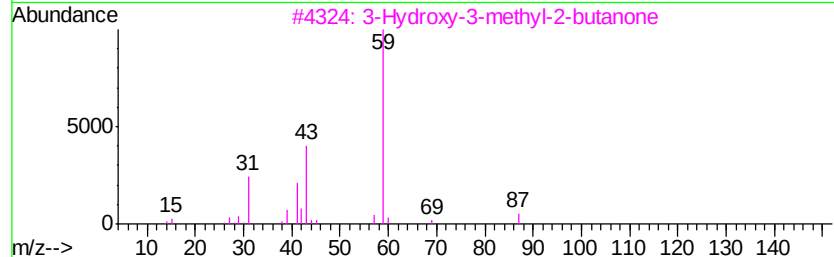
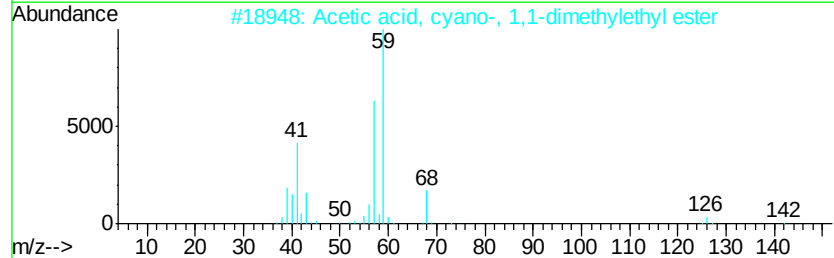
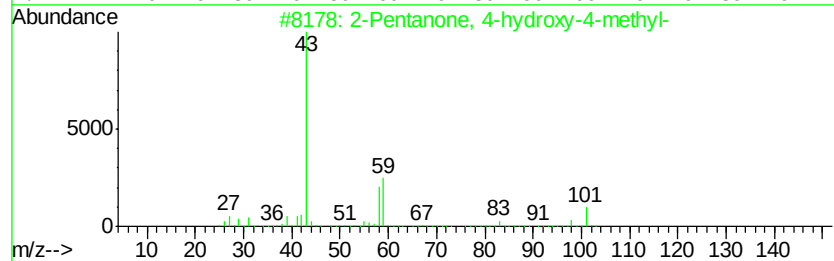
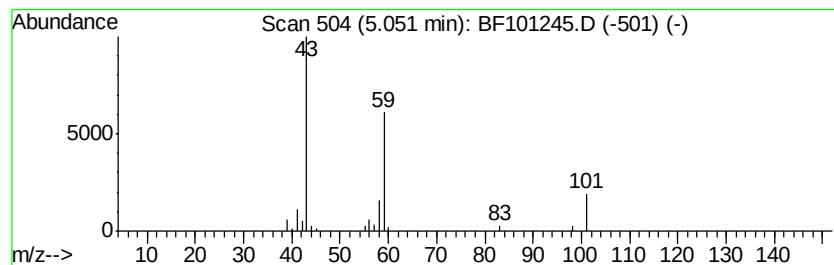
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.05	5.73 ng	78923	1,4-Dichlorobenzene-d4	6.82

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, cyano-, 1,1-dimethyl...	141	C7H11NO2	001116-98-9	23
3			3-Hydroxy-3-methyl-2-butanone	102	C5H10O2	000115-22-0	23
4			2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
5			5-Hexen-2-one	98	C6H10O	000109-49-9	9



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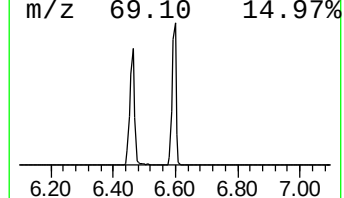
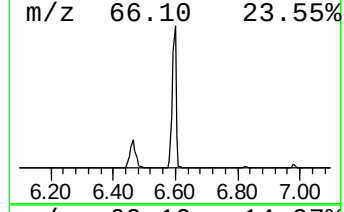
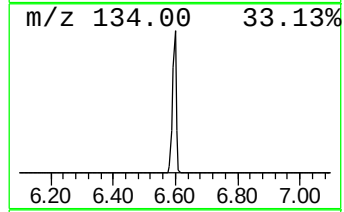
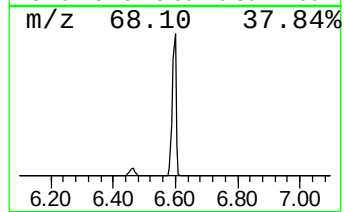
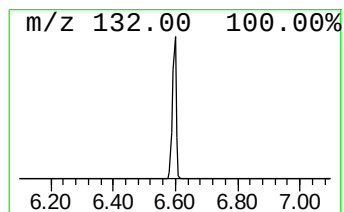
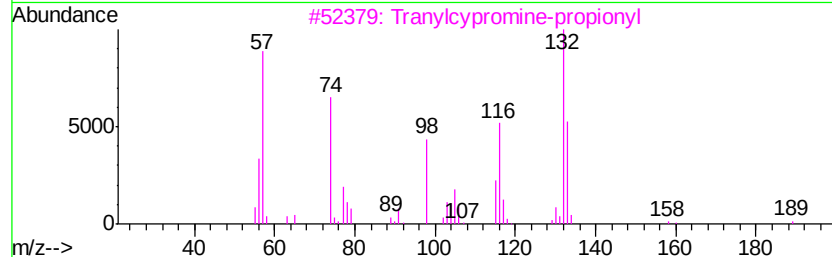
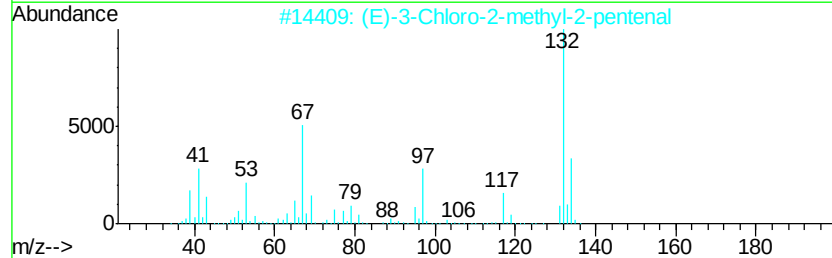
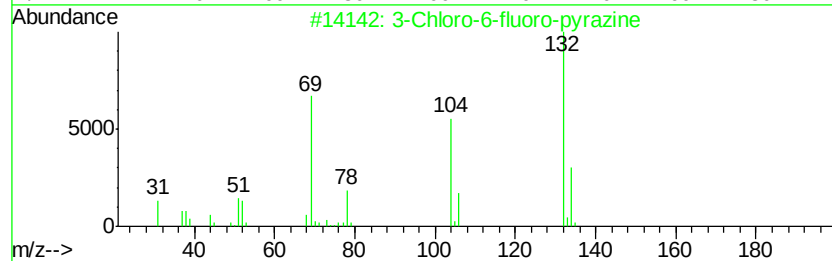
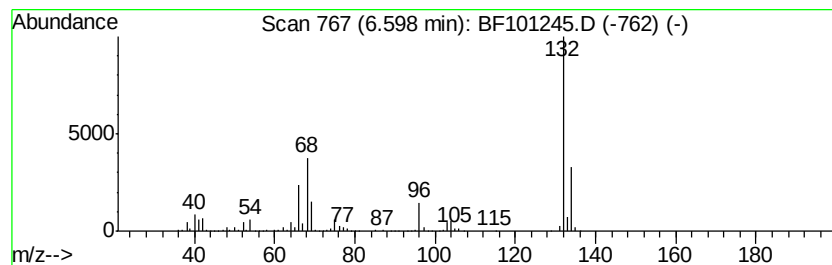
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 2 unknown6.60 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.60	79.96 ng	1100680	1,4-Dichlorobenzene-d4	6.82

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	35
2		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3		Tranvlcyproline-propionyl	189	C12H15NO	1000123-86-3	12
4		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5		4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9



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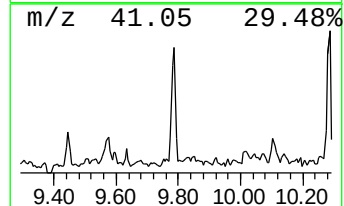
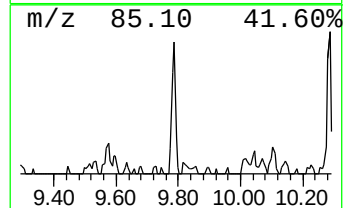
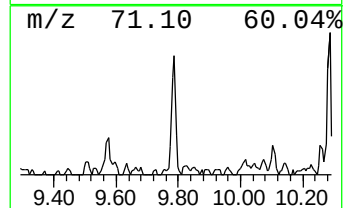
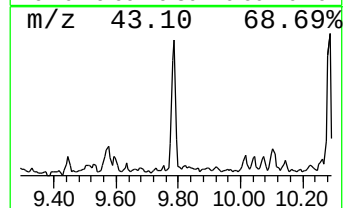
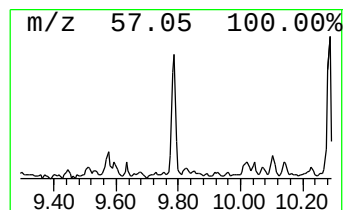
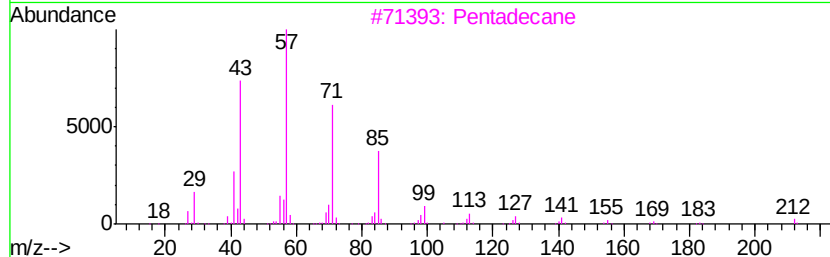
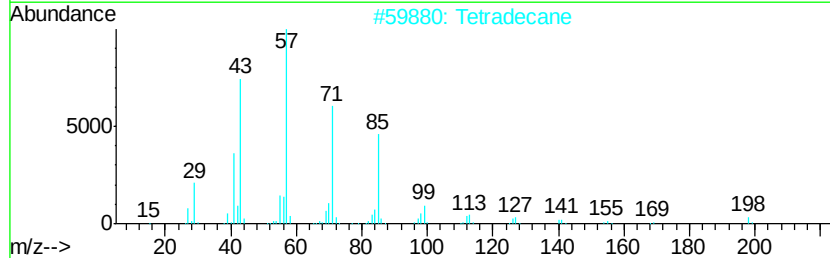
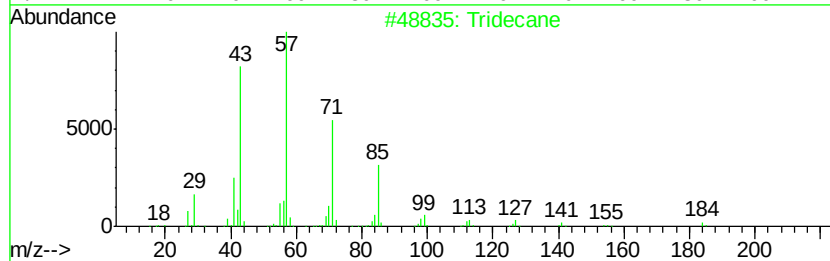
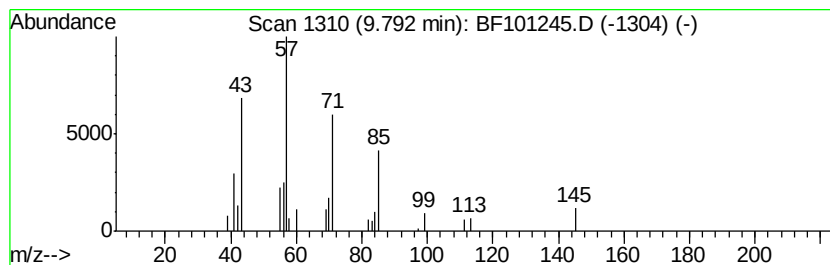
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 4 Tridecane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.	
9.79	3.84 ng	73287	Acenaphthene-d10	9.86	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	90
2	Tetradecane	198	C14H30	000629-59-4	86
3	Pentadecane	212	C15H32	000629-62-9	83
4	Hexadecane	226	C16H34	000544-76-3	80
5	1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	59



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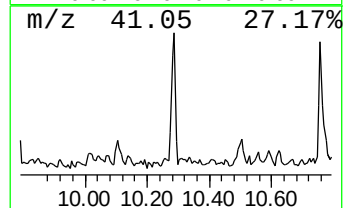
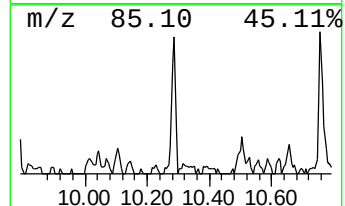
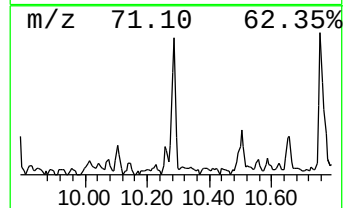
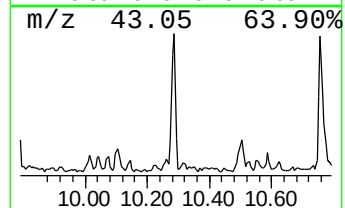
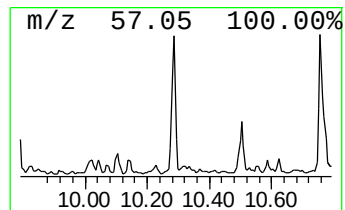
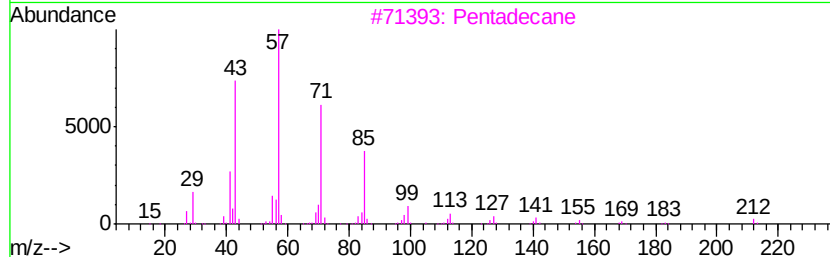
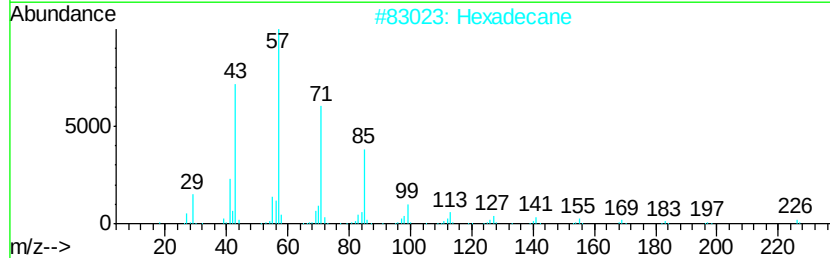
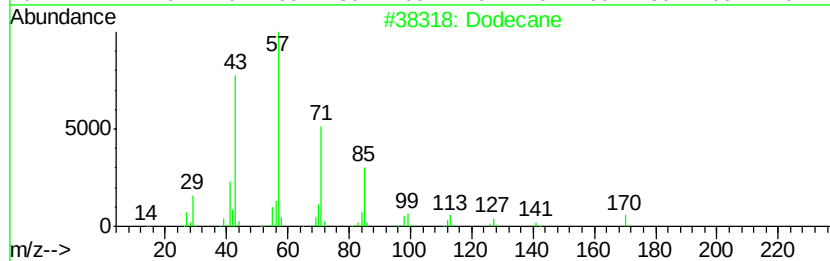
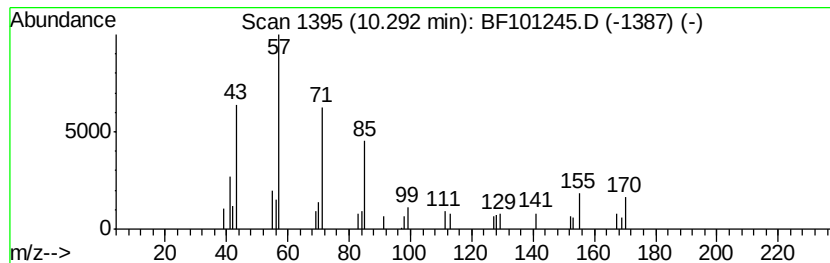
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Dodecane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.29	5.24 ng	100038	Acenaphthene-d10	9.86

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane		170	C12H26	000112-40-3	94
2	Hexadecane		226	C16H34	000544-76-3	86
3	Pentadecane		212	C15H32	000629-62-9	86
4	Octacosane		394	C28H58	000630-02-4	80
5	Tridecane		184	C13H28	000629-50-5	80



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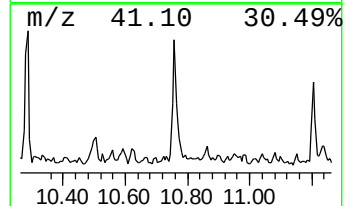
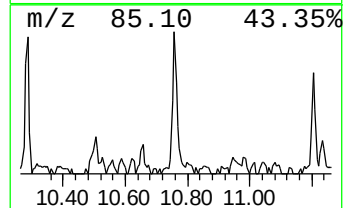
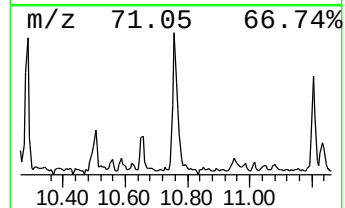
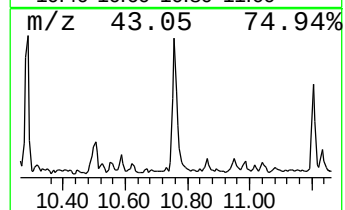
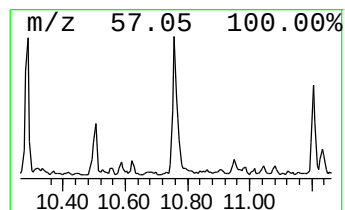
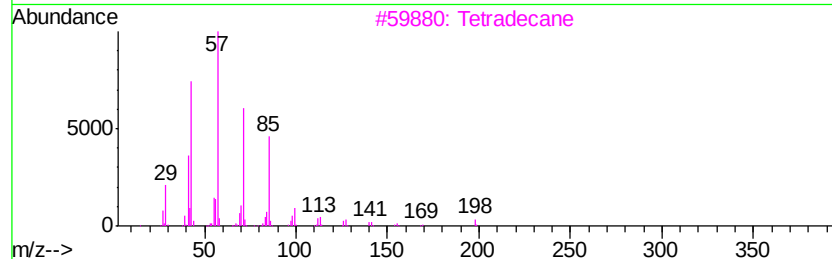
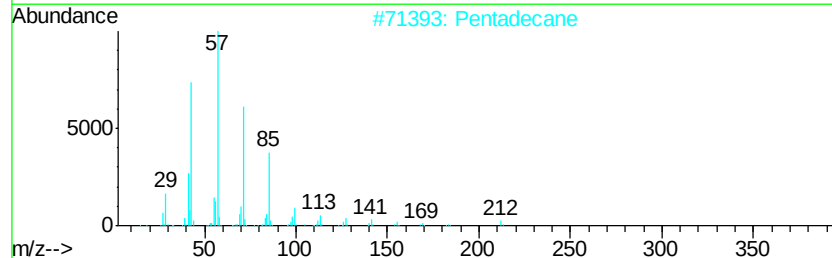
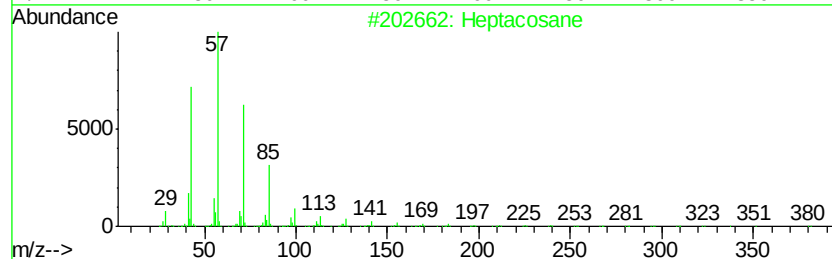
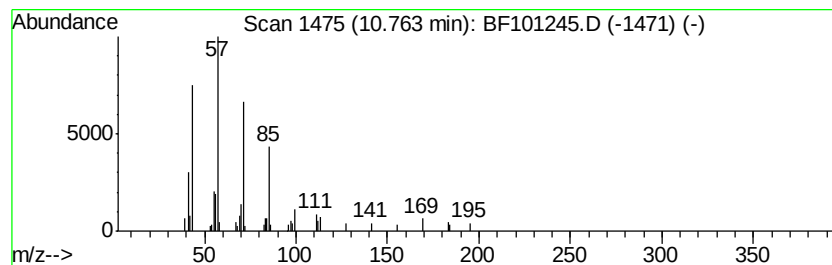
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Heptacosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.76	5.98 ng	111848	Phenanthrene-d10	11.35

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane		380	C27H56	000593-49-7	91
2	Pentadecane		212	C15H32	000629-62-9	87
3	Tetradecane		198	C14H30	000629-59-4	86
4	Octadecane		254	C18H38	000593-45-3	86
5	Dodecane, 2-methyl-6-propyl-		226	C16H34	055045-08-4	86



Data Path : Z:\HPCHEM1\BNA F\DATA\BF120817\
Data File : BF101245.D
Acq On : 8 Dec 2017 19:31
Operator : SJ/JU
Sample : I6684-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
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ClientSampleId :
BU-01-120617

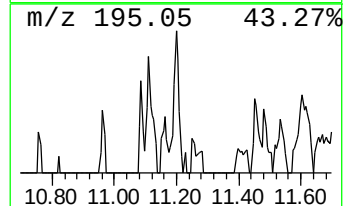
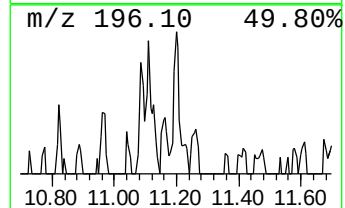
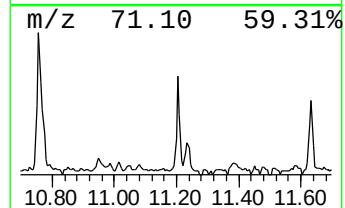
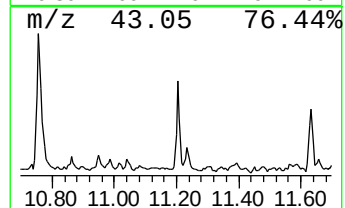
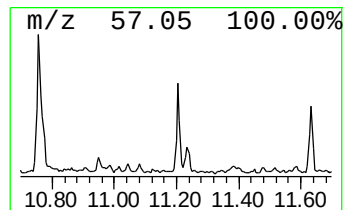
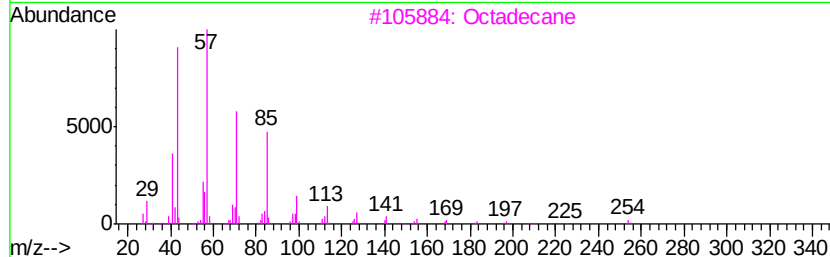
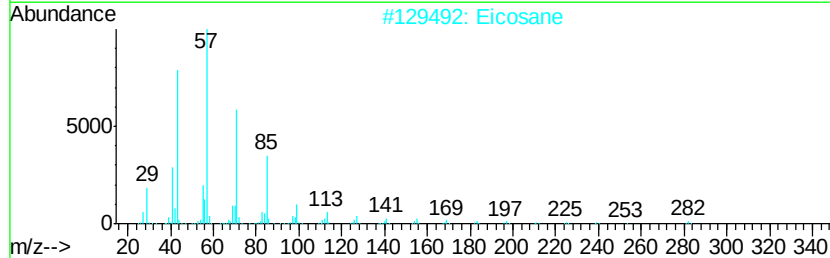
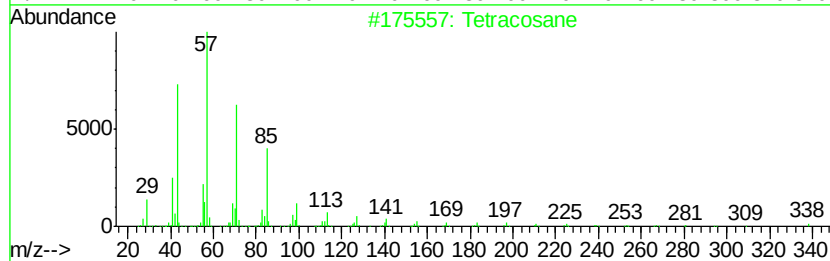
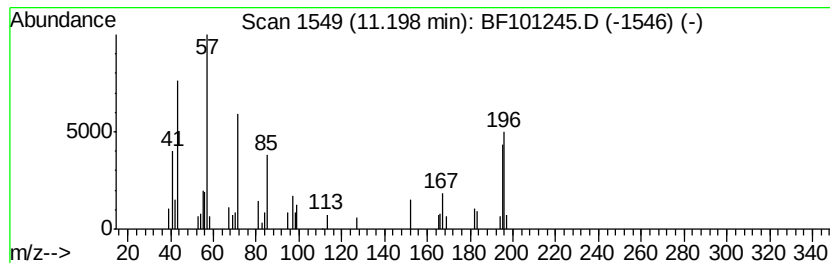
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Tetracosane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.20	3.35 ng	62611	Phenanthrene-d10	11.35

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetracosane	338	C24H50	000646-31-1	76
2		Eicosane	282	C20H42	000112-95-8	68
3		Octadecane	254	C18H38	000593-45-3	68
4		Pentadecane	212	C15H32	000629-62-9	68
5		Octacosane	394	C28H58	000630-02-4	68



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Data File : BF101245.D
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Misc :
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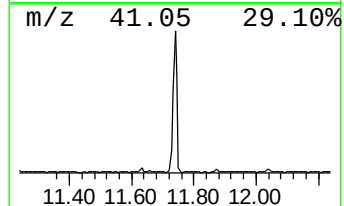
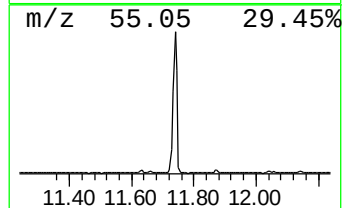
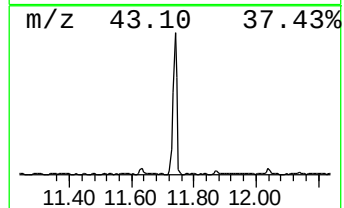
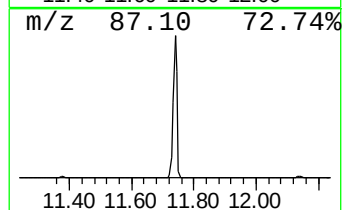
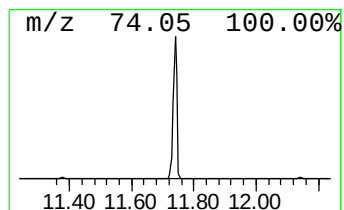
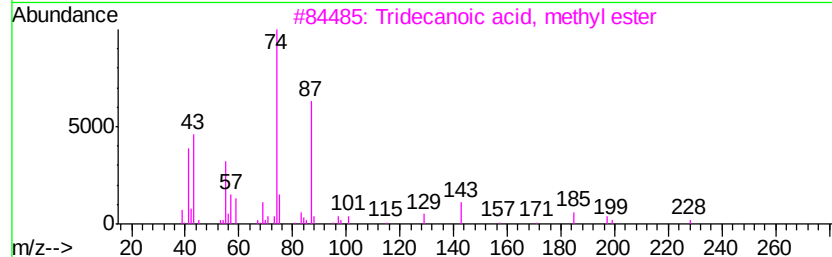
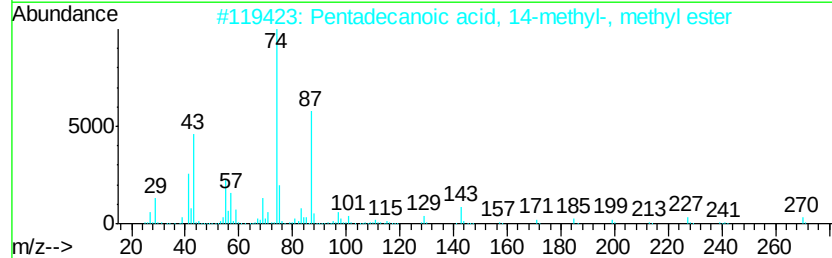
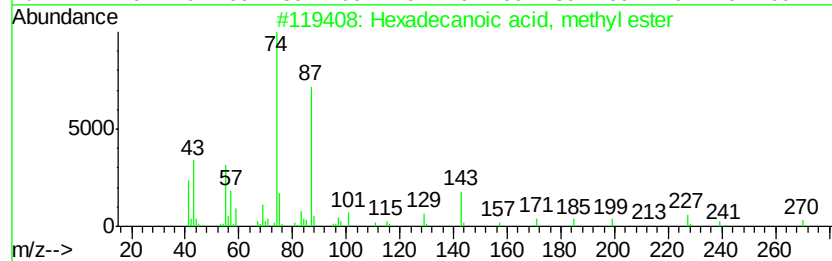
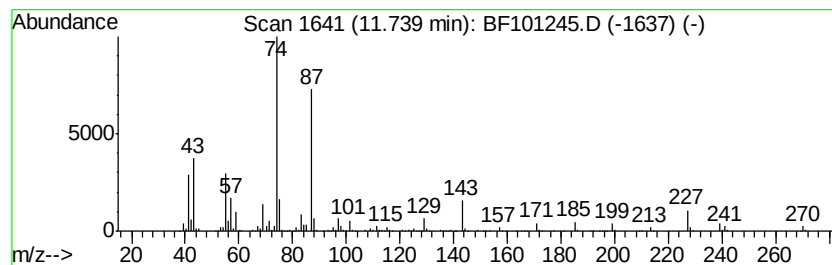
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Hexadecanoic acid, methyl e... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.74	94.88 ng	1775520	Phenanthrene-d10	11.35

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	98
2		Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	93
3		Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	90
4		Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	86
5		Hexadecanoic acid, 2-methyl-	270	C17H34O2	027147-71-3	83



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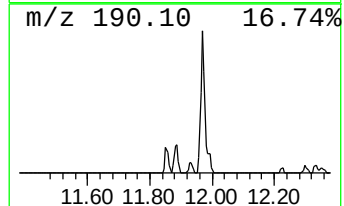
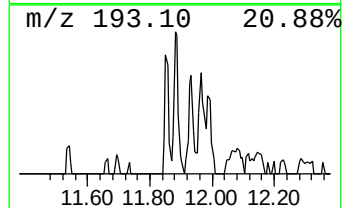
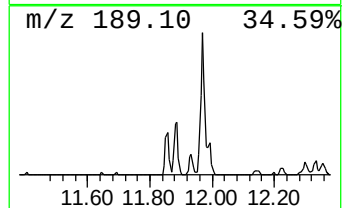
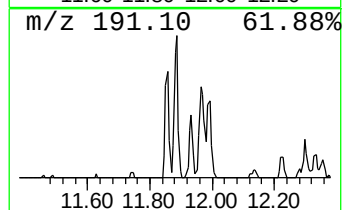
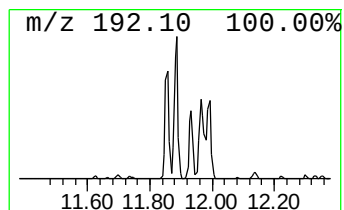
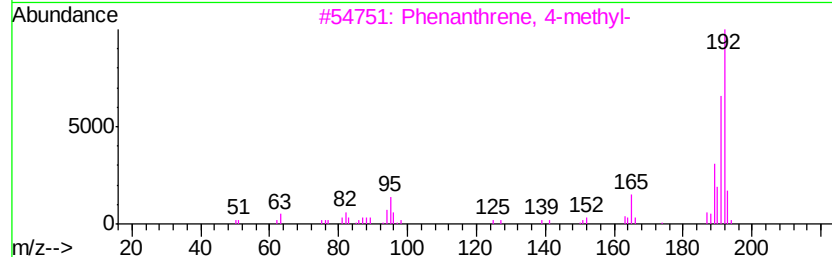
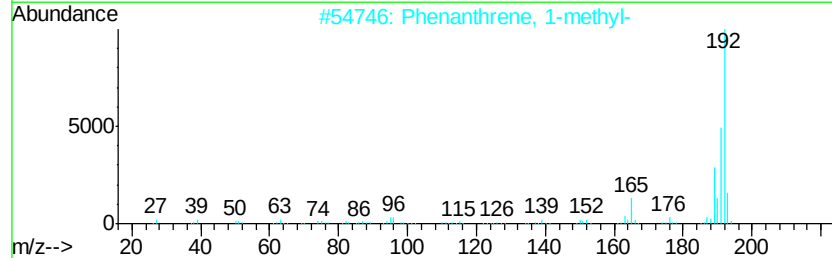
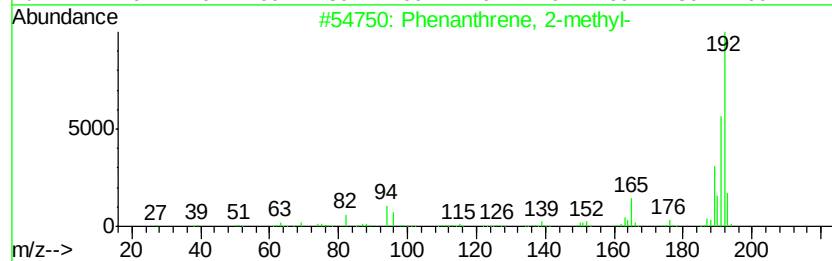
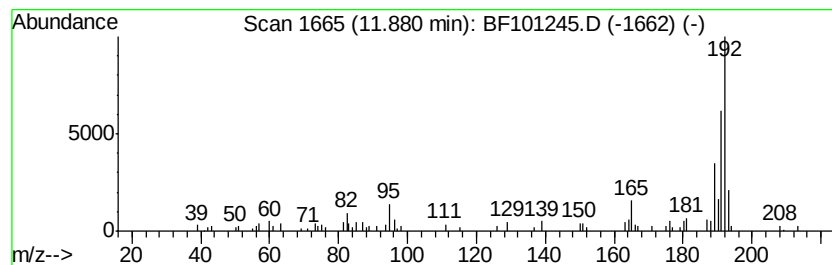
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Phenanthrene, 2-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD		R.T.
11.88	5.30 ng	99150	Phenanthrene-d10		11.35
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94
3	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	93
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	91



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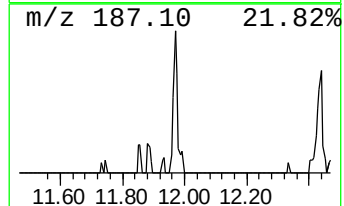
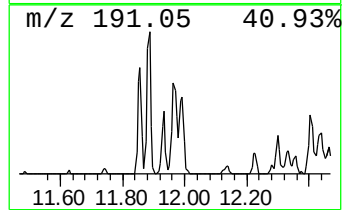
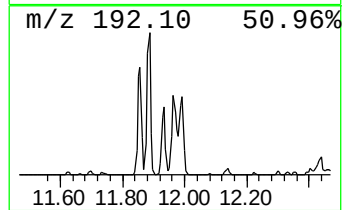
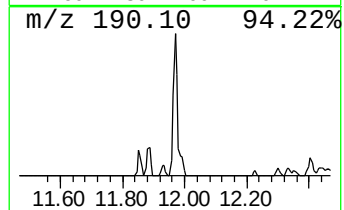
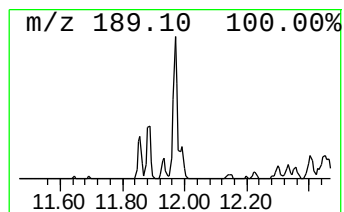
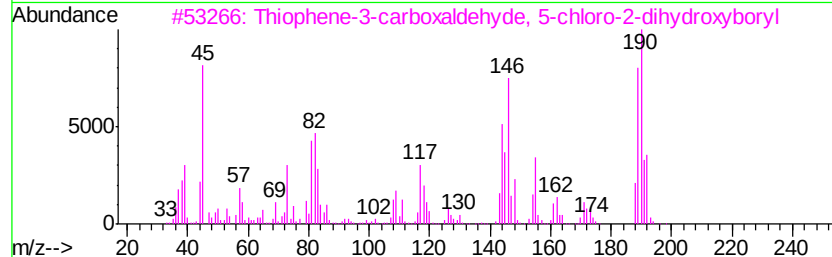
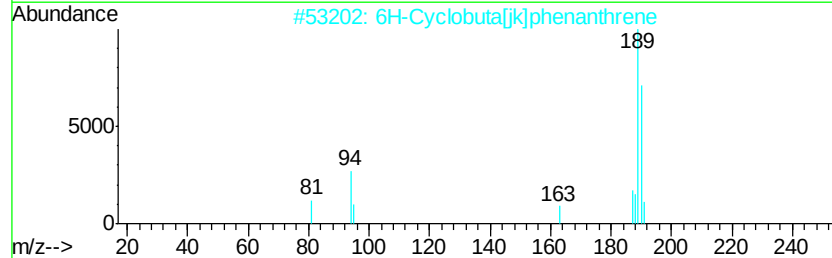
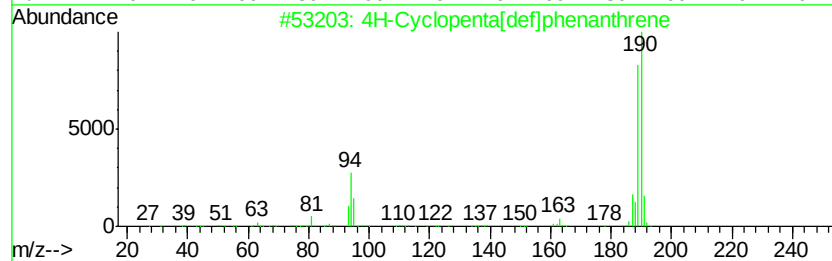
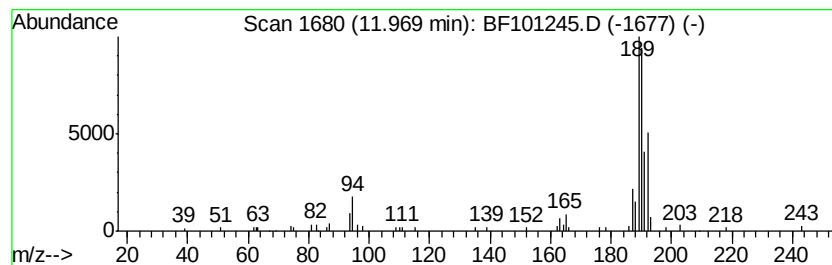
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 4H-Cyclopenta[def]phenanthrene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.		
11.97	4.82 ng	90278	Phenanthrene-d10	11.35		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	68
2		6H-Cyclobuta[ik]phenanthrene	190	C15H10	083469-43-6	53
3		Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	53
4		Carbonic acid, ethyl 2-formyl-4,...	262	C10H8Cl2O4	1000331-34-4	50
5		Methyl diselenide	190	C2H6Se2	007101-31-7	45



Data Path : Z:\HPCHEM1\BNA F\DATA\BF120817\
Data File : BF101245.D
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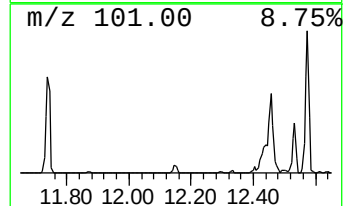
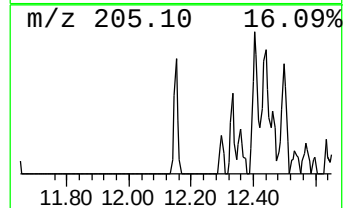
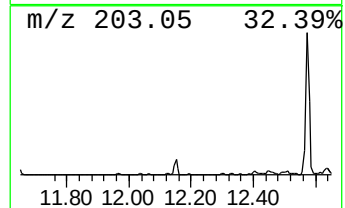
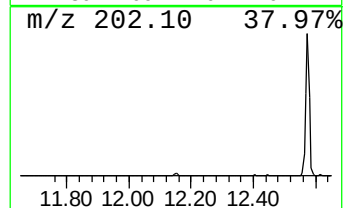
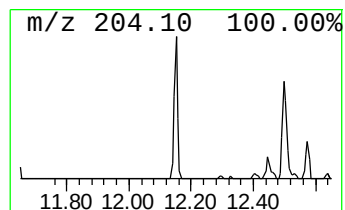
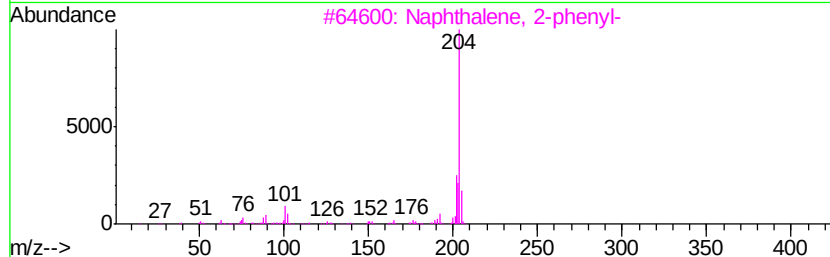
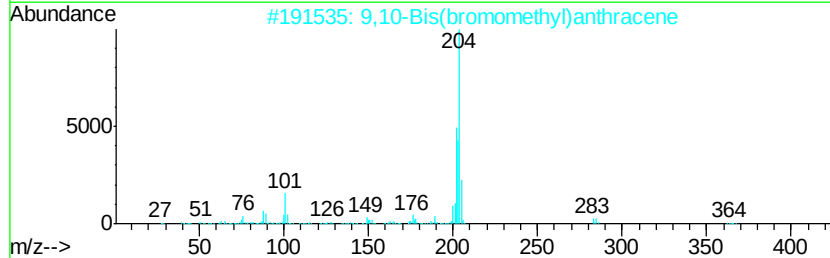
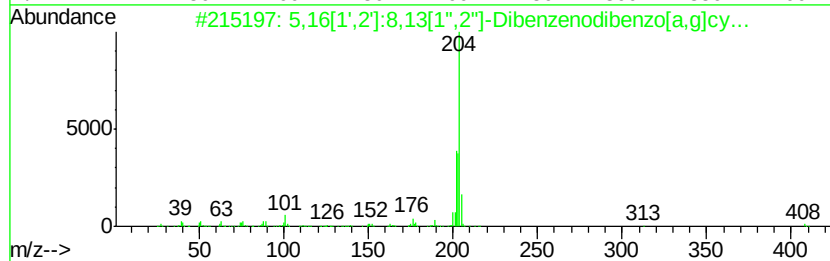
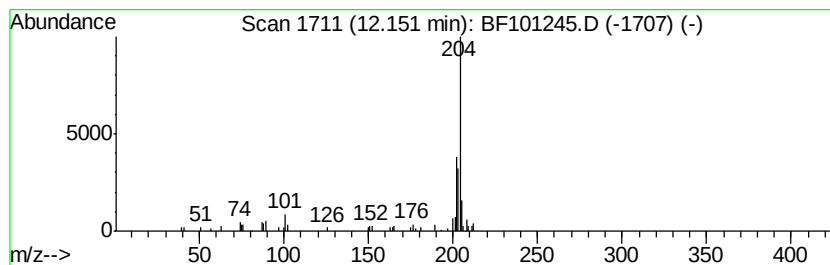
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 5,16[1',2']:8,13[1'',2'']-D... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.15	3.05 ng	57033	Phenanthrene-d10	11.35

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	86
2		9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	78
3		Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	76
4		Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	64
5		[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	52



Data Path : Z:\HPCHEM1\BNA F\DATA\BF120817\
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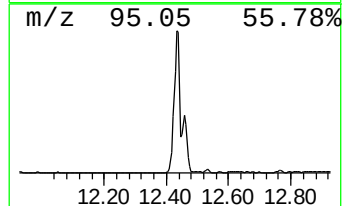
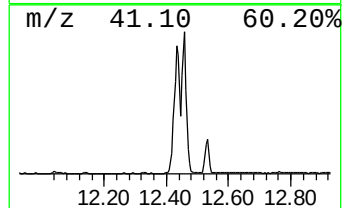
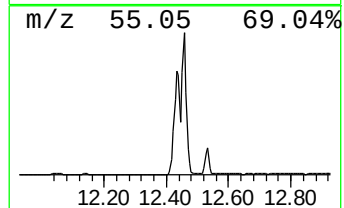
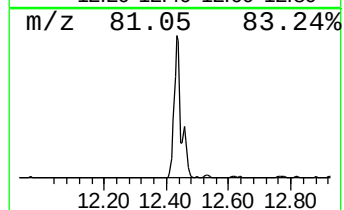
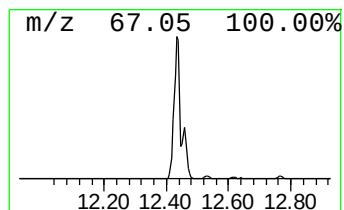
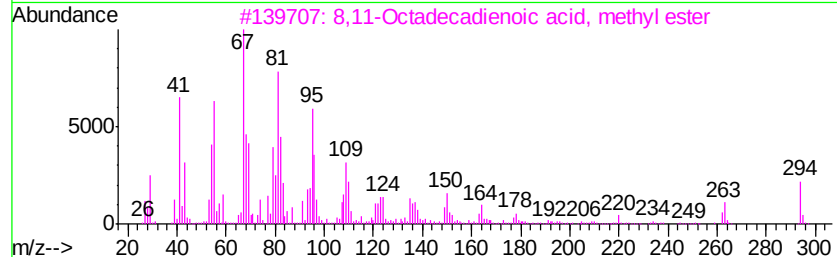
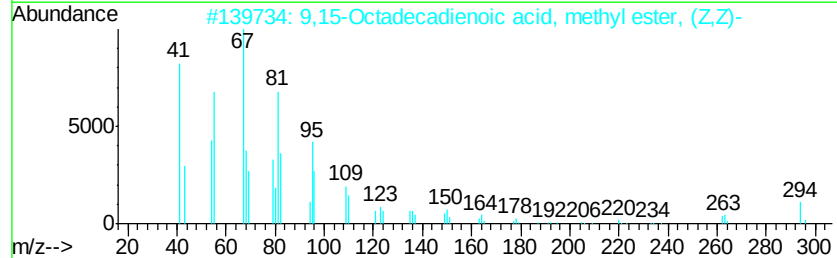
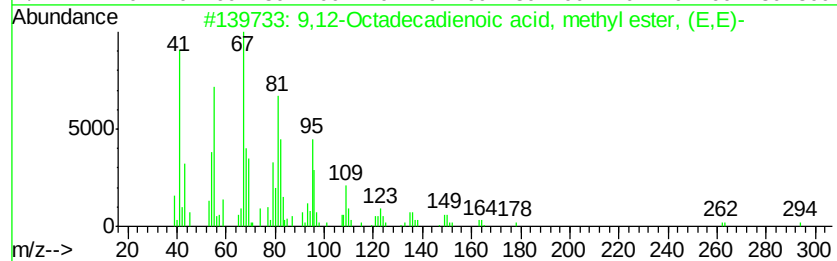
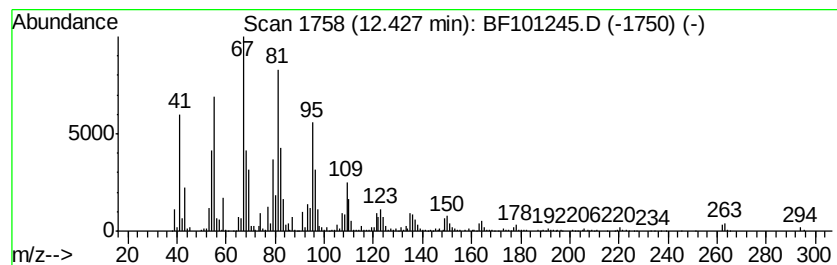
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 9,12-Octadecadienoic acid, ... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.43	220.23 ng	4121330	Phenanthrene-d10	11.35

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	99
2		9,15-Octadecadienoic acid, methy...	294	C19H34O2	017309-05-6	99
3		8,11-Octadecadienoic acid, methy...	294	C19H34O2	056599-58-7	99
4		10,13-Octadecadienoic acid, meth...	294	C19H34O2	056554-62-2	99
5		9,12-Octadecadienoic acid (Z,Z)-...	294	C19H34O2	000112-63-0	99



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ClientSampleId :
BU-01-120617

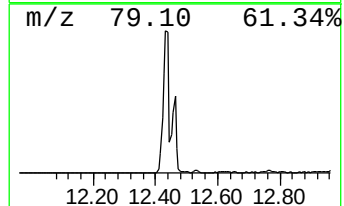
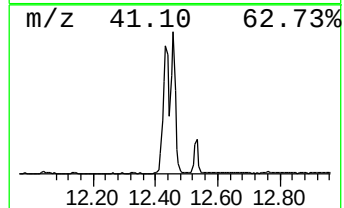
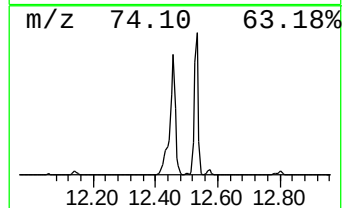
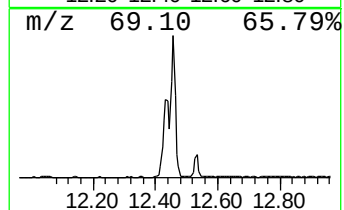
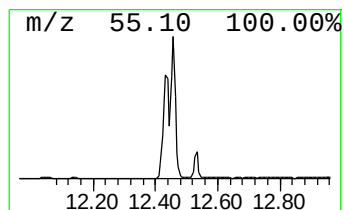
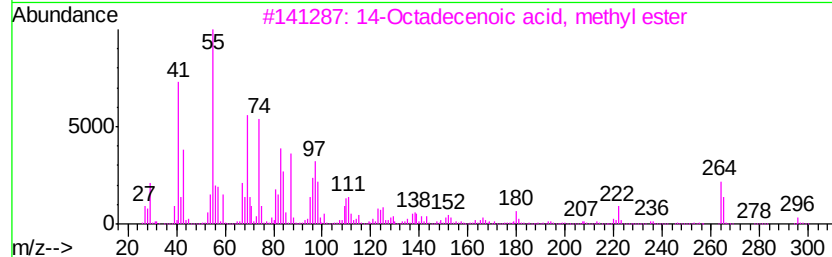
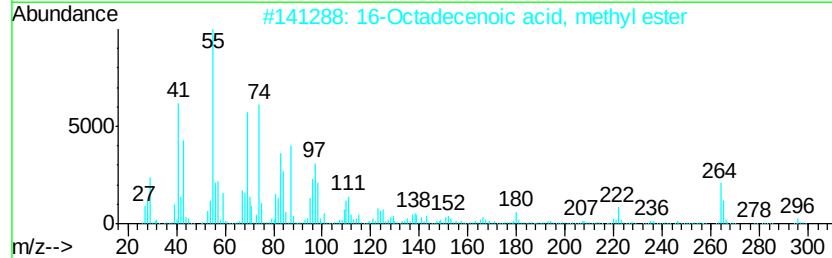
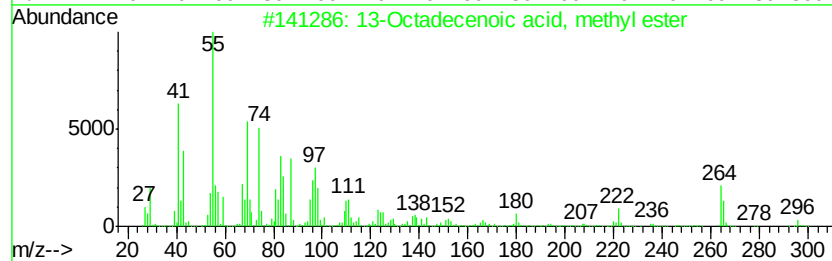
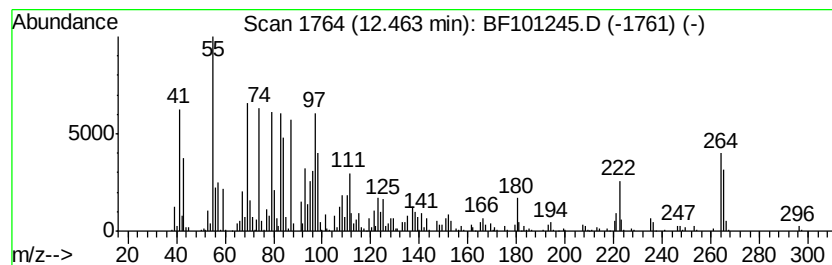
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 13-Octadecenoic acid, methyl ester Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.46	162.15 ng	3034410	Phenanthrene-d10	11.35

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	13-Octadecenoic acid, methyl ester	296	C19H36O2	056554-47-3	99
2		16-Octadecenoic acid, methyl ester	296	C19H36O2	056554-49-5	99
3		14-Octadecenoic acid, methyl ester	296	C19H36O2	056554-48-4	99
4		trans-13-Octadecenoic acid, methyl ester	296	C19H36O2	1000333-61-3	91
5		11-Octadecenoic acid, methyl ester	296	C19H36O2	052380-33-3	91



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120817\
Data File : BF101245.D
Acq On : 8 Dec 2017 19:31
Operator : SJ/JU
Sample : I6684-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BU-01-120617

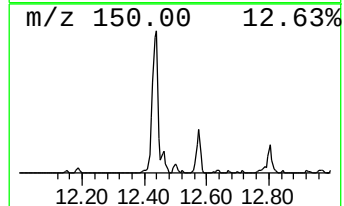
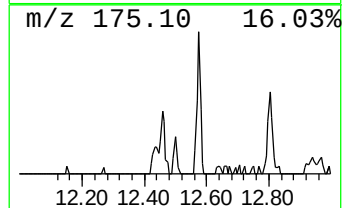
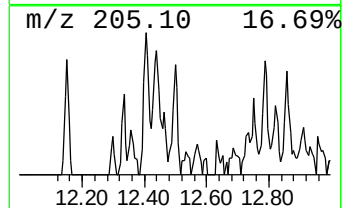
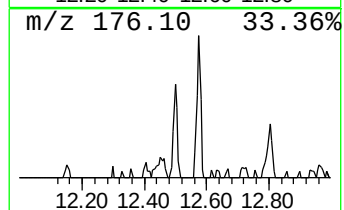
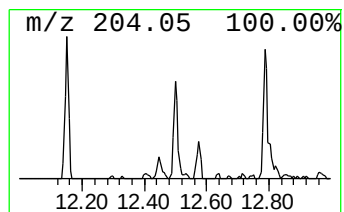
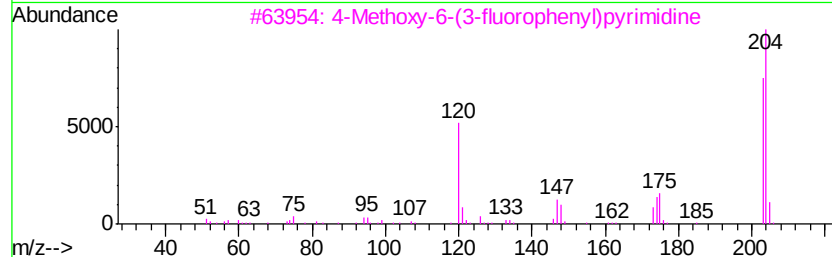
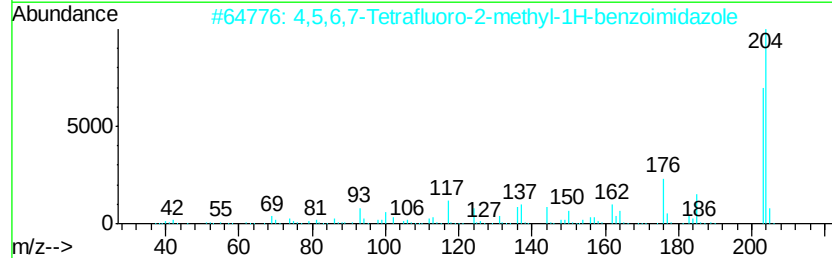
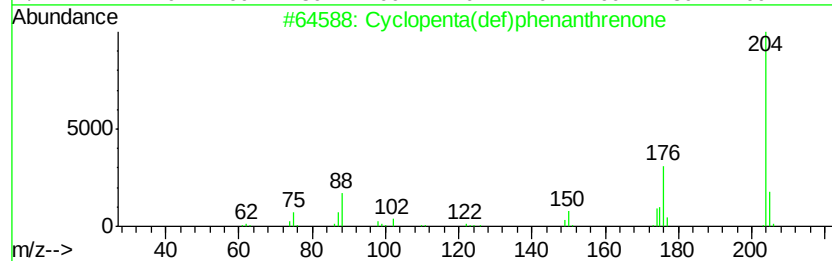
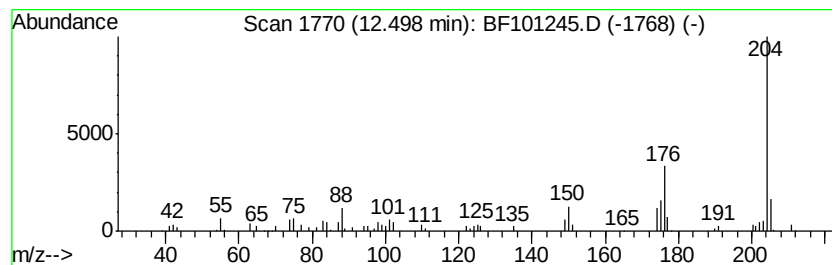
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Cyclopenta(def)phenanthrenone Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.50	2.79 ng	52207	Phenanthrene-d10	11.35

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	87
2		4,5,6,7-Tetrafluoro-2-methyl-1H-...	204	C8H4F4N2	081430-75-3	53
3		4-Methoxy-6-(3-fluorophenyl)pyri...	204	C11H9FN2O	076128-74-0	52
4		3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	50
5		Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	50



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120817\
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Operator : SJ/JU
Sample : I6684-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

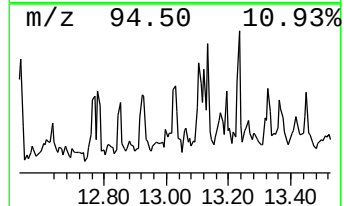
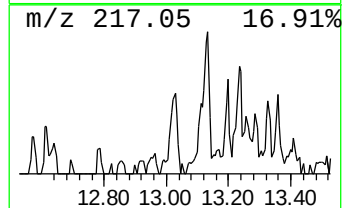
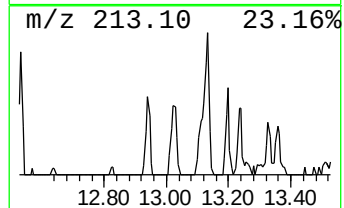
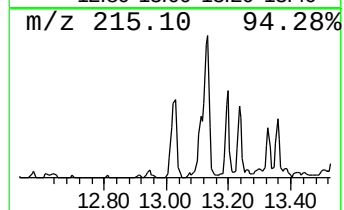
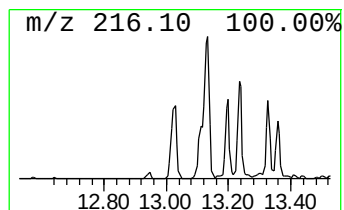
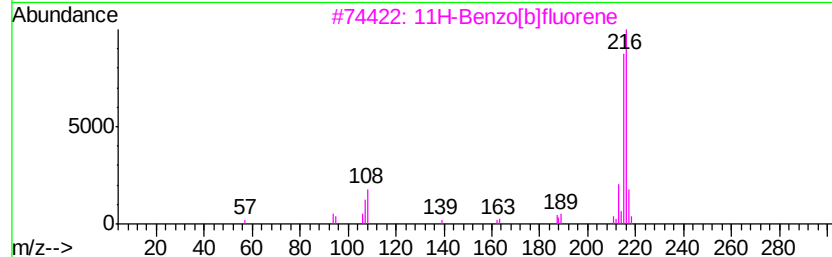
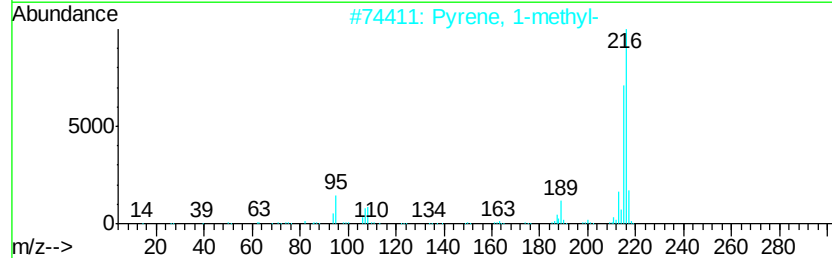
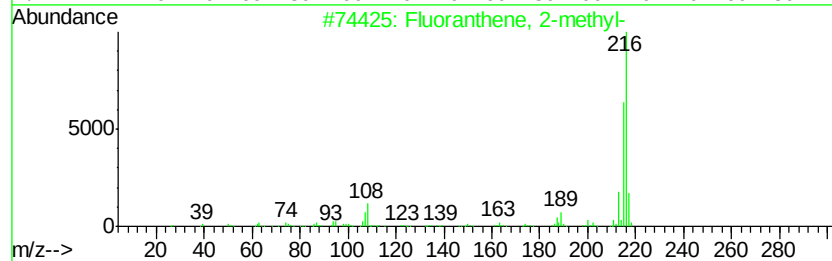
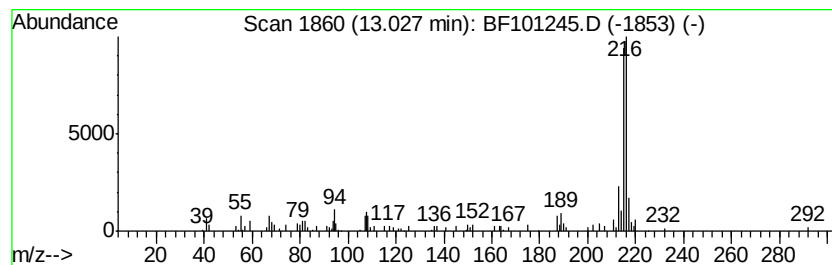
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Fluoranthene, 2-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD		R.T.
13.03	3.44 ng	122565	Chrysene-d12		14.00
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	93
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
4	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	87
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	83



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120817\
Data File : BF101245.D
Acq On : 8 Dec 2017 19:31
Operator : SJ/JU
Sample : I6684-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
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ClientSampleId :
BU-01-120617

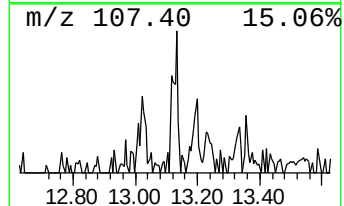
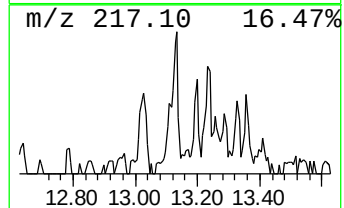
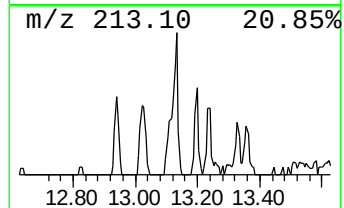
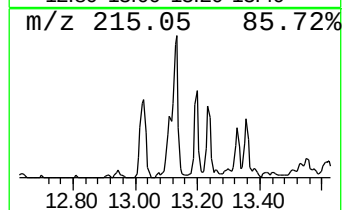
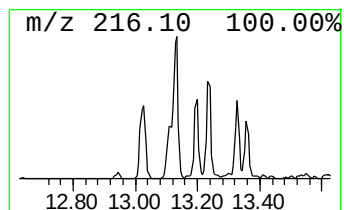
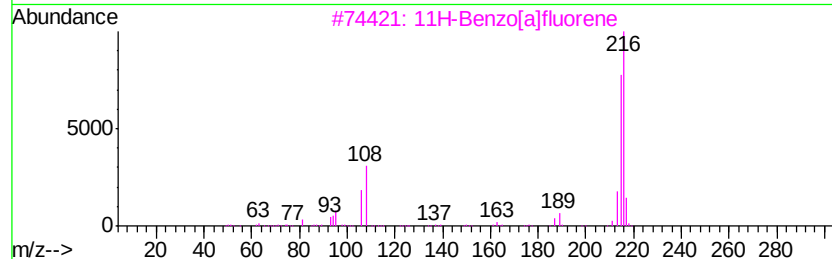
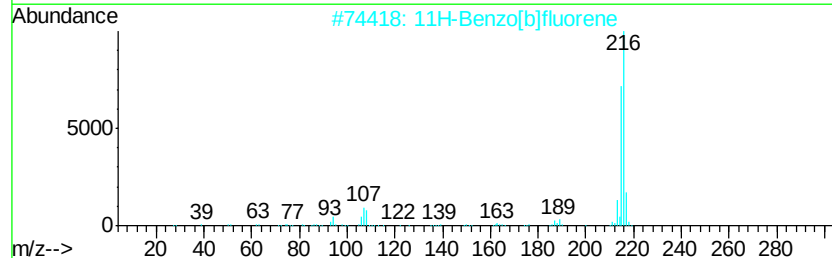
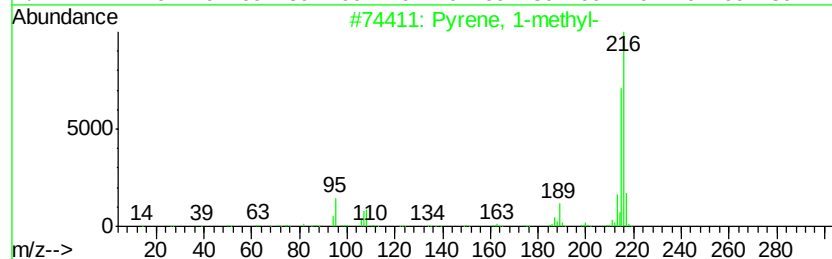
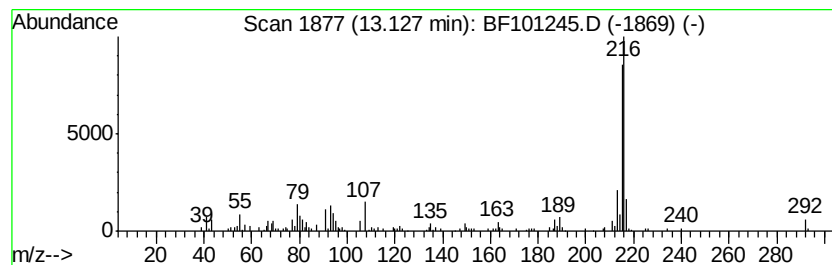
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Pyrene, 1-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.13	6.43 ng	228926	Chrysene-d12	14.00

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	94
2		11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
3		11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
4		7H-Benzo[c]fluorene	216	C17H12	000205-12-9	87
5		Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	76



Data Path : Z:\HPCHEM1\BNA F\DATA\BF120817\
Data File : BF101245.D
Acq On : 8 Dec 2017 19:31
Operator : SJ/JU
Sample : I6684-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
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ClientSampleId :
BU-01-120617

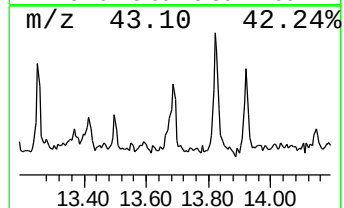
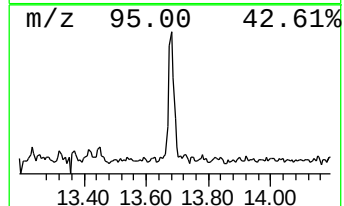
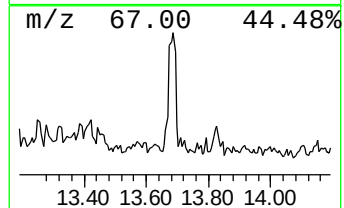
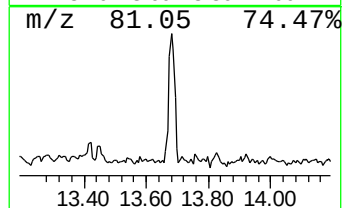
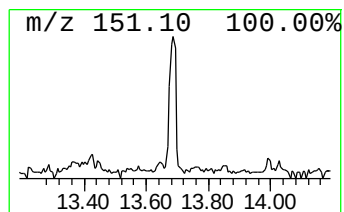
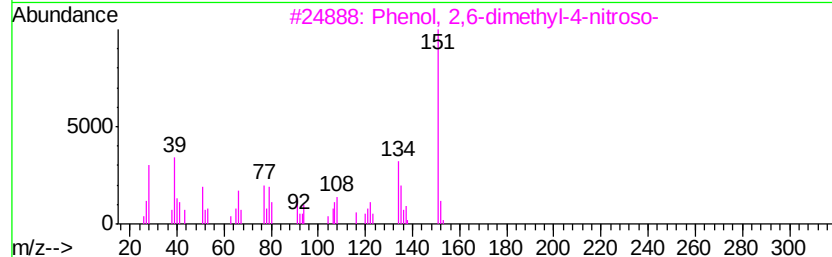
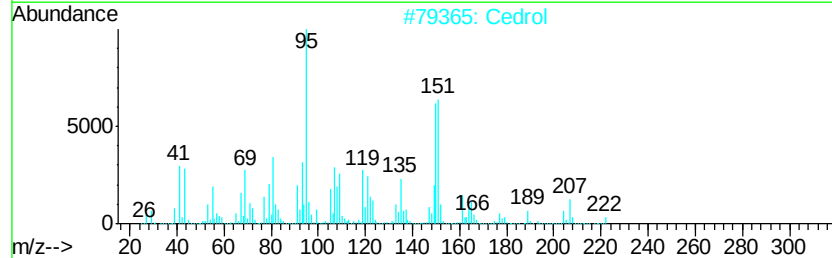
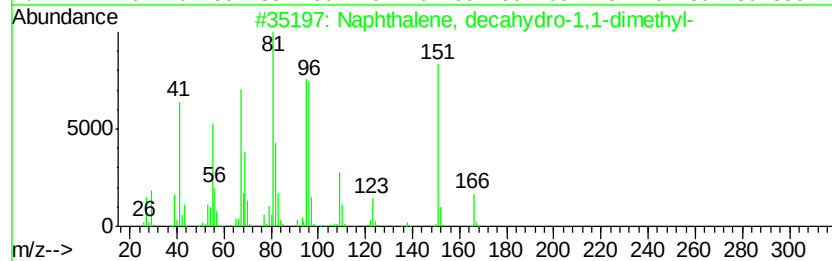
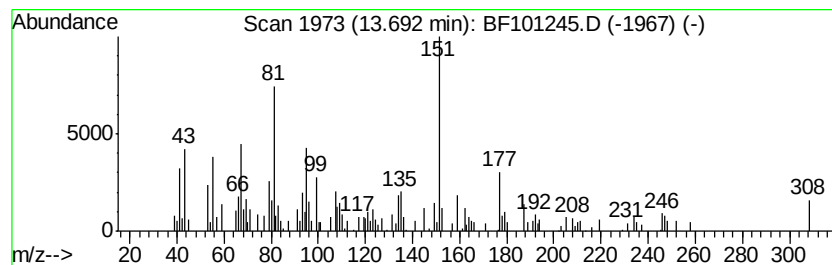
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 unknown13.69 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.69	5.34 ng	190342	Chrysene-d12	14.00

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, decahydro-1,1-dimet...	166	C12H22	035431-04-0	46
2		Cedrol	222	C15H26O	000077-53-2	25
3		Phenol, 2,6-dimethyl-4-nitroso-	151	C8H9NO2	013331-93-6	20
4		5-Isopropyl-2,8-dimethyl-9-oxatr...	222	C14H22O2	1000185-23-8	15
5		6,10,14,18,22-Tetracosapentaen-2...	506	C30H51BrO	065746-05-6	14



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120817\
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Sample : I6684-01
Misc :
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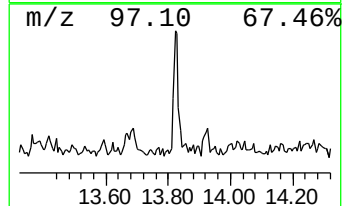
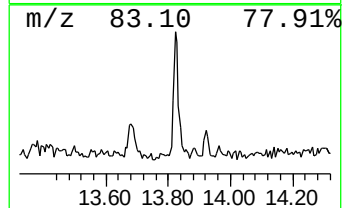
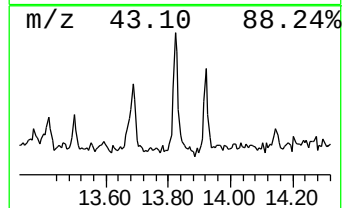
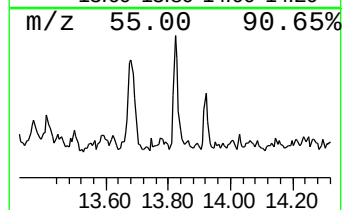
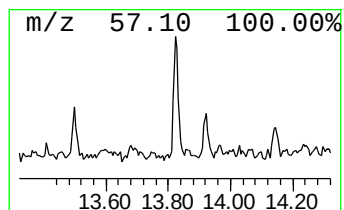
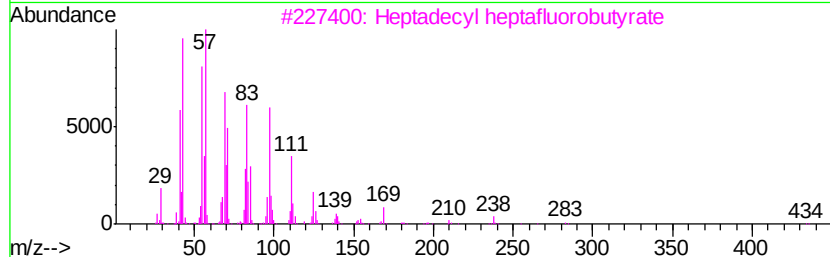
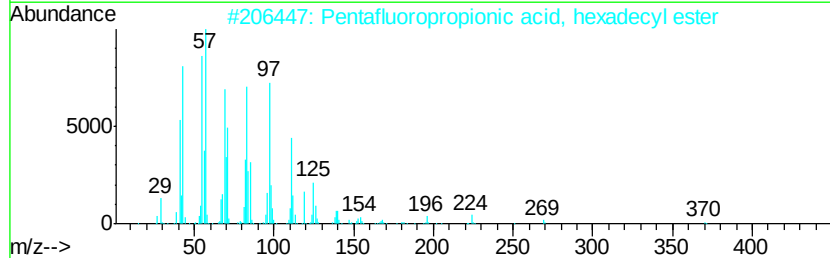
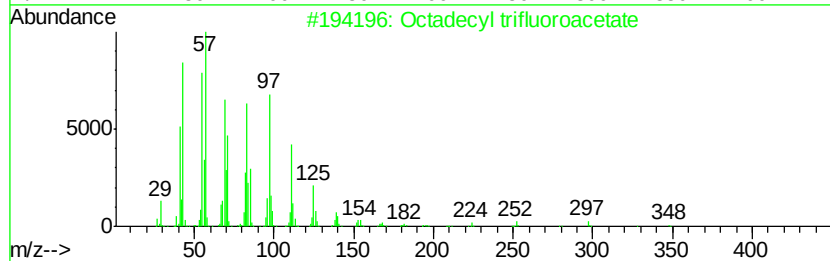
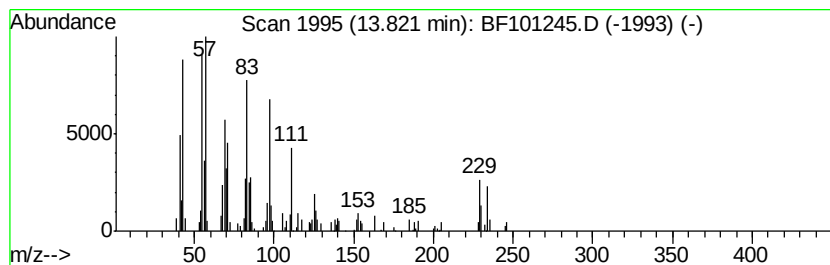
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Octadecyl trifluoroacetate Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.82	3.02 ng	107582	Chrysene-d12	14.00

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecyl trifluoroacetate	366	C20H37F3O2	079392-43-1	81
2		Pentafluoropropionic acid, hexad...	388	C19H33F5O2	006222-07-7	81
3		Heptadecyl heptafluorobutvrate	452	C21H35F7O2	959085-66-6	81
4		Heptacosyl acetate	438	C29H58O2	1000351-78-2	74
5		1-Docosene	308	C22H44	001599-67-3	70



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120817\
 Data File : BF101245.D
 Acq On : 8 Dec 2017 19:31
 Operator : SJ/JU
 Sample : I6684-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113017.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...	5.05	5.7	ng	78923	1	6.82	275310	20.0
unknown6.60	6.60	80.0	ng	1100680	1	6.82	275310	20.0
Tridecane	9.79	3.8	ng	73287	3	9.86	381747	20.0
Dodecane	10.29	5.2	ng	100038	3	9.86	381747	20.0
Heptacosane	10.76	6.0	ng	111848	4	11.35	374283	20.0
Tetracosane	11.20	3.4	ng	62611	4	11.35	374283	20.0
Hexadecanoic acid...	11.74	94.9	ng	1775520	4	11.35	374283	20.0
Phenanthrene, 2-m...	11.88	5.3	ng	99150	4	11.35	374283	20.0
4H-Cyclopenta[def...	11.97	4.8	ng	90278	4	11.35	374283	20.0
5,16[1',2']:8,13[...	12.15	3.0	ng	57033	4	11.35	374283	20.0
9,12-Octadecadien...	12.43	220.2	ng	4121330	4	11.35	374283	20.0
13-Octadecenoic a...	12.46	162.2	ng	3034410	4	11.35	374283	20.0
Cyclopenta(def)ph...	12.50	2.8	ng	52207	4	11.35	374283	20.0
Fluoranthene, 2-m...	13.03	3.4	ng	122565	5	14.00	712377	20.0
Pyrene, 1-methyl-	13.13	6.4	ng	228926	5	14.00	712377	20.0
unknown13.69	13.69	5.3	ng	190342	5	14.00	712377	20.0
Octadecyl trifluo...	13.82	3.0	ng	107582	5	14.00	712377	20.0