

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF072618\
 Data File : BF107715.D
 Acq On : 26 Jul 2018 22:15
 Operator : JU/SJ
 Sample : J4109-06 5X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-11(8-10)

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-BF072018.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	5.178	480	483	493	rBV	54106	79473	1.20%	0.228%
2	5.607	551	556	567	rBV	82120	293020	4.42%	0.839%
3	6.607	722	726	742	rBV	141612	527954	7.96%	1.512%
4	6.737	744	748	772	rVB	349073	733380	11.06%	2.100%
5	6.960	783	786	809	rBV	613178	988418	14.91%	2.831%
6	7.113	809	812	828	rVB	321889	468633	7.07%	1.342%
7	7.531	880	883	896	rBV	131345	341668	5.15%	0.979%
8	8.242	1000	1004	1022	rBV	1113669	1455444	21.95%	4.168%
9	9.313	1182	1186	1195	rBV	623486	725483	10.94%	2.078%
10	9.707	1250	1253	1260	rVB	64233	74890	1.13%	0.214%
11	9.860	1276	1279	1285	rBV	79381	105103	1.59%	0.301%
12	10.001	1299	1303	1307	rBV	1464810	1429740	21.57%	4.095%
13	10.554	1393	1397	1405	rVB	105765	141615	2.14%	0.406%
14	10.795	1434	1438	1450	rBV	374998	524167	7.91%	1.501%
15	10.883	1450	1453	1461	rVB2	58448	85374	1.29%	0.245%
16	10.989	1468	1471	1476	rBV	72908	70233	1.06%	0.201%
17	11.101	1483	1490	1493	rBV2	52460	84752	1.28%	0.243%
18	11.495	1553	1557	1559	rBV	1220908	1193644	18.01%	3.418%
19	11.519	1559	1561	1567	rVV	798500	856683	12.92%	2.453%
20	11.571	1567	1570	1581	rVB	202644	304404	4.59%	0.872%
21	11.789	1604	1607	1611	rVB	126631	121028	1.83%	0.347%
22	11.866	1616	1620	1625	rBV	2789593	2423739	36.56%	6.941%
23	11.995	1639	1642	1645	rBV	152243	173309	2.61%	0.496%
24	12.024	1645	1647	1652	rVB	129626	139255	2.10%	0.399%
25	12.113	1658	1662	1669	rBV2	204629	313037	4.72%	0.897%
26	12.554	1733	1737	1739	rBV	3494589	3853714	58.13%	11.037%
27	12.577	1739	1741	1748	rVV	5961682	6629330	100.00%	18.986%
28	12.654	1751	1754	1760	rVV	1332566	1318158	19.88%	3.775%
29	12.713	1760	1764	1773	rVB	978496	1047984	15.81%	3.001%
30	12.807	1778	1780	1785	rVB	101328	119867	1.81%	0.343%
31	12.942	1797	1803	1809	rBV	709282	874482	13.19%	2.504%
32	13.077	1822	1826	1836	rVB	541733	608276	9.18%	1.742%
33	13.154	1836	1839	1846	rBV4	68872	124259	1.87%	0.356%
34	13.271	1851	1859	1862	rBV	197225	281501	4.25%	0.806%

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ClientSampleId :
SB-11(8-10)

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

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35	13.307	1862	1865	1868	rVV3	125683	143093	2.16%	0.410%
36	13.336	1868	1870	1873	rVV	144261	131735	1.99%	0.377%
37	13.377	1873	1877	1881	rVB3	145850	169208	2.55%	0.485%
38	13.501	1895	1898	1905	rVB4	95932	123515	1.86%	0.354%
39	13.818	1949	1952	1958	rVB4	84457	125460	1.89%	0.359%
40	13.954	1972	1975	1980	rVB4	90650	112137	1.69%	0.321%
41	14.048	1988	1991	1998	rBV2	82170	118311	1.78%	0.339%
42	14.142	2002	2007	2010	rVV2	1263775	1727093	26.05%	4.946%
43	14.171	2010	2012	2023	rVB	456855	588833	8.88%	1.686%
44	14.295	2031	2033	2039	rVB4	61803	82838	1.25%	0.237%
45	15.218	2185	2190	2193	rBV	320235	541628	8.17%	1.551%
46	15.330	2206	2209	2215	rVB	80257	99838	1.51%	0.286%
47	15.542	2241	2245	2252	rVB	157071	244244	3.68%	0.699%
48	15.607	2252	2256	2261	rBV	275134	418174	6.31%	1.198%
49	15.677	2262	2268	2284	rVB	789498	1432438	21.61%	4.102%
50	17.242	2531	2534	2544	rVB3	79514	214226	3.23%	0.614%
51	17.724	2611	2616	2625	rVB2	49500	132564	2.00%	0.380%

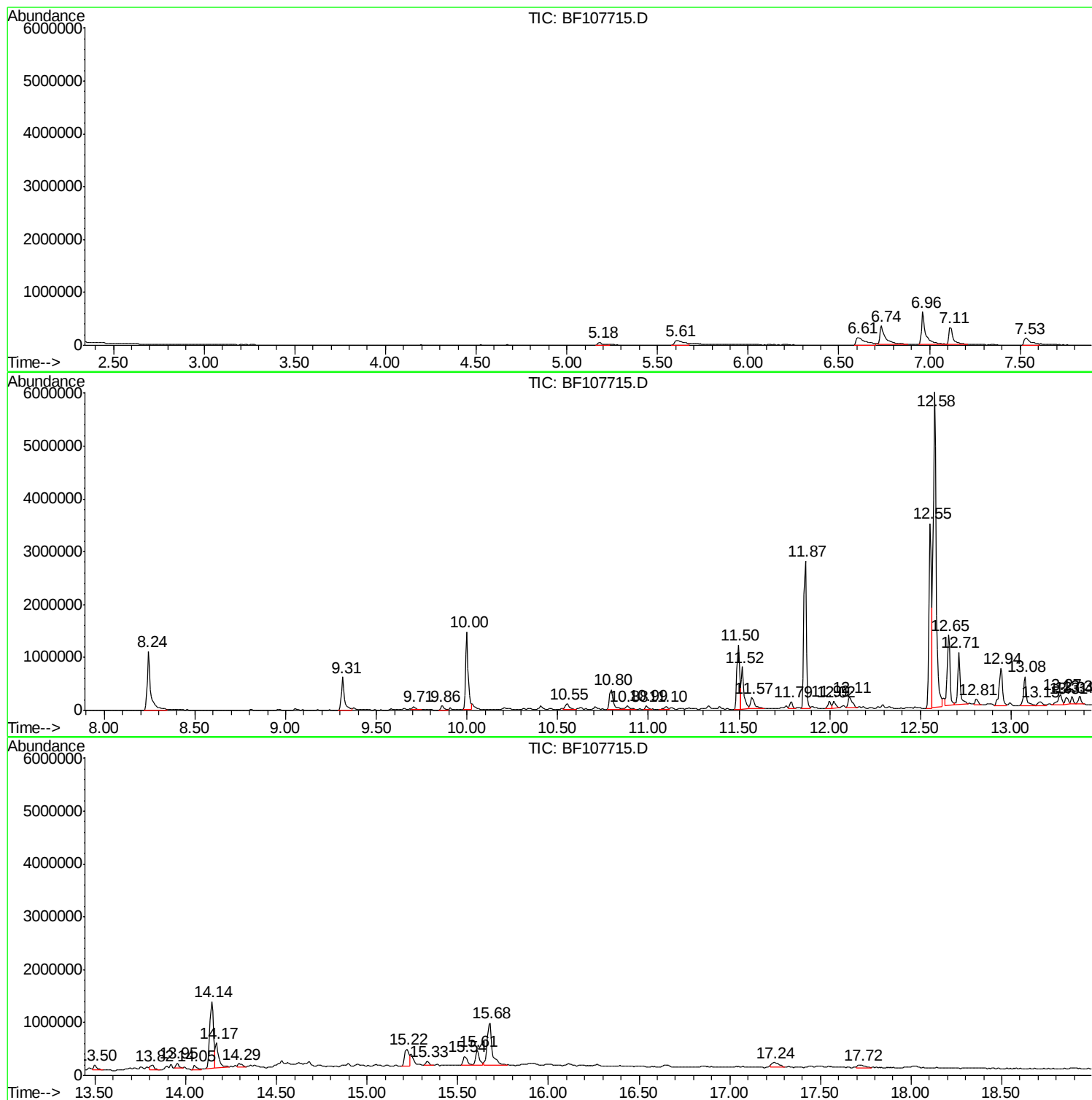
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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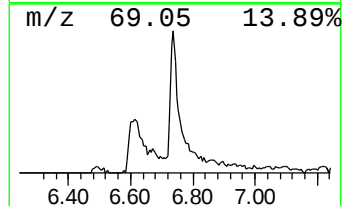
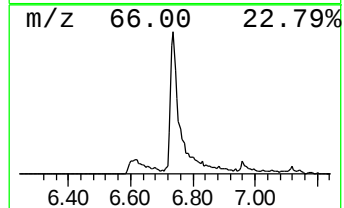
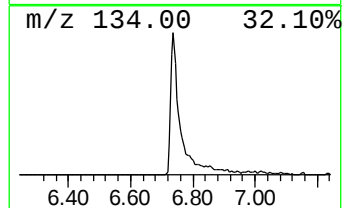
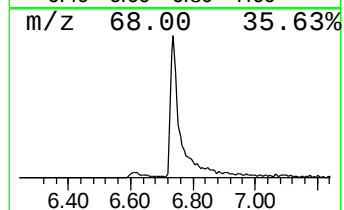
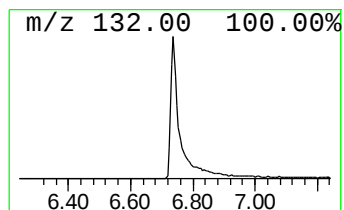
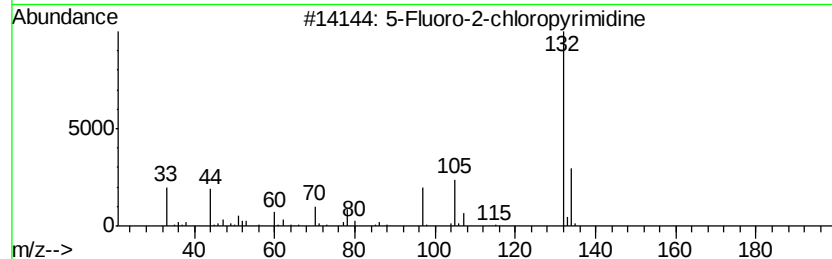
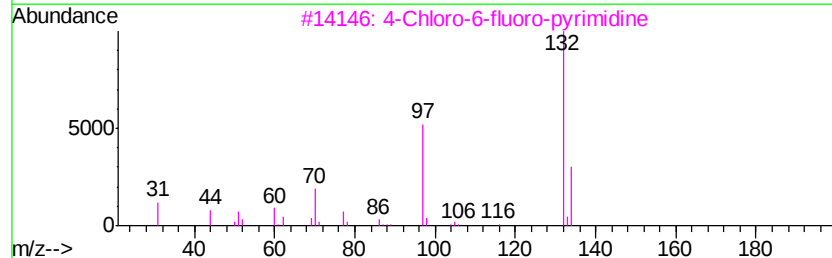
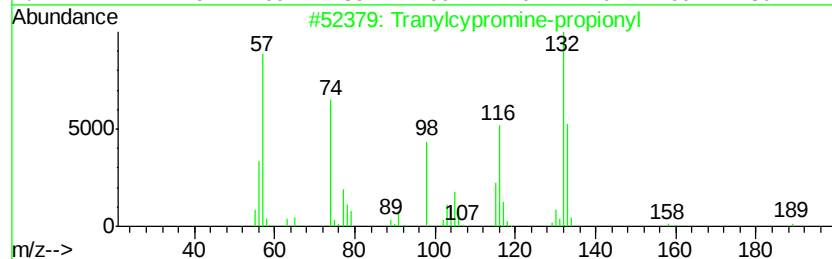
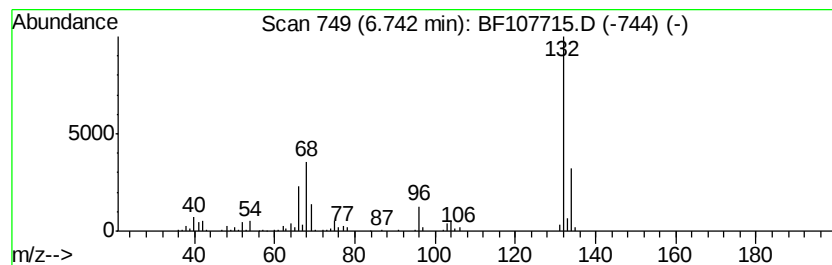
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown6.74 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.74	14.84 ng	733380	1,4-Dichlorobenzene-d4	6.96

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tranlylcypropromine-propionyl	189	C12H15NO	1000123-86-3	12
2		4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9
3		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9
4		2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9
5		Imidazole, 4,5-dicyano-1-methyl-	132	C6H4N4	019485-35-9	9



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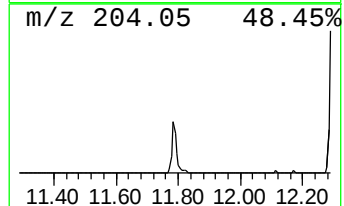
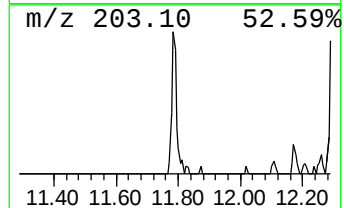
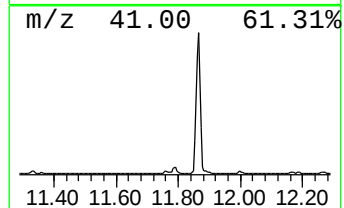
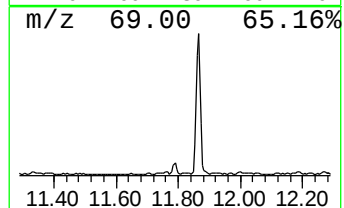
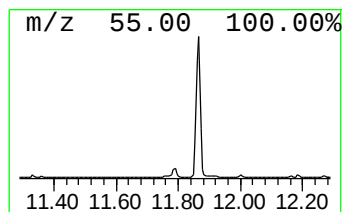
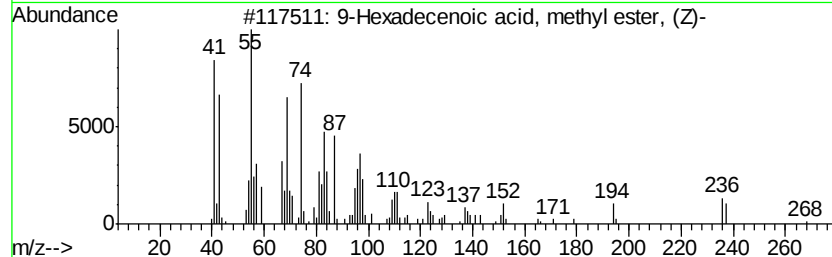
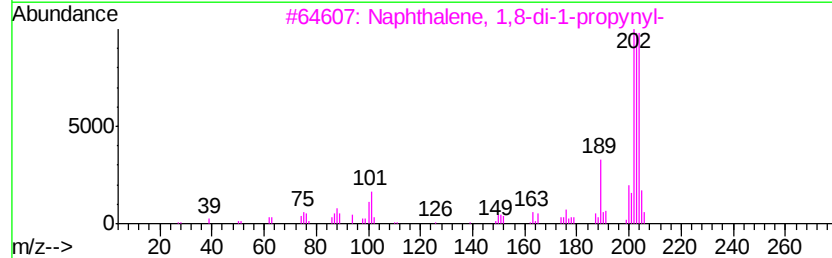
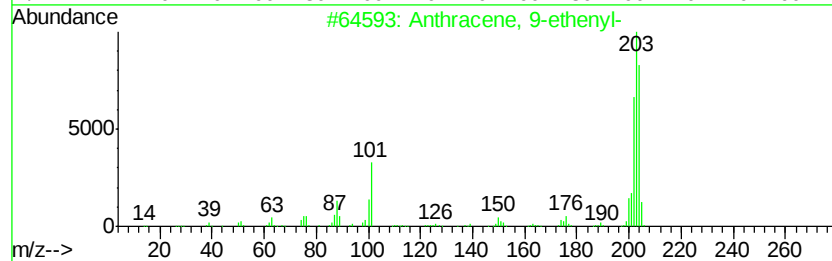
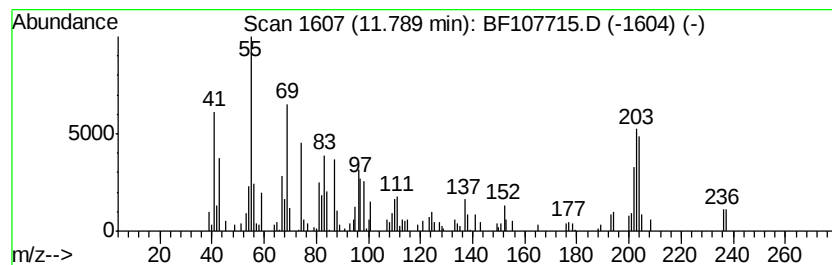
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 unknown11.79 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.79	2.03 ng	121028	Phenanthrene-d10	11.49	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 9-ethenyl-	204	C16H12	002444-68-0	42
2	Naphthalene, 1,8-di-1-propynyl-	204	C16H12	022360-77-6	38
3	9-Hexadecenoic acid, methyl este...	268	C17H32O2	001120-25-8	38
4	Dibenzo[a,e]cyclooctene	204	C16H12	000262-89-5	25
5	Cyclobuta[1'',2'':3,4:3'',4'':3'...	204	C16H12	006574-36-3	25



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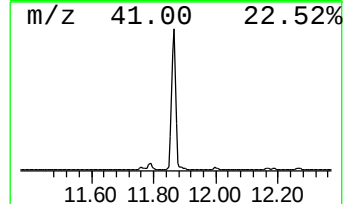
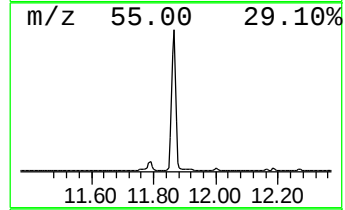
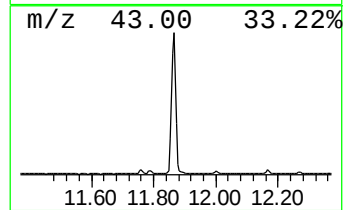
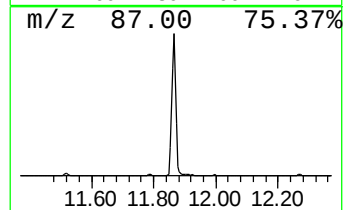
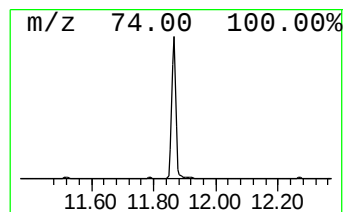
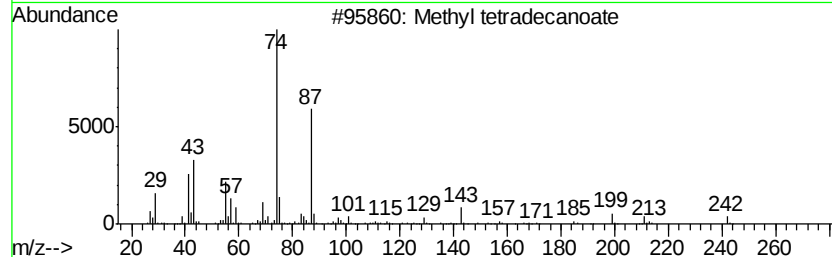
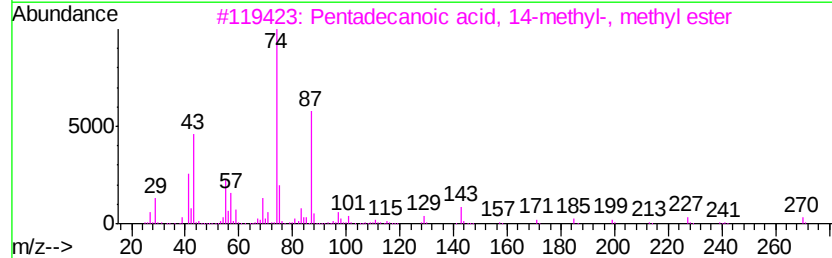
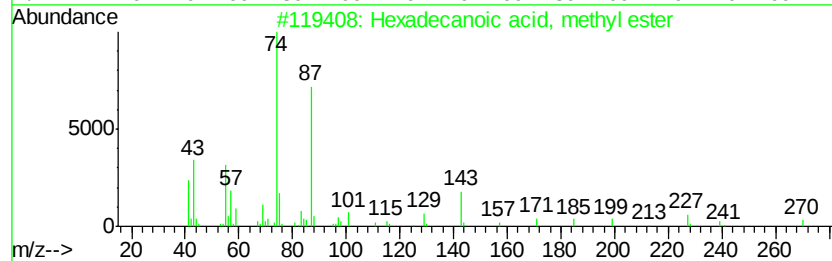
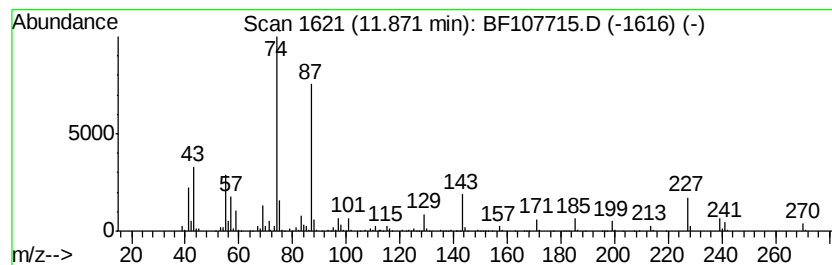
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Hexadecanoic acid, methyl e... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.87	40.61 ng	2423740	Phenanthrene-d10	11.49

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	92
3		Methyl tetradecanoate	242	C15H30O2	000124-10-7	91
4		Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	90
5		Decanoic acid, methyl ester	186	C11H22O2	000110-42-9	87



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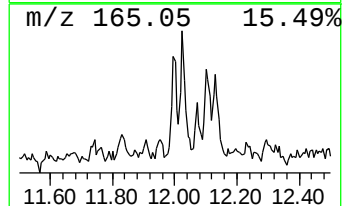
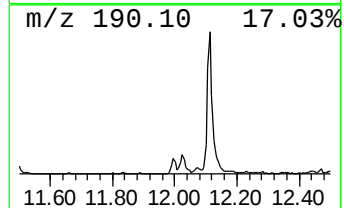
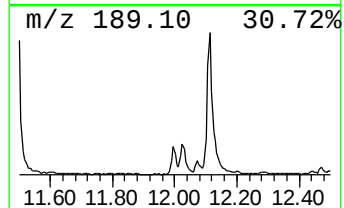
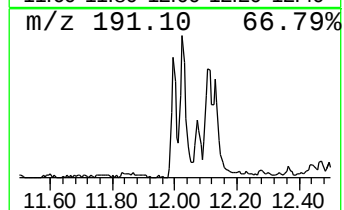
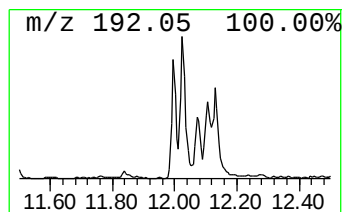
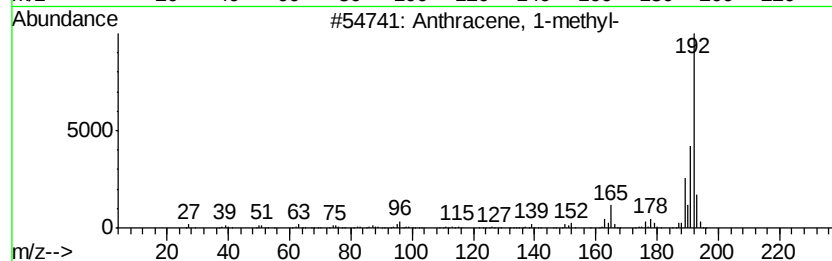
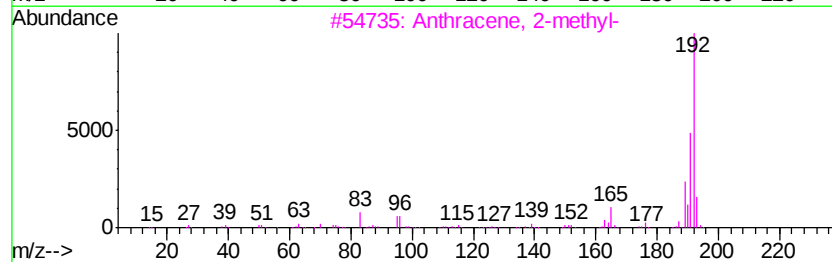
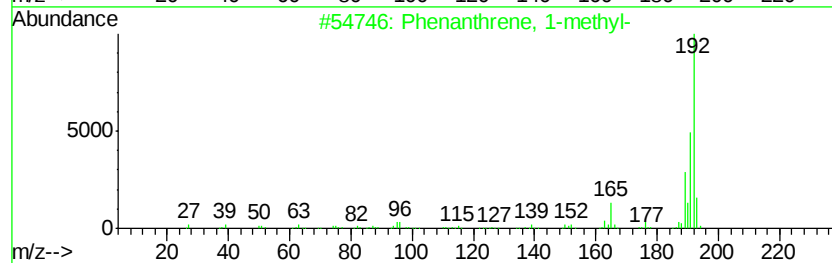
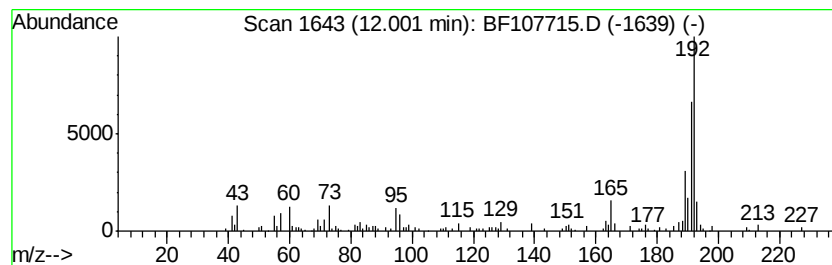
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Peak Number 5 Phenanthrene, 1-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.00	2.90 ng	173309	Phenanthrene-d10	11.49	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	95
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91



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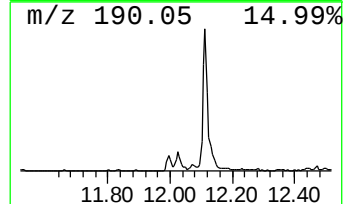
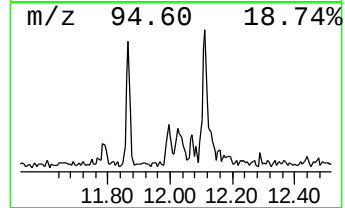
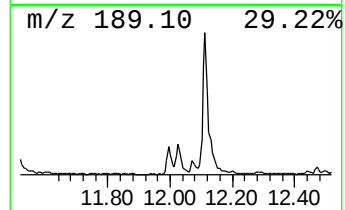
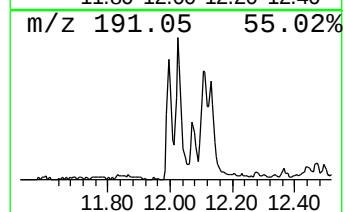
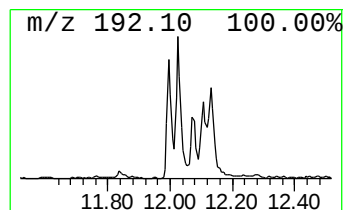
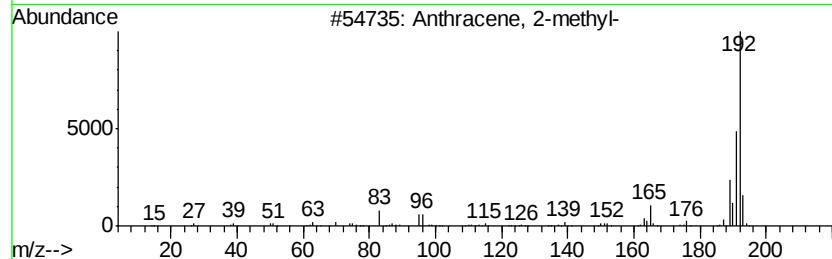
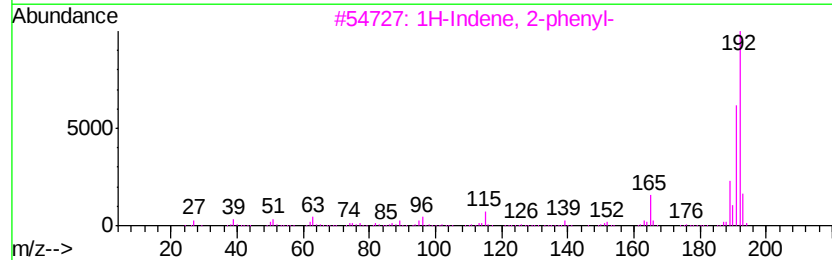
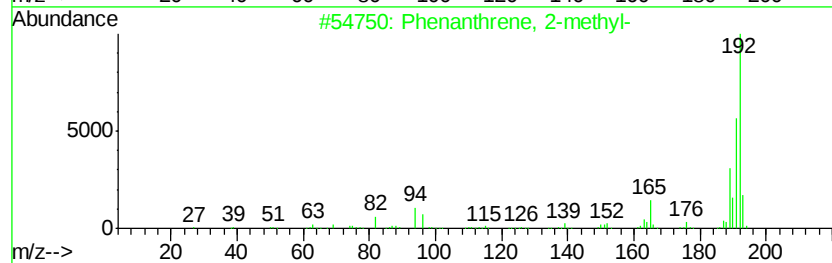
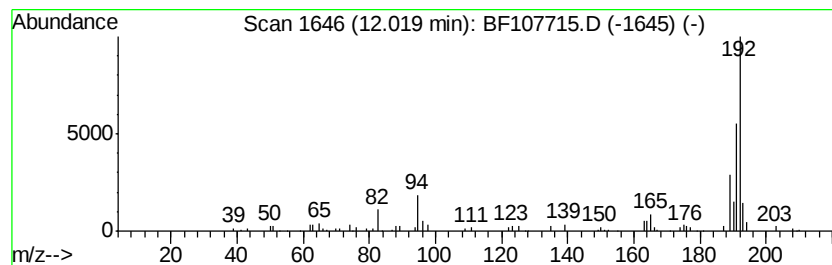
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Phenanthrene, 2-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.02	2.33 ng	139255	Phenanthrene-d10	11.49

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
2		1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	90
3		Anthracene, 2-methyl-	192	C15H12	000613-12-7	89
4		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	89
5		Anthracene, 9-methyl-	192	C15H12	000779-02-2	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF072618\
Data File : BF107715.D
Acq On : 26 Jul 2018 22:15
Operator : JU/SJ
Sample : J4109-06 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

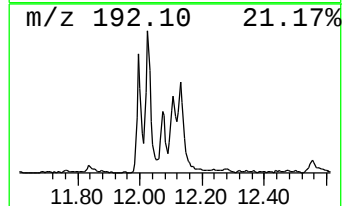
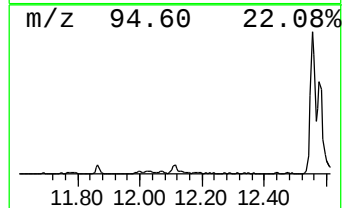
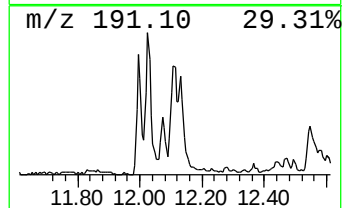
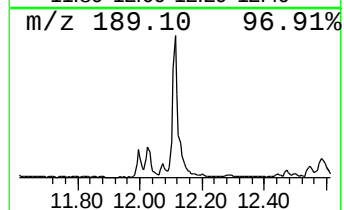
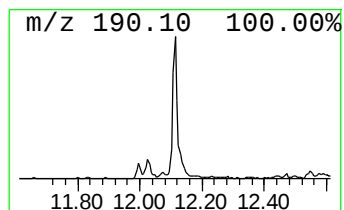
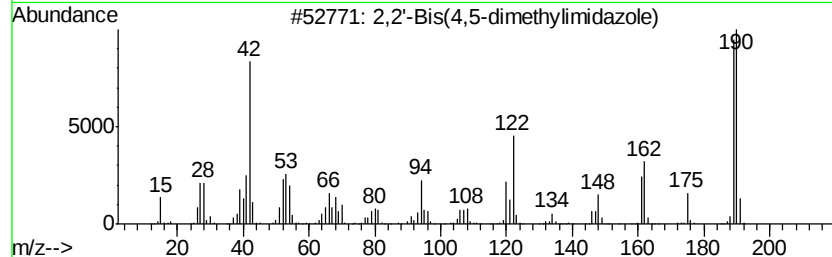
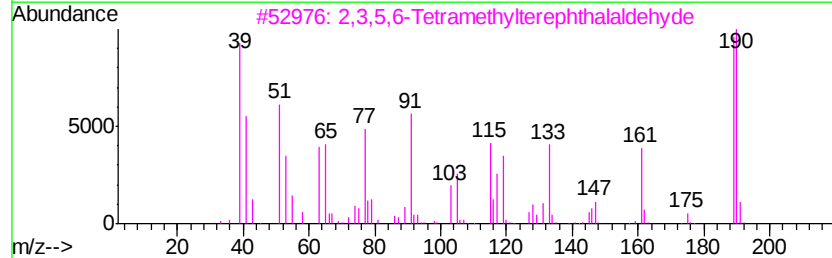
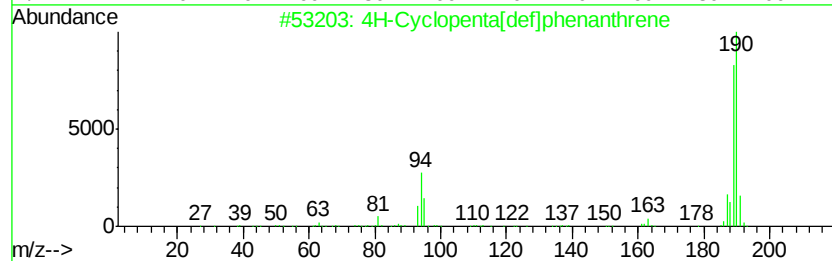
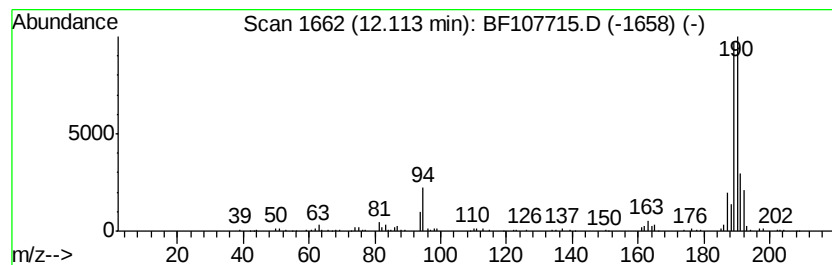
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 4H-Cyclopenta[def]phenanthrene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.11	5.25 ng	313037	Phenanthrene-d10	11.49	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	81
2	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	50
3	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	45
4	Methyl diselenide	190	C2H6Se2	007101-31-7	43
5	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	40



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF072618\
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Sample : J4109-06 5X
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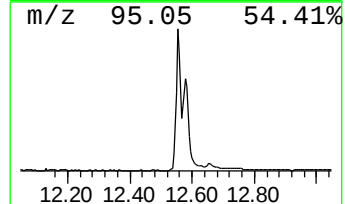
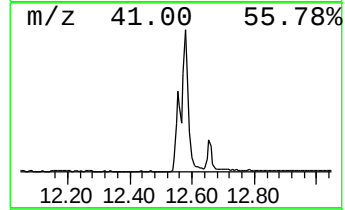
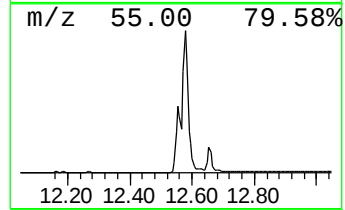
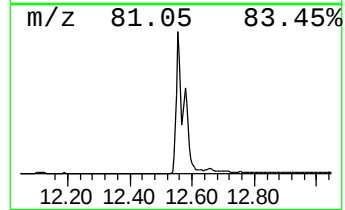
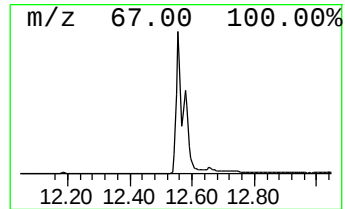
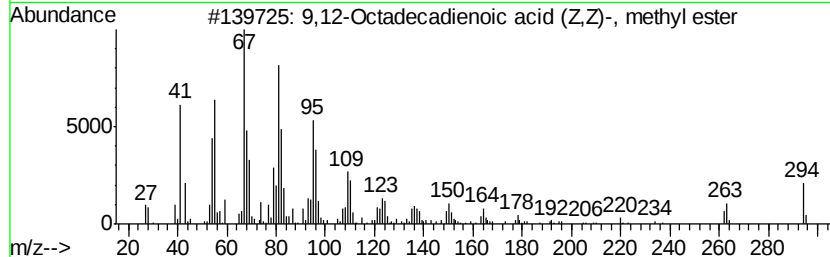
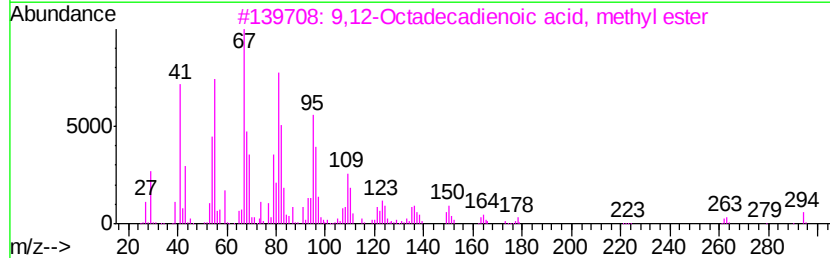
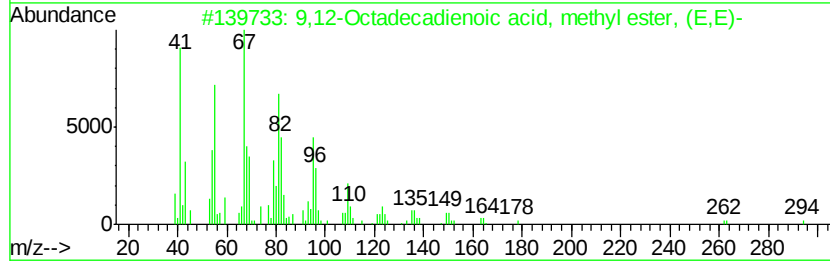
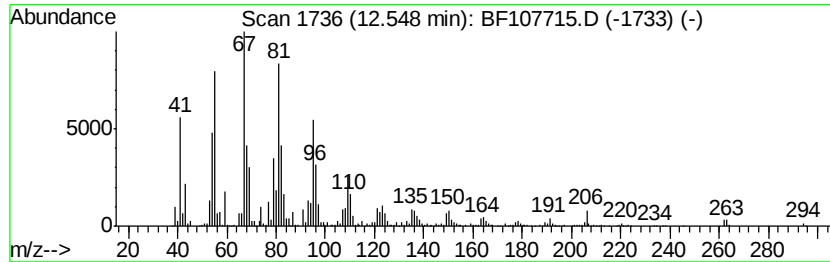
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 9,12-Octadecadienoic acid, ... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.		
12.55	64.57 ng	3853710	Phenanthrene-d10	11.49		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	99	
2	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002462-85-3	99	
3	9,12-Octadecadienoic acid (Z,Z)-...	294	C19H34O2	000112-63-0	99	
4	8,11-Octadecadienoic acid, methy...	294	C19H34O2	056599-58-7	99	
5	10,13-Octadecadienoic acid, meth...	294	C19H34O2	056554-62-2	99	



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF072618\
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ClientSampleId :
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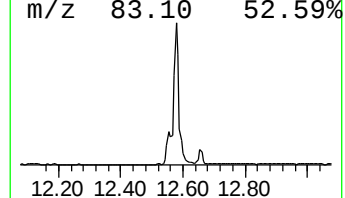
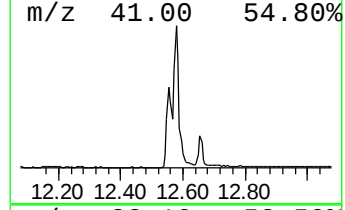
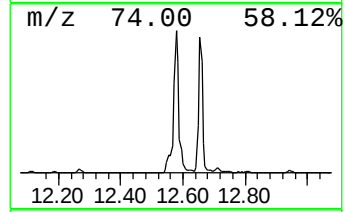
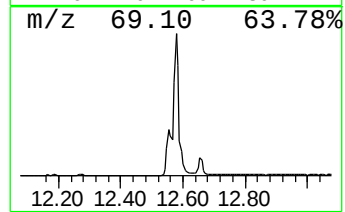
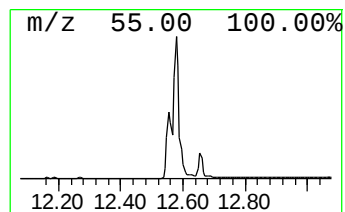
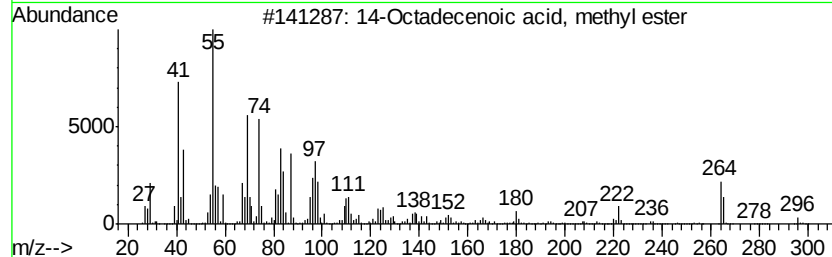
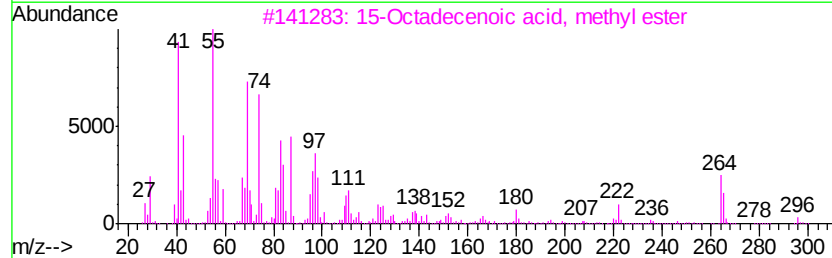
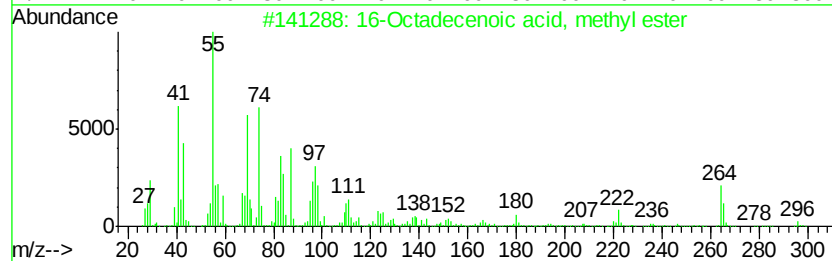
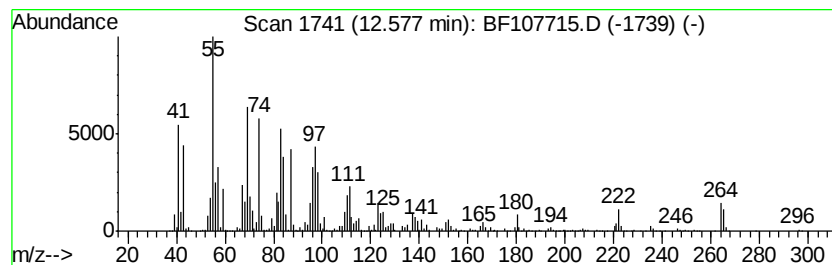
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 16-Octadecenoic acid, methyl ester Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.58	111.08 ng	6629330	Phenanthrene-d10	11.49

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	16-Octadecenoic acid, methyl ester	296	C19H36O2	056554-49-5	99
2		15-Octadecenoic acid, methyl ester	296	C19H36O2	004764-72-1	99
3		14-Octadecenoic acid, methyl ester	296	C19H36O2	056554-48-4	99
4		13-Octadecenoic acid, methyl ester	296	C19H36O2	056554-47-3	98
5		12-Octadecenoic acid, methyl ester	296	C19H36O2	056554-46-2	97



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF072618\
Data File : BF107715.D
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Sample : J4109-06 5X
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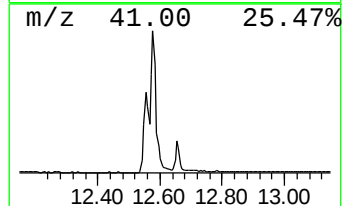
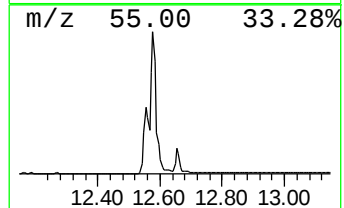
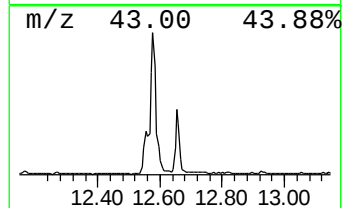
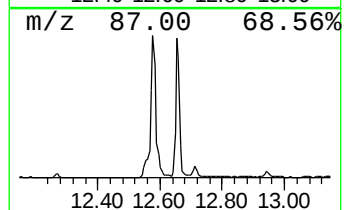
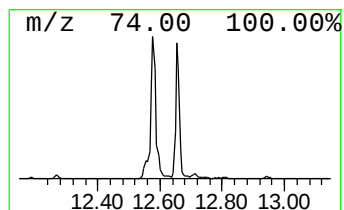
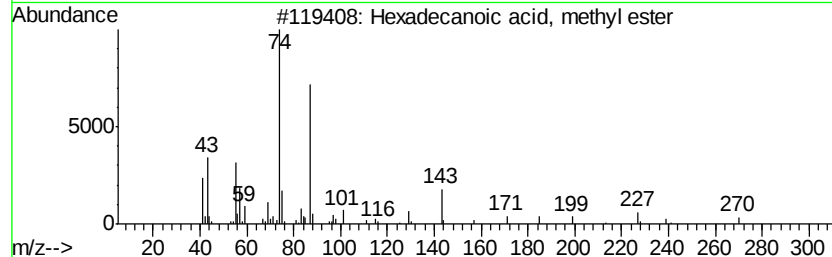
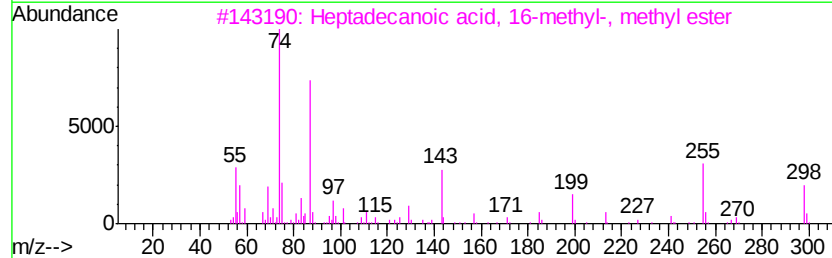
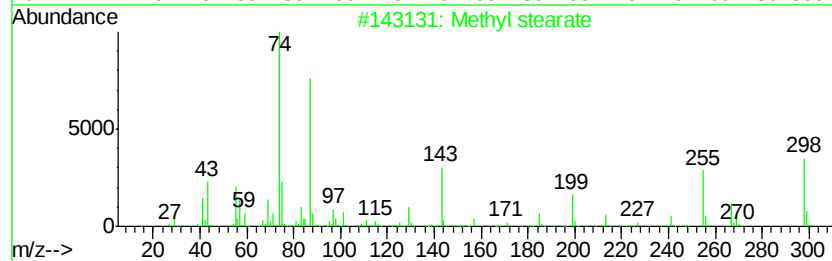
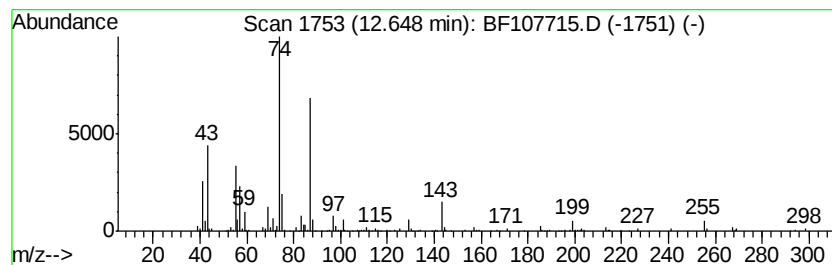
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Methyl stearate Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.65	22.09 ng	1318160	Phenanthrene-d10	11.49
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Methyl stearate	298 C19H38O2	000112-61-8 98
2		Heptadecanoic acid, 16-methyl-, ...	298 C19H38O2	005129-61-3 94
3		Hexadecanoic acid, methyl ester	270 C17H34O2	000112-39-0 93
4		Heptadecanoic acid, methyl ester	284 C18H36O2	001731-92-6 91
5		Methyl tetradecanoate	242 C15H30O2	000124-10-7 91



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF072618\
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Instrument :
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ClientSampleId :
SB-11(8-10)

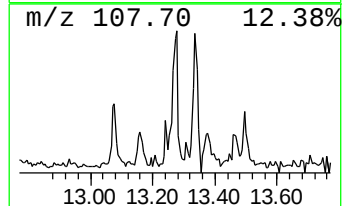
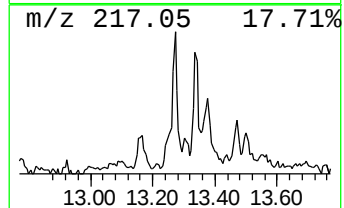
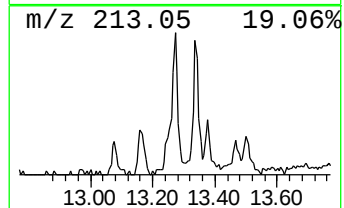
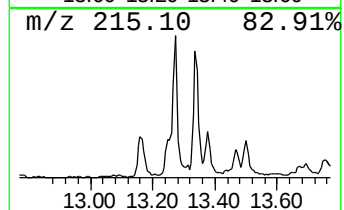
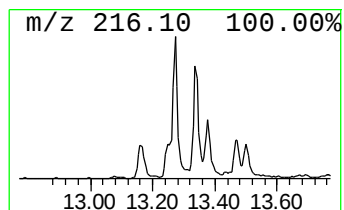
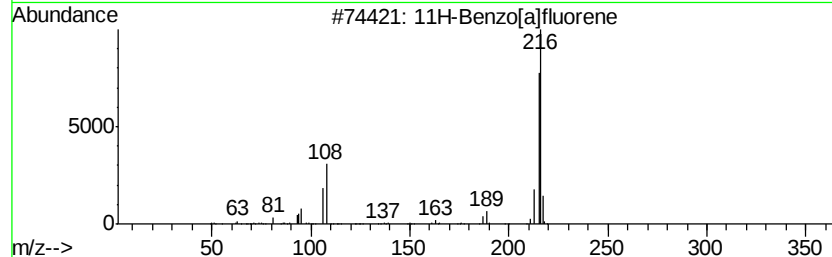
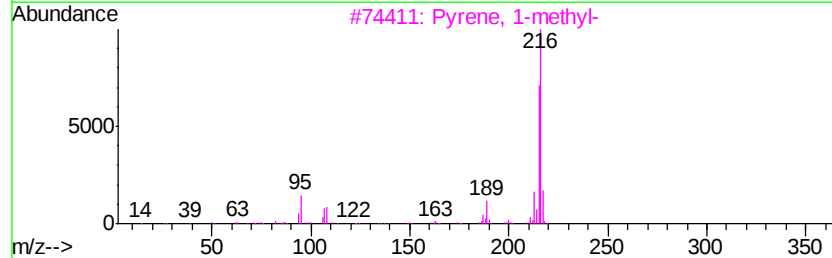
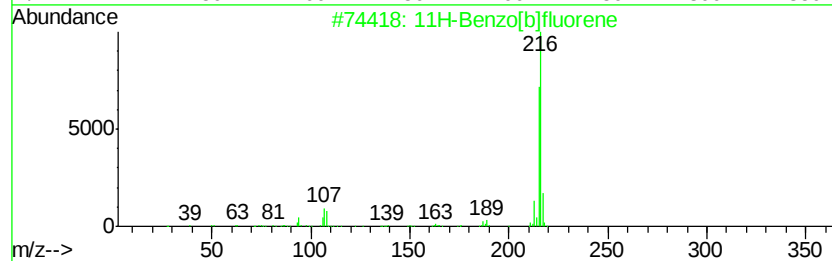
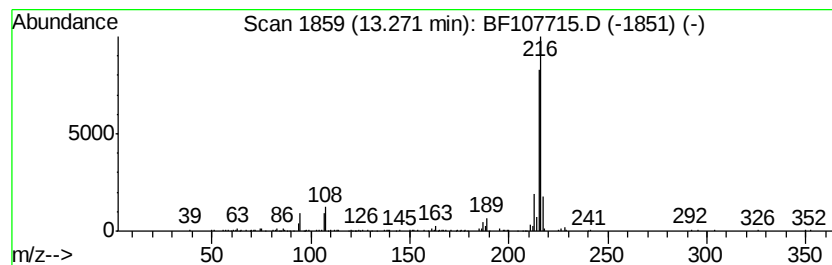
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 11H-Benzo[b]fluorene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.27	3.26 ng	281501	Chrysene-d12	14.14

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	97
2		Pyrene, 1-methyl-	216	C17H12	002381-21-7	94
3		11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
4		Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
5		7H-Benzo[c]fluorene	216	C17H12	000205-12-9	72



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF072618\
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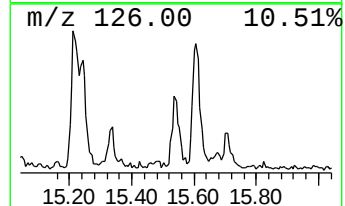
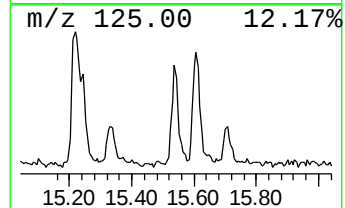
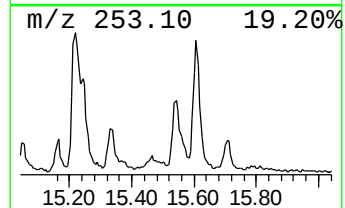
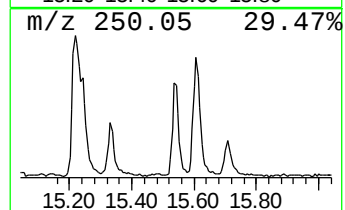
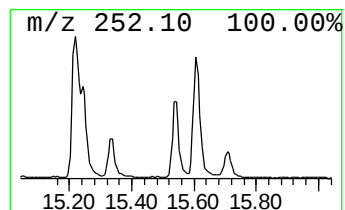
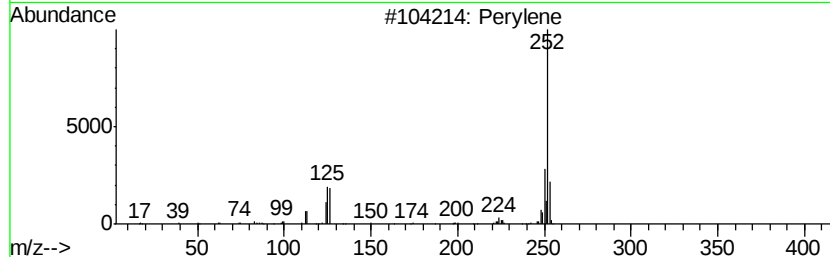
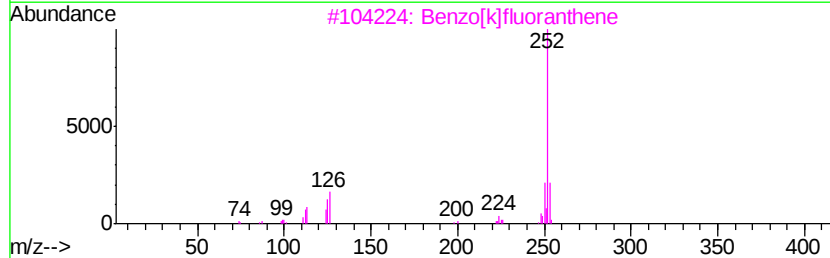
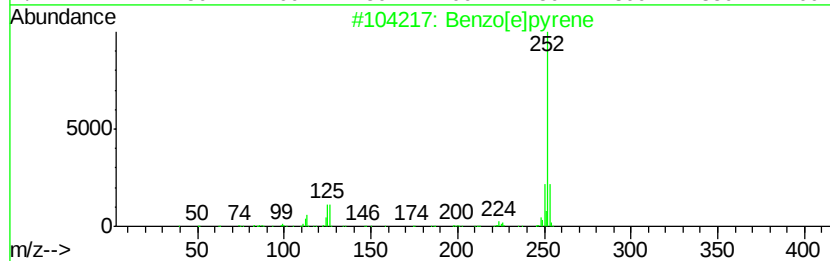
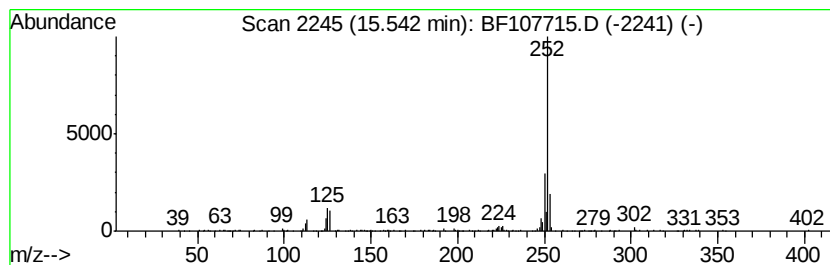
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Benzo[e]pyrene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.54	3.41 ng	244244	Perylene-d12	15.68

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2		Benzo[k]fluoranthene	252	C20H12	000207-08-9	97
3		Perylene	252	C20H12	000198-55-0	97
4		Benzo[a]pyrene	252	C20H12	000050-32-8	93
5		Benz[e]acephenanthrylene	252	C20H12	000205-99-2	93



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF072618\
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 Acq On : 26 Jul 2018 22:15
 Operator : JU/SJ
 Sample : J4109-06 5X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-11(8-10)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
unknown6.74	6.74	14.8	ng	733380	1	6.96	988418	20.0
unknown11.79	11.79	2.0	ng	121028	4	11.49	1193640	20.0
Hexadecanoic acid...	11.87	40.6	ng	2423740	4	11.49	1193640	20.0
Phenanthrene, 1-m...	12.00	2.9	ng	173309	4	11.49	1193640	20.0
Phenanthrene, 2-m...	12.02	2.3	ng	139255	4	11.49	1193640	20.0
4H-Cyclopenta[def...	12.11	5.3	ng	313037	4	11.49	1193640	20.0
9,12-Octadecadien...	12.55	64.6	ng	3853710	4	11.49	1193640	20.0
16-Octadecenoic a...	12.58	111.1	ng	6629330	4	11.49	1193640	20.0
Methyl stearate	12.65	22.1	ng	1318160	4	11.49	1193640	20.0
11H-Benzo[b]fluorene	13.27	3.3	ng	281501	5	14.14	1727090	20.0
Benzo[e]pyrene	15.54	3.4	ng	244244	6	15.68	1432440	20.0