

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092618\
 Data File : BF109348.D
 Acq On : 26 Sep 2018 20:22
 Operator : JU/SJ
 Sample : J4773-15
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CL-02-092518-C

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-BF092218.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.892	473	477	485	rBV	43852	54028	3.75%	0.298%
2	5.316	545	549	552	rBV	1586386	1378159	95.76%	7.607%
3	6.345	719	724	734	rBV	1553130	1417983	98.53%	7.826%
4	6.475	742	746	749	rBV	1725443	1439113	100.00%	7.943%
5	6.710	782	786	789	rBV	620096	557616	38.75%	3.078%
6	6.863	808	812	815	rBV	1447210	1138145	79.09%	6.282%
7	7.263	876	880	884	rBV	954255	866105	60.18%	4.780%
8	7.986	999	1003	1007	rBV	797446	669896	46.55%	3.697%
9	8.592	1102	1106	1109	rBV	24932	24362	1.69%	0.134%
10	9.063	1182	1186	1189	rBV	1807396	1433323	99.60%	7.911%
11	9.157	1198	1202	1205	rBV3	23617	19984	1.39%	0.110%
12	9.398	1238	1243	1246	rBV2	16781	17483	1.21%	0.096%
13	9.457	1250	1253	1256	rBV	443510	342190	23.78%	1.889%
14	9.739	1297	1301	1304	rBV	690886	598664	41.60%	3.304%
15	9.769	1304	1306	1311	rVB	28974	22738	1.58%	0.126%
16	10.280	1391	1393	1399	rVB	36222	29313	2.04%	0.162%
17	10.439	1417	1420	1426	rVB3	15508	19277	1.34%	0.106%
18	10.521	1430	1434	1440	rBV	779484	724716	50.36%	4.000%
19	10.651	1452	1456	1462	rBV3	18445	21020	1.46%	0.116%
20	10.827	1479	1486	1489	rBV4	11752	17548	1.22%	0.097%
21	11.110	1530	1534	1536	rBV2	13552	19709	1.37%	0.109%
22	11.216	1548	1552	1554	rBV	633712	571131	39.69%	3.152%
23	11.239	1554	1556	1559	rVV	254833	198863	13.82%	1.098%
24	11.286	1559	1564	1568	rVB	92391	75602	5.25%	0.417%
25	11.621	1617	1621	1624	rBV2	34605	31316	2.18%	0.173%
26	11.715	1634	1637	1639	rBV	59203	50712	3.52%	0.280%
27	11.745	1639	1642	1647	rVV2	104143	137063	9.52%	0.757%
28	11.786	1647	1649	1652	rVV	37674	36976	2.57%	0.204%
29	11.821	1652	1655	1658	rVV2	105960	116456	8.09%	0.643%
30	11.845	1658	1659	1664	rVB	44198	35214	2.45%	0.194%
31	12.010	1684	1687	1689	rBV	37497	27586	1.92%	0.152%
32	12.263	1726	1730	1733	rBV	51993	54351	3.78%	0.300%
33	12.304	1733	1737	1738	rVV3	94668	97320	6.76%	0.537%
34	12.321	1738	1740	1742	rVV2	85809	73290	5.09%	0.405%

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35	12.345	1742	1744	1749	rVB3	29799	35234	2.45%	0.194%
36	12.421	1753	1757	1760	rBV	498700	425543	29.57%	2.349%
37	12.645	1790	1795	1798	rBV	477344	474760	32.99%	2.620%
38	12.710	1804	1806	1809	rVB	29142	25901	1.80%	0.143%
39	12.768	1813	1816	1817	rBV	26008	22379	1.56%	0.124%
40	12.798	1817	1821	1824	rVV	1481428	1361557	94.61%	7.515%
41	12.868	1828	1833	1836	rBV3	41833	61895	4.30%	0.342%
42	12.951	1844	1847	1848	rBV3	31213	25859	1.80%	0.143%
43	12.974	1848	1851	1854	rVB	86420	91588	6.36%	0.506%
44	13.039	1855	1862	1865	rBV	91288	105772	7.35%	0.584%
45	13.080	1865	1869	1871	rBV	66678	64029	4.45%	0.353%
46	13.168	1882	1884	1887	rVB	46838	39353	2.73%	0.217%
47	13.204	1887	1890	1893	rBV	47294	48294	3.36%	0.267%
48	13.380	1917	1920	1925	rVB3	39948	45016	3.13%	0.248%
49	13.480	1935	1937	1942	rVB	27091	30736	2.14%	0.170%
50	13.592	1952	1956	1958	rBV3	45305	54605	3.79%	0.301%
51	13.621	1958	1961	1963	rVB	26510	25586	1.78%	0.141%
52	13.709	1972	1976	1983	rVB	107987	149312	10.38%	0.824%
53	13.839	1993	1998	2001	rBV2	847028	967117	67.20%	5.338%
54	13.862	2001	2002	2005	rVB	196148	144089	10.01%	0.795%
55	13.945	2014	2016	2019	rVB	41266	33060	2.30%	0.182%
56	14.021	2027	2029	2032	rVB2	54157	49844	3.46%	0.275%
57	14.227	2061	2064	2066	rVB	49757	42506	2.95%	0.235%
58	14.327	2078	2081	2083	rBV2	61721	62016	4.31%	0.342%
59	14.621	2129	2131	2137	rVB2	71687	79296	5.51%	0.438%
60	14.692	2139	2143	2147	rVB	153630	176111	12.24%	0.972%
61	14.851	2166	2170	2178	rBV	145974	275778	19.16%	1.522%
62	14.939	2182	2185	2189	rVB2	91254	107632	7.48%	0.594%
63	15.127	2214	2217	2223	rVB	101627	119994	8.34%	0.662%
64	15.186	2223	2227	2232	rVB	121583	157969	10.98%	0.872%
65	15.245	2232	2237	2240	rBV	422203	497661	34.58%	2.747%

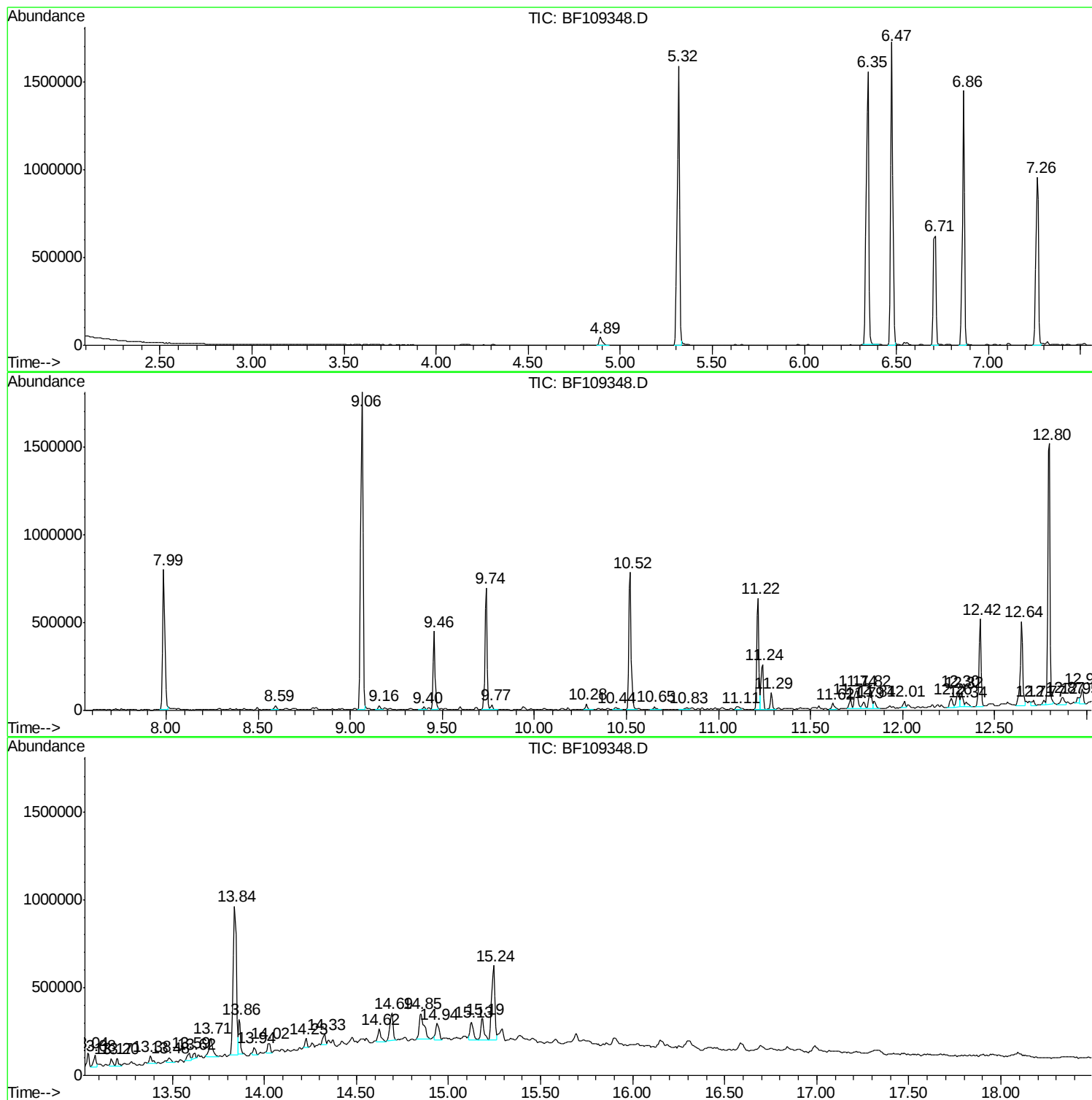
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF092218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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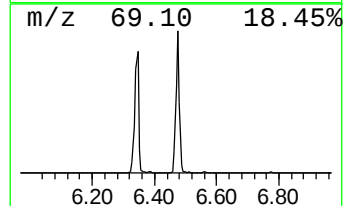
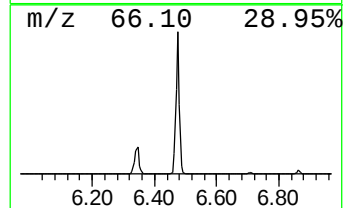
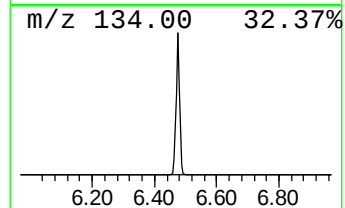
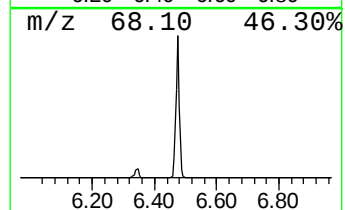
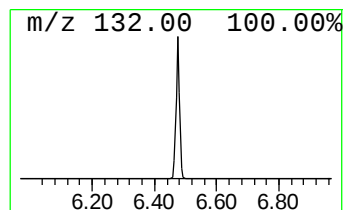
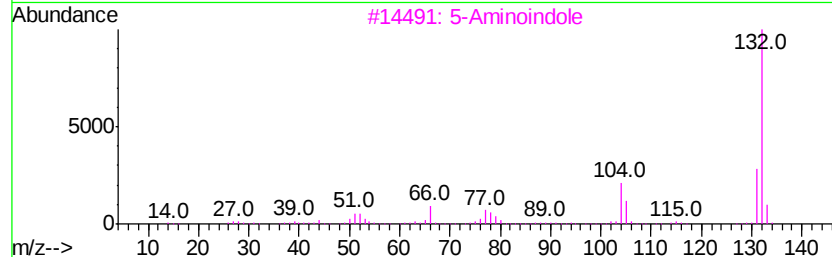
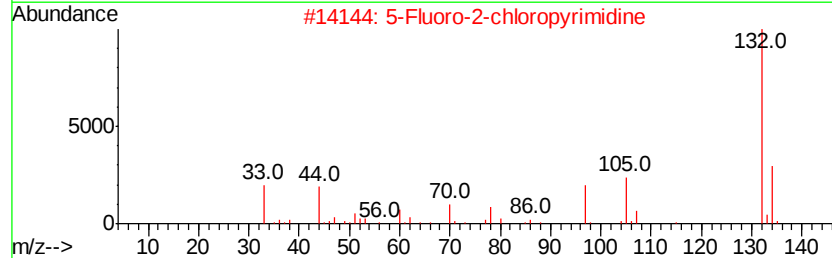
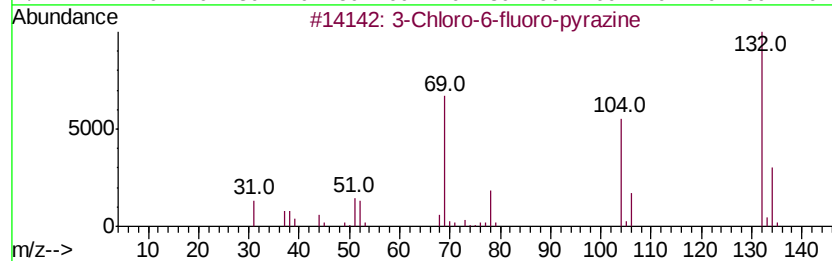
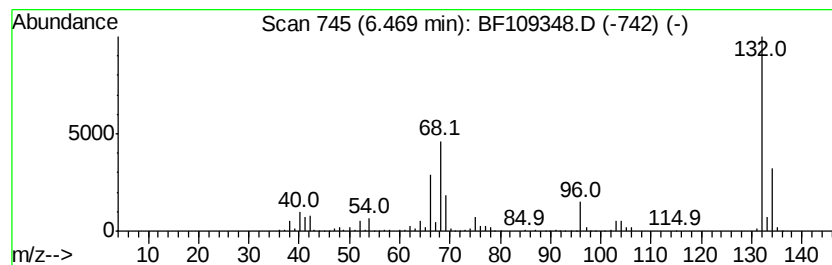
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF092218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown6.47 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.47	51.62 ng	1439110	1,4-Dichlorobenzene-d4	6.71

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
2			5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
3			5-Aminoindole	132	C8H8N2	005192-03-0	12
4			Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5			4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9



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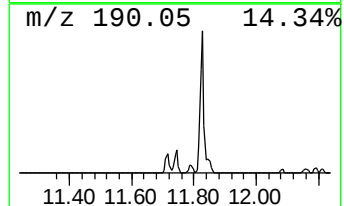
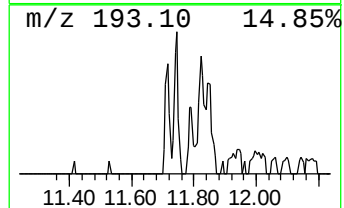
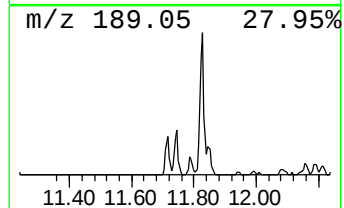
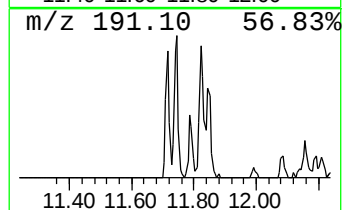
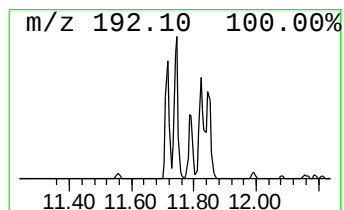
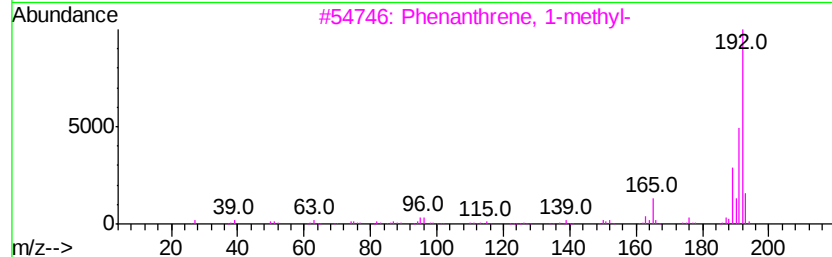
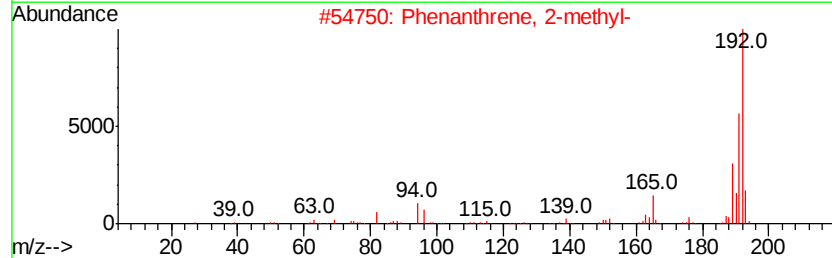
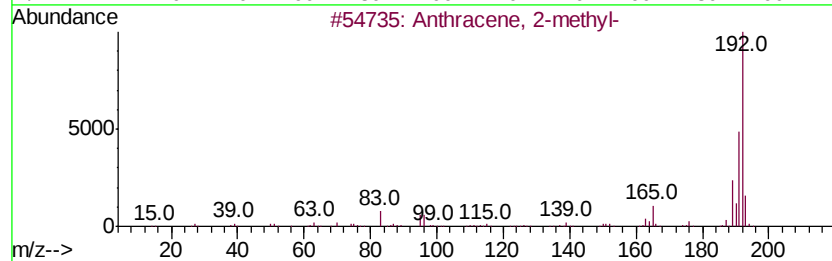
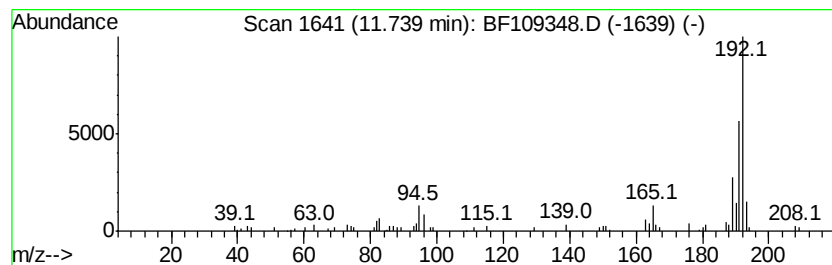
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 3 Anthracene, 2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.74	4.80 ng	137063	Phenanthrene-d10	11.22

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
2		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
3		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
4		Anthracene, 1-methyl-	192	C15H12	000610-48-0	94
5		Anthracene, 9-methyl-	192	C15H12	000779-02-2	93



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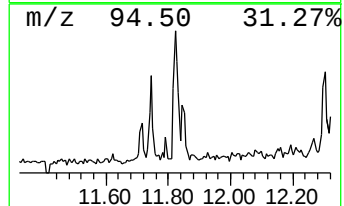
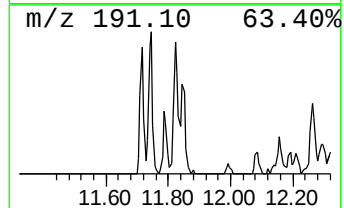
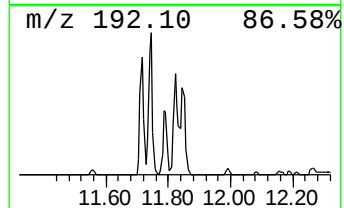
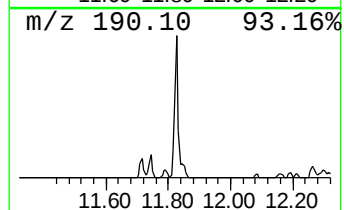
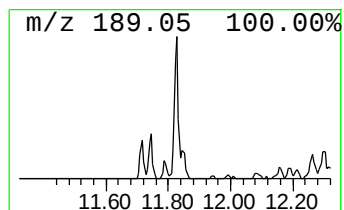
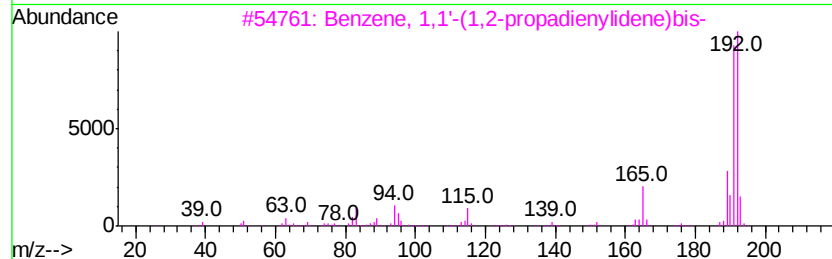
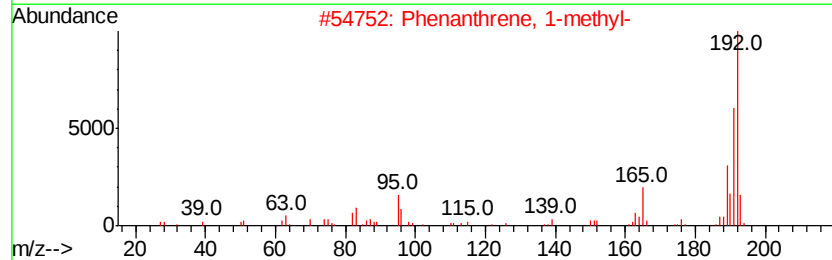
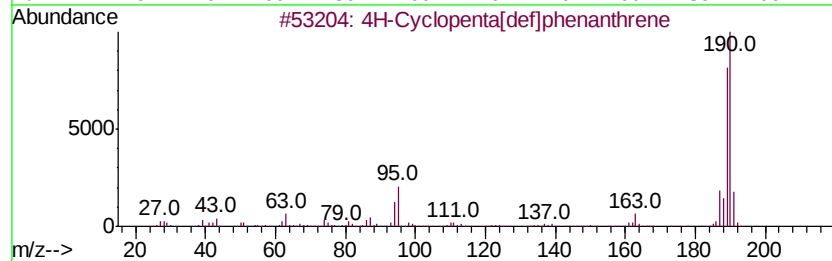
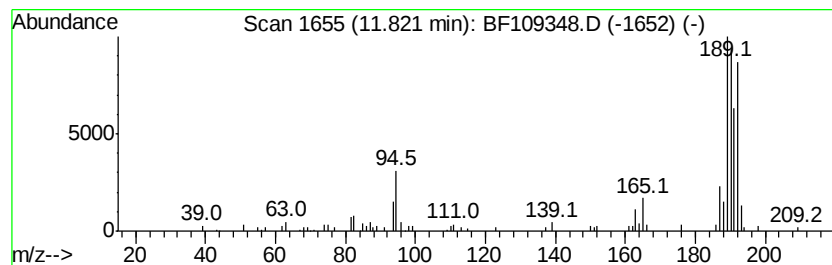
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.82	4.08 ng	116456	Phenanthrene-d10	11.22

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	50
2		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	42
3		Benzene, 1,1'-(1,2-propadienyldi...	192	C15H12	014251-57-1	38
4		1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	38
5		Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	38



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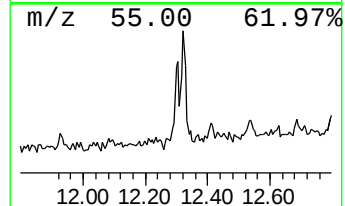
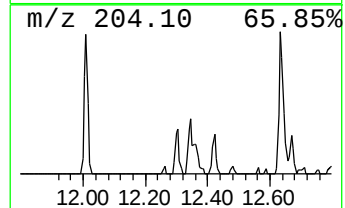
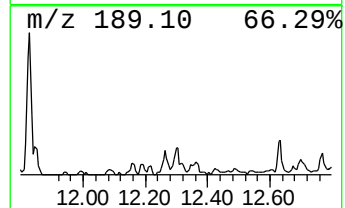
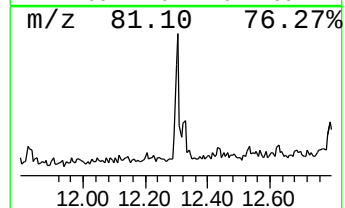
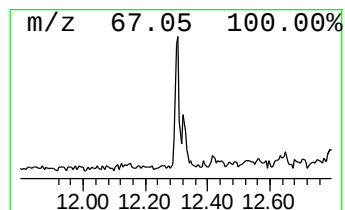
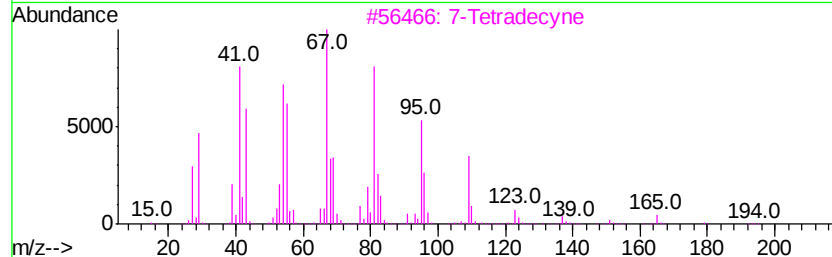
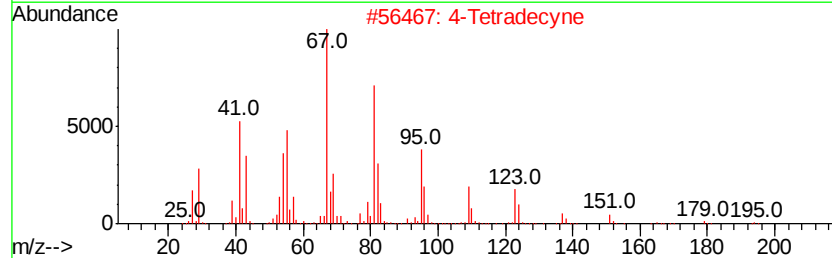
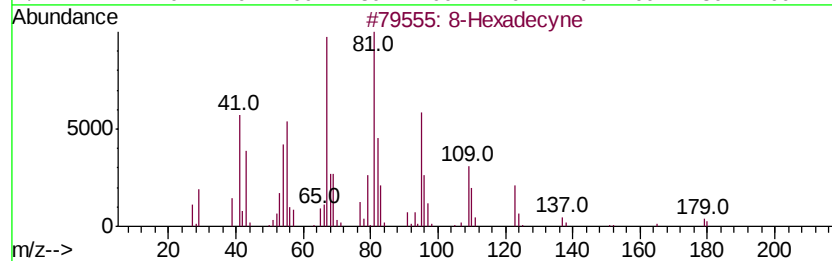
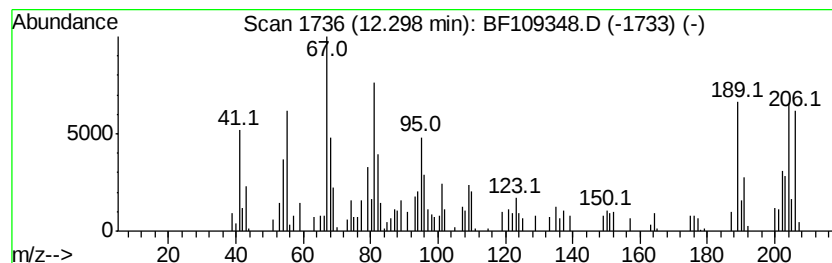
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 5 8-Hexadecyne Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.30	3.41 ng	97320	Phenanthrene-d10	11.22

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	8-Hexadecyne		222	C16H30	019781-86-3	55
2	4-Tetradecyne		194	C14H26	060212-33-1	46
3	7-Tetradecyne		194	C14H26	035216-11-6	43
4	7-Hexadecyne		222	C16H30	074685-28-2	43
5	Spiro[2.5]octane		110	C8H14	000185-65-9	30



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Misc :
ALS Vial : 19 Sample Multiplier: 1

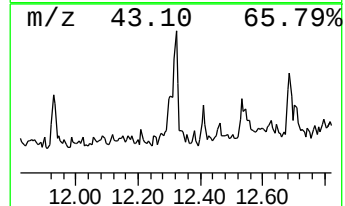
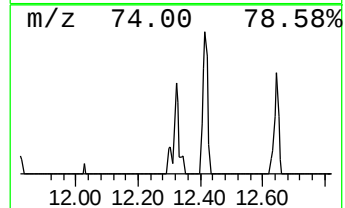
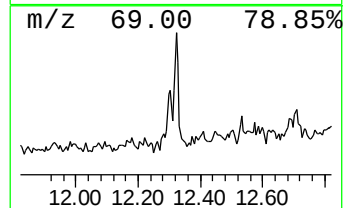
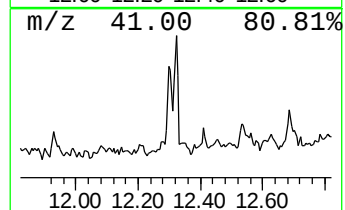
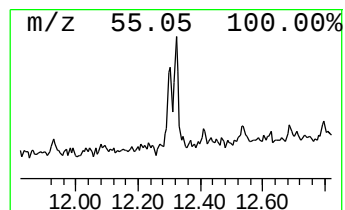
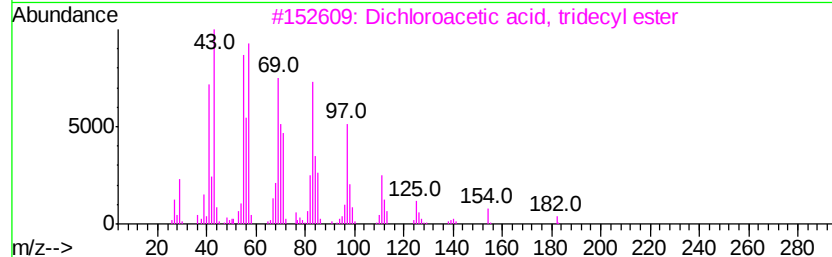
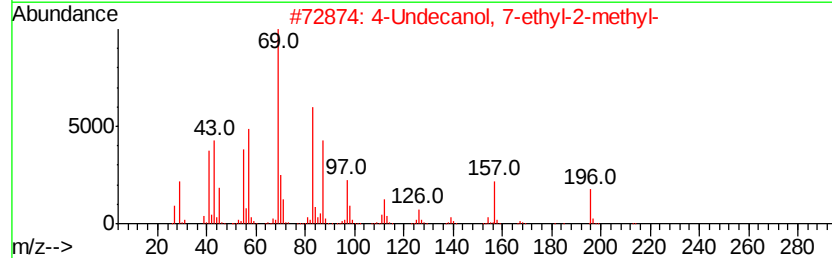
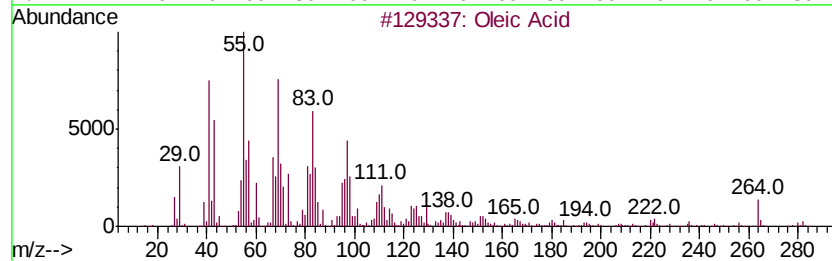
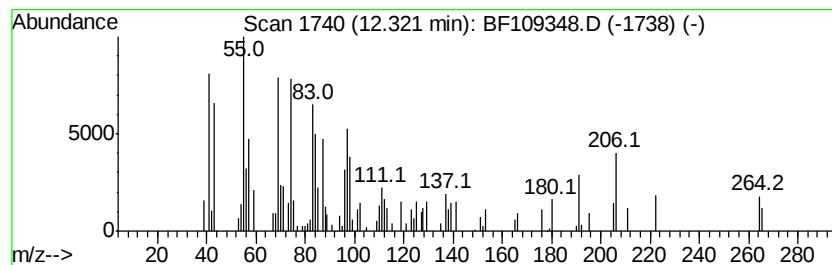
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ClientSampleId :
CL-02-092518-C

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF092218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 unknown12.32 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.		
12.32	2.57 ng	73290	Phenanthrene-d10	11.22		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Oleic Acid	282	C18H34O2	000112-80-1	35
2		4-Undecanol, 7-ethyl-2-methyl-	214	C14H30O	000103-20-8	27
3		Dichloroacetic acid, tridecyl ester	310	C15H28Cl2O2	1000280-48-3	22
4		(Z)-3-Heptene	98	C7H14	007642-10-6	18
5		2-Pentene, 3-ethyl-	98	C7H14	000816-79-5	18



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092618\
Data File : BF109348.D
Acq On : 26 Sep 2018 20:22
Operator : JU/SJ
Sample : J4773-15
Misc :
ALS Vial : 19 Sample Multiplier: 1

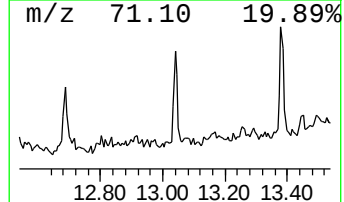
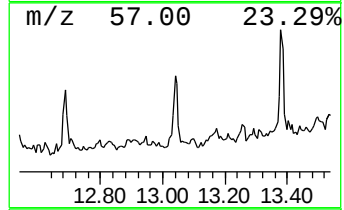
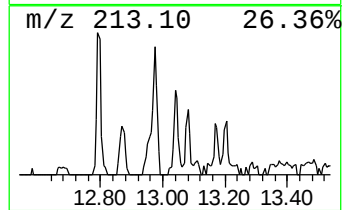
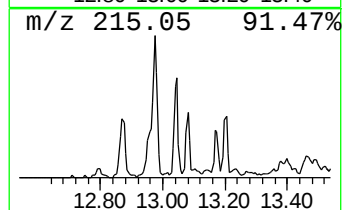
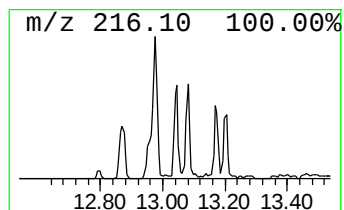
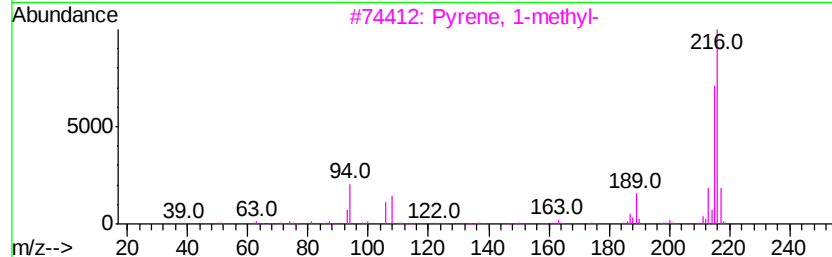
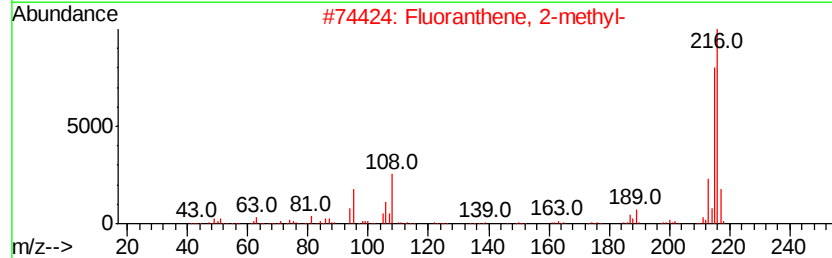
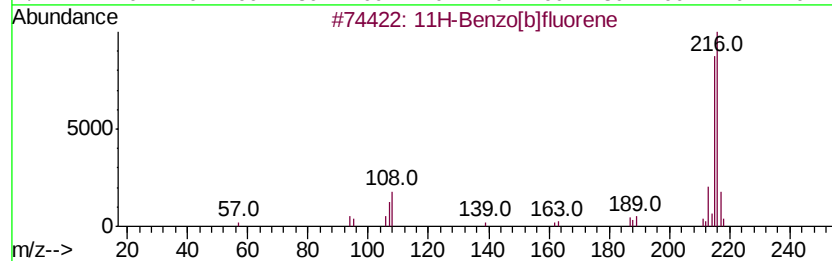
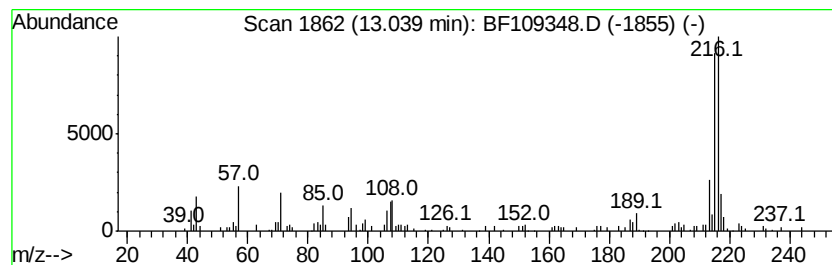
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF092218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 11H-Benzo[b]fluorene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.04	2.19 ng	105772	Chrysene-d12	13.84
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		11H-Benzo[b]fluorene	216 C17H12	000243-17-4 96
2		Fluoranthene, 2-methyl-	216 C17H12	033543-31-6 91
3		Pyrene, 1-methyl-	216 C17H12	002381-21-7 90
4		11H-Benzo[a]fluorene	216 C17H12	000238-84-6 87
5		7H-Benzo[c]fluorene	216 C17H12	000205-12-9 64



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092618\
Data File : BF109348.D
Acq On : 26 Sep 2018 20:22
Operator : JU/SJ
Sample : J4773-15
Misc :
ALS Vial : 19 Sample Multiplier: 1

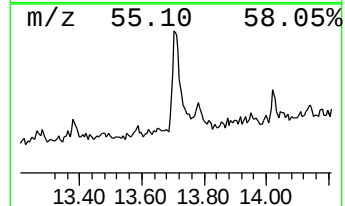
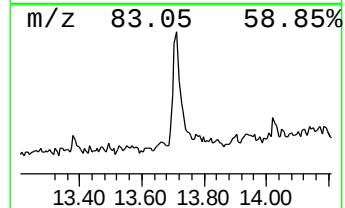
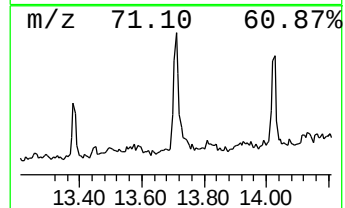
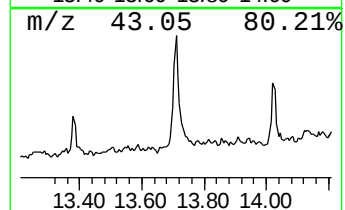
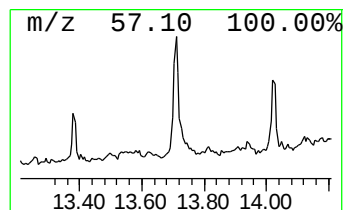
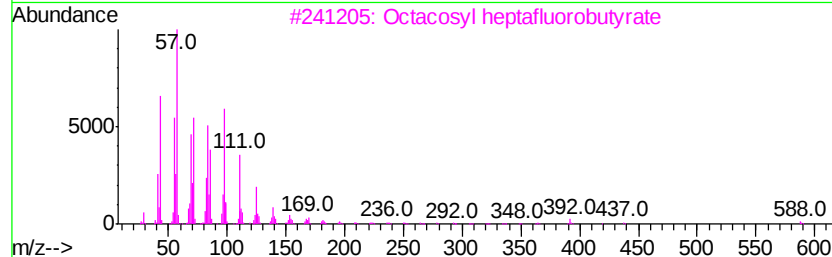
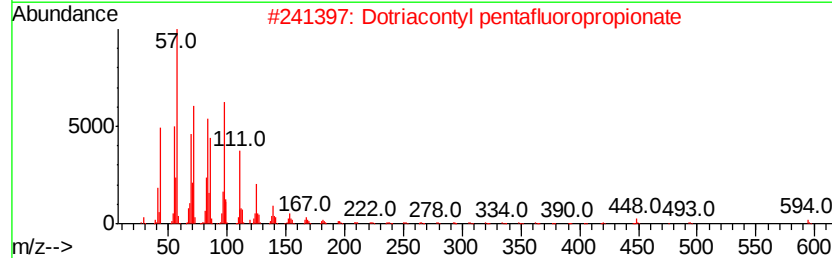
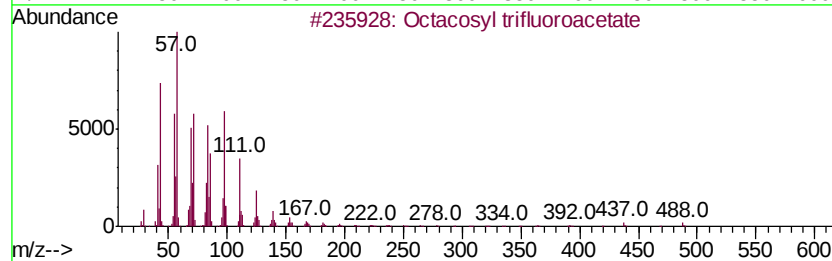
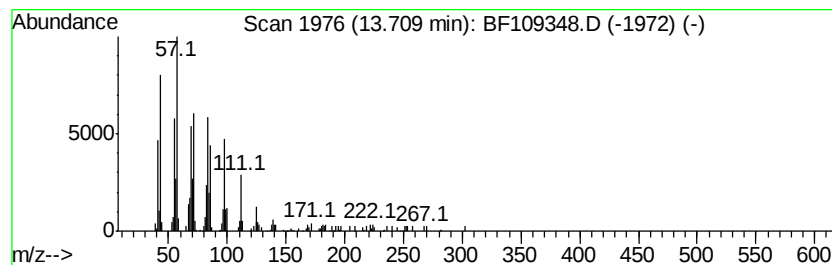
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF092218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Octacosyl trifluoroacetate Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.71	3.09 ng	149312	Chrysene-d12	13.84	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosyl trifluoroacetate	506	C30H57F3O2	1000351-74-9	94
2	Dotriacontyl pentafluoropropionate	612	C35H65F5O2	1000351-81-4	91
3	Octacosyl heptafluorobutvrate	606	C32H57F7O2	1000351-83-6	91
4	Oxalic acid, hexadecyl propyl ester	356	C21H40O4	1000309-26-9	91
5	Tetratriacontyl pentafluoropropi...	641	C37H69F5O2	1000351-81-5	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092618\
Data File : BF109348.D
Acq On : 26 Sep 2018 20:22
Operator : JU/SJ
Sample : J4773-15
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
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ClientSampleId :
CL-02-092518-C

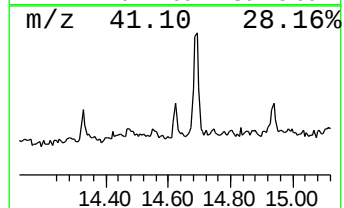
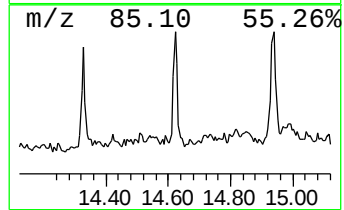
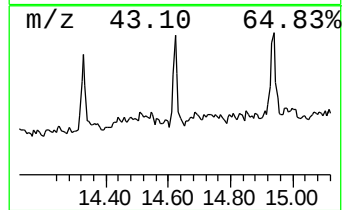
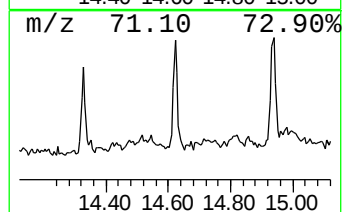
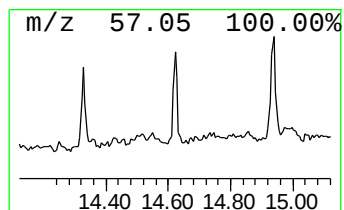
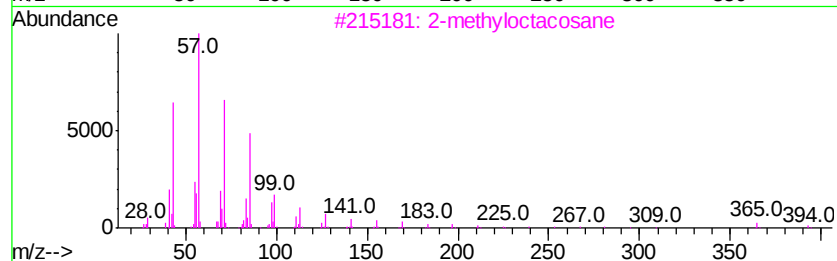
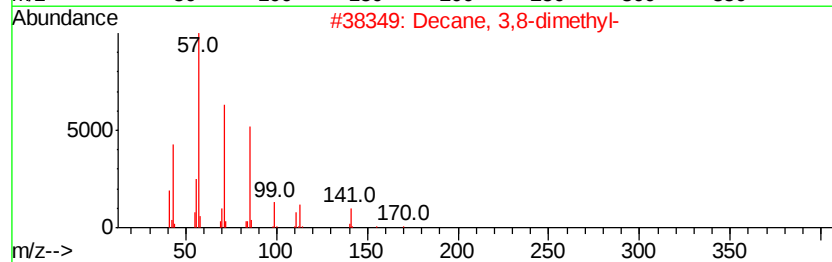
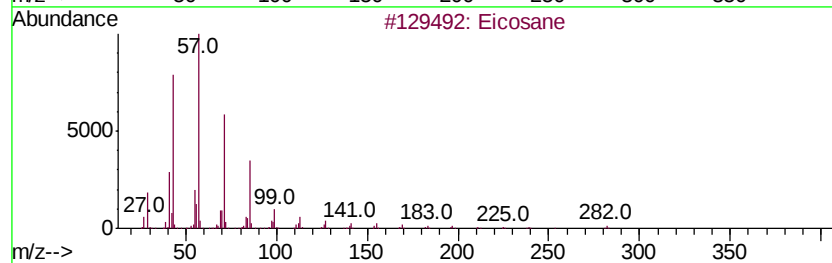
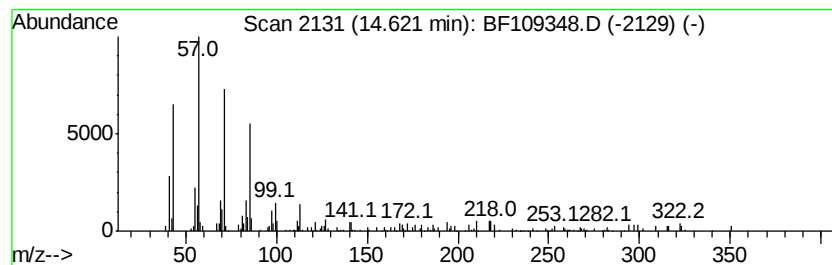
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Eicosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.62	3.19 ng	79296	Perylene-d12	15.24

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	86
2		Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	70
3		2-methyloctacosane	408	C29H60	1000376-72-8	62
4		Octadecane	254	C18H38	000593-45-3	58
5		Heptadecane	240	C17H36	000629-78-7	58



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092618\
Data File : BF109348.D
Acq On : 26 Sep 2018 20:22
Operator : JU/SJ
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Misc :
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Instrument :
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ClientSampleId :
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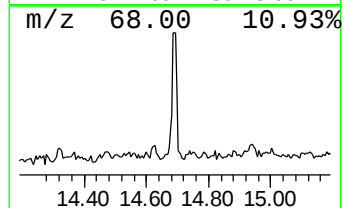
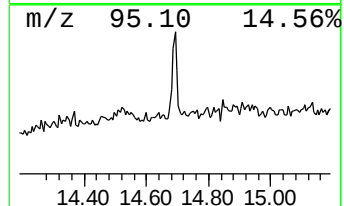
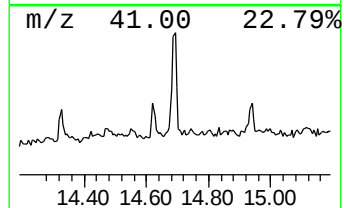
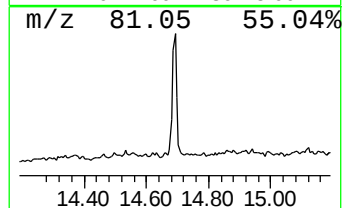
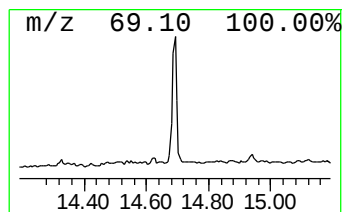
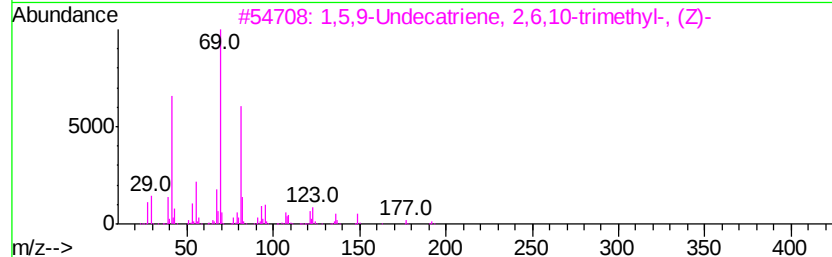
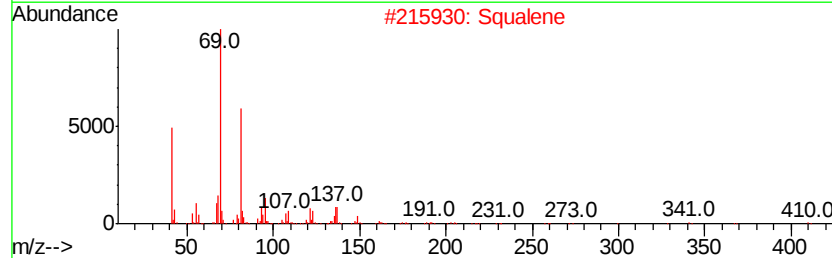
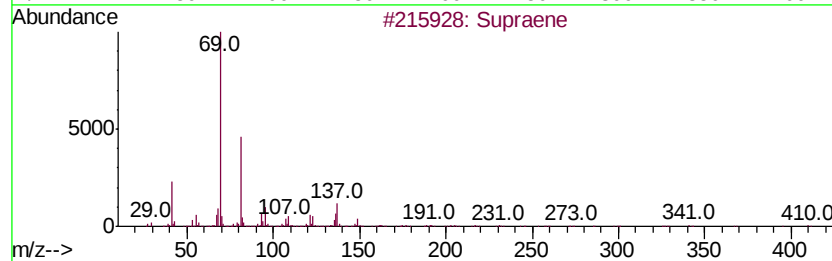
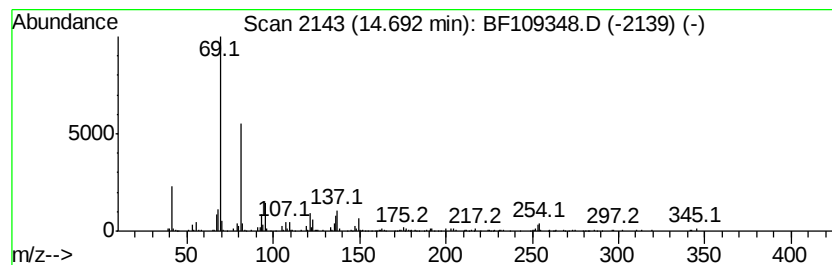
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Supraene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.69	7.08 ng	176111	Perylene-d12	15.24

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Supraene	410	C30H50	007683-64-9	87
2		Squalene	410	C30H50	000111-02-4	83
3		1,5,9-Undecatriene, 2,6,10-trime...	192	C14H24	062951-96-6	81
4		1,5,9-Decatriene, 2,3,5,8-tetram...	192	C14H24	230646-72-7	58
5		1,6-Octadiene, 3,5-dimethyl-, tr...	138	C10H18	074630-87-8	50



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092618\
Data File : BF109348.D
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Sample : J4773-15
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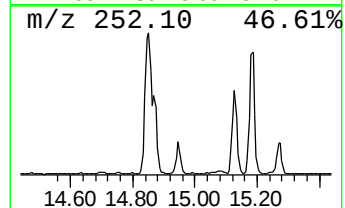
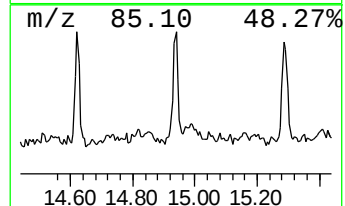
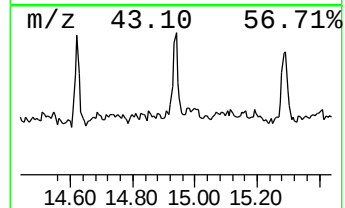
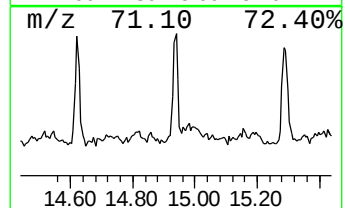
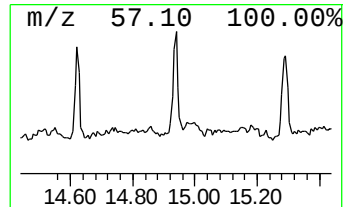
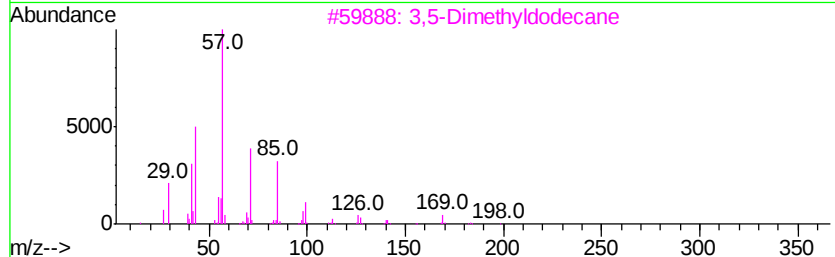
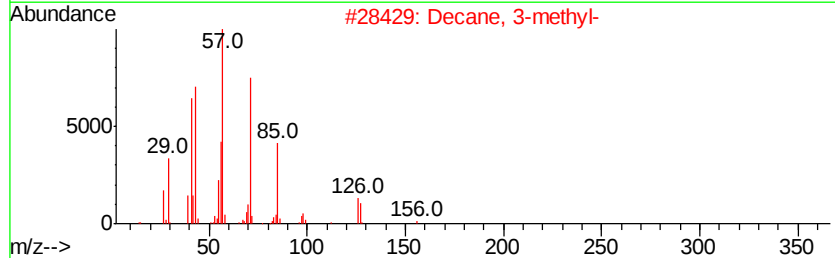
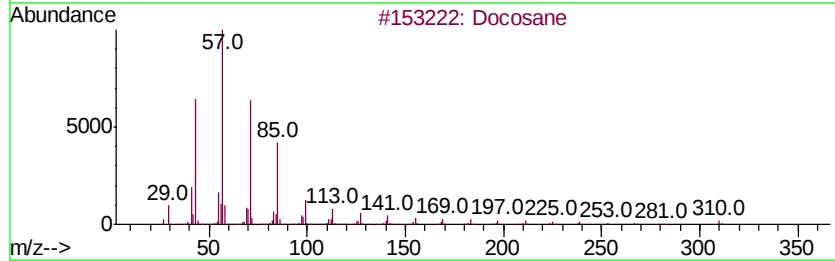
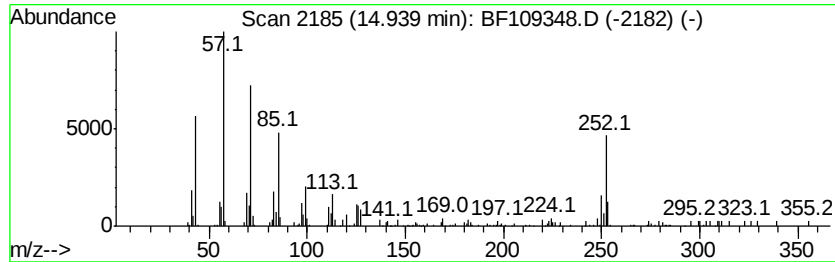
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Docosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.94	4.33 ng	107632	Perylene-d12	15.24
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Docosane		310 C22H46	000629-97-0 60
2	Decane, 3-methyl-		156 C11H24	013151-34-3 50
3	3,5-Dimethyldodecane		198 C14H30	107770-99-0 49
4	Hentriacontane		437 C31H64	000630-04-6 49
5	Hexadecane		226 C16H34	000544-76-3 46



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092618\
Data File : BF109348.D
Acq On : 26 Sep 2018 20:22
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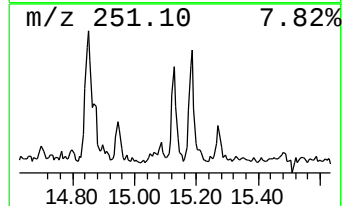
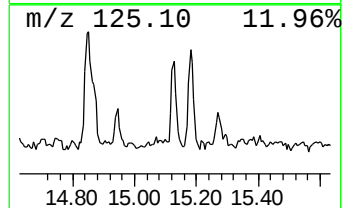
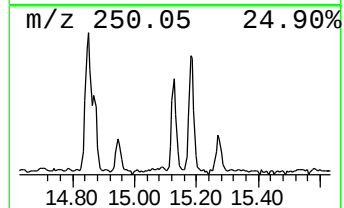
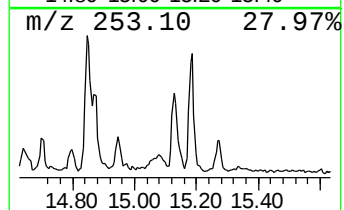
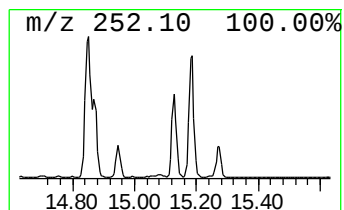
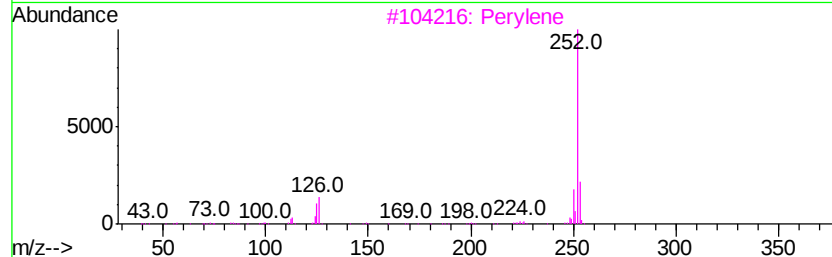
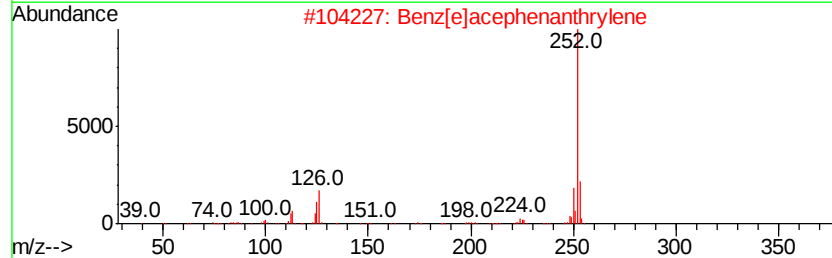
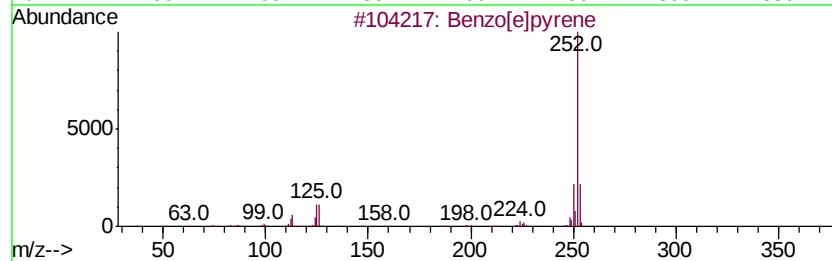
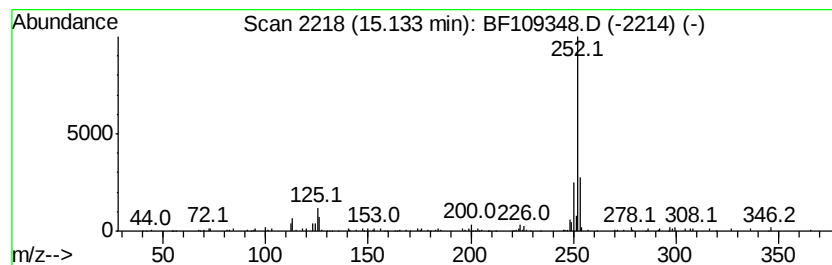
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Benzo[e]pyrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.13	4.82 ng	119994	Perylene-d12	15.24

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benzo[e]pyrene	252	C20H12	000192-97-2	98
2		Benz[e]acephenanthrylene	252	C20H12	000205-99-2	93
3		Perylene	252	C20H12	000198-55-0	90
4		Benzo[a]pyrene	252	C20H12	000050-32-8	90
5		Benzo[k]fluoranthene	252	C20H12	000207-08-9	76



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF092618\
Data File : BF109348.D
Acq On : 26 Sep 2018 20:22
Operator : JU/SJ
Sample : J4773-15
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CL-02-092518-C

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092218.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
unknown6.47	6.47	51.6	ng	1439110	1	6.71	557616	20.0
Anthracene, 2-met...	11.74	4.8	ng	137063	4	11.22	571131	20.0
4H-Cyclopenta[def...	11.82	4.1	ng	116456	4	11.22	571131	20.0
8-Hexadecyne	12.30	3.4	ng	97320	4	11.22	571131	20.0
unknown12.32	12.32	2.6	ng	73290	4	11.22	571131	20.0
11H-Benzo[b]fluorene	13.04	2.2	ng	105772	5	13.84	967117	20.0
Octacosyl trifluo...	13.71	3.1	ng	149312	5	13.84	967117	20.0
Eicosane	14.62	3.2	ng	79296	6	15.24	497661	20.0
Supraene	14.69	7.1	ng	176111	6	15.24	497661	20.0
Docosane	14.94	4.3	ng	107632	6	15.24	497661	20.0
Benzo[e]pyrene	15.13	4.8	ng	119994	6	15.24	497661	20.0