

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF080118\
 Data File : BF107888.D
 Acq On : 1 Aug 2018 14:53
 Operator : JU/SJ
 Sample : J4241-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FS-RO-226

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-BF073018.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	5.190	481	485	496	rBV	301901	367626	17.88%	1.261%
2	5.595	551	554	584	rBV	925889	1789180	87.01%	6.137%
3	6.601	721	725	744	rBV	893988	1795316	87.30%	6.158%
4	6.737	744	748	768	rVB	1546975	2056381	100.00%	7.053%
5	6.966	783	787	809	rVV	361966	661038	32.15%	2.267%
6	7.113	809	812	836	rVB	1276323	1546972	75.23%	5.306%
7	7.531	879	883	906	rBV	480027	1186133	57.68%	4.068%
8	8.242	1001	1004	1022	rBV	575891	901121	43.82%	3.091%
9	9.313	1183	1186	1202	rBV	1461458	1932796	93.99%	6.629%
10	9.660	1241	1245	1248	rBV3	17633	22405	1.09%	0.077%
11	9.707	1250	1253	1262	rVV	238646	292295	14.21%	1.003%
12	9.772	1262	1264	1273	rVV6	13321	29120	1.42%	0.100%
13	9.866	1275	1280	1285	rVV2	19767	28170	1.37%	0.097%
14	10.001	1299	1303	1307	rBV	855741	865584	42.09%	2.969%
15	10.160	1326	1330	1334	rVB3	15399	22021	1.07%	0.076%
16	10.407	1369	1372	1375	rBV	53599	43333	2.11%	0.149%
17	10.560	1390	1398	1402	rBV4	34535	56431	2.74%	0.194%
18	10.624	1402	1409	1414	rVV6	22224	49626	2.41%	0.170%
19	10.713	1421	1424	1428	rVB3	22958	25943	1.26%	0.089%
20	10.795	1435	1438	1450	rBV	827660	1256159	61.09%	4.309%
21	10.883	1450	1453	1460	rVB	70151	110014	5.35%	0.377%
22	11.101	1484	1490	1493	rBV7	23830	47740	2.32%	0.164%
23	11.330	1527	1529	1531	rBV	39603	33167	1.61%	0.114%
24	11.354	1531	1533	1537	rVB2	27130	29083	1.41%	0.100%
25	11.401	1538	1541	1550	rVB2	24223	44448	2.16%	0.152%
26	11.501	1554	1558	1560	rBV	694091	833728	40.54%	2.860%
27	11.524	1560	1562	1569	rVV	671156	845010	41.09%	2.898%
28	11.577	1569	1571	1581	rVB	109006	203166	9.88%	0.697%
29	11.760	1600	1602	1604	rVB	30404	21694	1.05%	0.074%
30	11.783	1604	1606	1609	rVV2	25234	24310	1.18%	0.083%
31	11.830	1612	1614	1623	rVB	43557	68015	3.31%	0.233%
32	12.001	1639	1643	1646	rBV	133572	162692	7.91%	0.558%
33	12.030	1646	1648	1654	rVB2	115995	139298	6.77%	0.478%
34	12.077	1654	1656	1659	rBV	27374	26332	1.28%	0.090%

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 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	12.113	1659	1662	1665	rBV2	132274	181859	8.84%	0.624%
36	12.301	1690	1694	1698	rBV	60065	91288	4.44%	0.313%
37	12.448	1715	1719	1721	rBV3	25324	30977	1.51%	0.106%
38	12.554	1733	1737	1739	rBV2	86696	99784	4.85%	0.342%
39	12.589	1739	1743	1745	rVV3	41091	60357	2.94%	0.207%
40	12.648	1748	1753	1761	rVB5	40449	77157	3.75%	0.265%
41	12.718	1761	1765	1773	rBV	821538	1009199	49.08%	3.461%
42	12.777	1773	1775	1780	rVB5	29146	40776	1.98%	0.140%
43	12.871	1788	1791	1793	rBV4	24769	31047	1.51%	0.106%
44	12.948	1798	1804	1810	rBV	998136	1264808	61.51%	4.338%
45	13.077	1823	1826	1837	rBV	1532513	1841758	89.56%	6.317%
46	13.160	1837	1840	1847	rVB3	67817	135986	6.61%	0.466%
47	13.260	1852	1857	1858	rBV5	49571	70416	3.42%	0.242%
48	13.283	1858	1861	1865	rVV2	102309	126406	6.15%	0.434%
49	13.348	1868	1872	1874	rBV	53422	67997	3.31%	0.233%
50	13.383	1875	1878	1885	rVB2	82733	129197	6.28%	0.443%
51	13.471	1890	1893	1896	rBV	61419	71912	3.50%	0.247%
52	13.507	1896	1899	1902	rVV	52331	49997	2.43%	0.171%
53	13.624	1916	1919	1923	rBV	71344	74225	3.61%	0.255%
54	13.795	1945	1948	1953	rBV	39486	55241	2.69%	0.189%
55	13.901	1963	1966	1968	rBV	51669	59137	2.88%	0.203%
56	13.924	1968	1970	1973	rVV	67656	71968	3.50%	0.247%
57	13.960	1973	1976	1981	rVV3	182110	252048	12.26%	0.865%
58	14.154	2003	2009	2011	rBV2	1016485	1440208	70.04%	4.940%
59	14.177	2011	2013	2024	rVV	459423	656747	31.94%	2.253%
60	14.271	2027	2029	2034	rVB2	105575	108328	5.27%	0.372%
61	14.501	2066	2068	2070	rBV2	30930	30367	1.48%	0.104%
62	14.542	2072	2075	2078	rVV2	67892	80225	3.90%	0.275%
63	14.577	2078	2081	2086	rVV	117395	143217	6.96%	0.491%
64	14.901	2133	2136	2140	rVB	113342	118129	5.74%	0.405%
65	14.977	2147	2149	2154	rVB	58509	68745	3.34%	0.236%
66	15.230	2188	2192	2194	rBV2	287736	428927	20.86%	1.471%
67	15.348	2209	2212	2218	rVB	46741	58657	2.85%	0.201%
68	15.554	2243	2247	2254	rBV	180315	279099	13.57%	0.957%
69	15.624	2255	2259	2262	rVV	255099	386710	18.81%	1.326%
70	15.689	2266	2270	2286	rVB	659425	1210417	58.86%	4.152%
71	16.112	2338	2342	2347	rVB2	68992	107118	5.21%	0.367%

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Sampling : 1 Min Area: 3 % of largest Peak
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Stop Thrs : 0 Peak Location: TOP

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72	16.648	2430	2433	2447	rVB6	63061	177351	8.62%	0.608%
73	17.277	2535	2540	2549	rVB3	110341	282044	13.72%	0.967%
74	17.753	2617	2621	2632	rVB	63322	169076	8.22%	0.580%

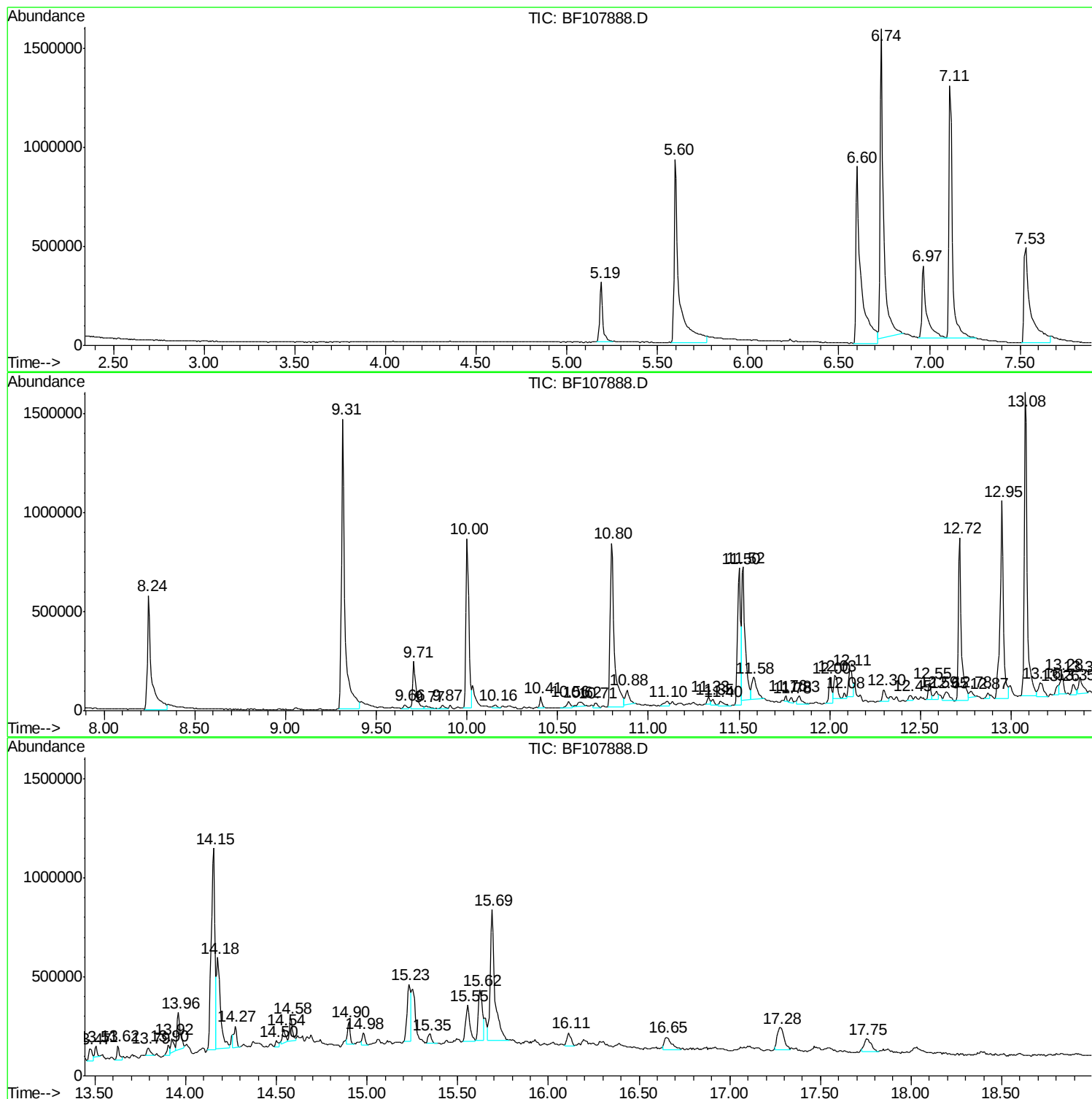
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Misc :
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Instrument :
BNA_F
ClientSampled :
FS-RO-226

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073018.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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Sample : J4241-01
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Instrument :
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ClientSampleId :
FS-RO-226

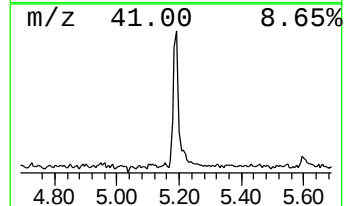
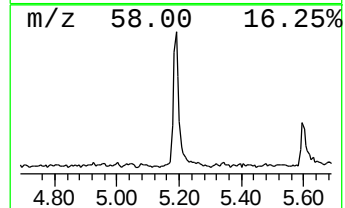
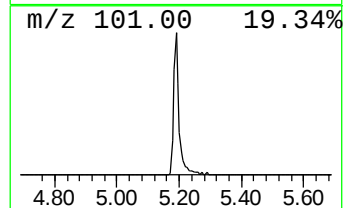
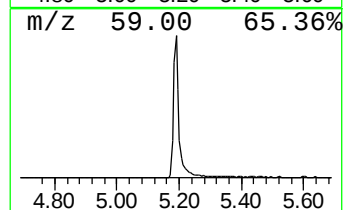
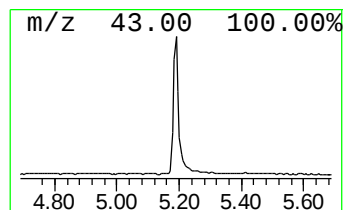
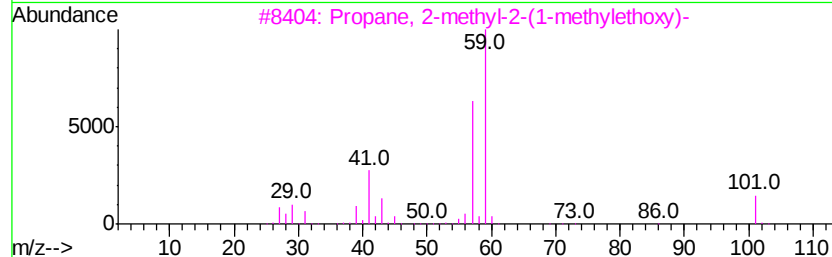
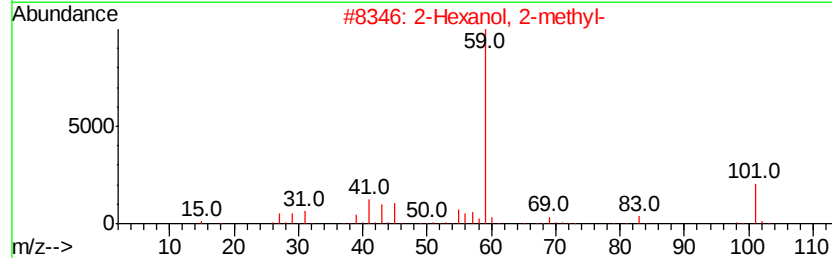
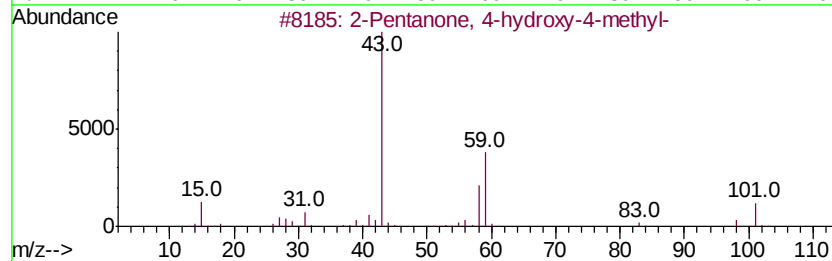
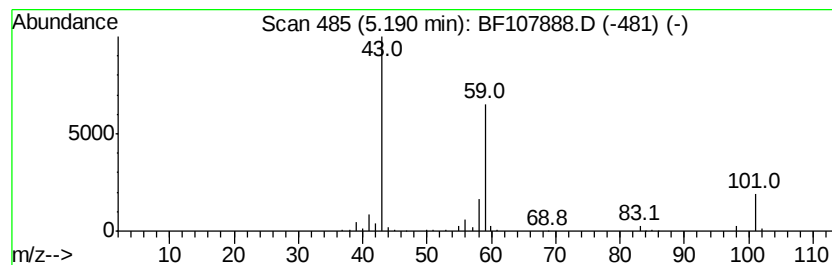
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.19	11.12 ng	367626	1,4-Dichlorobenzene-d4	6.97

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	72
2			2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	33
3			Propane, 2-methyl-2-(1-methylethoxy)-	116	C7H16O	017348-59-3	28
4			3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	28
5			Acetic acid, cyano-, 1,1-dimethyl-	141	C7H11NO2	001116-98-9	17



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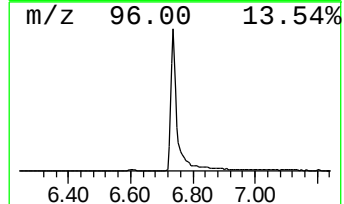
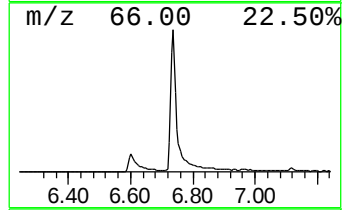
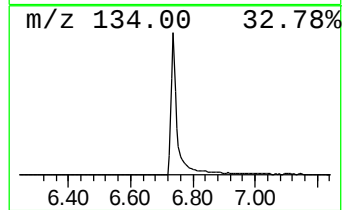
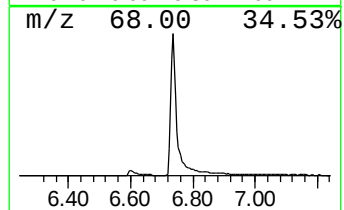
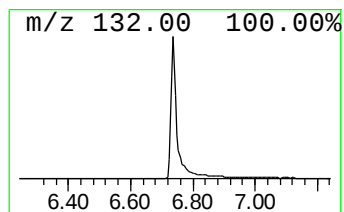
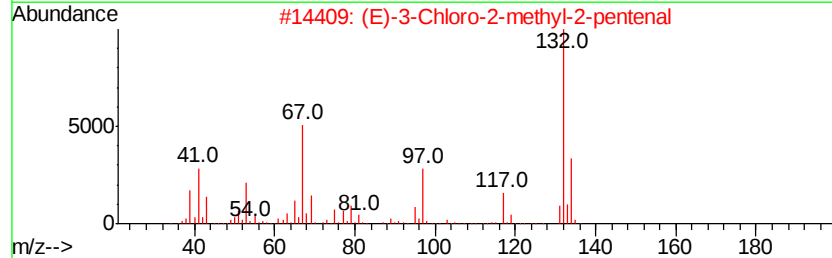
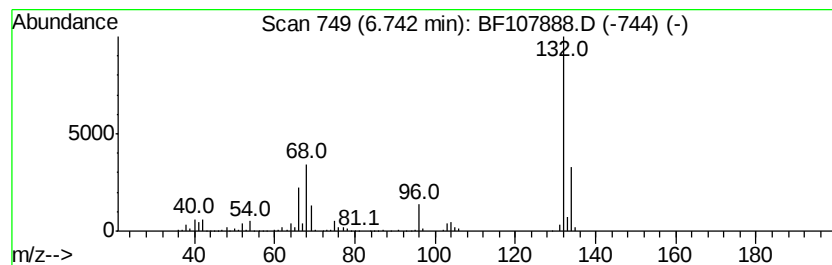
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 unknown6.74 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.74	62.22 ng	2056380	1,4-Dichlorobenzene-d4	6.97

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	12
3		Tranvlcypropine-propionyl	189	C12H15NO	1000123-86-3	12
4		5-Aminoindole	132	C8H8N2	005192-03-0	12
5		4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9



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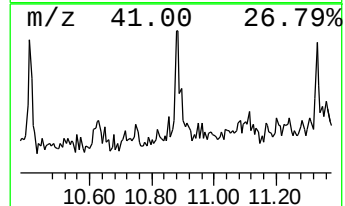
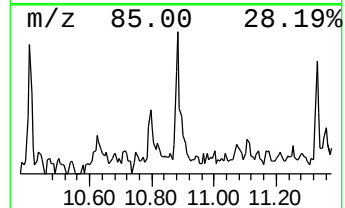
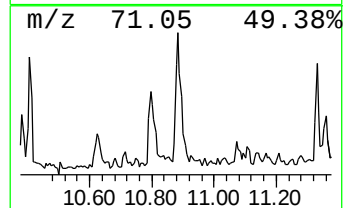
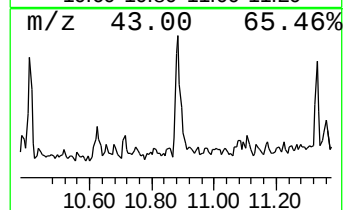
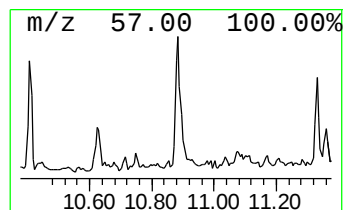
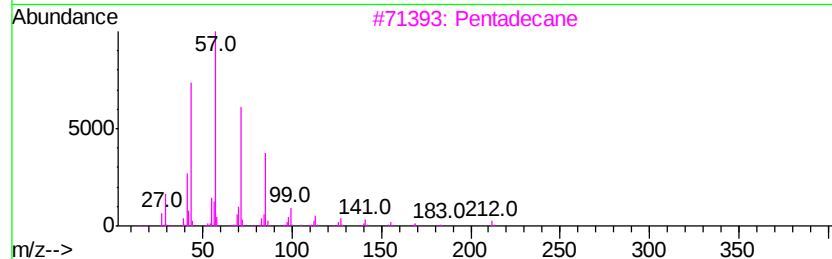
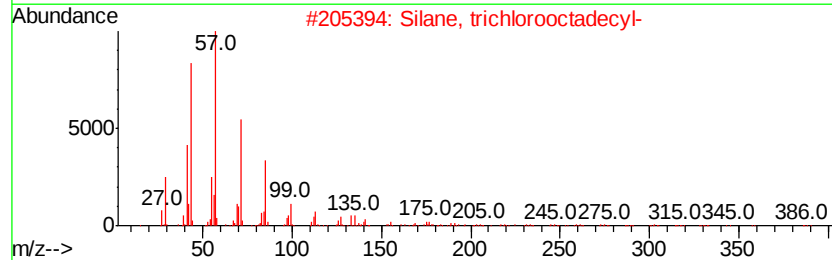
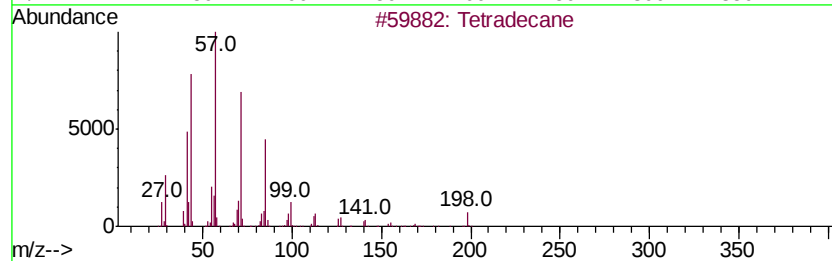
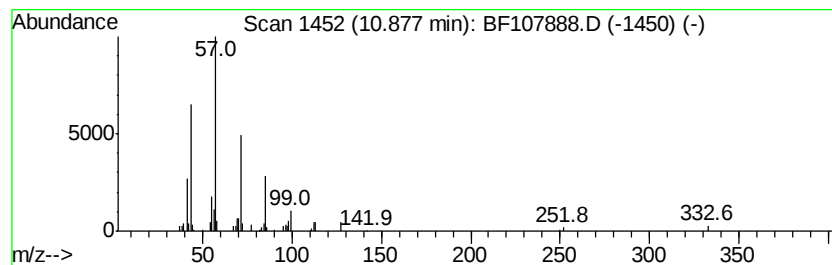
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Tetradecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.88	2.64 ng	110014	Phenanthrene-d10	11.50

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tetradecane	198	C14H30	000629-59-4	90
2		Silane, trichlorooctadecyl-	386	C18H37Cl3Si	000112-04-9	90
3		Pentadecane	212	C15H32	000629-62-9	86
4		Tetracosane	338	C24H50	000646-31-1	86
5		Tritetracontane	605	C43H88	007098-21-7	83



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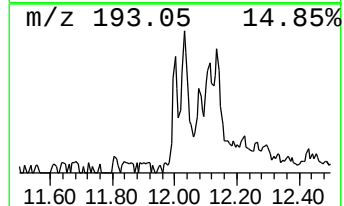
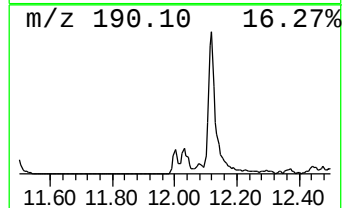
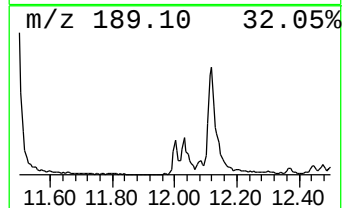
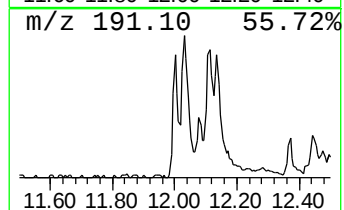
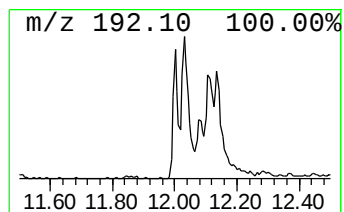
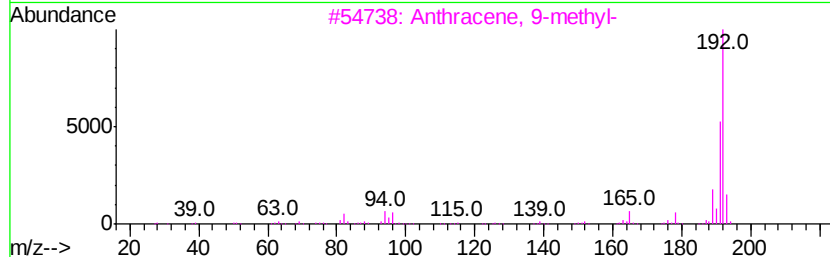
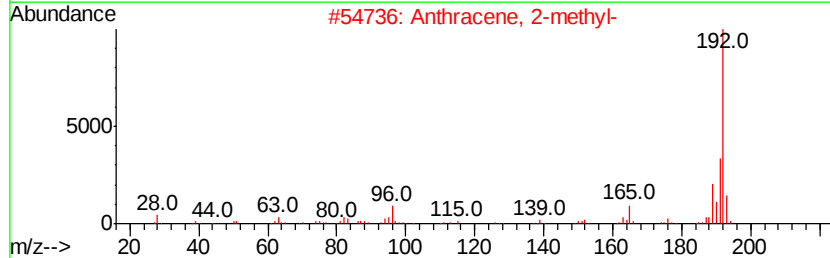
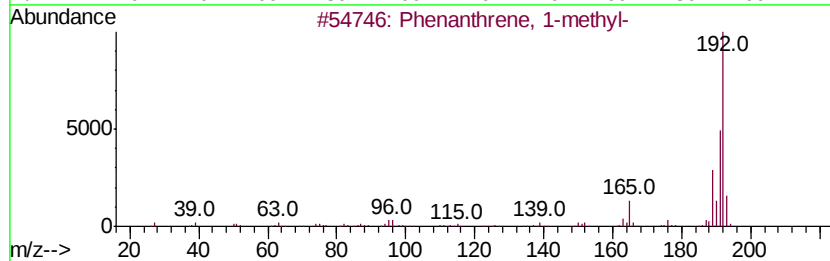
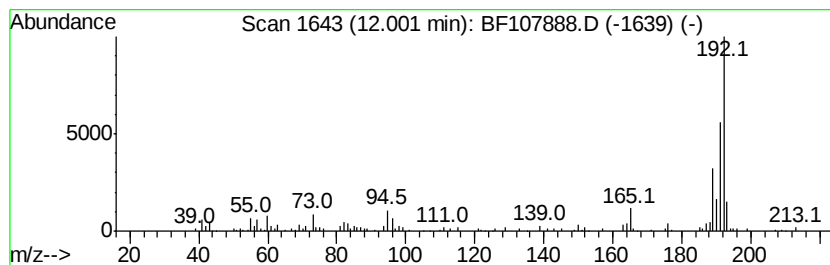
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Phenanthrene, 1-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.00	3.90 ng	162692	Phenanthrene-d10	11.50

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
2		Anthracene, 2-methyl-	192	C15H12	000613-12-7	92
3		Anthracene, 9-methyl-	192	C15H12	000779-02-2	91
4		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	91
5		Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080118\
Data File : BF107888.D
Acq On : 1 Aug 2018 14:53
Operator : JU/SJ
Sample : J4241-01
Misc :
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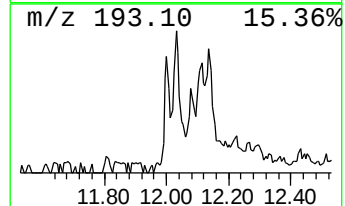
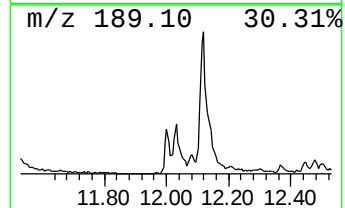
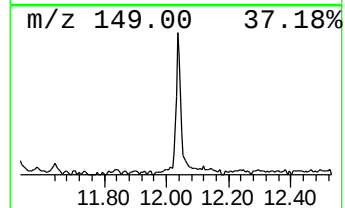
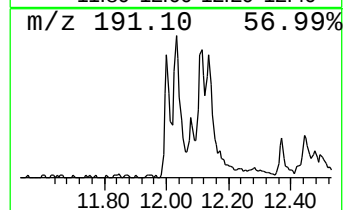
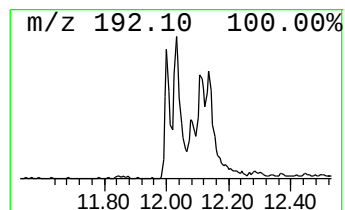
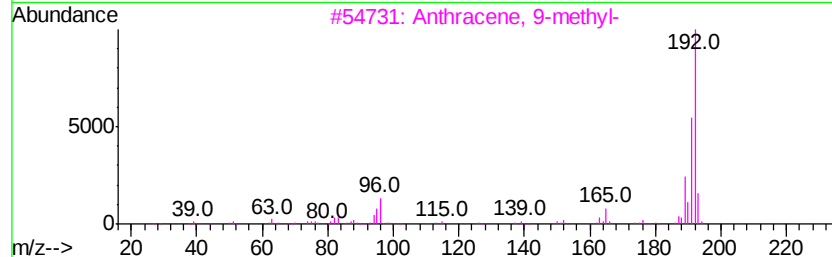
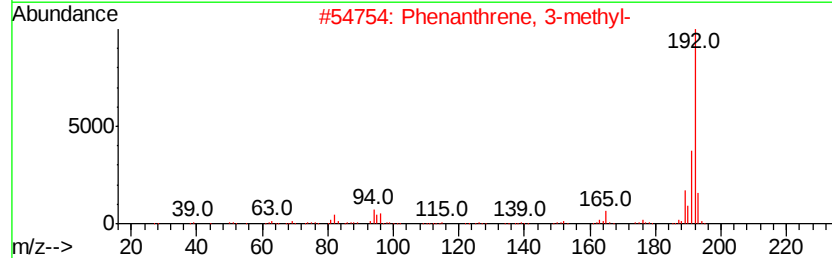
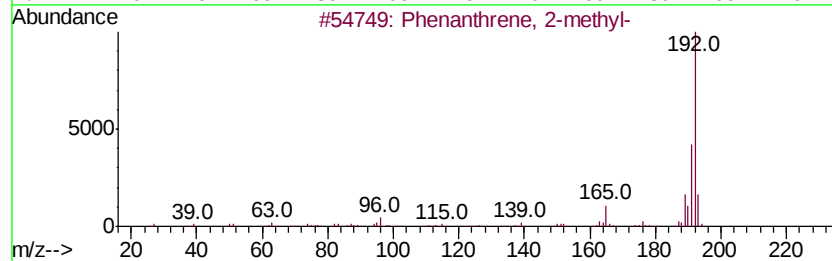
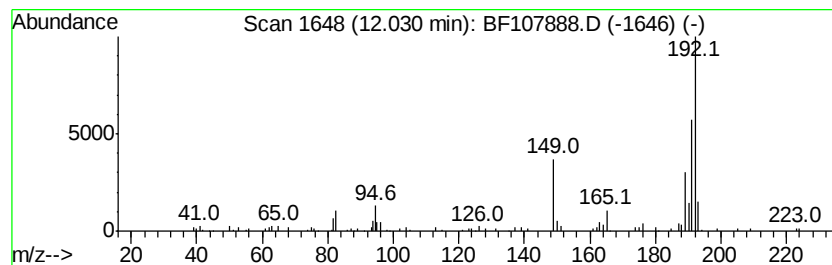
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Phenanthrene, 2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.03	3.34 ng	139298	Phenanthrene-d10	11.50	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	89
2	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	81
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	76
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	76
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	76



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080118\
Data File : BF107888.D
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Sample : J4241-01
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ClientSampleId :
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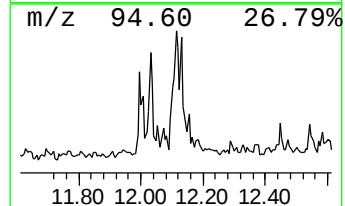
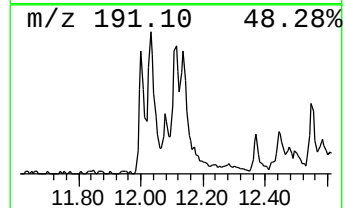
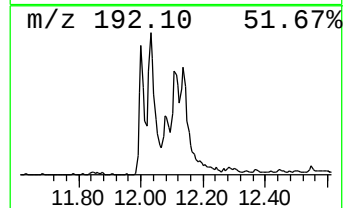
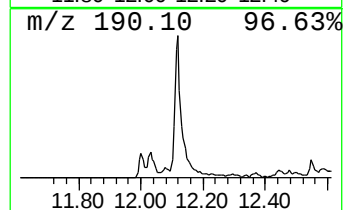
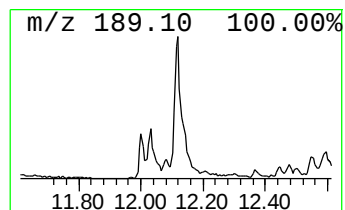
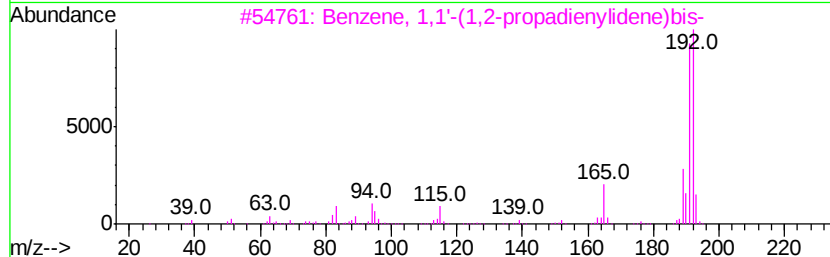
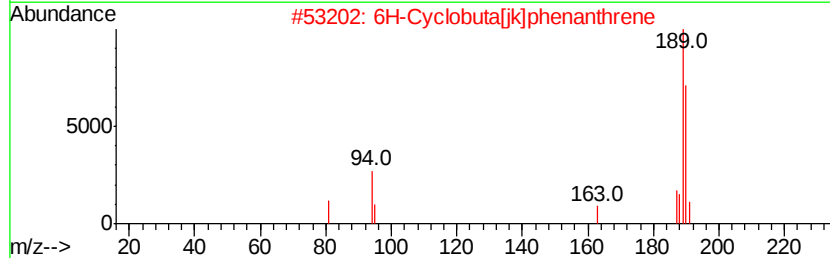
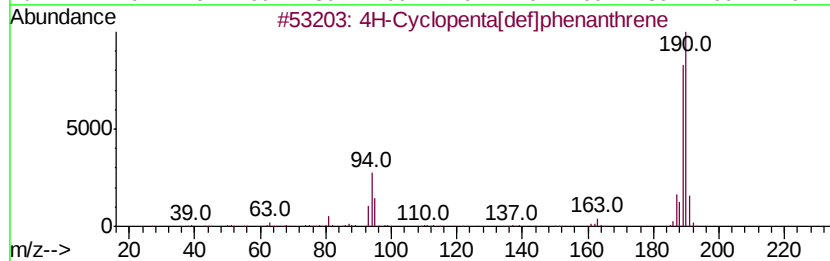
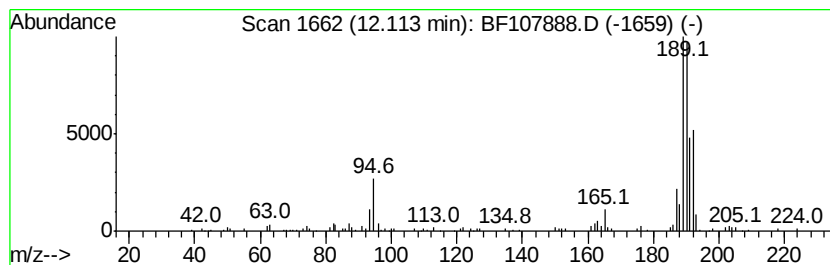
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 4H-Cyclopenta[def]phenanthrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.11	4.36 ng	181859	Phenanthrene-d10	11.50

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	70
2		6H-Cyclobuta[ik]phenanthrene	190	C15H10	083469-43-6	53
3		Benzene, 1,1'-(1,2-propadienylidene)bis-	192	C15H12	014251-57-1	22
4		Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	20
5		5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	20



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080118\
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Sample : J4241-01
Misc :
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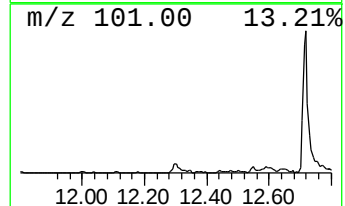
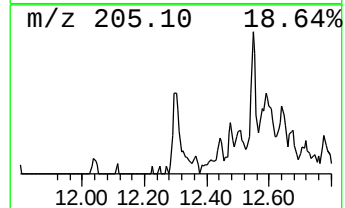
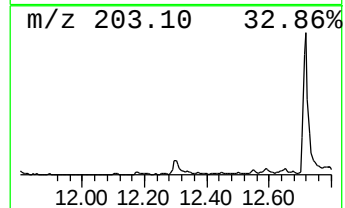
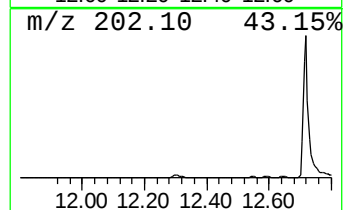
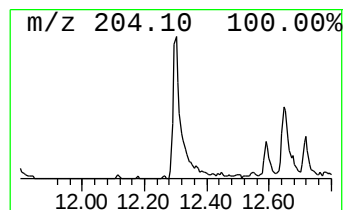
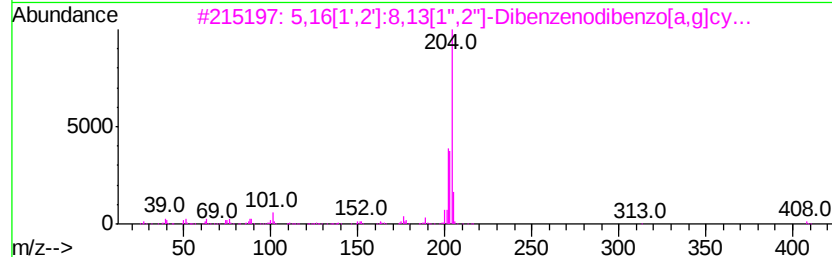
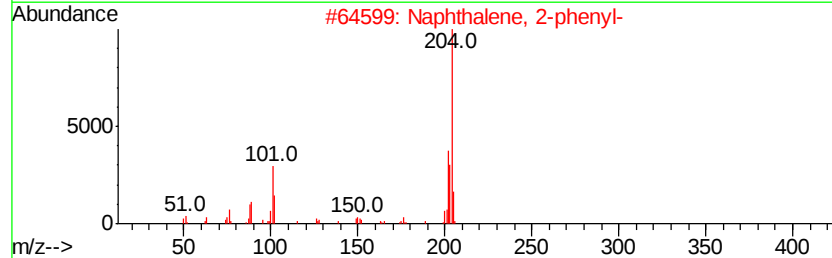
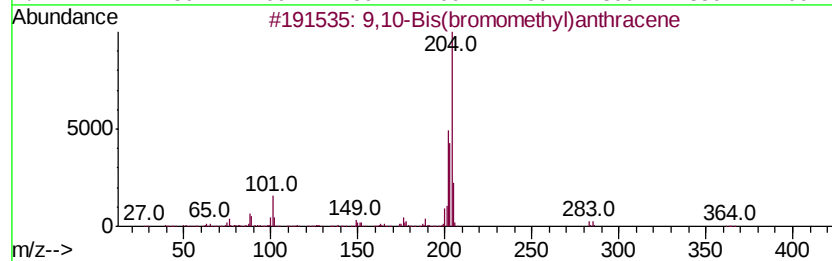
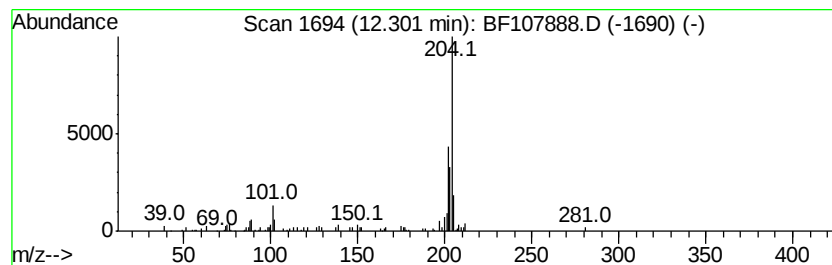
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 9,10-Bis(bromomethyl)anthra... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.30	2.19 ng	91288	Phenanthrene-d10	11.50

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	90
2		Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	86
3		5,16[1',2'1:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	78
4		Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	78
5		6-Phenylbenzocyclohepten-7-one	232	C17H12O	093327-56-1	74



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080118\
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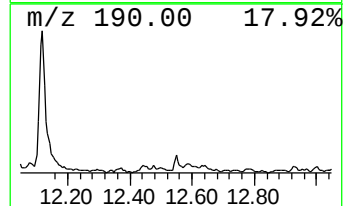
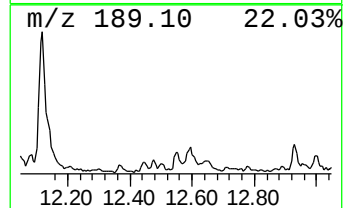
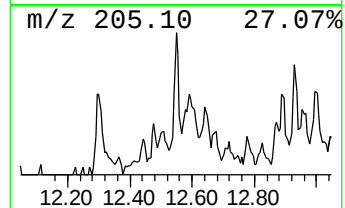
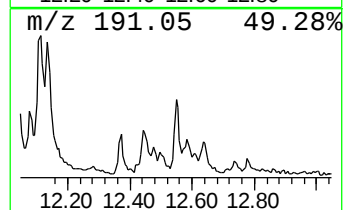
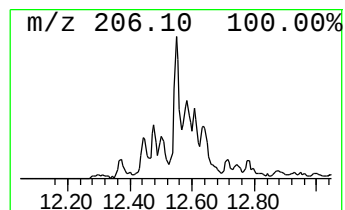
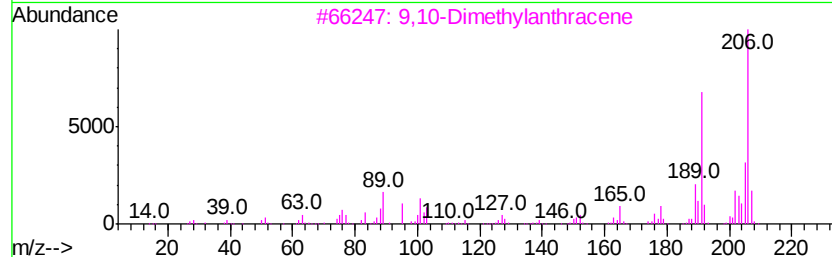
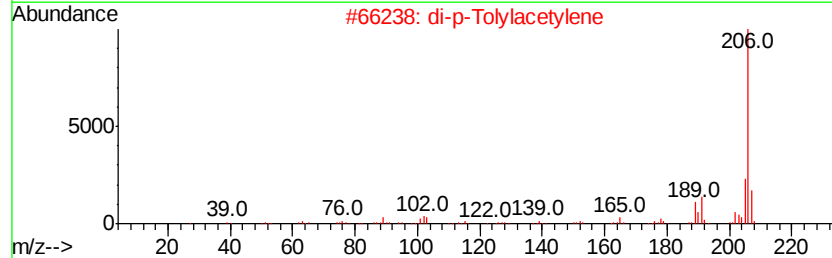
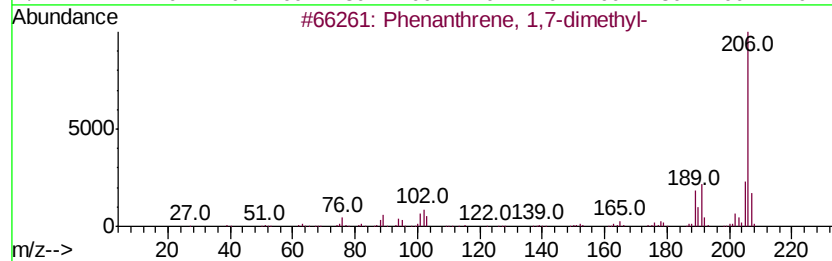
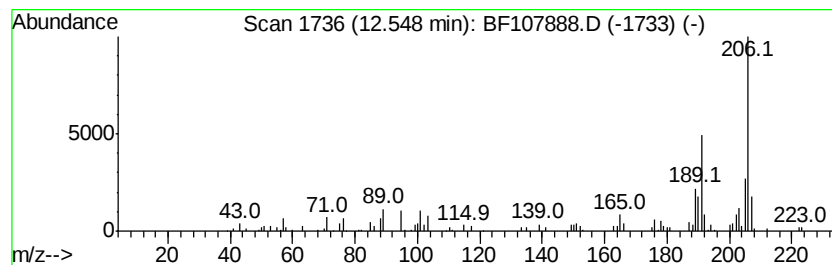
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Phenanthrene, 1,7-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.55	2.39 ng	99784	Phenanthrene-d10	11.50

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	89
2		di-p-Tolylacetylene	206	C16H14	002789-88-0	87
3		9,10-Dimethylanthracene	206	C16H14	000781-43-1	81
4		Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	74
5		Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	70



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080118\
Data File : BF107888.D
Acq On : 1 Aug 2018 14:53
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Misc :
ALS Vial : 7 Sample Multiplier: 1

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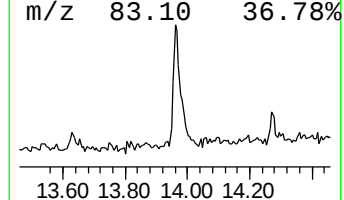
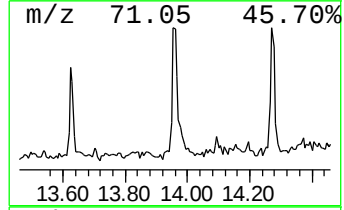
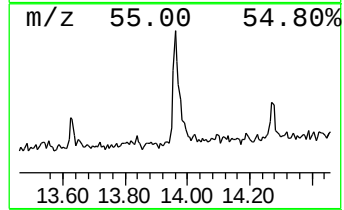
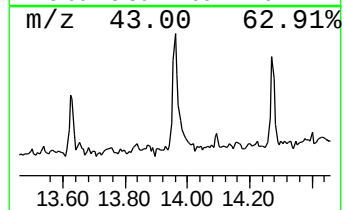
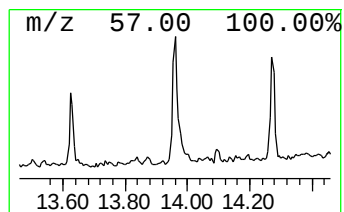
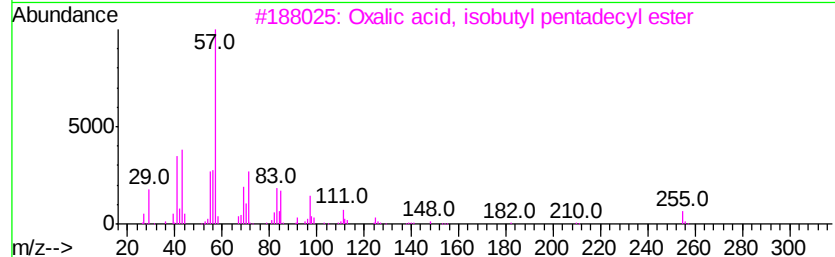
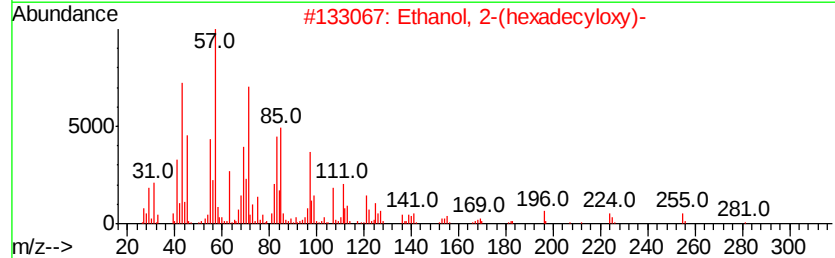
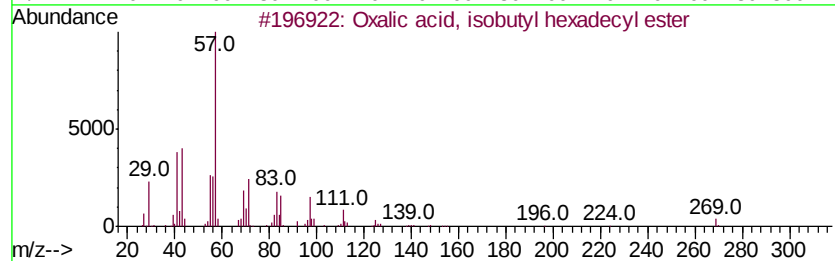
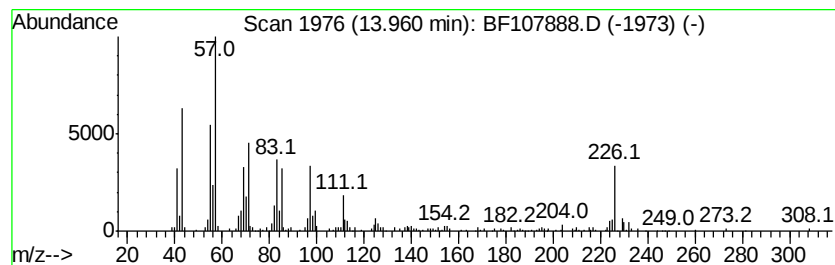
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Oxalic acid, isobutyl hexadecyl... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.96	3.50 ng	252048	Chrysene-d12	14.15

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Oxalic acid, isobutyl hexadecyl ...	370	C22H42O4	1000309-38-1	76
2			Ethanol, 2-(hexadecyloxy)-	286	C18H38O2	002136-71-2	72
3			Oxalic acid, isobutyl pentadecyl...	356	C21H40O4	1000309-38-0	68
4			Oxalic acid, isobutyl heptadecyl...	384	C23H44O4	1000309-38-2	68
5			Oxalic acid, isobutyl octadecyl ...	398	C24H46O4	1000309-38-3	68



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080118\
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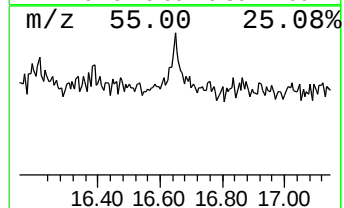
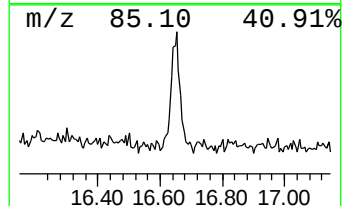
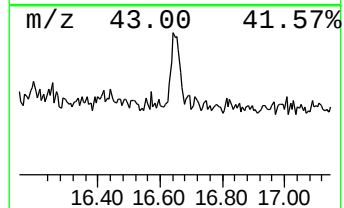
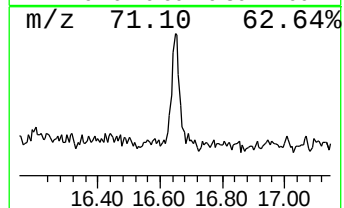
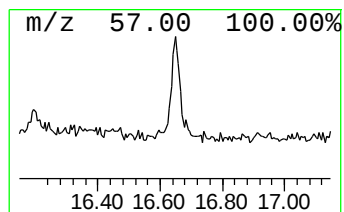
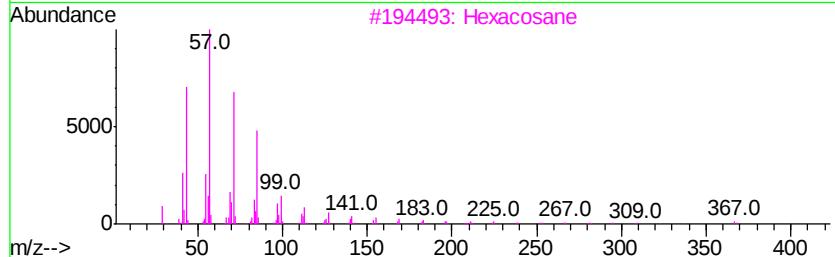
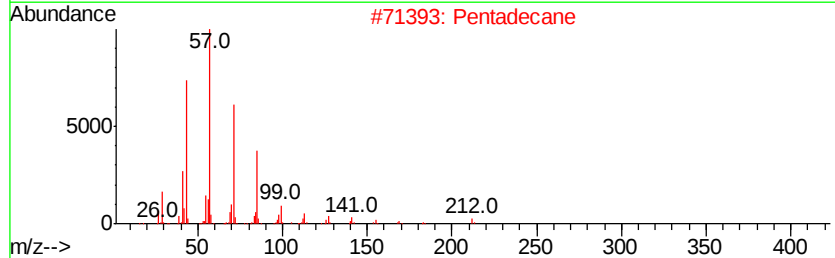
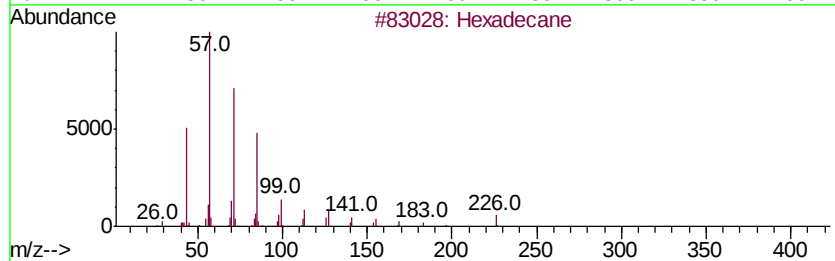
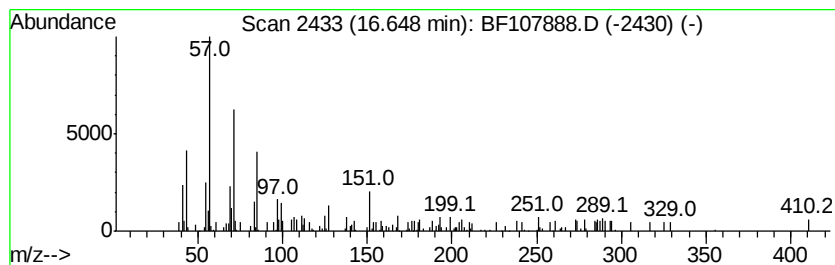
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Hexadecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.65	2.93 ng	177351	Perylene-d12	15.69

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane	226	C16H34	000544-76-3	78
2		Pentadecane	212	C15H32	000629-62-9	60
3		Hexacosane	366	C26H54	000630-01-3	53
4		Pentacosane	352	C25H52	000629-99-2	49
5		Tetracosane	338	C24H50	000646-31-1	49



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF080118\
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 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073018.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...	5.19	11.1 ng		367626	1	6.97	661038	20.0
unknown6.74	6.74	62.2 ng		2056380	1	6.97	661038	20.0
Tetradecane	10.88	2.6 ng		110014	4	11.50	833728	20.0
Phenanthrene, 1-m...	12.00	3.9 ng		162692	4	11.50	833728	20.0
Phenanthrene, 2-m...	12.03	3.3 ng		139298	4	11.50	833728	20.0
4H-Cyclopenta[def...	12.11	4.4 ng		181859	4	11.50	833728	20.0
9,10-Bis(bromomet...	12.30	2.2 ng		91288	4	11.50	833728	20.0
Phenanthrene, 1,7...	12.55	2.4 ng		99784	4	11.50	833728	20.0
Oxalic acid, isob...	13.96	3.5 ng		252048	5	14.15	1440210	20.0
Hexadecane	16.65	2.9 ng		177351	6	15.69	1210420	20.0