

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF070718\
 Data File : BF107207.D
 Acq On : 7 Jul 2018 15:35
 Operator : JU/SJ
 Sample : J3881-09
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SURCHARGE-SP-25

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-BF061918.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	497	rBV	110554	137535	13.38%	1.094%
2	5.590	550	553	568	rBV	940758	909531	88.48%	7.234%
3	6.595	720	724	739	rBV	885799	908432	88.37%	7.226%
4	6.725	742	746	750	rVV	1042515	904700	88.01%	7.196%
5	6.766	750	753	759	rVB4	18037	18692	1.82%	0.149%
6	6.948	780	784	789	rBV	332721	288486	28.06%	2.295%
7	7.001	789	793	803	rBV	28364	51665	5.03%	0.411%
8	7.101	806	810	814	rBV	865438	731506	71.16%	5.818%
9	7.513	876	880	889	rBV	601269	557333	54.22%	4.433%
10	8.231	998	1002	1005	rBV	343965	314713	30.62%	2.503%
11	8.942	1120	1123	1129	rBV	26933	26538	2.58%	0.211%
12	9.301	1180	1184	1192	rBV	1123444	945794	92.01%	7.523%
13	9.366	1192	1195	1199	rVV2	20269	21014	2.04%	0.167%
14	9.407	1199	1202	1206	rVB	17291	15640	1.52%	0.124%
15	9.572	1227	1230	1234	rBV2	10939	14410	1.40%	0.115%
16	9.695	1245	1251	1257	rVB	118366	117042	11.39%	0.931%
17	9.854	1273	1278	1281	rBV	36452	39270	3.82%	0.312%
18	9.895	1281	1285	1288	rVB	25497	24174	2.35%	0.192%
19	9.989	1298	1301	1304	rBV	360622	301128	29.29%	2.395%
20	10.019	1304	1306	1312	rVB	45229	44311	4.31%	0.352%
21	10.195	1331	1336	1338	rBV2	29714	33439	3.25%	0.266%
22	10.230	1338	1342	1344	rVB4	14221	18111	1.76%	0.144%
23	10.301	1350	1354	1357	rBV3	16801	21394	2.08%	0.170%
24	10.395	1366	1370	1372	rBV	55458	51909	5.05%	0.413%
25	10.542	1392	1395	1400	rVB	32776	38897	3.78%	0.309%
26	10.613	1400	1407	1410	rBV2	45071	65700	6.39%	0.523%
27	10.783	1432	1436	1442	rBV	586920	600438	58.41%	4.776%
28	10.877	1448	1452	1455	rBV2	90733	134668	13.10%	1.071%
29	11.013	1473	1475	1478	rBV4	15825	18133	1.76%	0.144%
30	11.089	1486	1488	1490	rVB2	24911	19270	1.87%	0.153%
31	11.319	1524	1527	1529	rBV	111474	87584	8.52%	0.697%
32	11.342	1529	1531	1534	rVB	67488	63912	6.22%	0.508%
33	11.483	1552	1555	1557	rBV	400252	346478	33.71%	2.756%
34	11.507	1557	1559	1563	rVB	300409	250247	24.34%	1.990%

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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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Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.560	1565	1568	1571	rBV	112183	95312	9.27%	0.758%
36	11.695	1589	1591	1593	rBV2	31903	33768	3.28%	0.269%
37	11.742	1597	1599	1602	rVB	69293	62351	6.07%	0.496%
38	11.983	1638	1640	1642	rBV	51309	46068	4.48%	0.366%
39	12.013	1643	1645	1648	rVB	63841	55955	5.44%	0.445%
40	12.101	1657	1660	1662	rBV2	89470	99547	9.68%	0.792%
41	12.154	1666	1669	1672	rBV	63667	53592	5.21%	0.426%
42	12.542	1732	1735	1737	rBV2	107584	106580	10.37%	0.848%
43	12.707	1760	1763	1766	rVB	650369	535630	52.11%	4.260%
44	12.918	1796	1799	1800	rBV2	164695	159724	15.54%	1.270%
45	12.942	1800	1803	1807	rVB	552678	565301	54.99%	4.496%
46	13.071	1821	1825	1828	rVB	1044212	1027961	100.00%	8.176%
47	14.142	2003	2007	2010	rBV2	440244	656620	63.88%	5.223%
48	14.171	2010	2012	2015	rVB	285912	220632	21.46%	1.755%
49	15.230	2189	2192	2199	rVB	205074	422400	41.09%	3.360%
50	15.618	2256	2258	2263	rVB	132707	147669	14.37%	1.175%
51	15.689	2267	2270	2273	rVB	142291	161327	15.69%	1.283%

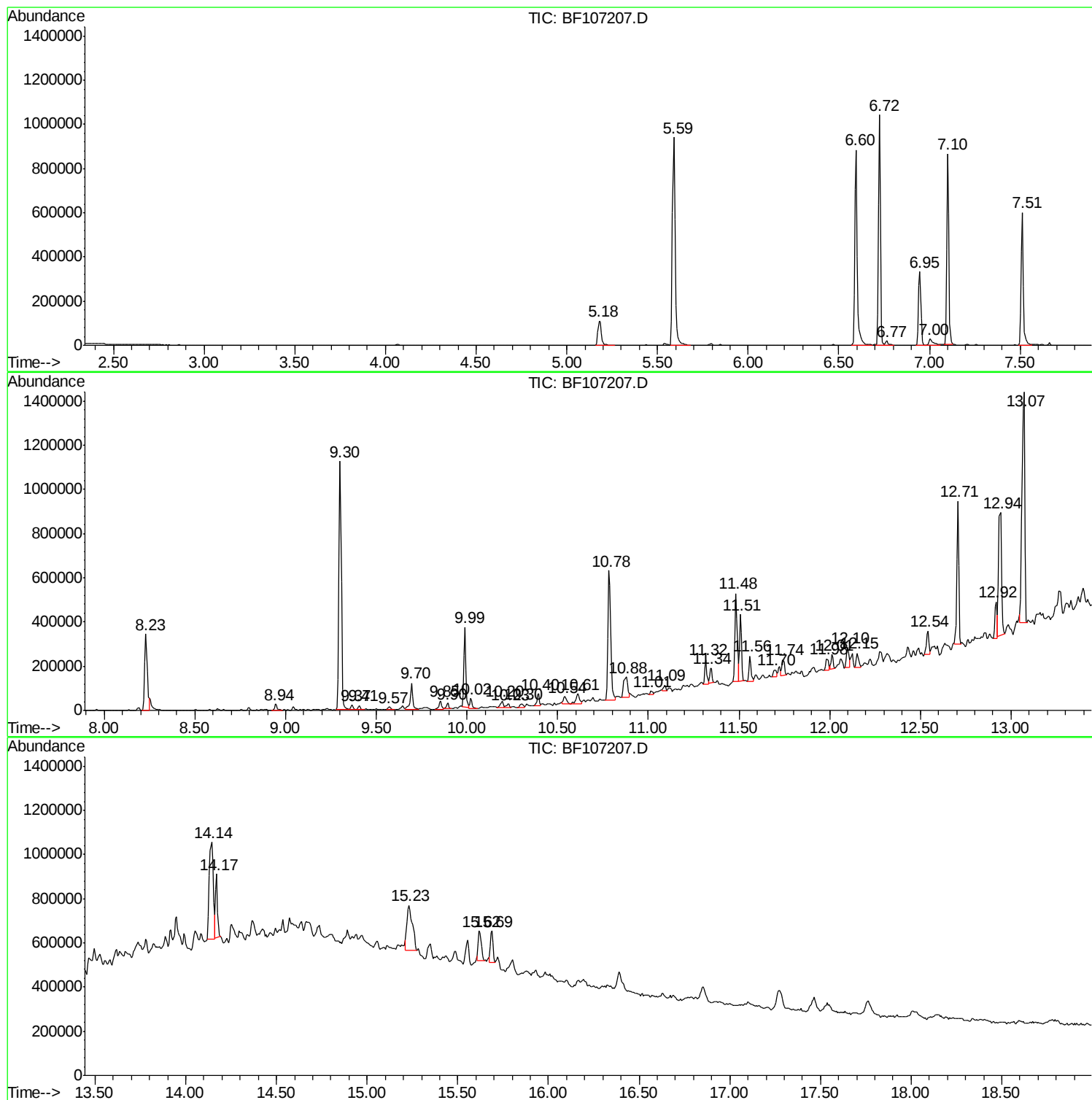
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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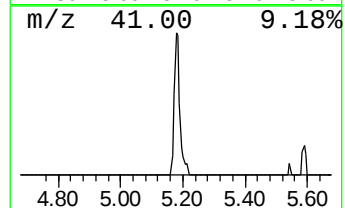
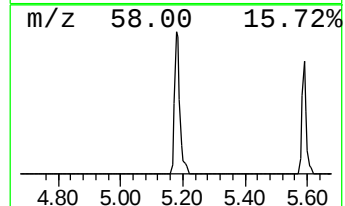
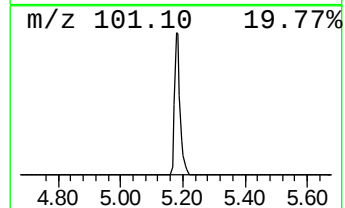
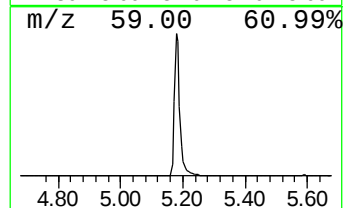
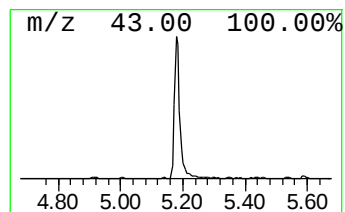
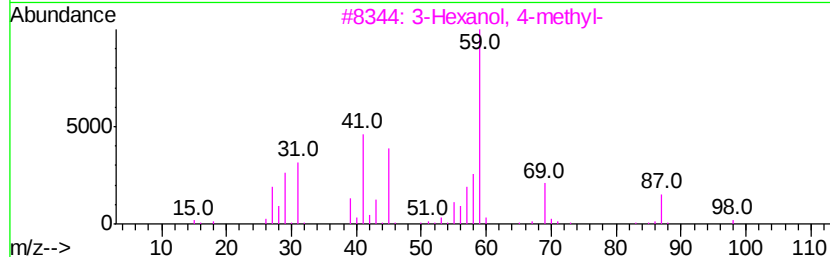
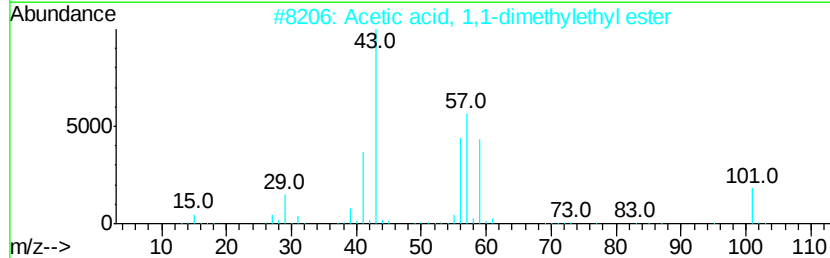
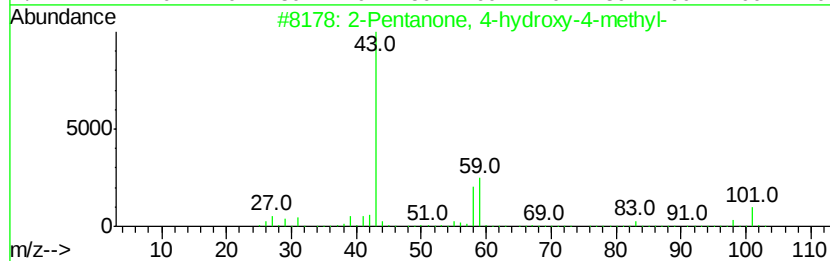
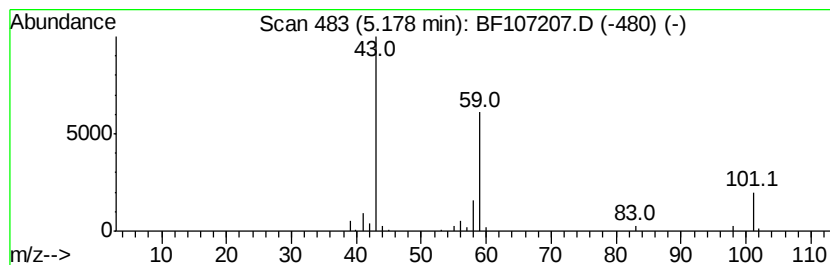
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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.
5.18	9.53 ng	137535	1,4-Dichlorobenzene-d4	6.95

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2			Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
3			3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	28
4			Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
5			2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9



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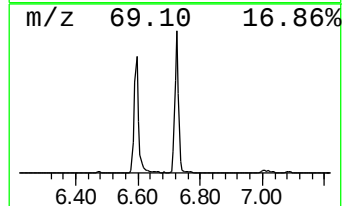
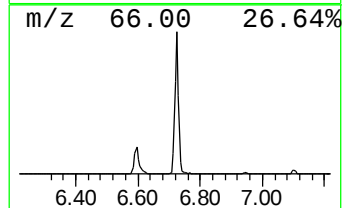
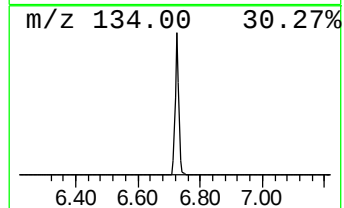
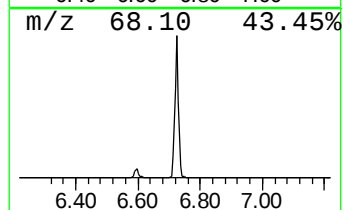
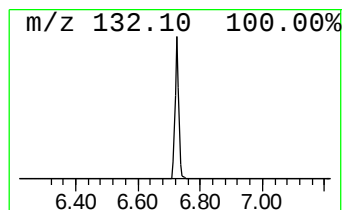
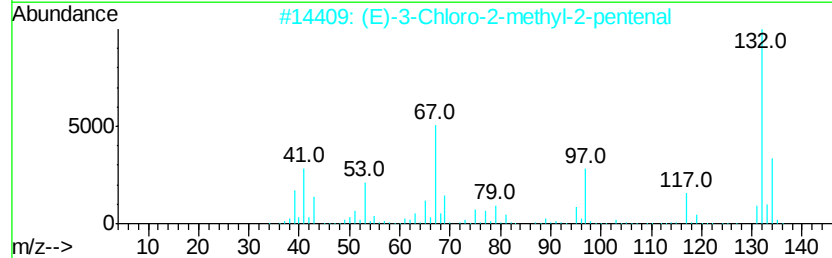
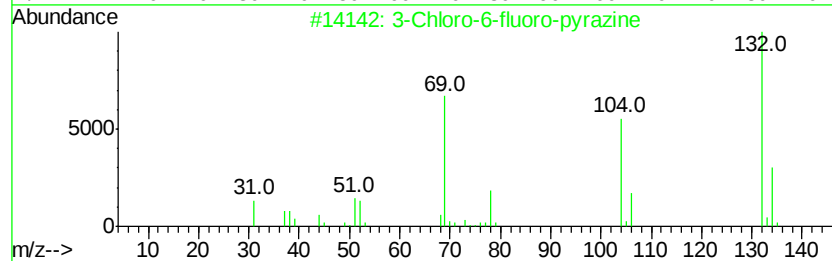
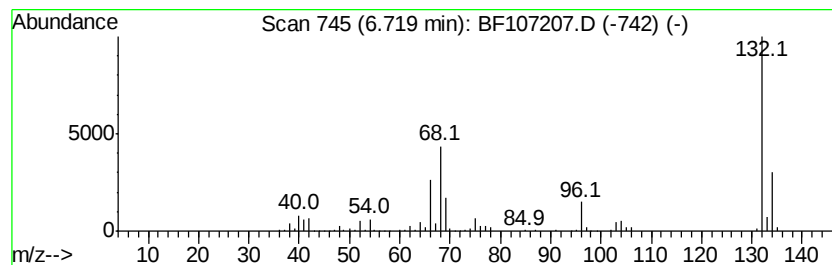
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 unknown6.72 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.72	62.72 ng	904700	1,4-Dichlorobenzene-d4	6.95

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
2			(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	12
3			5-Aminoindole	132	C8H8N2	005192-03-0	12
4			1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	10
5			4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9



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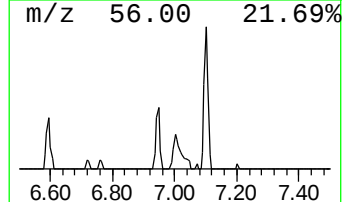
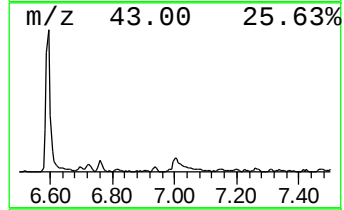
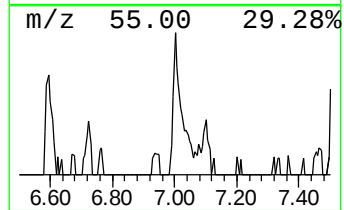
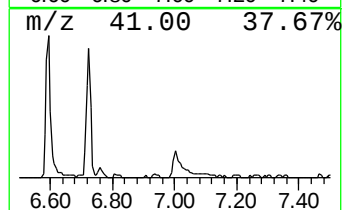
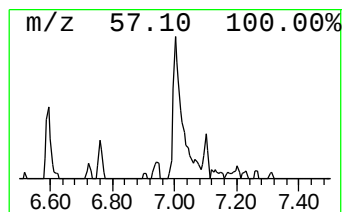
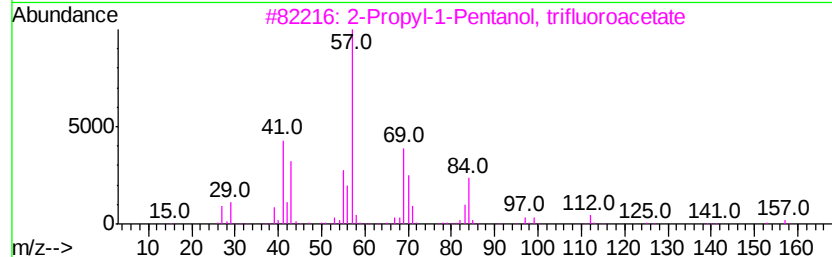
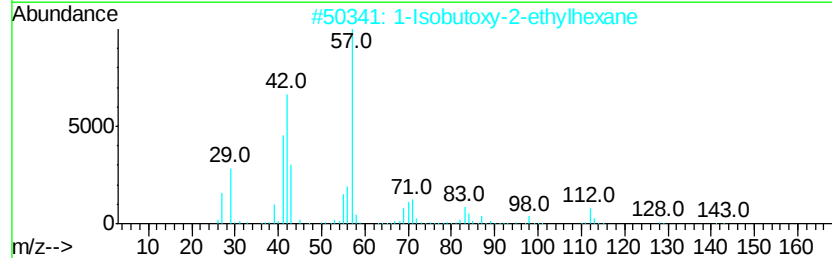
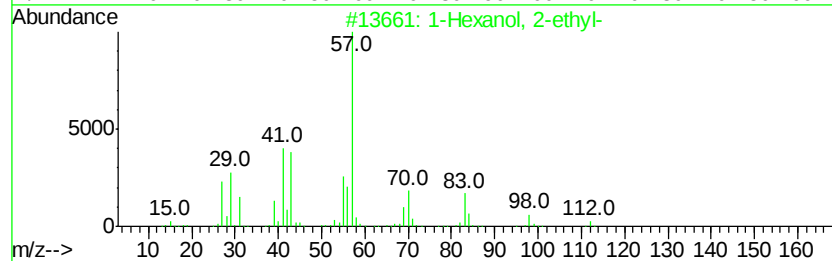
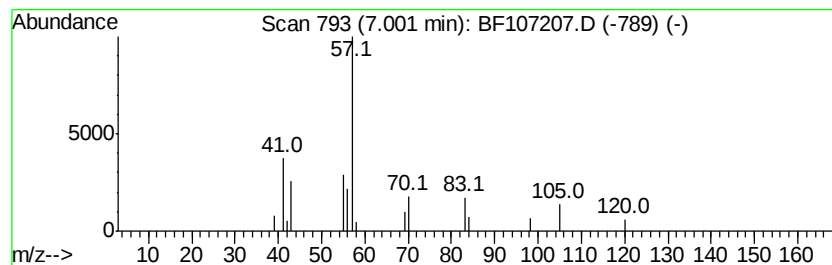
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 1-Hexanol, 2-ethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.00	3.58 ng	51665	1,4-Dichlorobenzene-d4	6.95

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	72
2		1-Isobutoxy-2-ethylhexane	186	C12H26O	1000139-90-3	50
3		2-Propyl-1-Pentanol, trifluoroac...	226	C10H17F3O2	1000365-19-7	47
4		Carbonic acid, isobutyl 2-ethylh...	230	C13H26O3	1000357-82-9	42
5		Heptyl isobutyl carbonate	216	C12H24O3	959068-08-7	42



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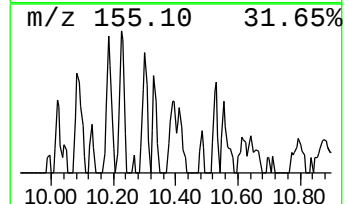
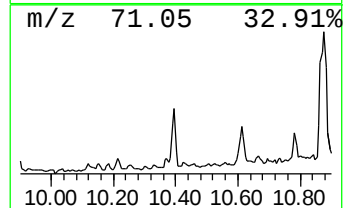
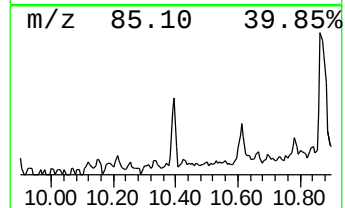
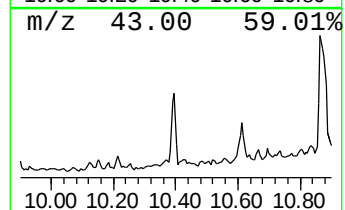
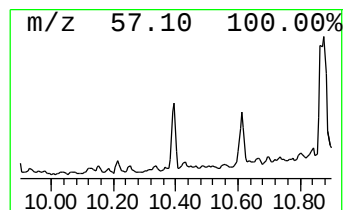
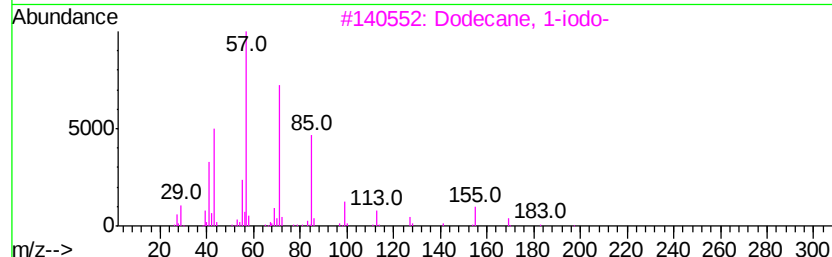
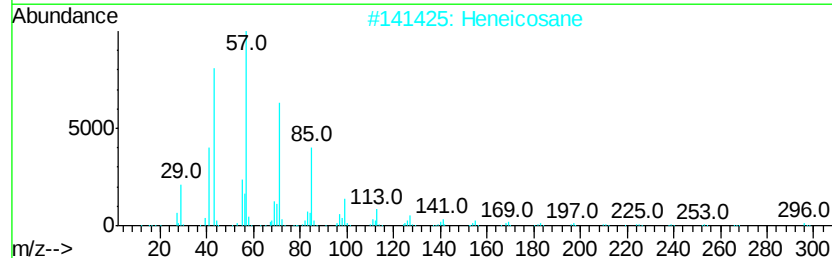
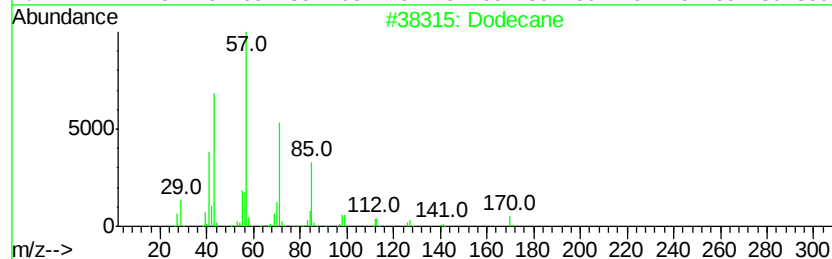
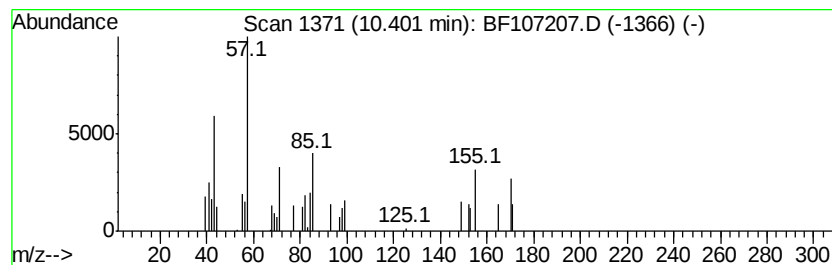
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Dodecane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.40	3.45 ng	51909	Acenaphthene-d10	9.99
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Dodecane	170 C12H26	000112-40-3	80
2	Heneicosane	296 C21H44	000629-94-7	74
3	Dodecane, 1-iodo-	296 C12H25I	004292-19-7	74
4	Octadecane	254 C18H38	000593-45-3	74
5	Tetradecane	198 C14H30	000629-59-4	72



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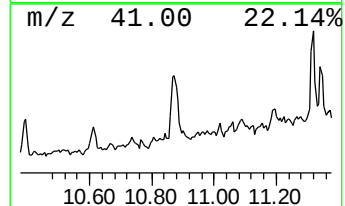
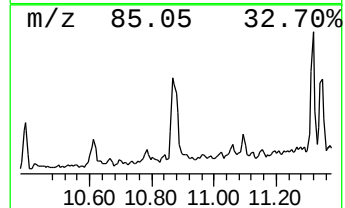
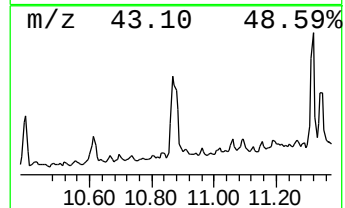
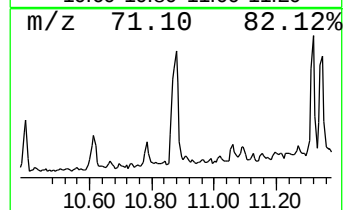
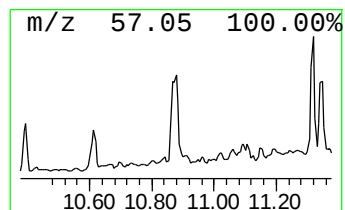
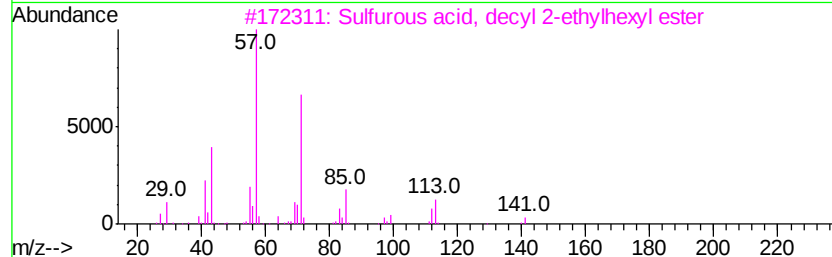
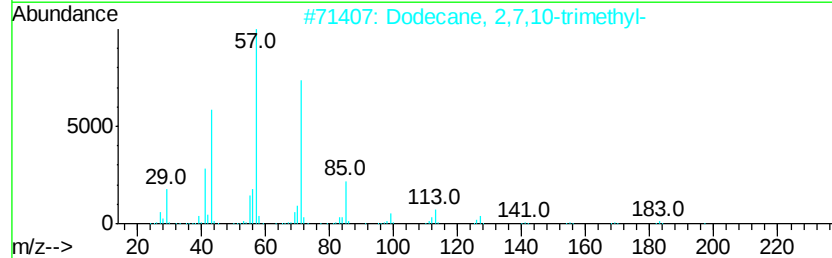
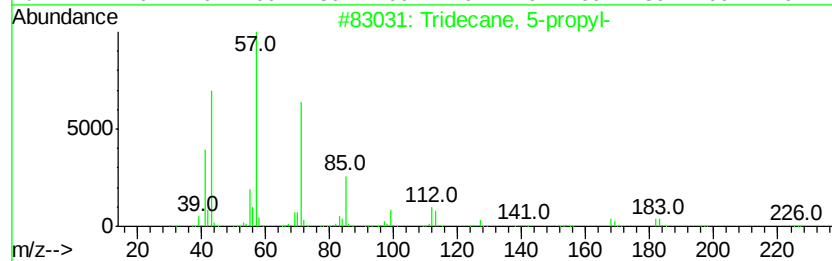
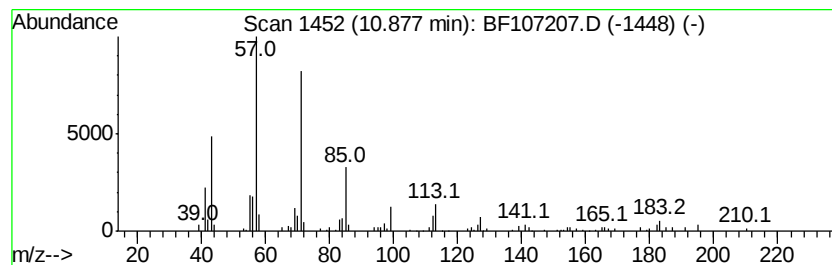
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Tridecane, 5-propyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.88	7.77 ng	134668	Phenanthrene-d10	11.48	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 5-propyl-	226	C16H34	055045-11-9	78
2	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	64
3	Sulfurous acid, decyl 2-ethylhex...	334	C18H38O3S	1000309-19-3	64
4	Sulfurous acid, 2-ethylhexyl non...	320	C17H36O3S	1000309-19-2	64
5	Nonane, 3-methyl-	142	C10H22	005911-04-6	62



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070718\
Data File : BF107207.D
Acq On : 7 Jul 2018 15:35
Operator : JU/SJ
Sample : J3881-09
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SURCHARGE-SP-25

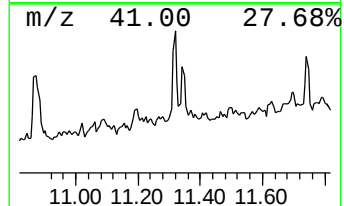
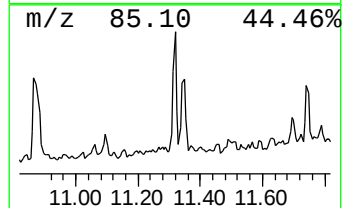
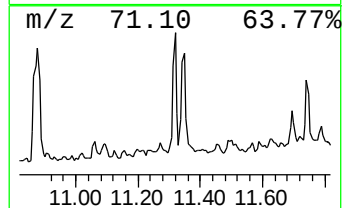
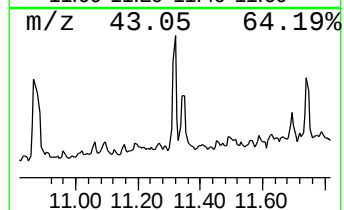
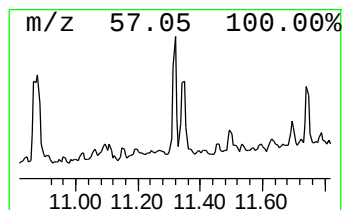
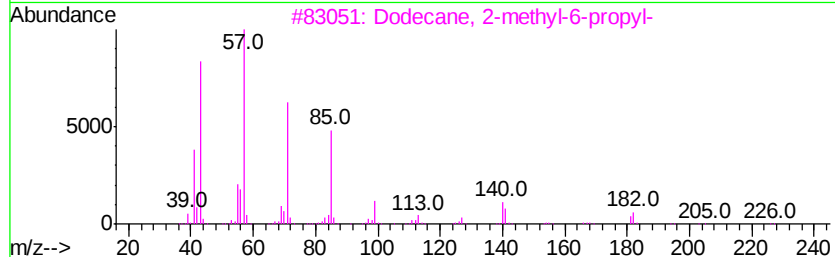
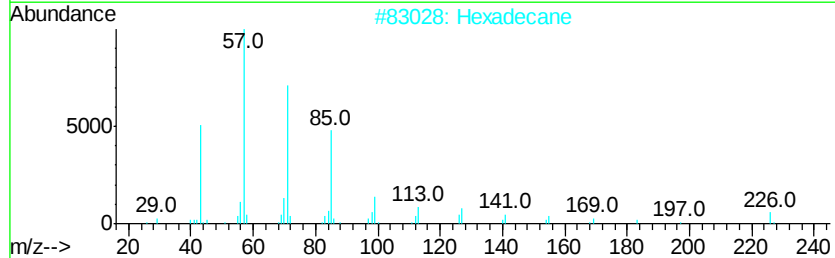
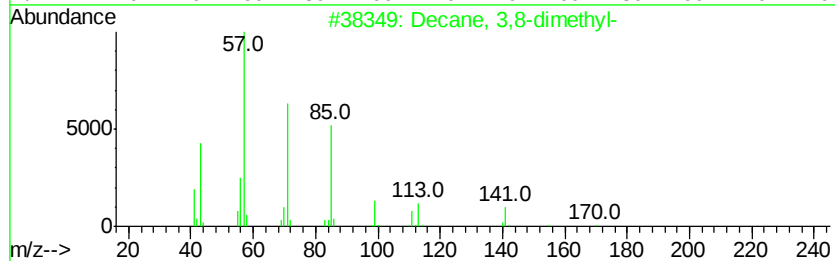
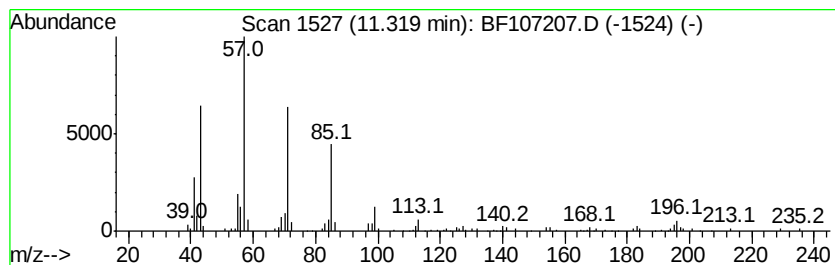
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Decane, 3,8-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.32	5.06 ng	87584	Phenanthrene-d10	11.48

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	83
2		Hexadecane	226	C16H34	000544-76-3	80
3		Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	80
4		Heptadecane	240	C17H36	000629-78-7	80
5		Undecane, 2-methyl-	170	C12H26	007045-71-8	80



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070718\
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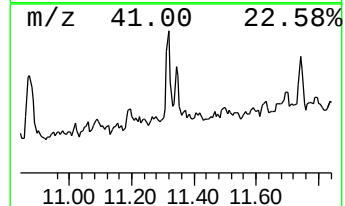
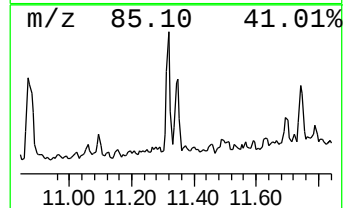
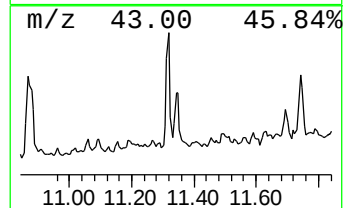
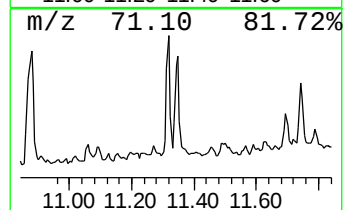
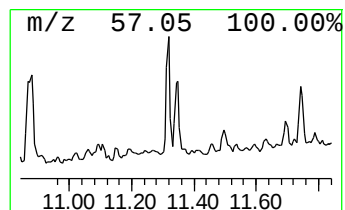
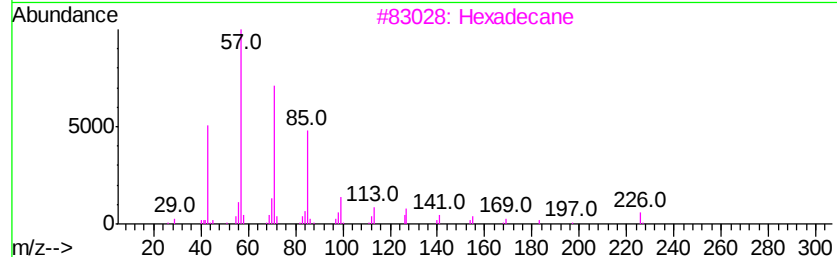
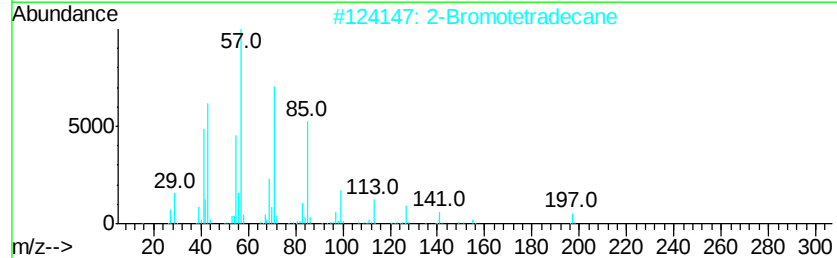
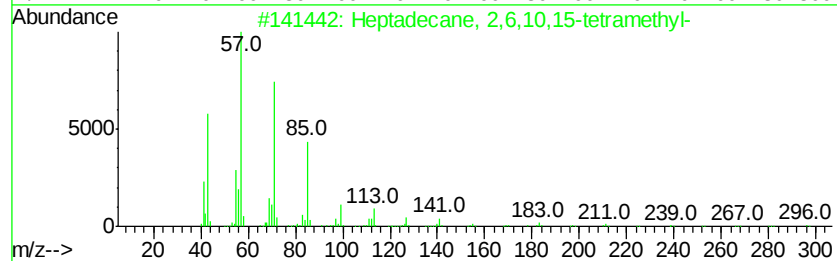
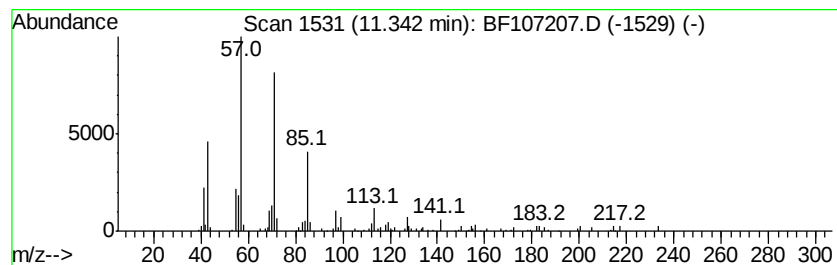
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Heptadecane, 2,6,10,15-tetr... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.34	3.69 ng	63912	Phenanthrene-d10	11.48

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	86
2			2-Bromotetradecane	276	C14H29Br	074036-95-6	86
3			Hexadecane	226	C16H34	000544-76-3	80
4			Hexacosane	366	C26H54	000630-01-3	78
5			Heneicosane	296	C21H44	000629-94-7	78



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070718\
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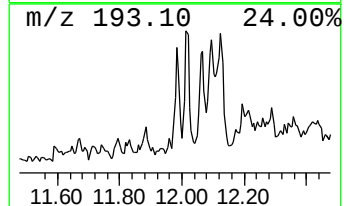
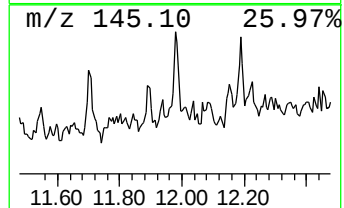
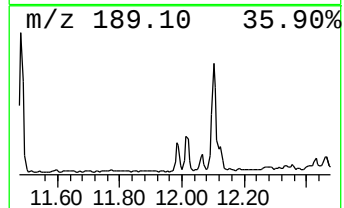
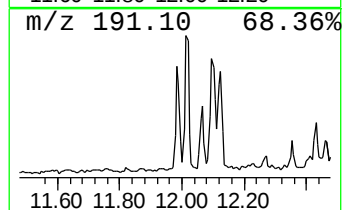
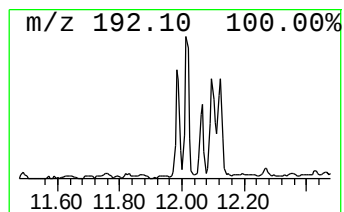
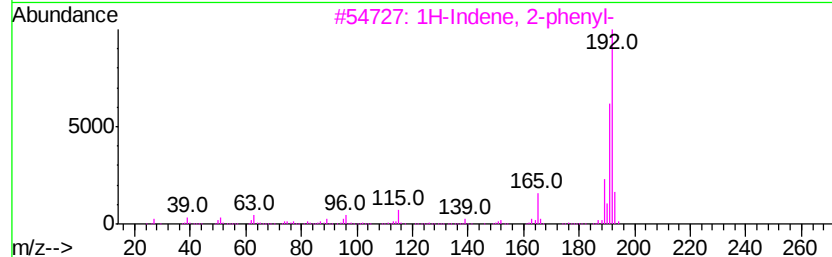
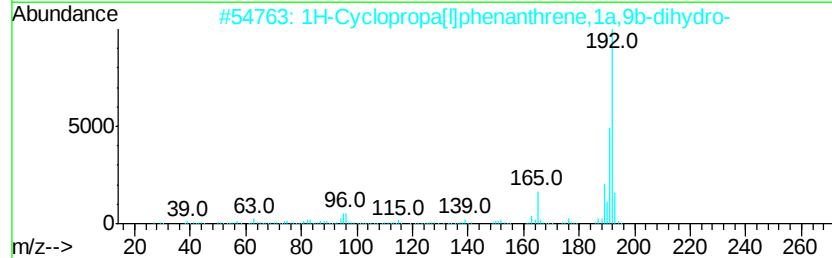
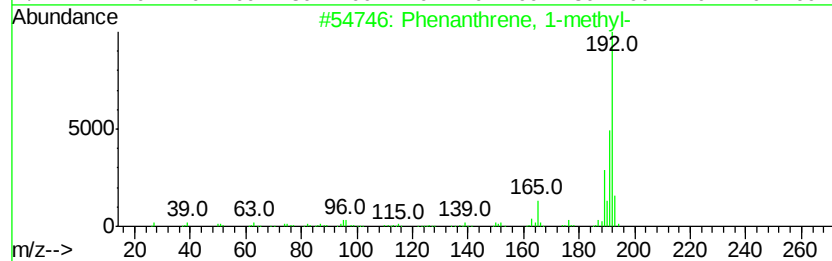
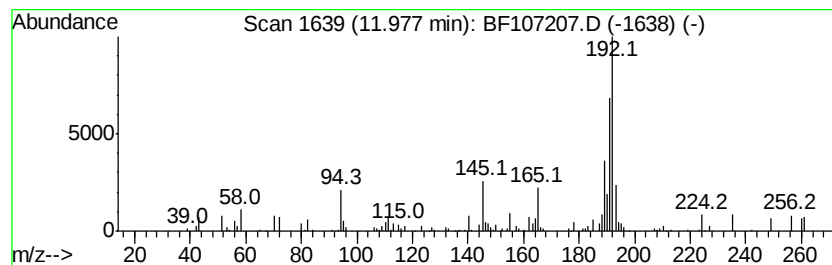
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Phenanthrene, 1-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.98	2.66 ng	46068	Phenanthrene-d10	11.48

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
2		1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	96
3		1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	95
4		Anthracene, 2-methyl-	192	C15H12	000613-12-7	94
5		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	92



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070718\
Data File : BF107207.D
Acq On : 7 Jul 2018 15:35
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ALS Vial : 15 Sample Multiplier: 1

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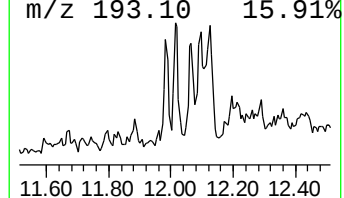
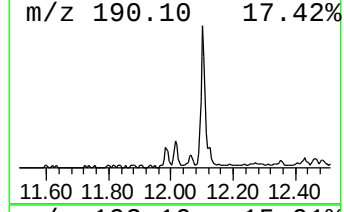
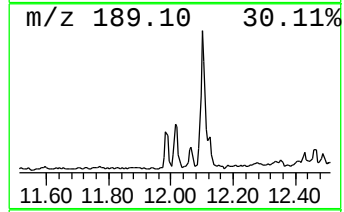
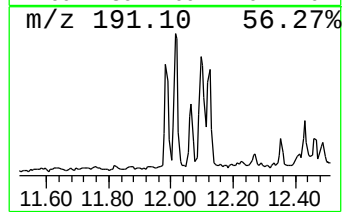
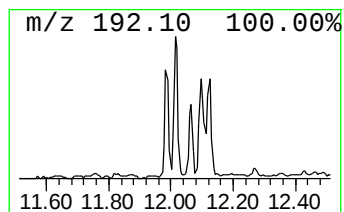
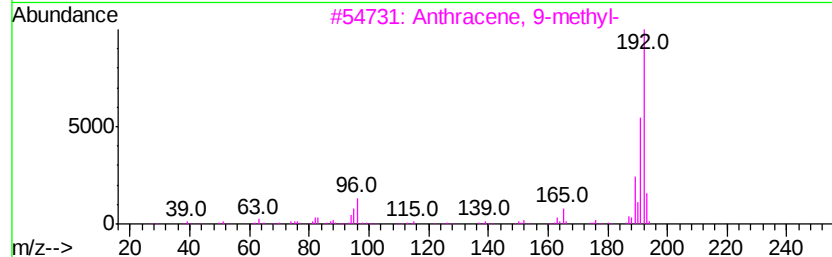
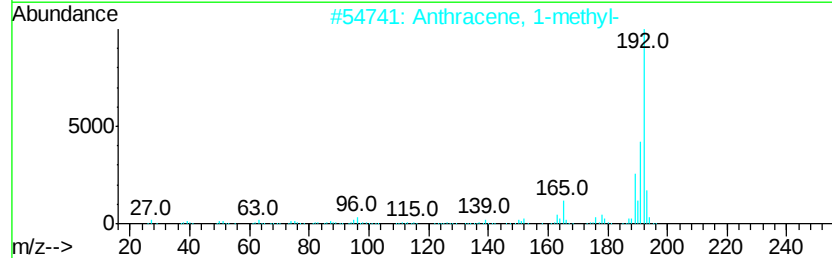
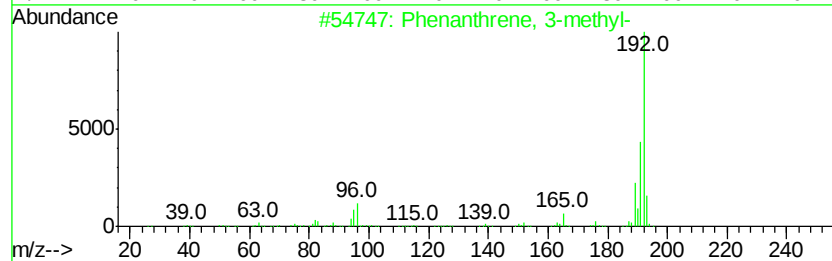
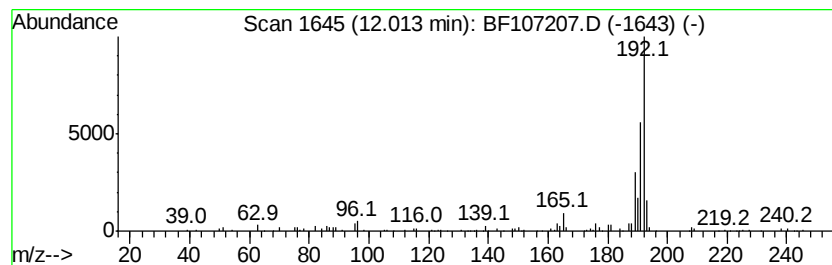
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Phenanthrene, 3-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.01	3.23 ng	55955	Phenanthrene-d10	11.48

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	94
2			Anthracene, 1-methyl-	192	C15H12	000610-48-0	92
3			Anthracene, 9-methyl-	192	C15H12	000779-02-2	91
4			Anthracene, 2-methyl-	192	C15H12	000613-12-7	90
5			1H-Cyclopropa[1]phenanthrene, 1a, ...	192	C15H12	000949-41-7	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070718\
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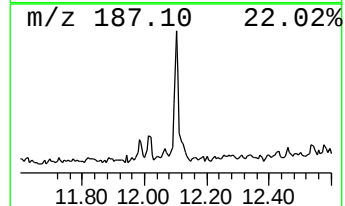
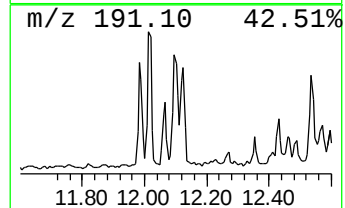
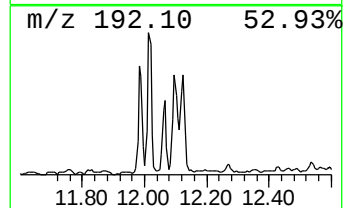
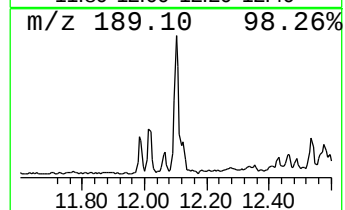
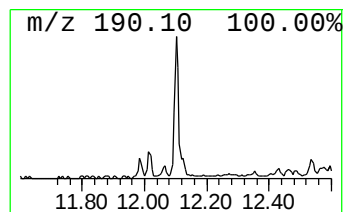
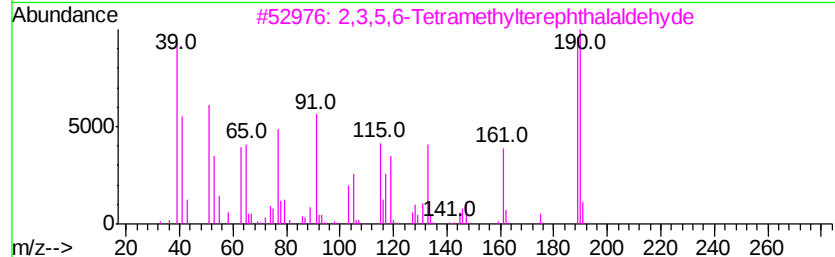
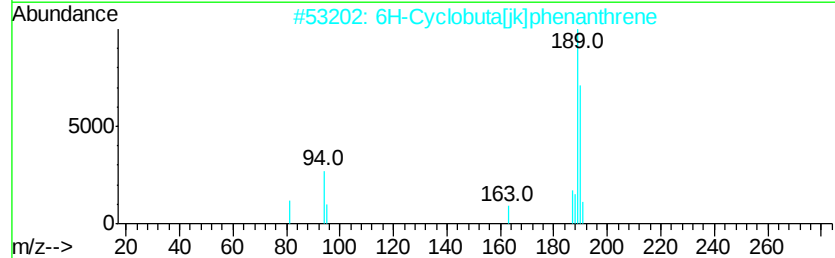
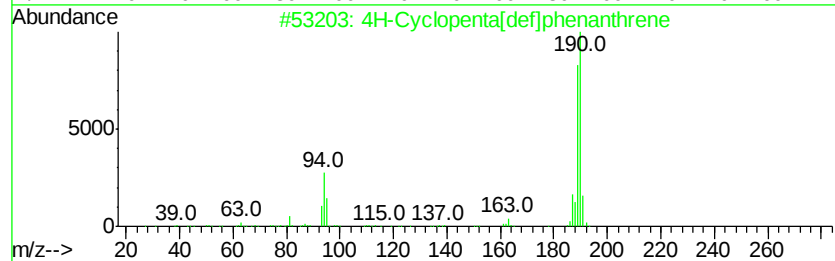
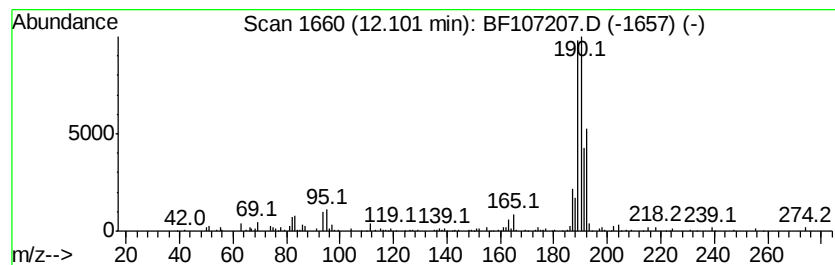
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 4H-Cyclopenta[def]phenanthrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.10	5.75 ng	99547	Phenanthrene-d10	11.48	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	86
2	6H-Cyclobuta[ik]phenanthrene	190	C15H10	083469-43-6	53
3	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	47
4	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	42
5	Carbonic acid, ethyl 2-formyl-4,...	262	C10H8Cl2O4	1000331-34-4	42



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070718\
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ClientSampleId :
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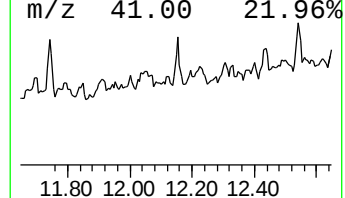
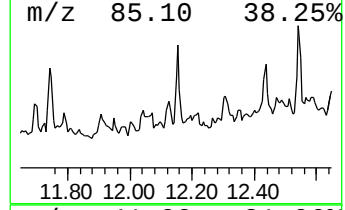
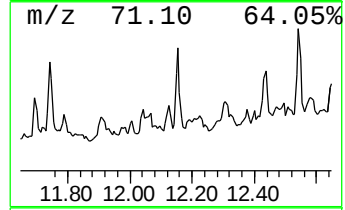
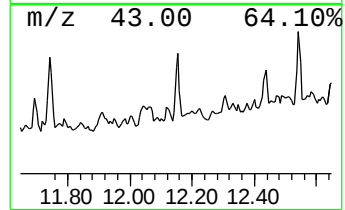
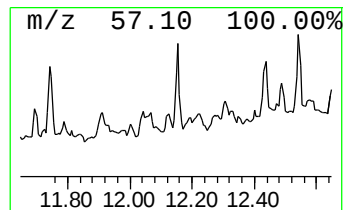
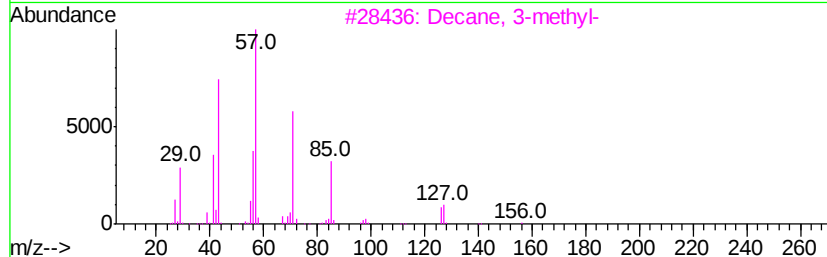
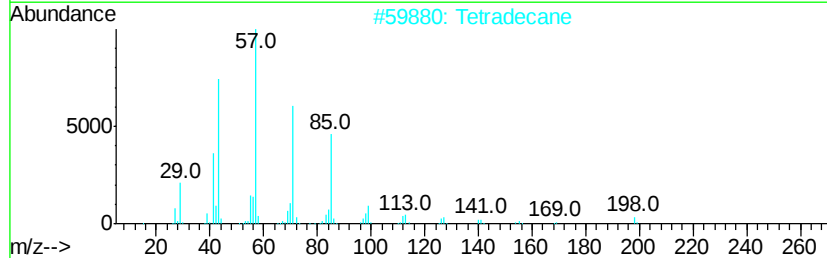
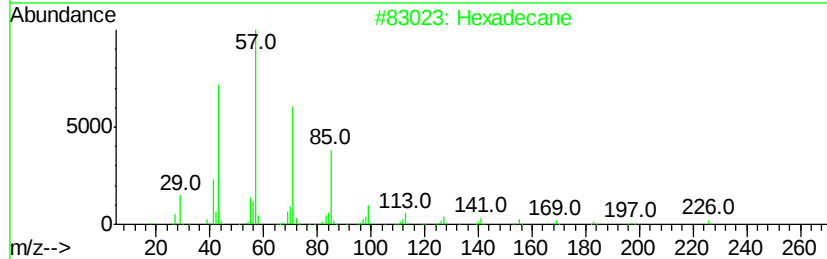
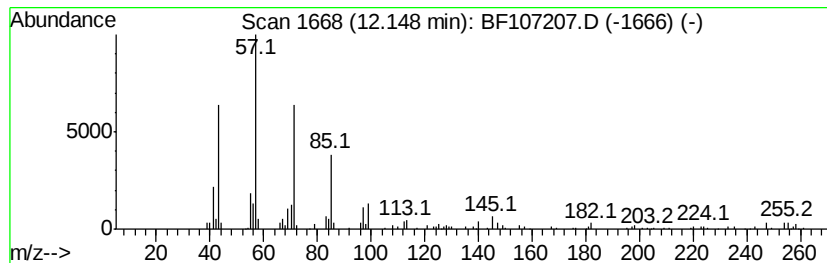
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Hexadecane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.15	3.09 ng	53592	Phenanthrene-d10	11.48

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane	226	C16H34	000544-76-3	80
2		Tetradecane	198	C14H30	000629-59-4	80
3		Decane, 3-methyl-	156	C11H24	013151-34-3	64
4		Nonadecane, 2-methyl-	282	C20H42	001560-86-7	64
5		Bacchotricuneatin c	342	C20H22O5	066563-30-2	62



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070718\
Data File : BF107207.D
Acq On : 7 Jul 2018 15:35
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Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SURCHARGE-SP-25

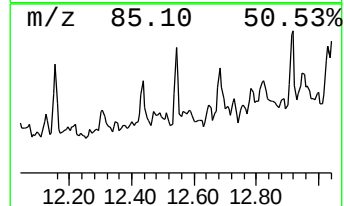
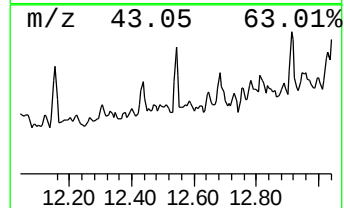
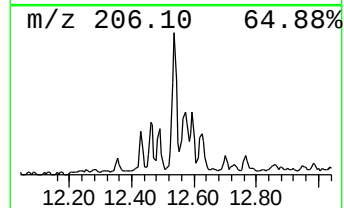
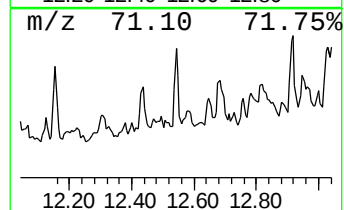
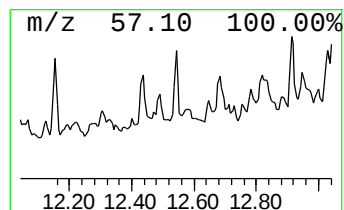
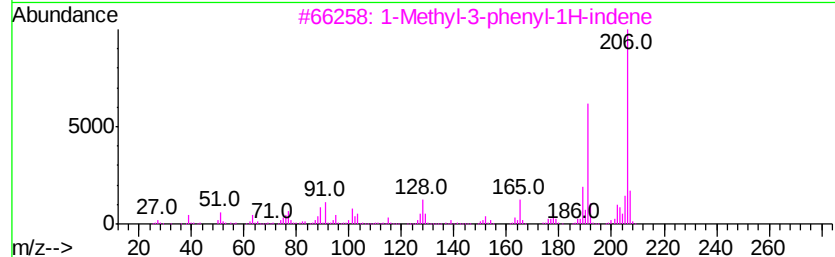
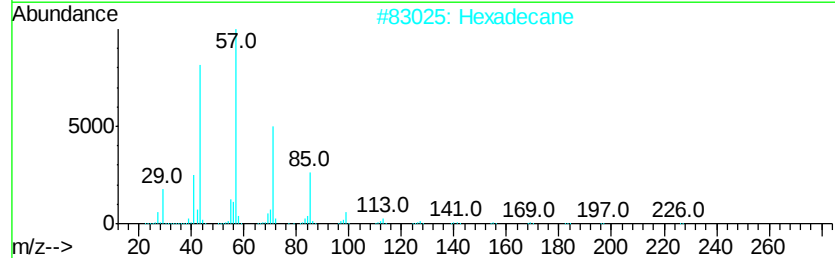
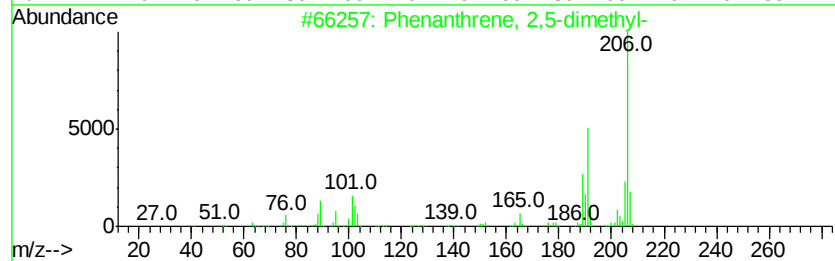
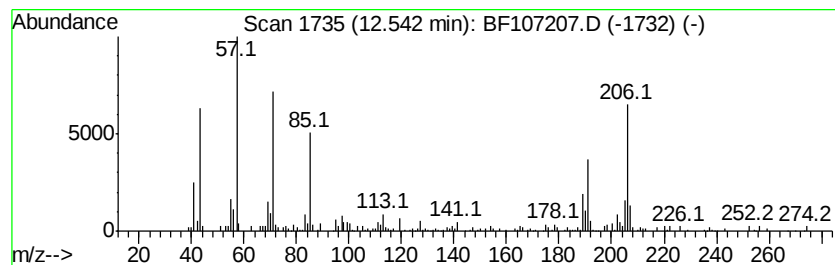
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Phenanthrene, 2,5-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.54	6.15 ng	106580	Phenanthrene-d10	11.48

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	70
2		Hexadecane	226	C16H34	000544-76-3	55
3		1-Methyl-3-phenyl-1H-indene	206	C16H14	022360-62-9	50
4		3-Methyl-1-phenyl-1H-indene	206	C16H14	022360-63-0	46
5		Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	45



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF070718\
Data File : BF107207.D
Acq On : 7 Jul 2018 15:35
Operator : JU/SJ
Sample : J3881-09
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SURCHARGE-SP-25

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.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...	5.18	9.5	ng	137535	1	6.95	288486	20.0
unknown6.72	6.72	62.7	ng	904700	1	6.95	288486	20.0
1-Hexanol, 2-ethyl-	7.00	3.6	ng	51665	1	6.95	288486	20.0
Dodecane	10.40	3.5	ng	51909	3	9.99	301128	20.0
Tridecane, 5-propyl-	10.88	7.8	ng	134668	4	11.48	346478	20.0
Decane, 3,8-dimet...	11.32	5.1	ng	87584	4	11.48	346478	20.0
Heptadecane, 2,6,...	11.34	3.7	ng	63912	4	11.48	346478	20.0
Phenanthrene, 1-m...	11.98	2.7	ng	46068	4	11.48	346478	20.0
Phenanthrene, 3-m...	12.01	3.2	ng	55955	4	11.48	346478	20.0
4H-Cyclopenta[def...	12.10	5.8	ng	99547	4	11.48	346478	20.0
Hexadecane	12.15	3.1	ng	53592	4	11.48	346478	20.0
Phenanthrene, 2,5...	12.54	6.2	ng	106580	4	11.48	346478	20.0