

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091415\
 Data File : BF081607.D
 Acq On : 14 Sep 2015 14:34
 Operator : UM/IZ
 Sample : G3597-01 5X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GP-1(0-5)

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

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

Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.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	1.543	16	18	56	rVB	967869	3232088	100.00%	29.678%
2	4.469	272	274	290	rBB	69344	149316	4.62%	1.371%
3	5.371	351	353	367	rBB	102051	213587	6.61%	1.961%
4	7.635	549	551	557	rBV	117426	243253	7.53%	2.234%
5	7.737	557	560	566	rVB	151457	260550	8.06%	2.392%
6	8.229	599	603	608	rBB	188243	334612	10.35%	3.073%
7	8.549	628	631	637	rBB	116483	182901	5.66%	1.679%
8	9.509	713	715	724	rBV	98446	166607	5.15%	1.530%
9	11.132	853	857	860	rBV	259706	446086	13.80%	4.096%
10	13.761	1084	1087	1091	rBV	185195	294552	9.11%	2.705%
11	14.824	1177	1180	1184	rBB	30051	43168	1.34%	0.396%
12	15.258	1214	1218	1222	rBV2	283969	460773	14.26%	4.231%
13	17.156	1381	1384	1390	rBB	79857	135295	4.19%	1.242%
14	18.767	1521	1525	1527	rBV	275680	465310	14.40%	4.273%
15	18.813	1527	1529	1533	rVB	120972	189190	5.85%	1.737%
16	18.939	1538	1540	1545	rVB	19525	33225	1.03%	0.305%
17	19.990	1629	1632	1635	rVV	21464	34259	1.06%	0.315%
18	20.047	1635	1637	1641	rVB	25143	45368	1.40%	0.417%
19	20.230	1649	1653	1656	rVV2	18666	56172	1.74%	0.516%
20	20.516	1672	1678	1686	rBV2	11857	40807	1.26%	0.375%
21	20.744	1691	1698	1701	rVB2	23048	54236	1.68%	0.498%
22	21.202	1735	1738	1740	rBV	24503	40322	1.25%	0.370%
23	21.430	1755	1758	1761	rVV	296685	378256	11.70%	3.473%
24	21.785	1786	1789	1792	rBV	315858	447490	13.85%	4.109%
25	22.105	1815	1817	1819	rBV	203179	283257	8.76%	2.601%
26	22.150	1819	1821	1824	rVV	23537	41095	1.27%	0.377%
27	22.299	1828	1834	1836	rVV3	32701	87083	2.69%	0.800%
28	22.425	1844	1845	1850	rVV2	30455	60918	1.88%	0.559%
29	22.550	1853	1856	1857	rVV	25272	36797	1.14%	0.338%
30	22.585	1857	1859	1861	rVB	36725	36505	1.13%	0.335%
31	22.962	1887	1892	1894	rBV	47421	69086	2.14%	0.634%
32	23.088	1900	1903	1905	rBV	32645	48531	1.50%	0.446%
33	23.122	1905	1906	1909	rVB2	37378	53602	1.66%	0.492%
34	23.213	1912	1914	1916	rVB	28387	34513	1.07%	0.317%

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

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

Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
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35	23.385	1925	1929	1931	rBV2	388674	642767	19.89%	5.902%
36	23.419	1931	1932	1934	rVB	146392	103657	3.21%	0.952%
37	23.499	1937	1939	1941	rBV	106624	109018	3.37%	1.001%
38	23.830	1966	1968	1970	rBV	37587	63869	1.98%	0.586%
39	23.865	1970	1971	1975	rVB3	15259	35801	1.11%	0.329%
40	24.345	2010	2013	2016	rVV3	16701	43319	1.34%	0.398%
41	24.482	2023	2025	2029	rBV	173965	299332	9.26%	2.749%
42	24.573	2031	2033	2035	rVB	30964	33364	1.03%	0.306%
43	24.722	2044	2046	2049	rBV	89199	108603	3.36%	0.997%
44	24.779	2049	2051	2053	rVV	113342	155685	4.82%	1.430%
45	24.825	2053	2055	2061	rVB2	268349	332976	10.30%	3.058%
46	25.625	2123	2125	2131	rVB5	26260	63415	1.96%	0.582%
47	25.876	2144	2147	2149	rBV	63072	112638	3.48%	1.034%
48	26.174	2170	2173	2176	rBV	52165	87152	2.70%	0.800%

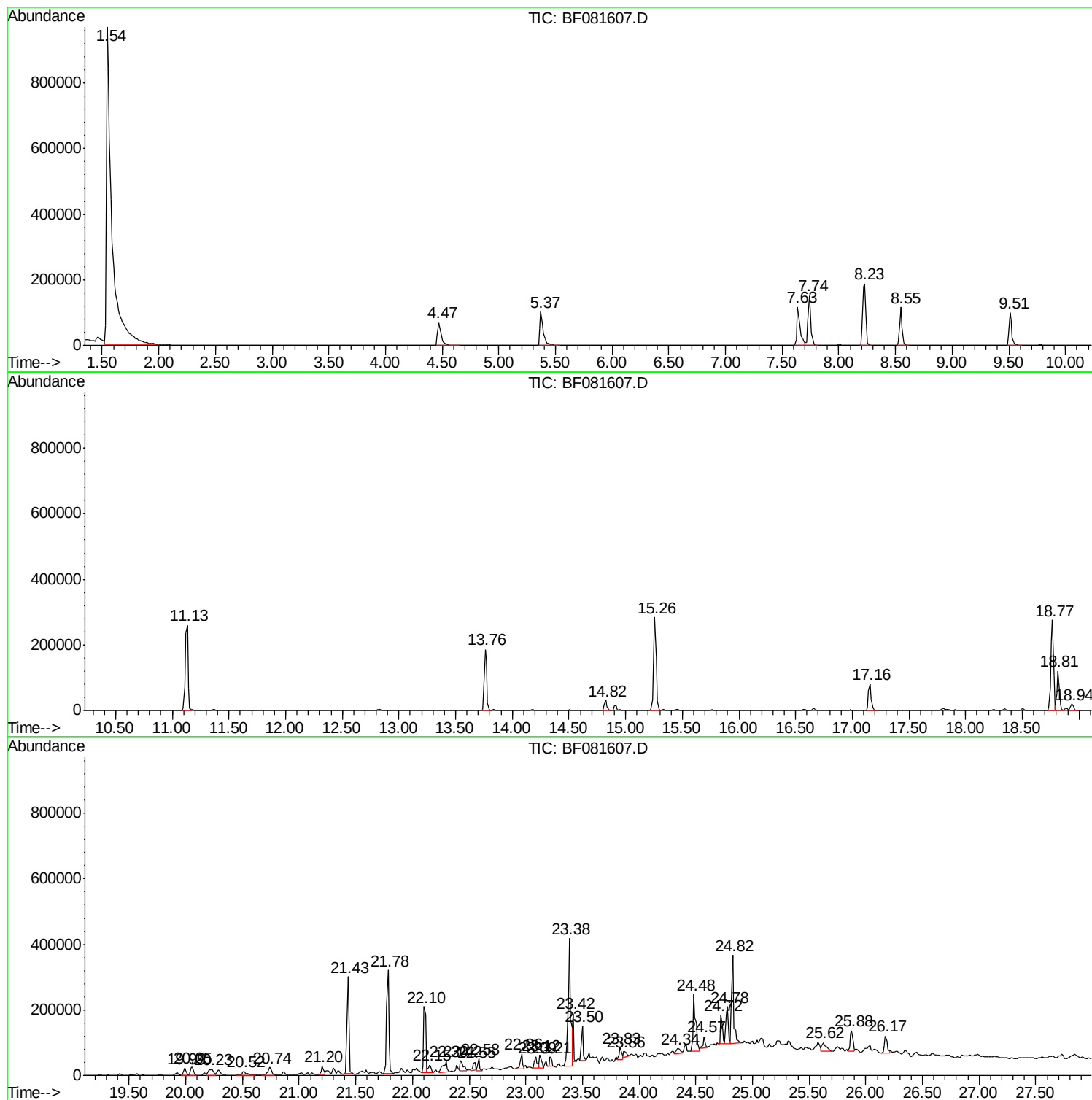
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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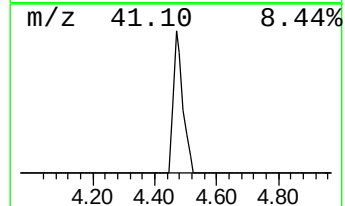
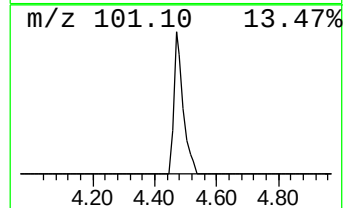
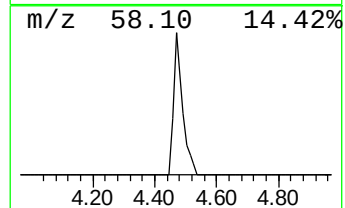
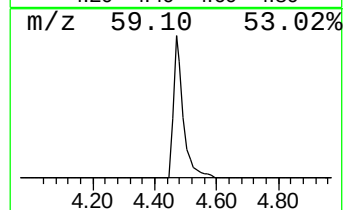
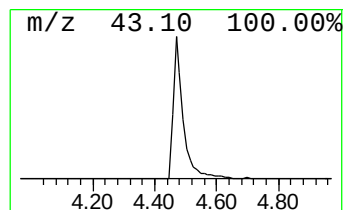
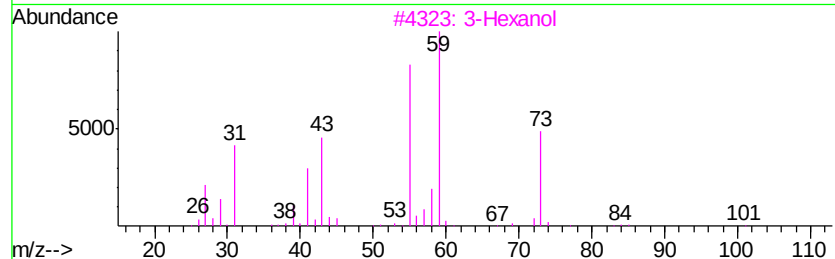
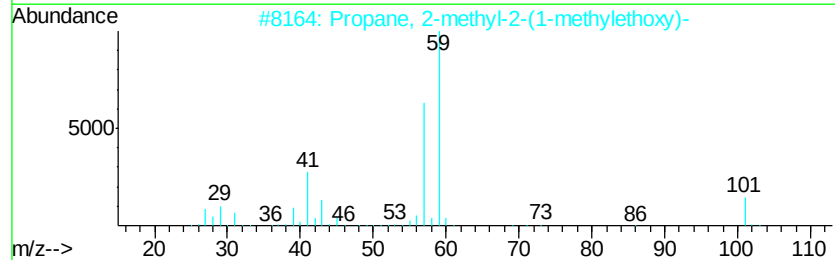
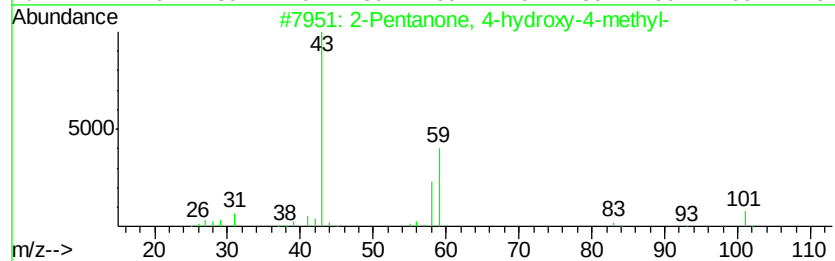
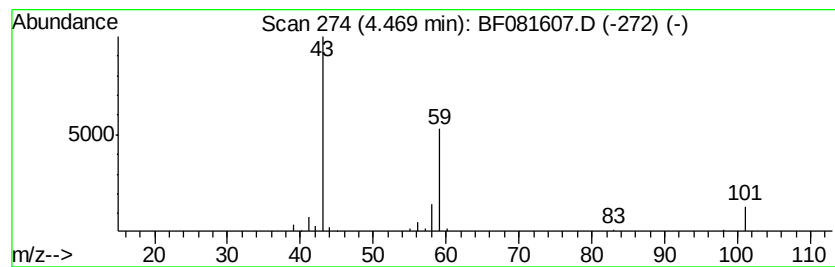
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.47	8.92 ng	149316	1,4-Dichlorobenzene-d4	8.23

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2		Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	36
3		3-Hexanol	102	C6H14O	000623-37-0	33
4		3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
5		Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25



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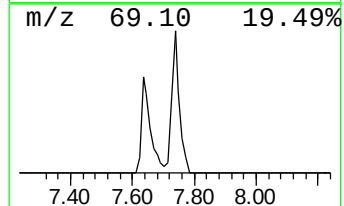
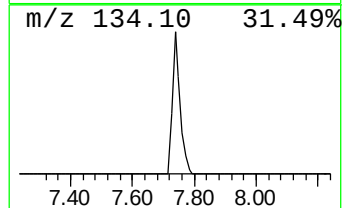
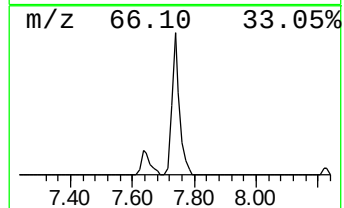
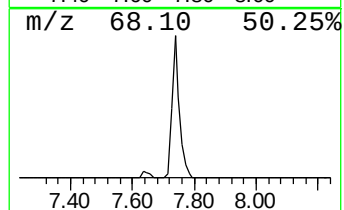
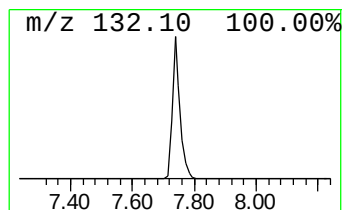
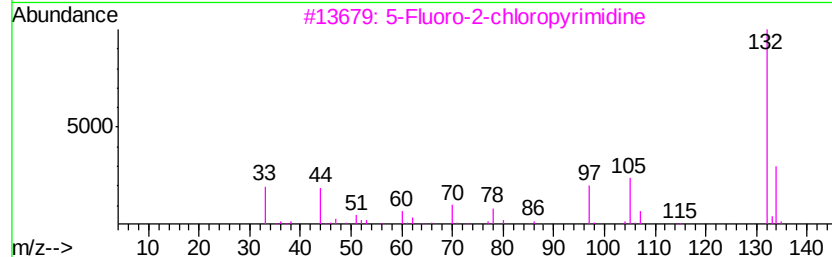
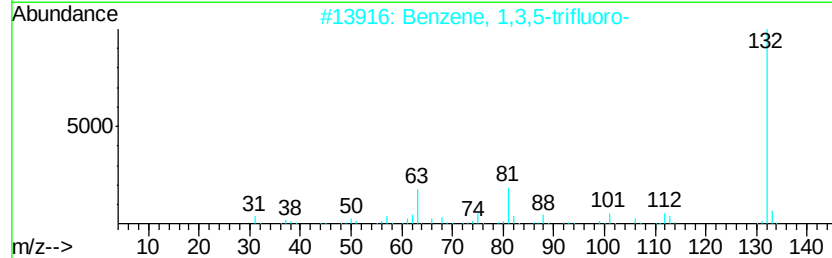
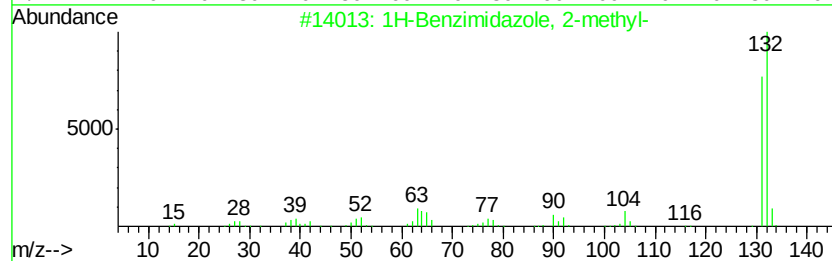
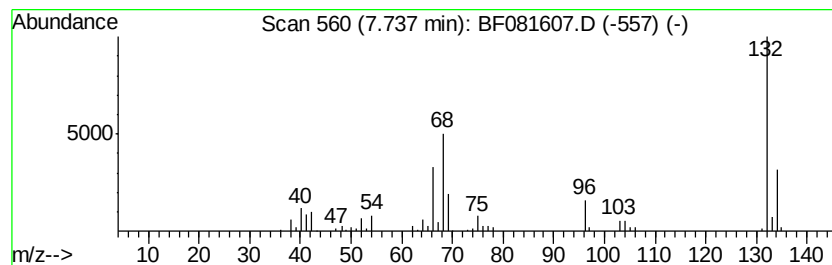
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TIC Library : C:\DATABASE\NIST02.L
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Peak Number 3 unknown7.74 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.74	15.57 ng	260550	1,4-Dichlorobenzene-d4	8.23

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
2		Benzene, 1,3,5-trifluoro-	132	C6H3F3	000372-38-3	14
3		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
4		2-Cyclohexen-1-one	96	C6H8O	000930-68-7	11
5		5-Aminoindole	132	C8H8N2	005192-03-0	10



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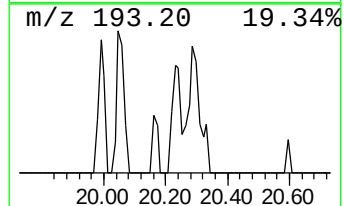
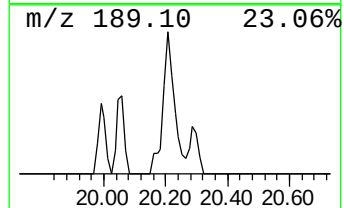
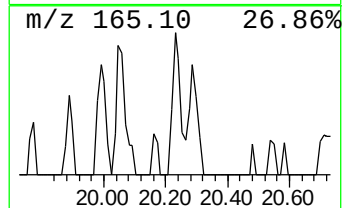
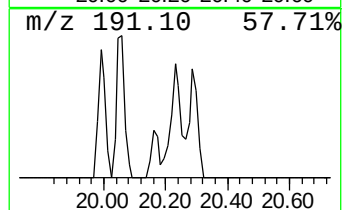
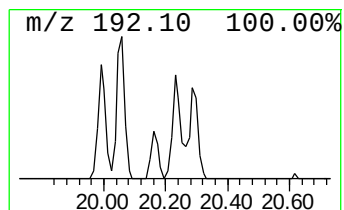
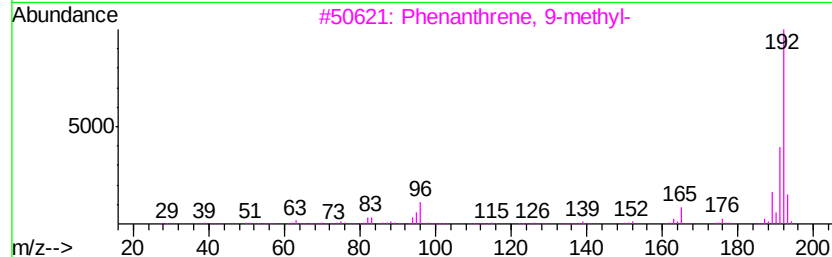
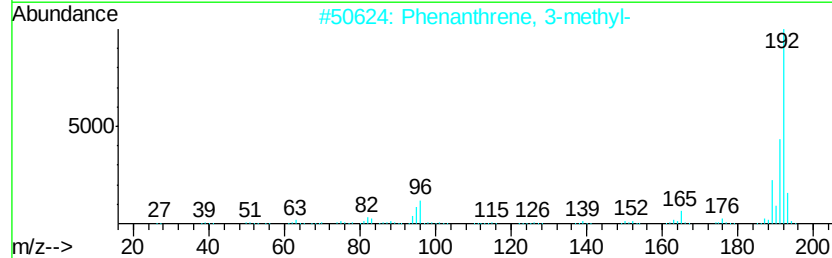
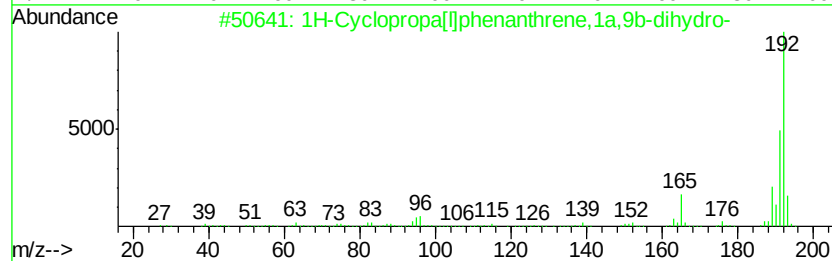
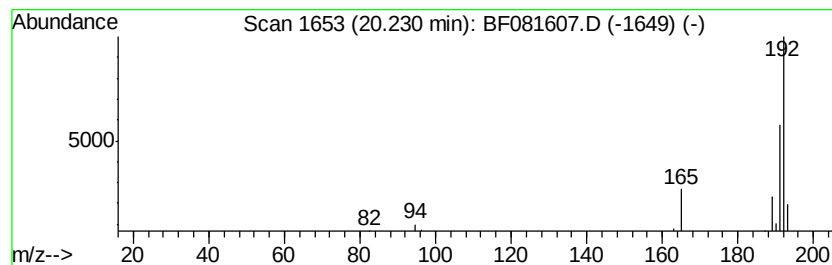
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 1H-Cyclopropa[l]phenanthren... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.23	2.41 ng	56172	Phenanthrene-d10	18.77

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		1H-Cyclopropa[l]phenanthrene, 1a, ...	192	C15H12	000949-41-7	80
2		Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	80
3		Phenanthrene, 9-methyl-	192	C15H12	000883-20-5	80
4		1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	80
5		1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	80



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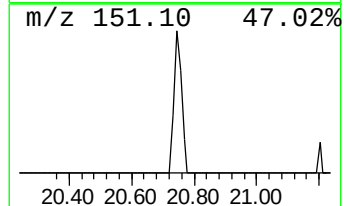
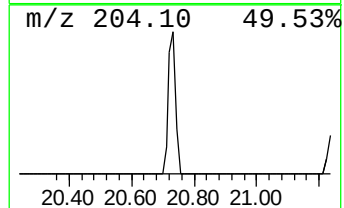
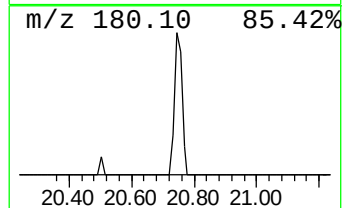
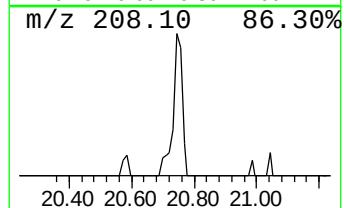
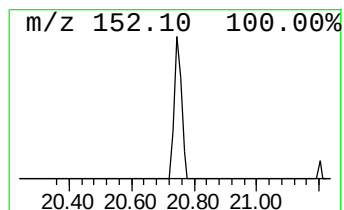
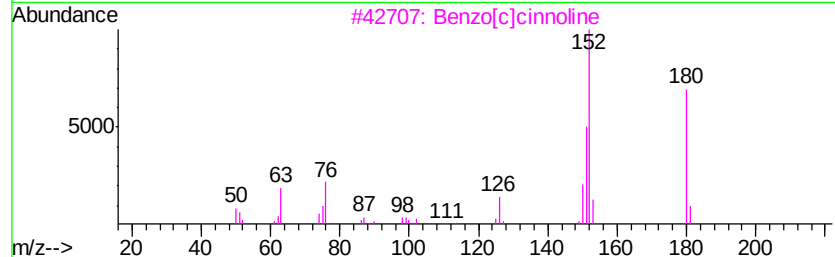
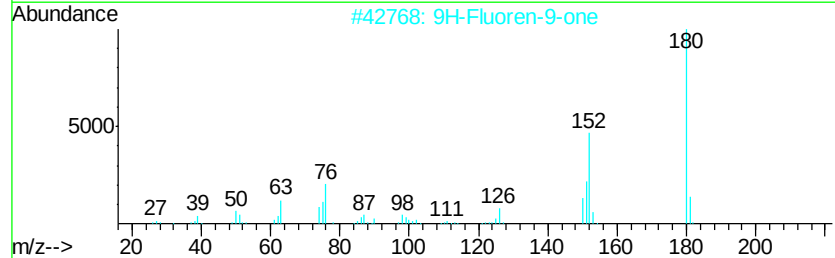
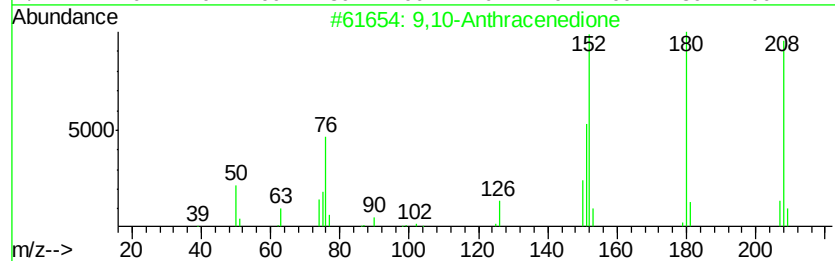
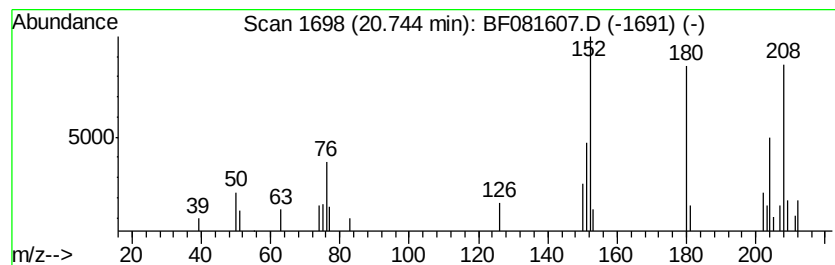
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 9,10-Anthracenedione Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.74	2.33 ng	54236	Phenanthrene-d10	18.77

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9,10-Anthracenedione	208	C14H8O2	000084-65-1	98
2		9H-Fluoren-9-one	180	C13H8O	000486-25-9	60
3		Benzo[c]cinnoline	180	C12H8N2	000230-17-1	53
4		Benzo[h]cinnoline	180	C12H8N2	000230-31-9	53
5		1H-Phenalen-1-one	180	C13H8O	000548-39-0	49



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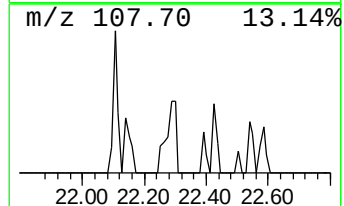
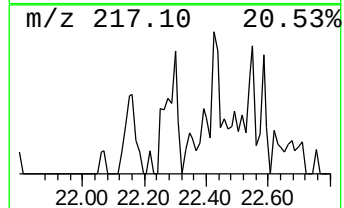
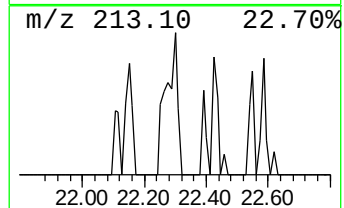
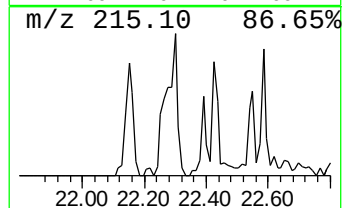
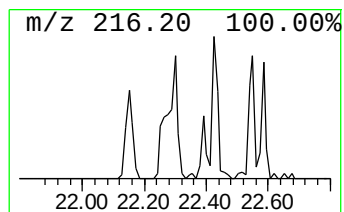
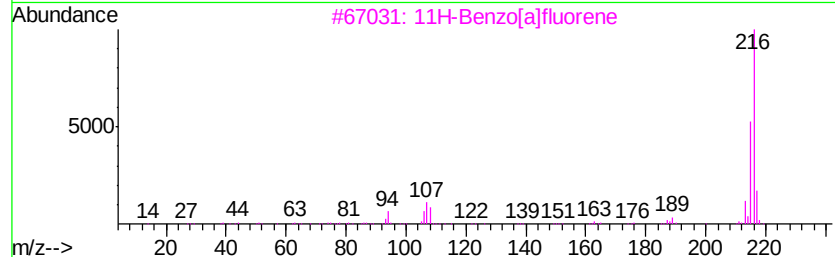
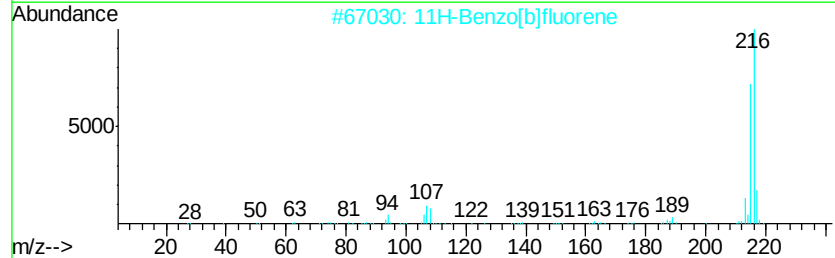
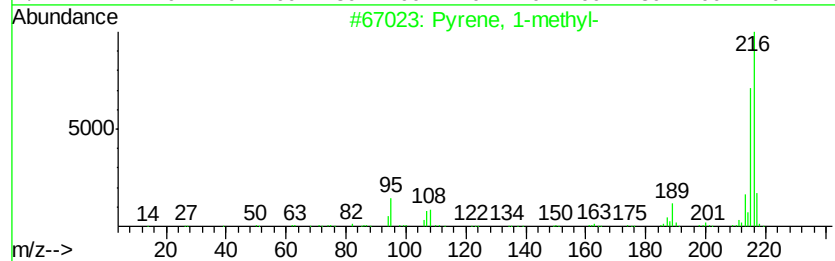
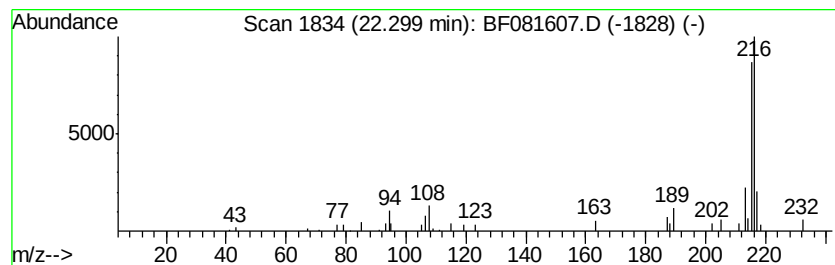
Instrument :
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.30	2.71 ng	87083	Chrysene-d12	23.38
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Pyrene, 1-methyl-	216 C17H12	002381-21-7	94
2	11H-Benzo[b]fluorene	216 C17H12	000243-17-4	93
3	11H-Benzo[a]fluorene	216 C17H12	000238-84-6	90
4	Fluoranthene, 2-methyl-	216 C17H12	033543-31-6	87
5	7H-Benzo[c]fluorene	216 C17H12	000205-12-9	74



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091415\
Data File : BF081607.D
Acq On : 14 Sep 2015 14:34
Operator : UM/IZ
Sample : G3597-01 5X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
GP-1(0-5)

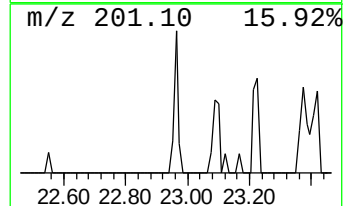
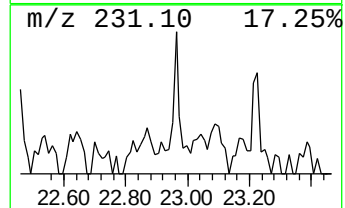
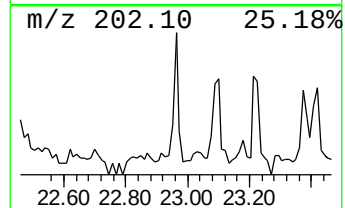
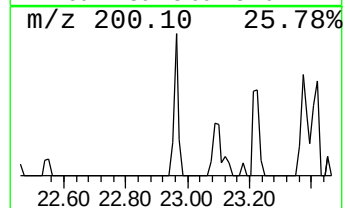
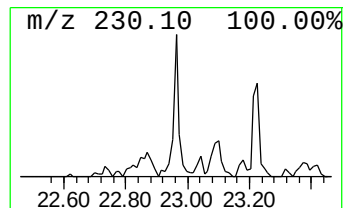
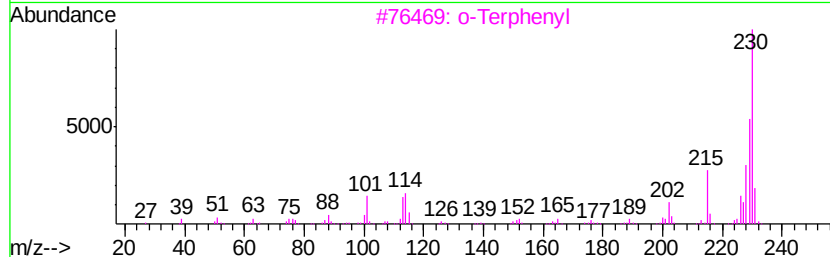
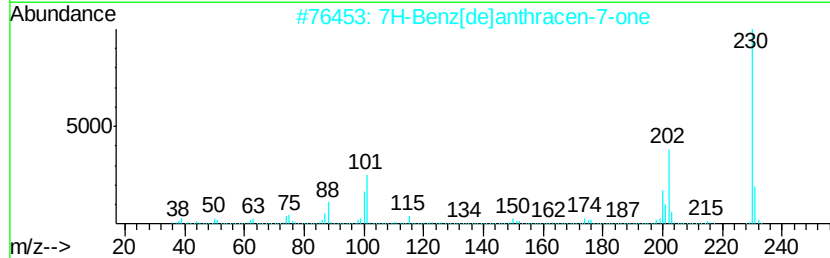
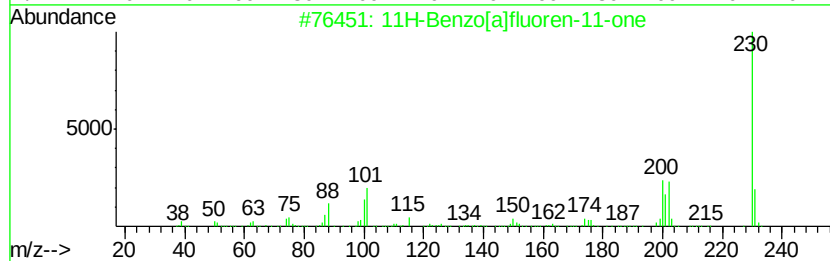
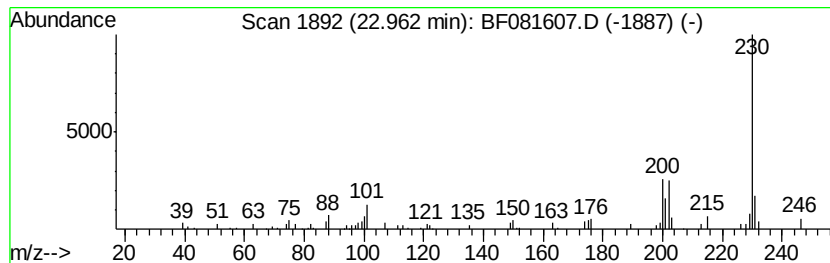
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 11H-Benzo[a]fluoren-11-one Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.96	2.15 ng	69086	Chrysene-d12	23.38

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	95
2		7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	81
3		o-Terphenyl	230	C18H14	000084-15-1	58
4		Dibenzo[c,h][2,6]naphthyridine	230	C16H10N2	000218-30-4	53
5		Pyrene, 1,3-dimethyl-	230	C18H14	064401-21-4	53



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091415\
Data File : BF081607.D
Acq On : 14 Sep 2015 14:34
Operator : UM/IZ
Sample : G3597-01 5X
Misc :
ALS Vial : 6 Sample Multiplier: 1

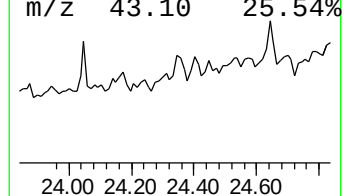
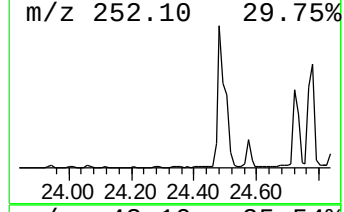
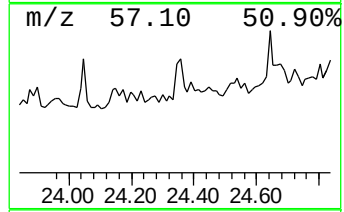
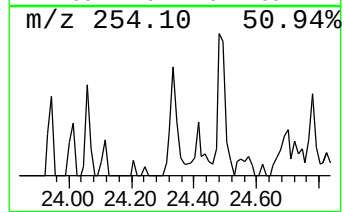
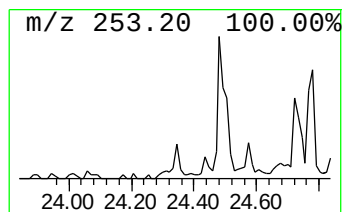
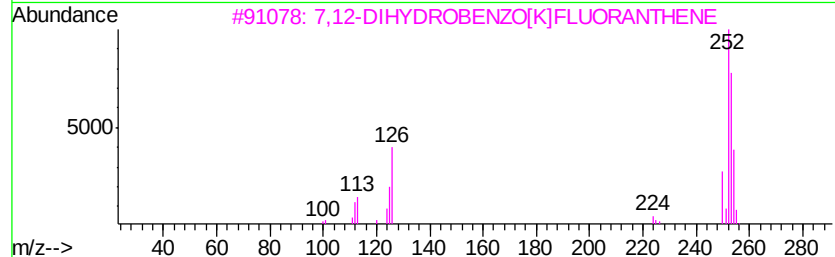
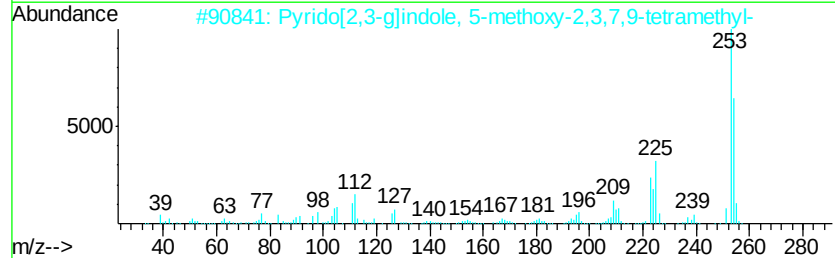
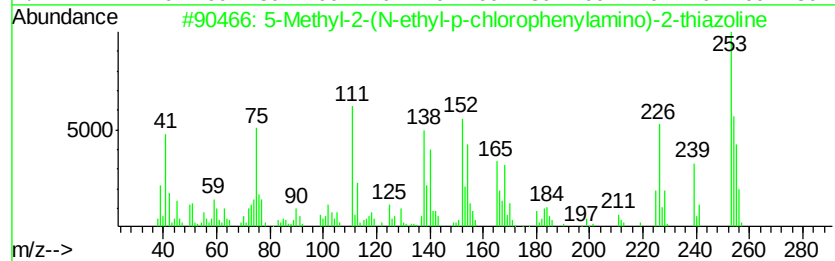
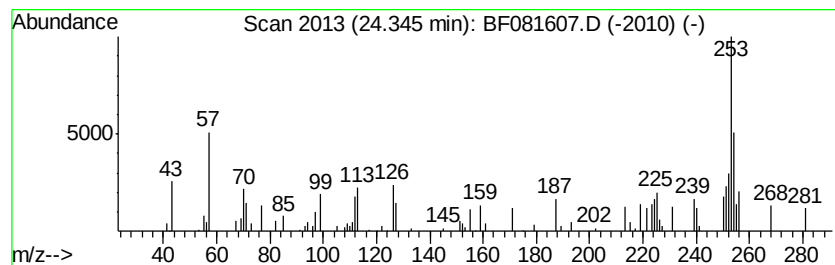
Instrument :
BNA_F
ClientSampleId :
GP-1(0-5)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 5-Methyl-2-(N-ethyl-p-chlor... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.		
24.34	2.60 ng	43319	Perylene-d12	24.82		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Methyl-2-(N-ethyl-p-chlorophen...	254	C12H15ClN2S	075220-53-0	55	
2	Pyrido[2,3-g]indole, 5-methoxy-2...	254	C16H18N2O	201991-45-9	47	
3	7,12-DIHYDROBENZO[K]FLUORANTHENE	254	C20H14	1000080-17-7	46	
4	2-(4-Hydroxy-benzylidene)-benzo[...	254	C15H10O2S	1000297-32-7	43	
5	9H-Fluorene, 9-(phenylmethylene)-	254	C20H14	001836-87-9	43	



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091415\
Data File : BF081607.D
Acq On : 14 Sep 2015 14:34
Operator : UM/IZ
Sample : G3597-01 5X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
GP-1(0-5)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
2-Pentanone, 4-hy...	4.47	8.9	ng	149316	1	8.23	334612	20.0
unknown7.74	7.74	15.6	ng	260550	1	8.23	334612	20.0
1H-Cyclopropa[l]p...	20.23	2.4	ng	56172	4	18.77	465310	20.0
9,10-Anthracenedione	20.74	2.3	ng	54236	4	18.77	465310	20.0
Pyrene, 1-methyl-	22.30	2.7	ng	87083	5	23.38	642767	20.0
11H-Benzo[a]fluor...	22.96	2.1	ng	69086	5	23.38	642767	20.0
5-Methyl-2-(N-eth...	24.34	2.6	ng	43319	6	24.82	332976	20.0