Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062317\
Data File : BM010722.D
Acq On : 24 Jun 2017 10:26
Operator : SJ/JU
Sample : I3627-13ME 5X
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5E24ME

Quant Time: Jun 26 01:51:45 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM062017.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jun 26 01:49:13 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.46	152	77081	20.00	ng/ul	0.00
18) Naphthalene-d8	10.22	136	366763	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.11	164	264564	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.87	188	649500	20.00	ng/ul	0.00
75) Chrysene-d12	21.08	240	662348	20.00	ng/ul	0.00
83) Perylene-d12	23.22	264	474425	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.09	96	296	0.22	ng/uL	0.02
5) Phenol-d5	6.65	99	16198	2.21	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.81	67	8766	2.09	ng/ul	0.00
9) 2-Chlorophenol-d4	7.00	132	11620	2.26	ng/ul	0.00
13) 4-Methylphenol-d8	8.16	113	12967	2.13	ng/ul	0.00
19) Nitrobenzene-d5	8.60	128	6329	2.42	ng/ul	0.00
22) 2-Nitrophenol-d4	9.32	143	7084	2.35	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.85	165	14814	2.33	ng/ul	0.00
29) 4-Chloroaniline-d4	10.36	131	11568	1.73	ng/ul	0.00
43) Dimethylphthalate-d6	13.53	166	56909	2.45	ng/ul	0.00
46) Acenaphthylene-d8	13.80	160	62523	2.31	ng/ul	0.00
51) 4-Nitrophenol-d4	14.32	143	7184	1.76	ng/ul	0.00
57) Fluorene-d10	15.11	176	50542	2.52	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.24	200	7430	1.86	ng/ul	0.00
70) Anthracene-d10	16.87	188	649500	20.71	ng/ul	-0.09
76) Pyrene-d10	19.27	212	91257	2.97	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.22	264	474425	20.69	ng/ul	0.14
Target Compounds						Qvalue
28) Naphthalene	10.27	128	313655	17.18	ng/ul	99
30) 4-Chloroaniline	10.27	127	41799	6.22	ng/ul#	41
34) 2-Methylnaphthalene	11.89	142	63377	4.32	ng/ul	93
49) Acenaphthene	14.17	153	59700	3.44	ng/ul	98
53) Dibenzofuran	14.52	168	67763	2.58	ng/ul	96
58) Fluorene	15.17	166	74858	3.40	ng/ul	97
69) Phenanthrene	16.91	178	336544	9.75	ng/ul	96
71) Anthracene	17.00	178	55402	1.56	ng/ul	96
74) Fluoranthene	18.93	202	200427	4.50	ng/ul#	96
77) Pyrene	19.30	202	130331	3.41	ng/ul	97
80) Benzo(a)anthracene	21.06	228	47972	1.24	ng/ul	100
82) Chrysene	21.06	228	47972	1.39	ng/ul	97

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (Not Reviewed)

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Misc :
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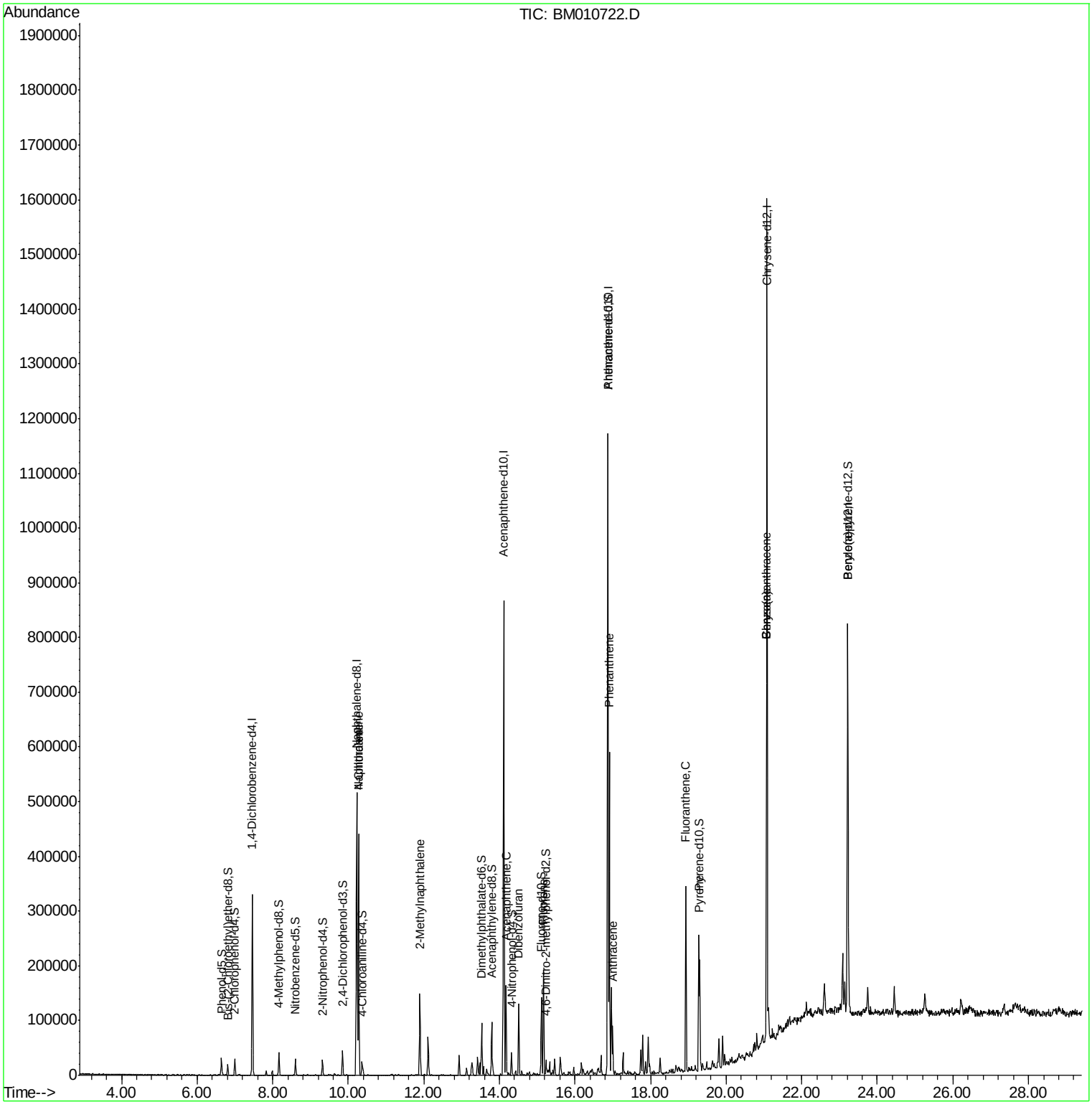
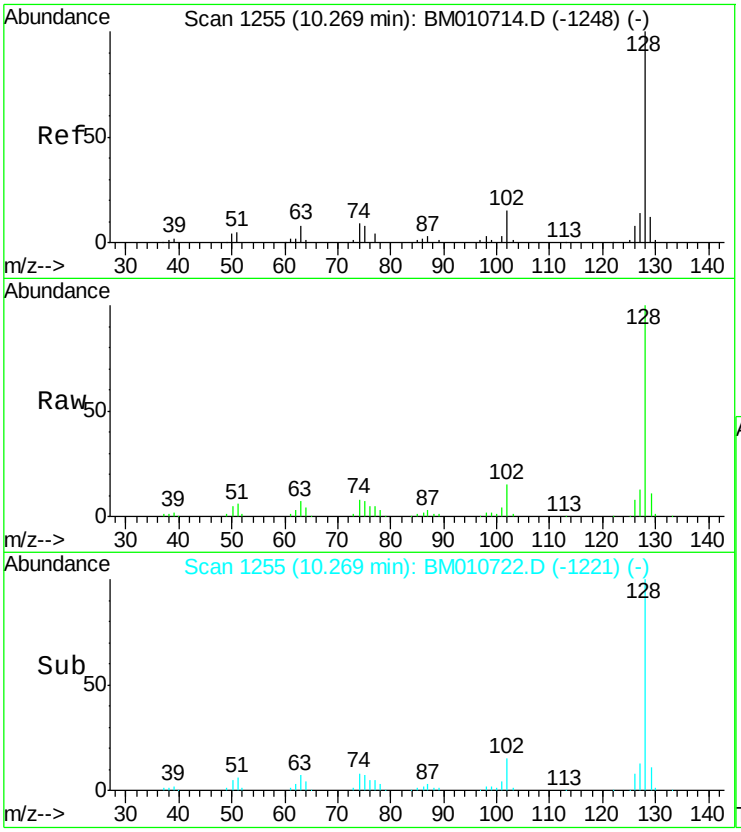
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jun 26 01:49:13 2017
Response via : Initial Calibration



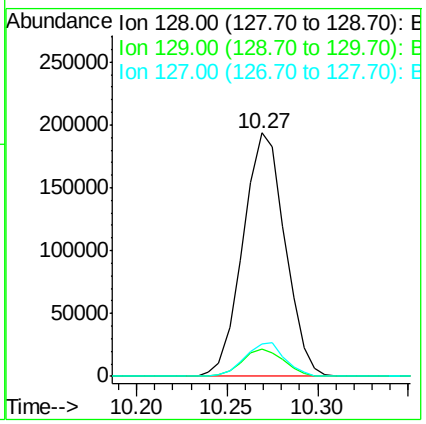


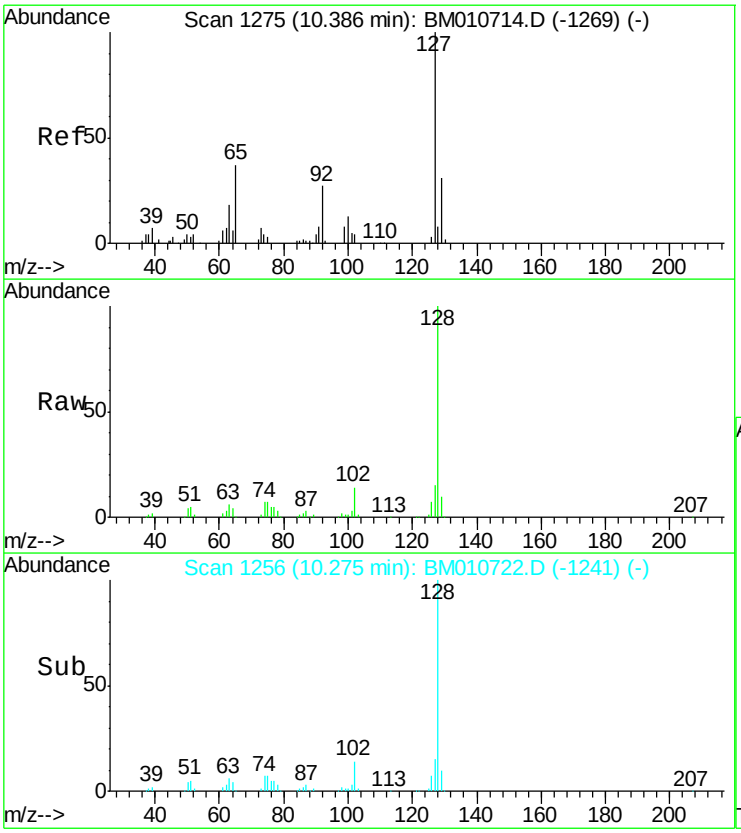
#28
Naphthalene
Concen: 17.18 ng/ul
RT: 10.27 min Scan# 1255
Delta R.T. 0.00 min
Lab File: BM010722.D
Acq: 24 Jun 2017 10:26

Instrument :
BNA_M
ClientSampleId :
F5E24ME

Tgt Ion:128 Resp: 313655

Ion	Ratio	Lower	Upper
128	100		
129	11.3	8.8	13.2
127	13.5	10.6	16.0

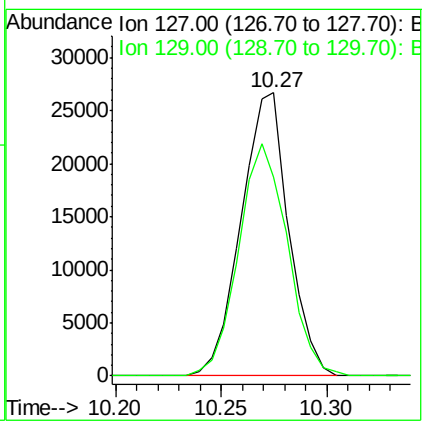


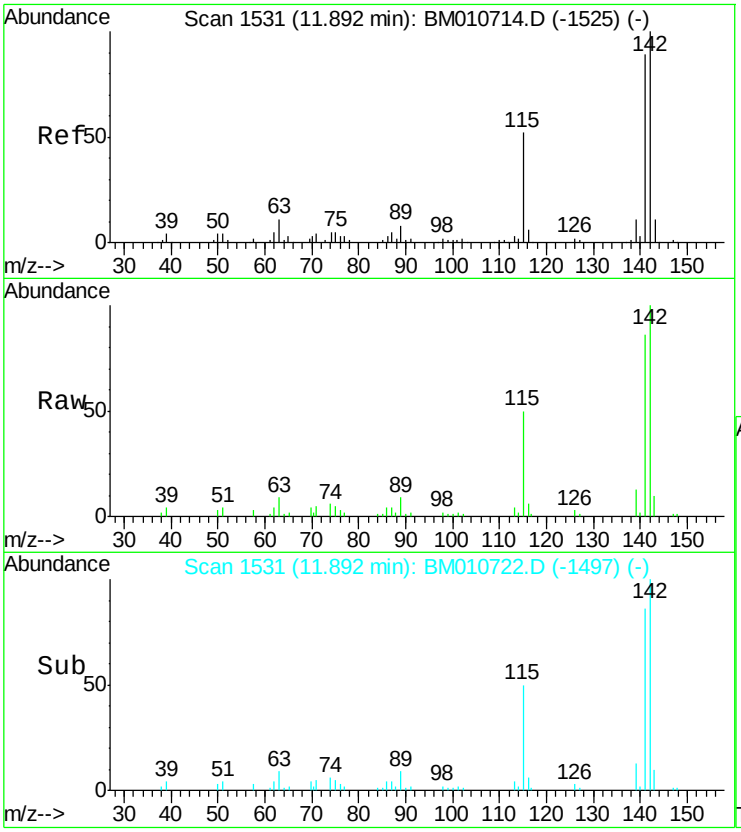


#30
4-Chloroaniline
Concen: 6.22 ng/ul
RT: 10.27 min Scan# 1256
Delta R.T. -0.11 min
Lab File: BM010722.D
Acq: 24 Jun 2017 10:26

Tgt Ion:127 Resp: 41799

Ion	Ratio	Lower	Upper
127	100		
129	70.1	28.4	42.6#



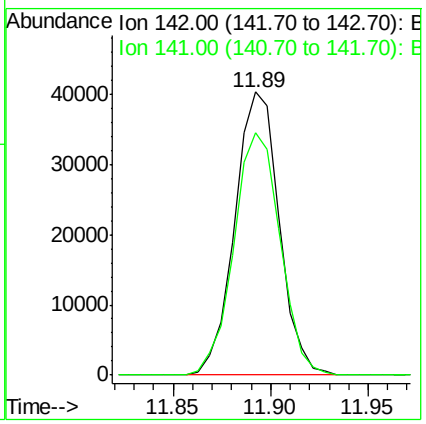


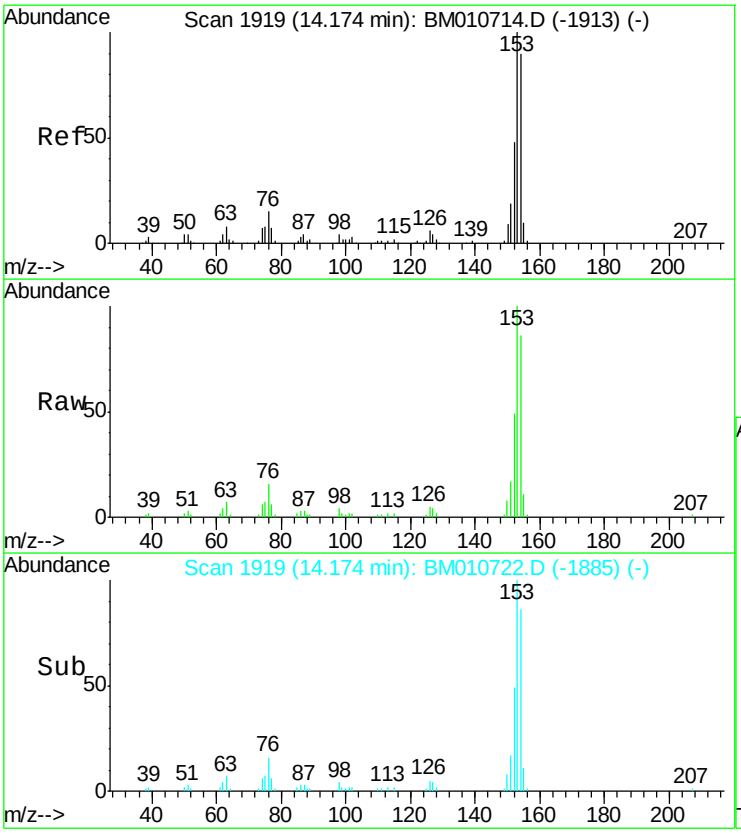
#34
2-Methylnaphthalene
Concen: 4.32 ng/ul
RT: 11.89 min Scan# 1531
Delta R.T. 0.00 min
Lab File: BM010722.D
Acq: 24 Jun 2017 10:26

Instrument :
BNA_M
ClientSampleId :
F5E24ME

Tgt Ion:142 Resp: 63377

Ion	Ratio	Lower	Upper
142	100		
141	85.6	74.1	111.1

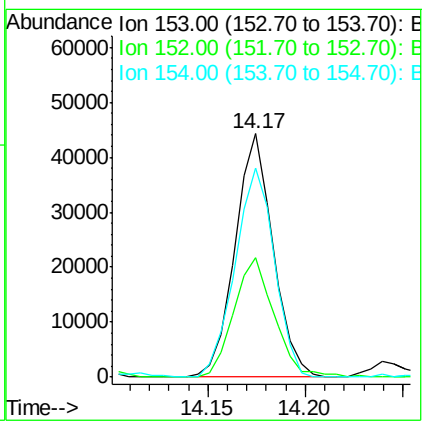


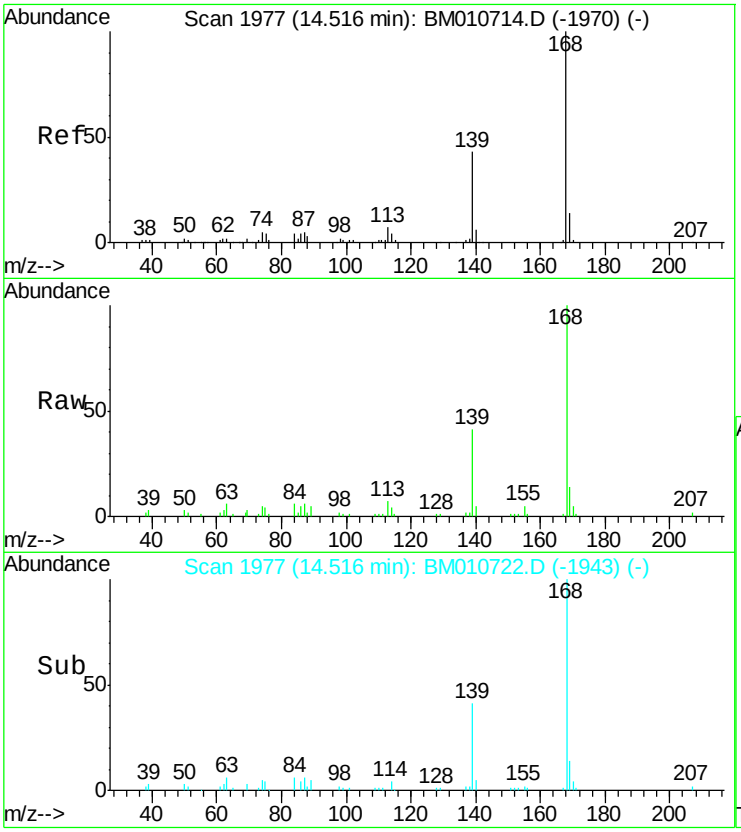


#49
Acenaphthene
Concen: 3.44 ng/ul
RT: 14.17 min Scan# 1919
Delta R.T. 0.00 min
Lab File: BM010722.D
Acq: 24 Jun 2017 10:26

Tgt Ion:153 Resp: 59700

Ion	Ratio	Lower	Upper
153	100		
152	48.9	37.6	56.4
154	86.1	70.4	105.6



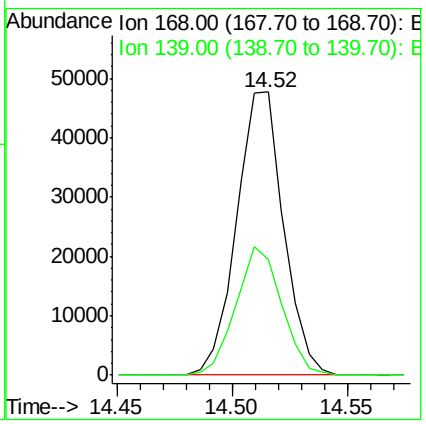


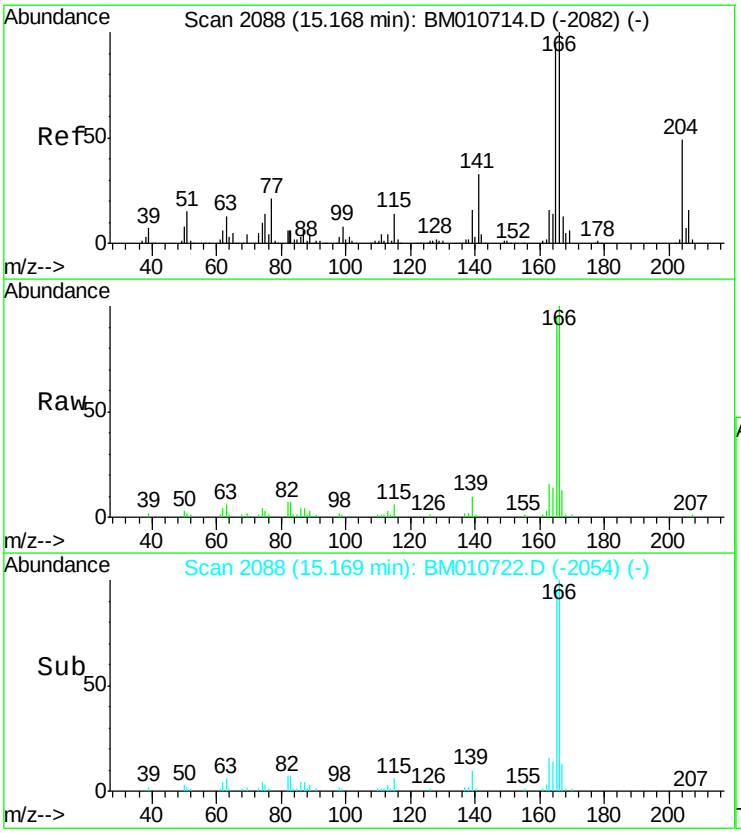
#53
Dibenzofuran
Concen: 2.58 ng/ul
RT: 14.52 min Scan# 1977
Delta R.T. 0.00 min
Lab File: BM010722.D
Acq: 24 Jun 2017 10:26

Instrument :
BNA_M
ClientSampleId :
F5E24ME

Tgt Ion:168 Resp: 67763

Ion	Ratio	Lower	Upper
168	100		
139	41.0	30.8	46.2

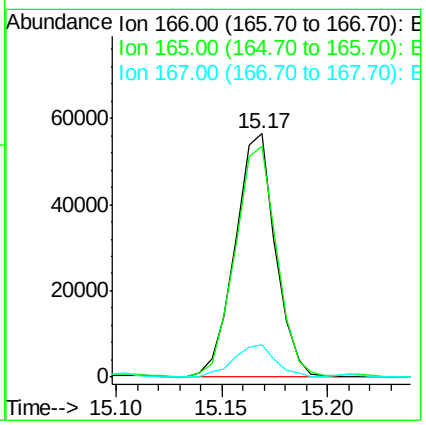


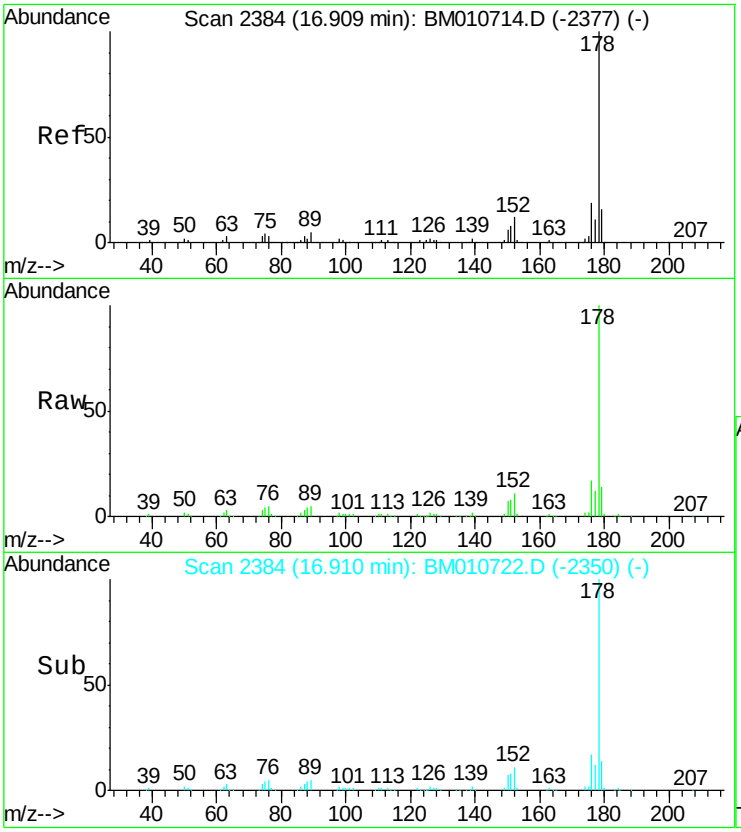


#58
Fluorene
Concen: 3.40 ng/ul
RT: 15.17 min Scan# 2088
Delta R.T. 0.00 min
Lab File: BM010722.D
Acq: 24 Jun 2017 10:26

Tgt Ion:166 Resp: 74858

Ion	Ratio	Lower	Upper
166	100		
165	94.6	77.9	116.9
167	13.2	10.6	16.0



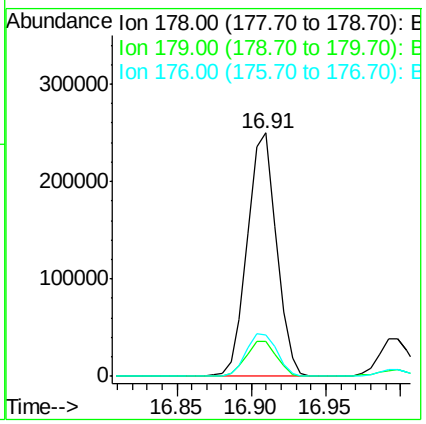


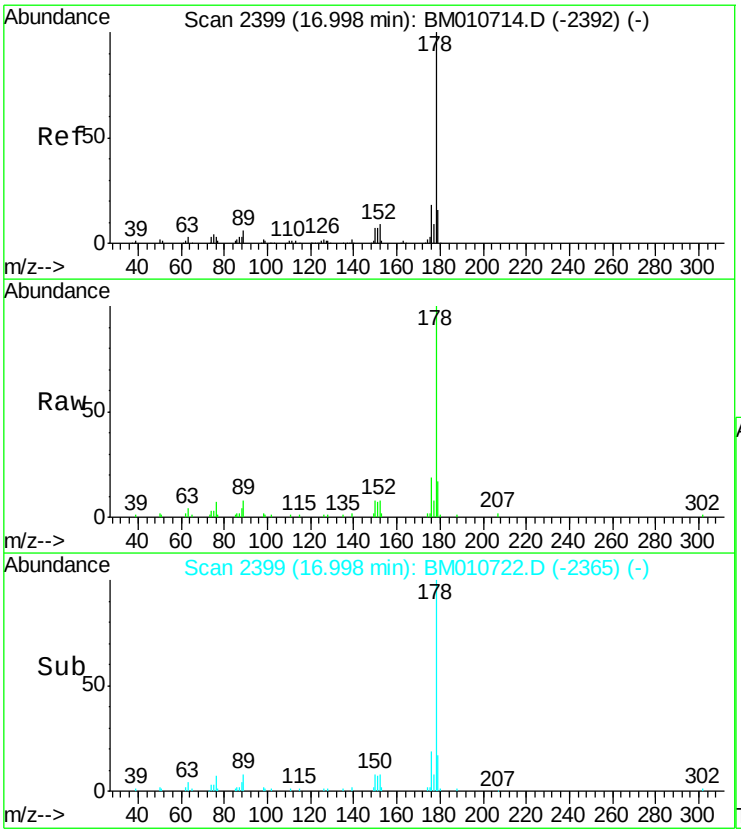
#69
Phenanthrene
Concen: 9.75 ng/ul
RT: 16.91 min Scan# 2384
Delta R.T. 0.00 min
Lab File: BM010722.D
Acq: 24 Jun 2017 10:26

Instrument :
BNA_M
ClientSampleId :
F5E24ME

Tgt Ion:178 Resp: 336544

Ion	Ratio	Lower	Upper
178	100		
179	14.1	12.6	19.0
176	16.9	14.9	22.3

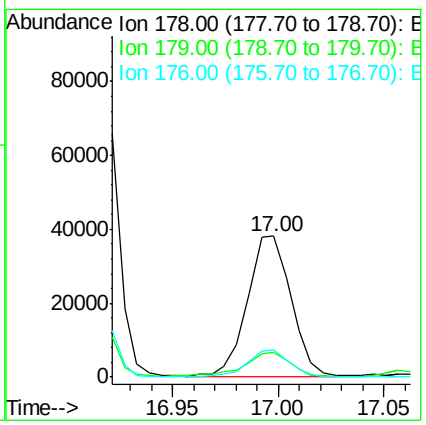


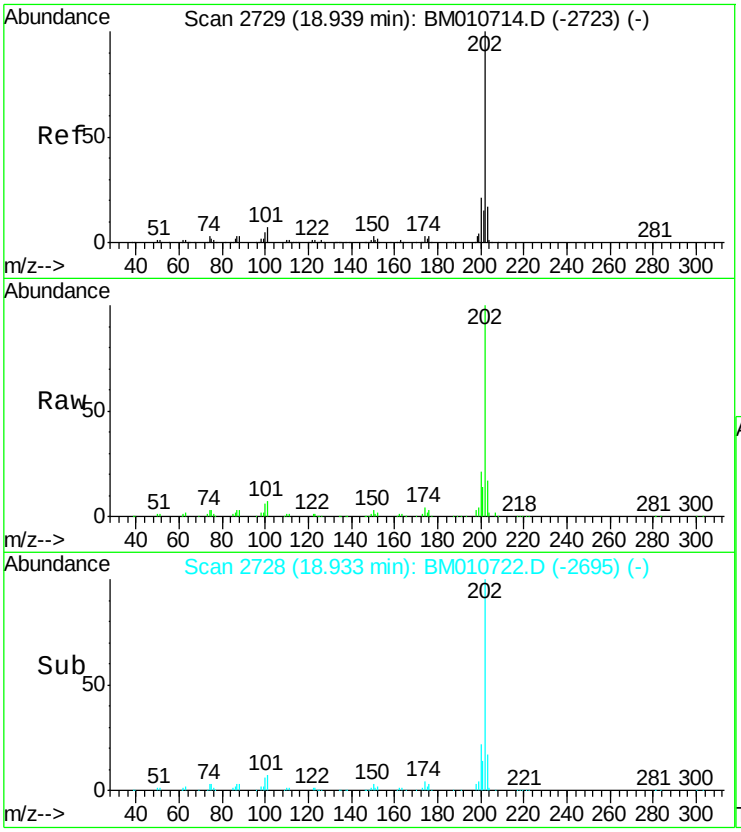


#71
Anthracene
Concen: 1.56 ng/ul
RT: 17.00 min Scan# 2399
Delta R.T. 0.00 min
Lab File: BM010722.D
Acq: 24 Jun 2017 10:26

Tgt Ion:178 Resp: 55402

Ion	Ratio	Lower	Upper
178	100		
179	17.3	11.7	17.5
176	19.1	14.6	21.8



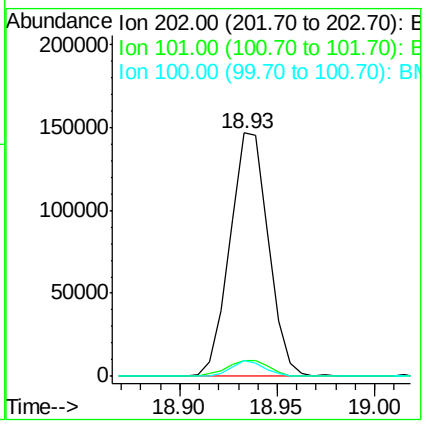


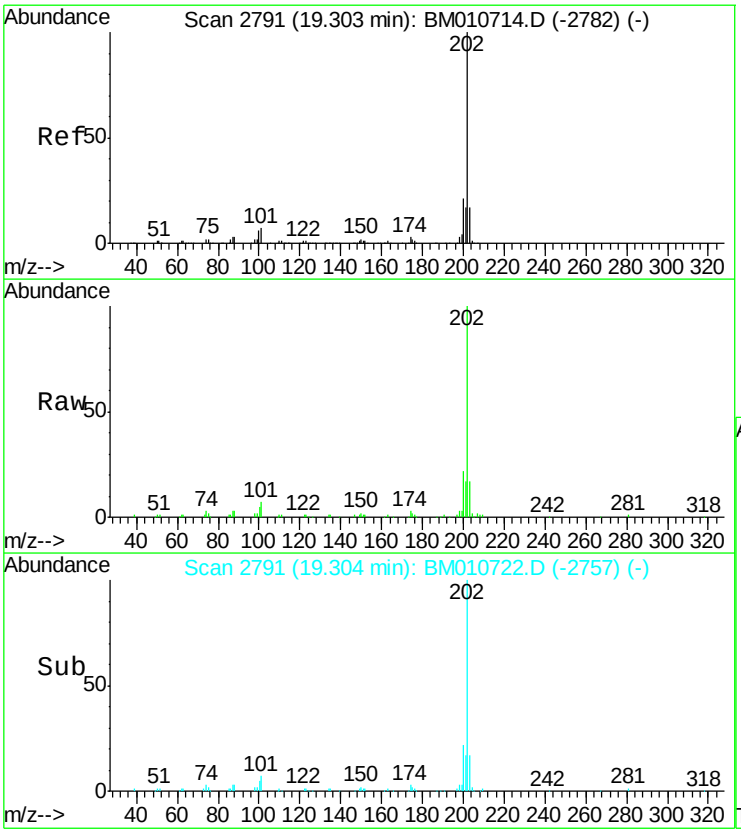
#74
Fluoranthene
Concen: 4.50 ng/ul
RT: 18.93 min Scan# 2728
Delta R.T. -0.01 min
Lab File: BM010722.D
Acq: 24 Jun 2017 10:26

Instrument :
BNA_M
ClientSampleId :
F5E24ME

Tgt Ion:202 Resp: 200427

Ion	Ratio	Lower	Upper
202	100		
101	6.7	4.6	7.0
100	6.4	3.4	5.2#

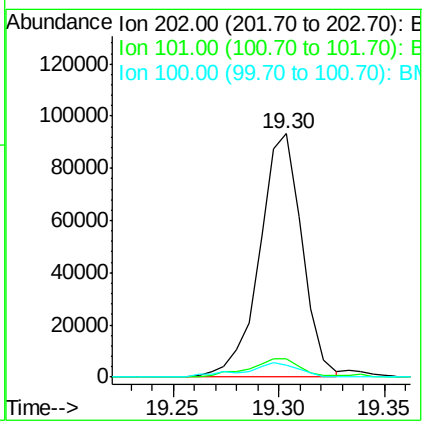


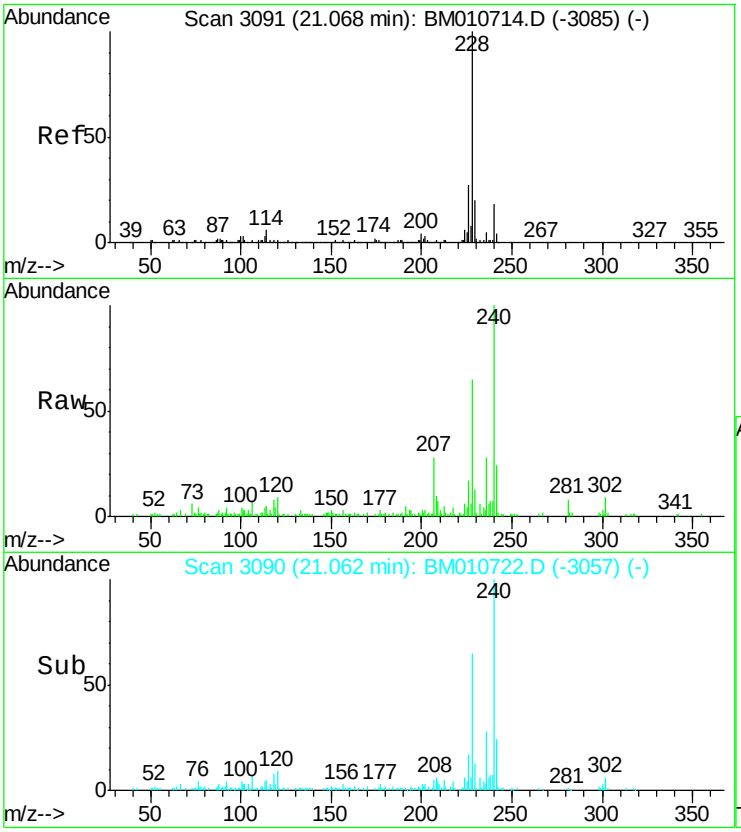


#77
Pyrene
Concen: 3.41 ng/ul
RT: 19.30 min Scan# 2791
Delta R.T. 0.00 min
Lab File: BM010722.D
Acq: 24 Jun 2017 10:26

Tgt Ion:202 Resp: 130331

Ion	Ratio	Lower	Upper
202	100		
101	7.4	5.1	7.7
100	5.1	4.9	7.3



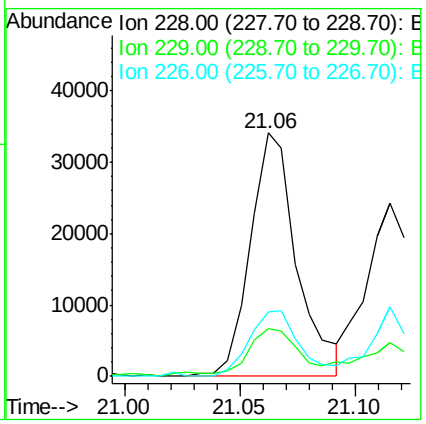


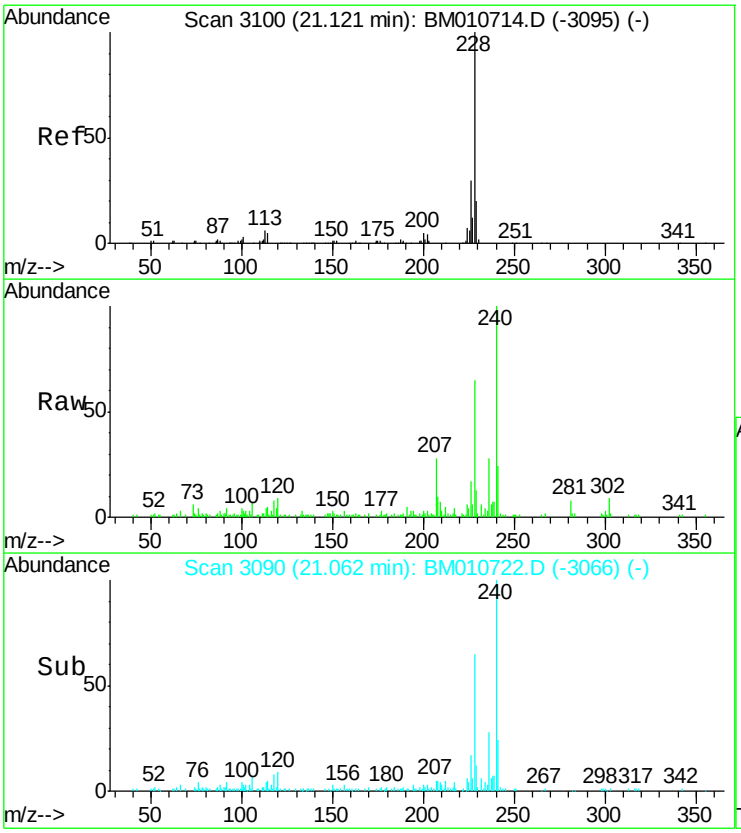
#80
Benzo(a)anthracene
Concen: 1.24 ng/ul
RT: 21.06 min Scan# 3090
Delta R.T. -0.01 min
Lab File: BM010722.D
Acq: 24 Jun 2017 10:26

Instrument :
BNA_M
ClientSampleId :
F5E24ME

Tgt Ion:228 Resp: 47972

Ion	Ratio	Lower	Upper
228	100		
229	19.7	15.4	23.0
226	26.7	21.4	32.0





#82
Chrysene
Concen: 1.39 ng/ul
RT: 21.06 min Scan# 3090
Delta R.T. -0.06 min
Lab File: BM010722.D
Acq: 24 Jun 2017 10:26

Tgt Ion:228 Resp: 47972

Ion	Ratio	Lower	Upper
228	100		
226	26.7	23.4	35.2
229	19.7	15.5	23.3