Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062317\

Quantitation Report (LSC Reviewed)

Data File : BM010705.D
Acq On : 24 Jun 2017 00:14
Operator : SJ/JU
Sample : I3599-13MEDL 50X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Jun 24 05:42:12 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM062017.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Jun 24 04:37:39 2017
Response via : Initial Calibration

Instrument : BNA_M
ClientSampleId : F5B27MEDL

Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.46	152	75890	20.00	ng/ul	0.00
18) Naphthalene-d8	10.22	136	360798	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.11	164	260070	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.87	188	638440	20.00	ng/ul	0.00
75) Chrysene-d12	21.08	240	657410	20.00	ng/ul	0.00
83) Perylene-d12	23.22	264	469087	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	0.00	96	0	0.00	ng/uL	
5) Phenol-d5	6.65	99	2507	0.35	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.81	67	1234	0.30	ng/ul	0.00
9) 2-Chlorophenol-d4	6.99	132	1875	0.37	ng/ul	0.00
13) 4-Methylphenol-d8	8.17	113	2216	0.37	ng/ul	0.00
19) Nitrobenzene-d5	8.60	128	1292	0.50	ng/ul	0.00
22) 2-Nitrophenol-d4	9.31	143	787	0.27	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.85	165	2842	0.46	ng/ul	0.00
29) 4-Chloroaniline-d4	10.37	131	4024	0.61	ng/ul	0.00
43) Dimethylphthalate-d6	13.53	166	9213	0.40	ng/ul	0.00
46) Acenaphthylene-d8	13.80	160	12339	0.46	ng/ul	0.00
51) 4-Nitrophenol-d4	14.33	143	414	0.10	ng/ul	0.00
57) Fluorene-d10	15.12	176	10346	0.52	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.23	200	883	0.23	ng/ul	-0.01
70) Anthracene-d10	16.96	188	15748m	0.51	ng/ul	0.00
76) Pyrene-d10	19.27	212	15388	0.50	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.09	264	8928	0.39	ng/ul	0.00
Target Compounds						Qvalue
28) Naphthalene	10.27	128	761855	42.43	ng/ul	100
34) 2-Methylnaphthalene	11.89	142	168858	11.70	ng/ul	95
40) 1,1'-Biphenyl	12.93	154	43797	2.15	ng/ul#	96
49) Acenaphthene	14.17	153	125004	7.33	ng/ul	97
53) Dibenzofuran	14.52	168	147883	5.72	ng/ul	94
58) Fluorene	15.17	166	147964	6.84	ng/ul	99
69) Phenanthrene	16.91	178	613669	18.08	ng/ul	99
71) Anthracene	17.00	178	90108	2.58	ng/ul	95
72) Carbazole	17.27	167	40278	1.32	ng/ul	97
74) Fluoranthene	18.94	202	381667	8.73	ng/ul	99
77) Pyrene	19.30	202	249548	6.57	ng/ul	98
80) Benzo(a)anthracene	21.06	228	77362	2.02	ng/ul	97
82) Chrysene	21.12	228	52429	1.54	ng/ul	94
85) Benzo(b)fluoranthene	22.59	252	33963	1.12	ng/ul	96

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

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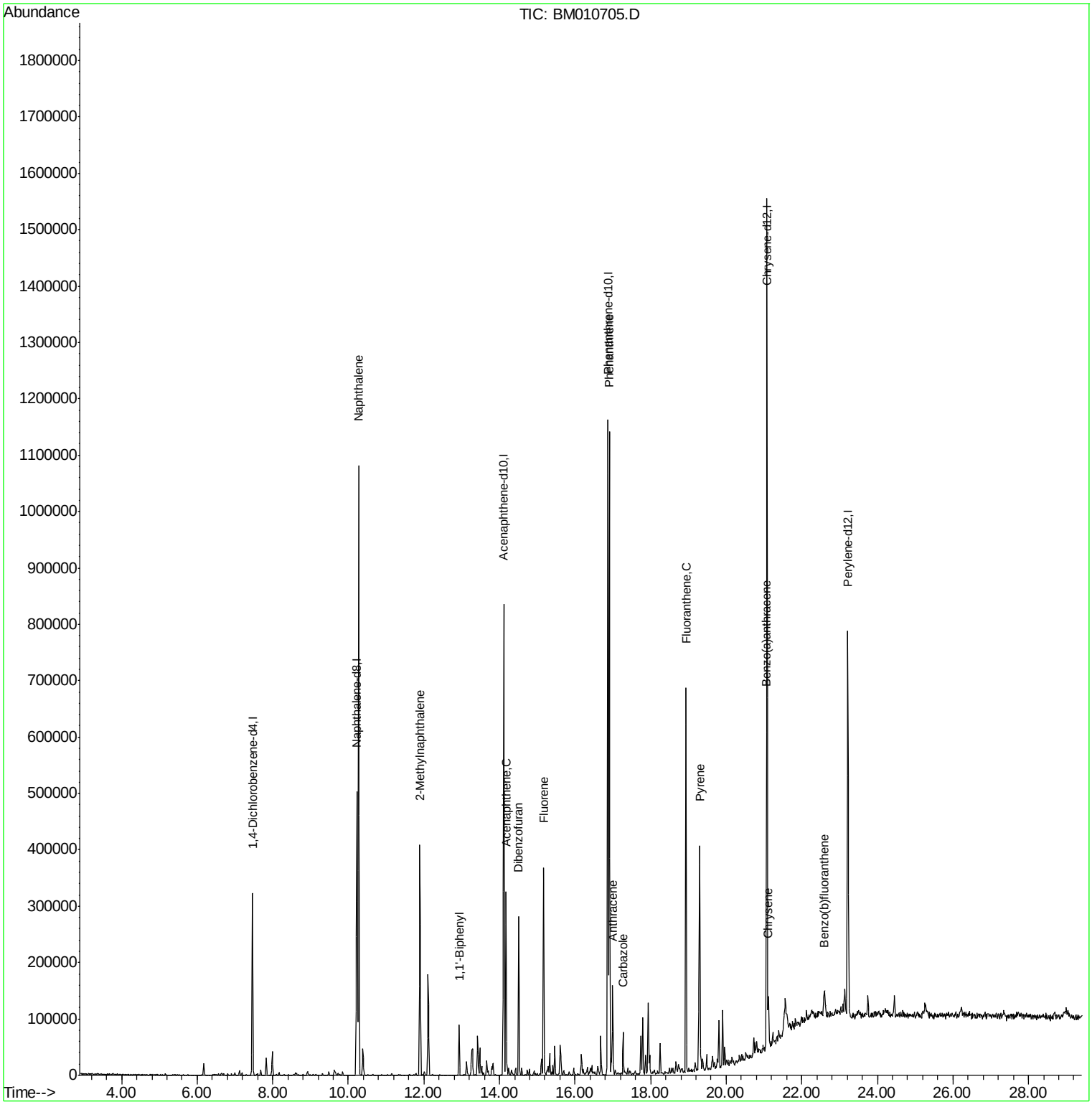
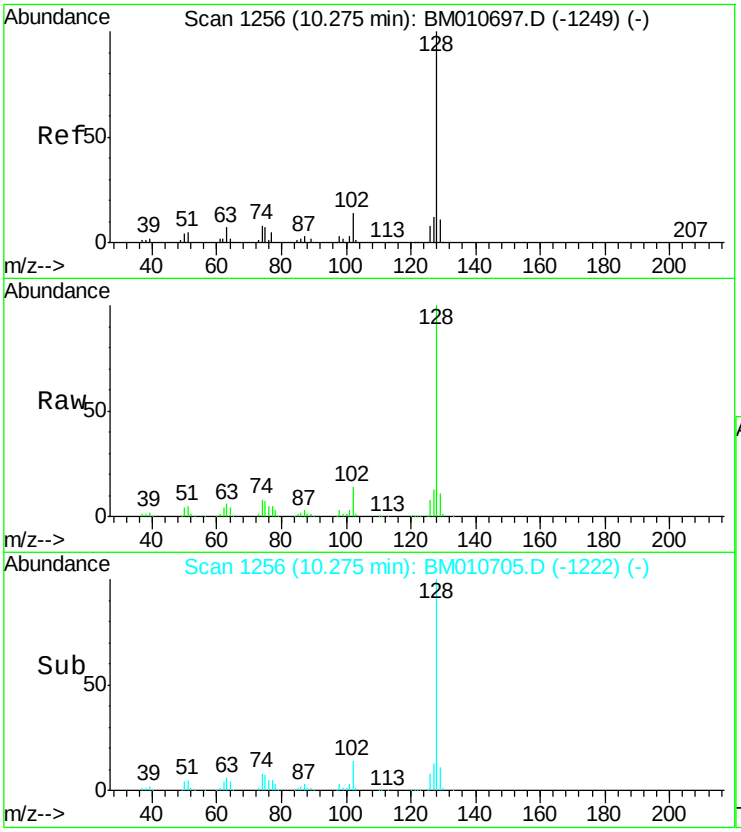
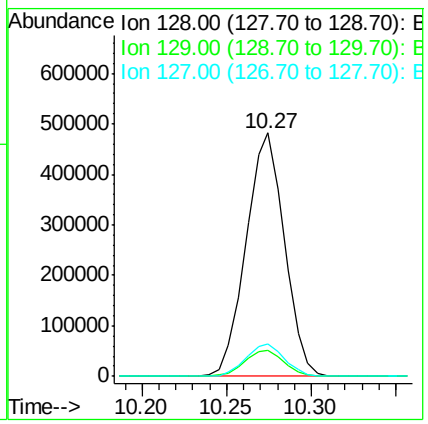




#28
Naphthalene
Concen: 42.43 ng/ul
RT: 10.27 min Scan# 1256
Delta R.T. 0.00 min
Lab File: BM010705.D
Acq: 24 Jun 2017 00:14

Tgt Ion:128 Resp: 761855

Ion	Ratio	Lower	Upper
128	100		
129	10.9	8.8	13.2
127	13.3	10.6	16.0



Instrument :
BNA_M
ClientSampleId :
F5B27MEDL

Manual Integrations APPROVED
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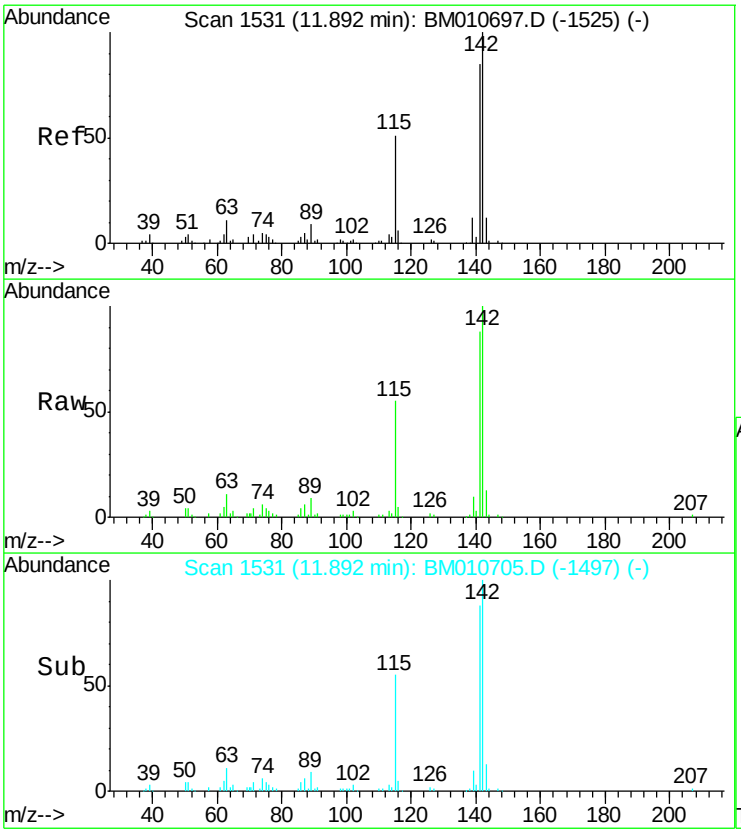
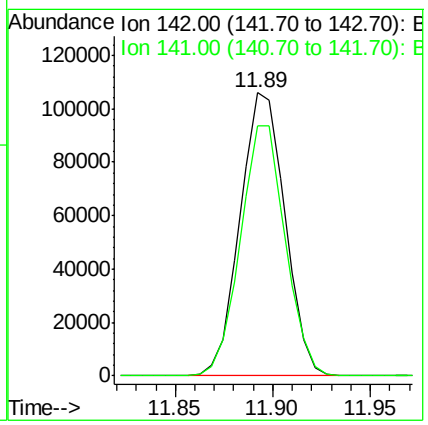
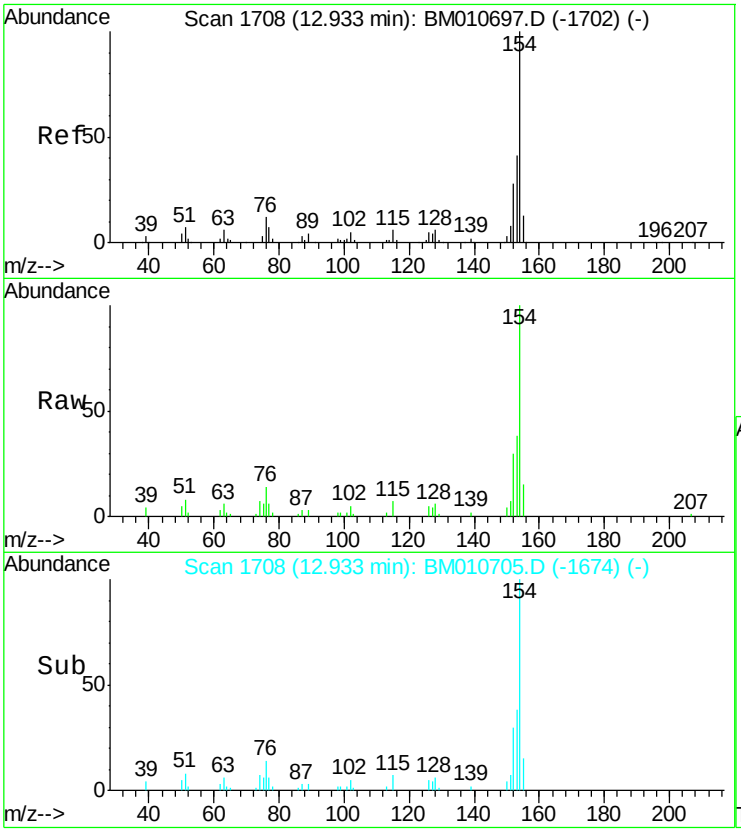


#34
2-Methylnaphthalene
Concen: 11.70 ng/ul
RT: 11.89 min Scan# 1531
Delta R.T. 0.00 min
Lab File: BM010705.D
Acq: 24 Jun 2017 00:14

Tgt Ion:142 Resp: 168858

Ion	Ratio	Lower	Upper
142	100		
141	88.2	74.1	111.1

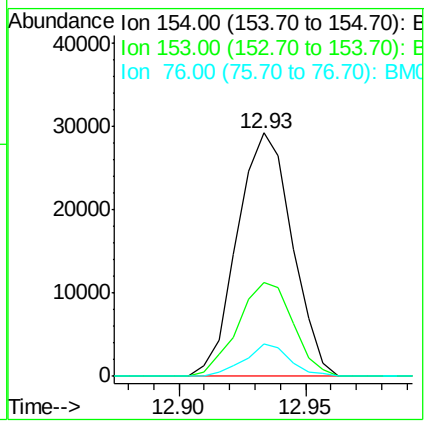




#40
1,1'-Biphenyl
Concen: 2.15 ng/ul
RT: 12.93 min Scan# 1708
Delta R.T. 0.00 min
Lab File: BM010705.D
Acq: 24 Jun 2017 00:14

Tgt Ion:154 Resp: 43797

Ion	Ratio	Lower	Upper
154	100		
153	38.5	32.6	48.8
76	13.5	8.5	12.7#



Instrument :
BNA_M
ClientSampleId :
F5B27MEDL

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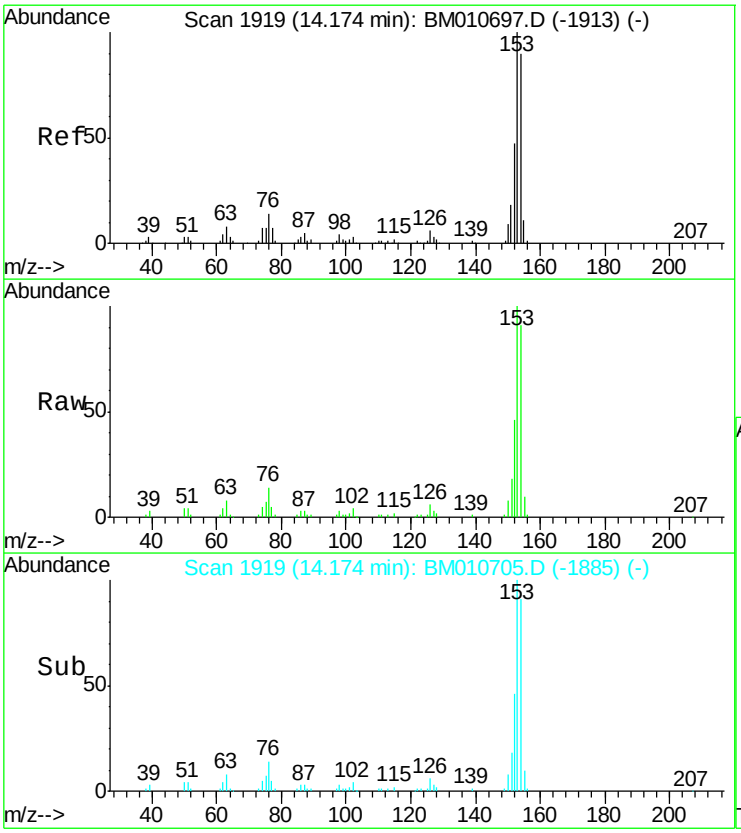
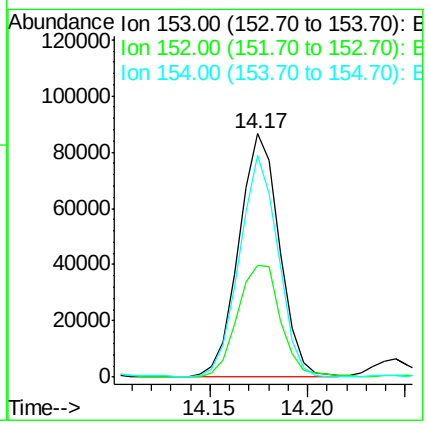
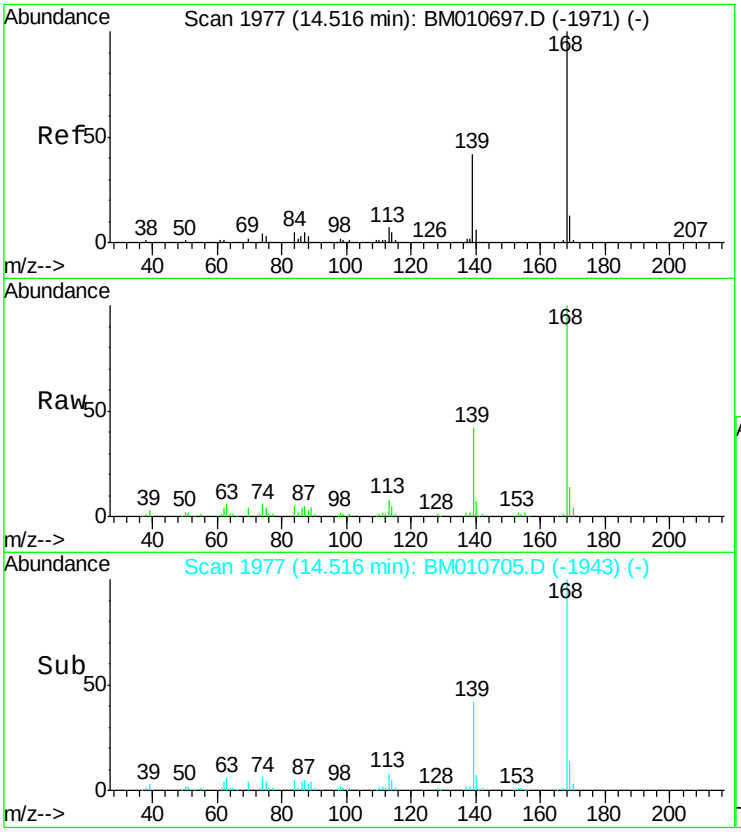


#49
Acenaphthene
Concen: 7.33 ng/ul
RT: 14.17 min Scan# 1919
Delta R.T. 0.00 min
Lab File: BM010705.D
Acq: 24 Jun 2017 00:14

Tgt Ion:153 Resp: 125004

Ion	Ratio	Lower	Upper
153	100		
152	45.6	37.6	56.4
154	91.0	70.4	105.6

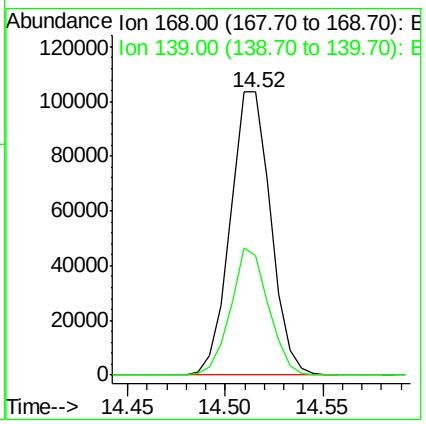




#53
Dibenzofuran
Concen: 5.72 ng/ul
RT: 14.52 min Scan# 1977
Delta R.T. 0.00 min
Lab File: BM010705.D
Acq: 24 Jun 2017 00:14

Tgt Ion:168 Resp: 147883

Ion	Ratio	Lower	Upper
168	100		
139	42.2	30.8	46.2



Instrument :
BNA_M
ClientSampleId :
F5B27MEDL

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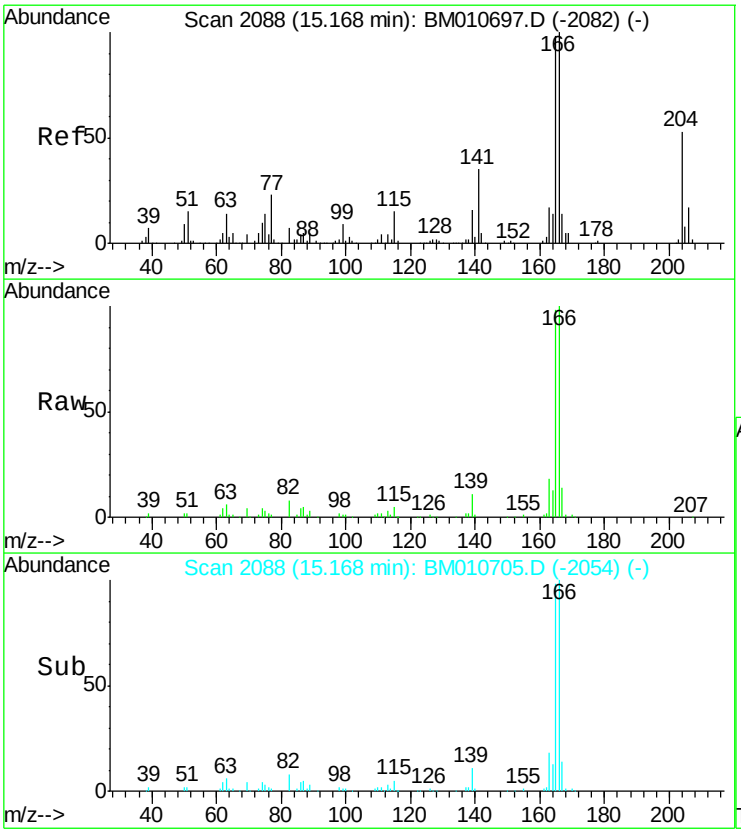
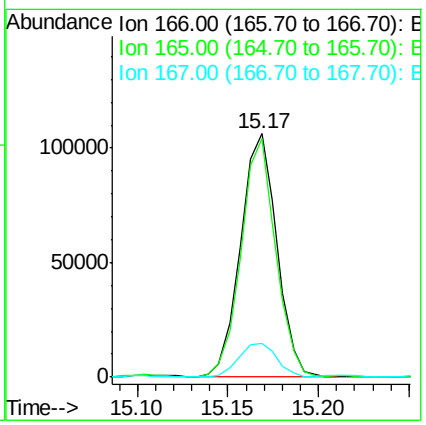
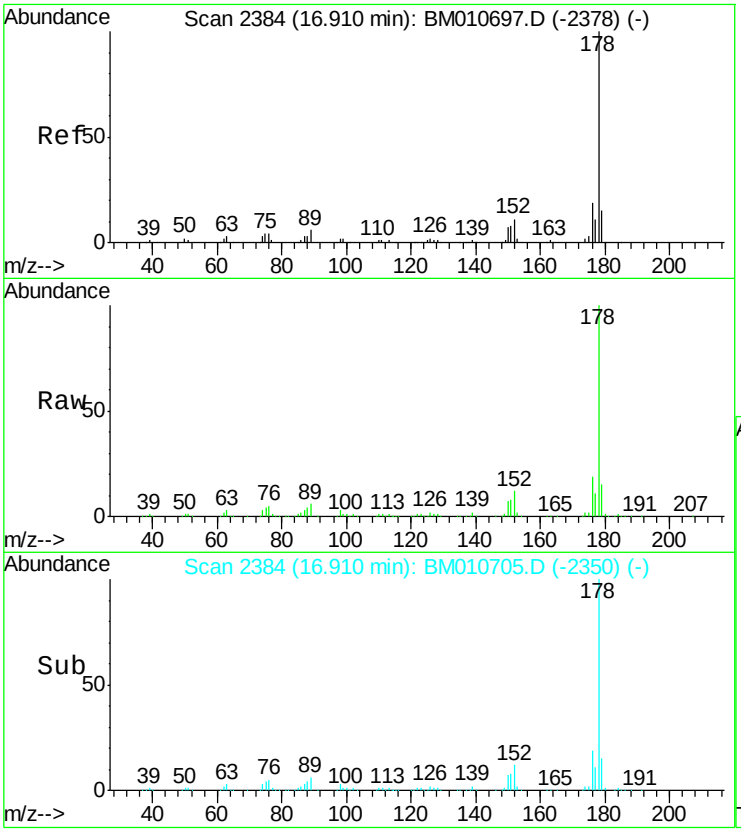


#58
Fluorene
Concen: 6.84 ng/ul
RT: 15.17 min Scan# 2088
Delta R.T. 0.00 min
Lab File: BM010705.D
Acq: 24 Jun 2017 00:14

Tgt Ion:166 Resp: 147964

Ion	Ratio	Lower	Upper
166	100		
165	98.0	77.9	116.9
167	13.9	10.6	16.0

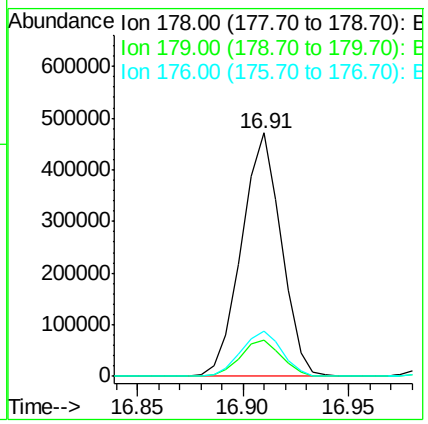




#69
Phenanthrene
Concen: 18.08 ng/ul
RT: 16.91 min Scan# 2384
Delta R.T. 0.00 min
Lab File: BM010705.D
Acq: 24 Jun 2017 00:14

Tgt Ion:178 Resp: 613669

Ion	Ratio	Lower	Upper
178	100		
179	14.9	12.6	19.0
176	18.8	14.9	22.3



Instrument :
BNA_M
ClientSampleId :
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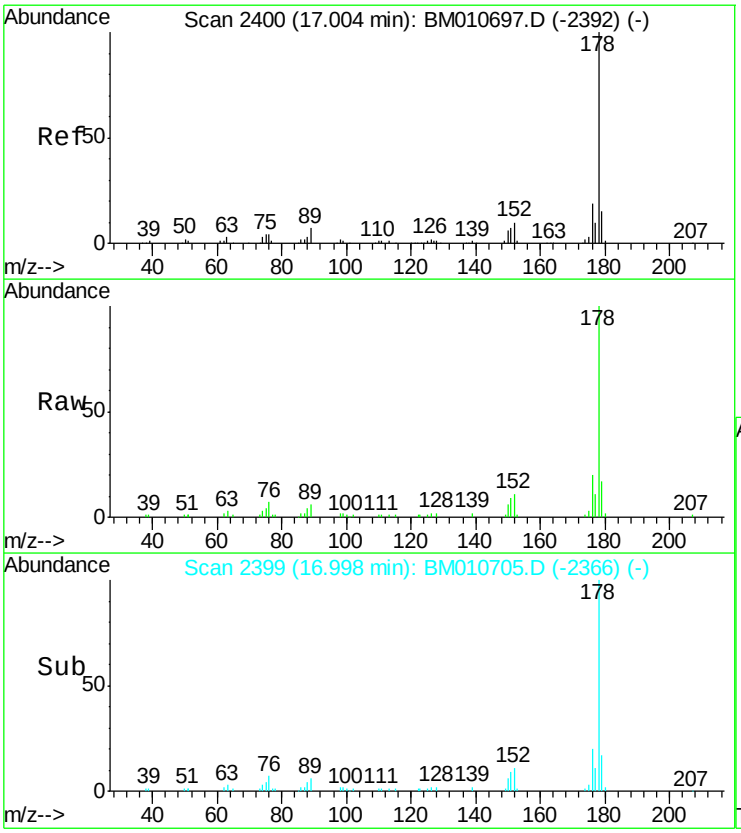
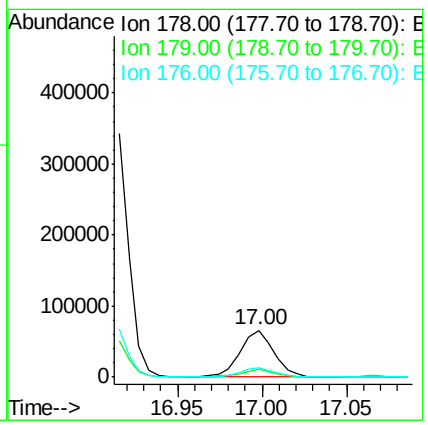
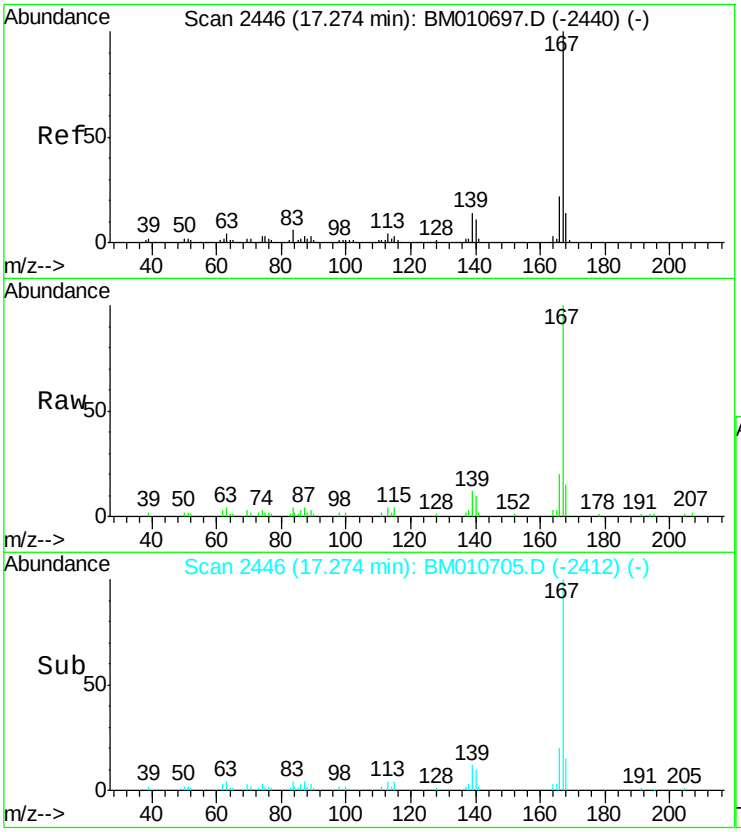


#71
Anthracene
Concen: 2.58 ng/ul
RT: 17.00 min Scan# 2399
Delta R.T. -0.01 min
Lab File: BM010705.D
Acq: 24 Jun 2017 00:14

Tgt Ion:178 Resp: 90108

Ion	Ratio	Lower	Upper
178	100		
179	16.8	11.7	17.5
176	19.9	14.6	21.8

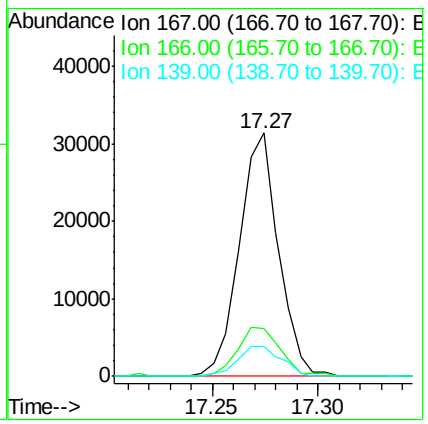




#72
Carbazole
Concen: 1.32 ng/ul
RT: 17.27 min Scan# 2446
Delta R.T. 0.00 min
Lab File: BM010705.D
Acq: 24 Jun 2017 00:14

Tgt Ion:167 Resp: 40278

Ion	Ratio	Lower	Upper
167	100		
166	19.8	17.1	25.7
139	12.2	10.0	15.0



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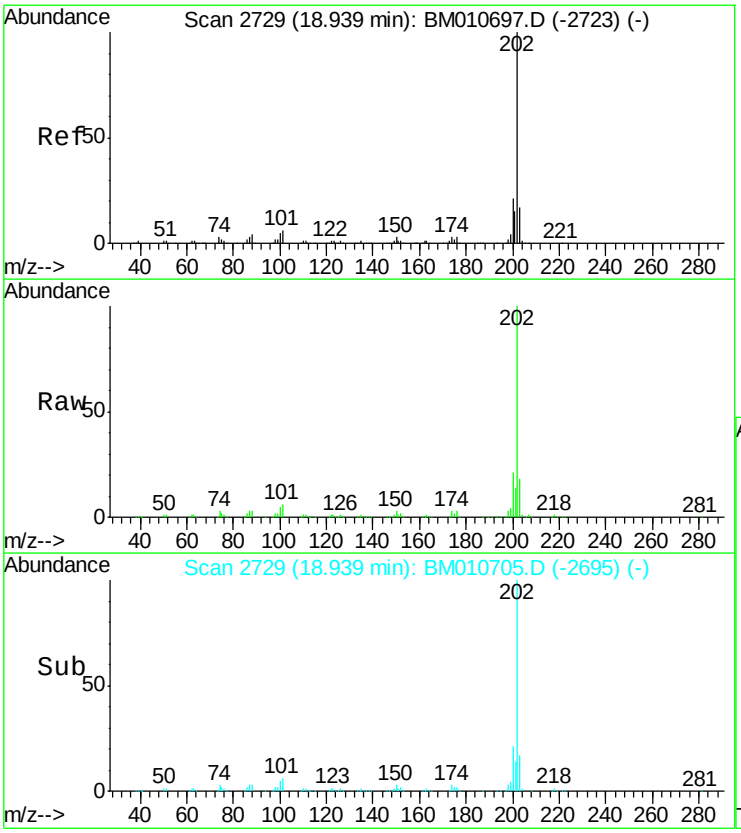
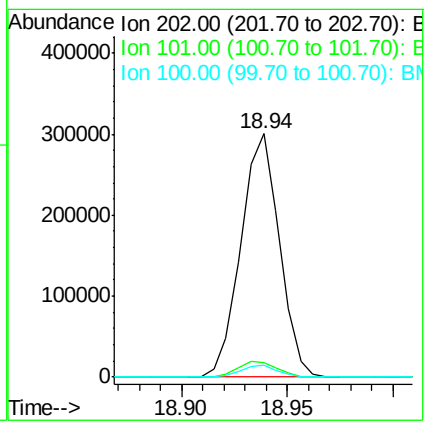
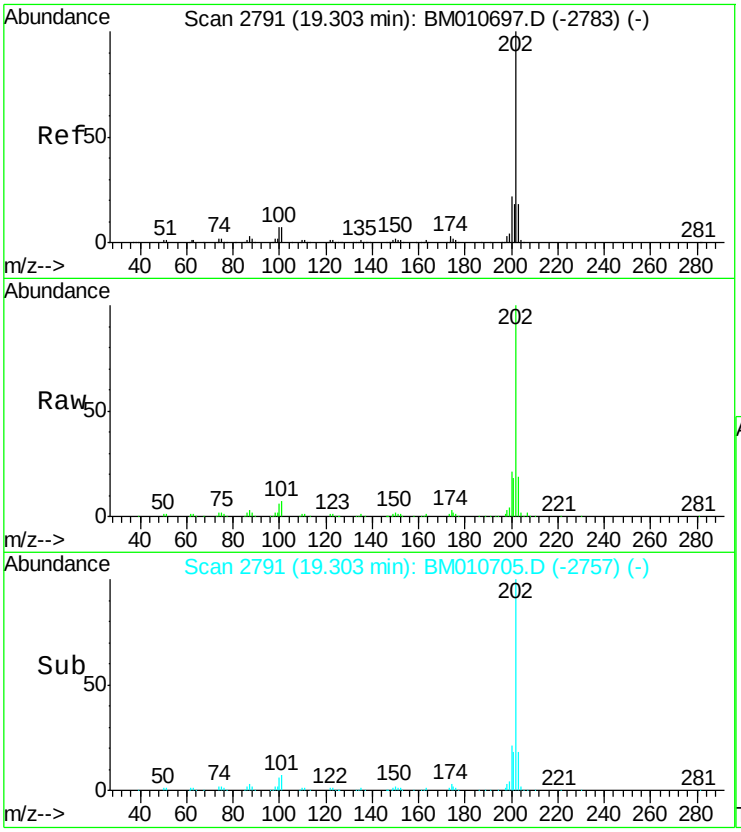


#74
Fluoranthene
Concen: 8.73 ng/ul
RT: 18.94 min Scan# 2729
Delta R.T. 0.00 min
Lab File: BM010705.D
Acq: 24 Jun 2017 00:14

Tgt Ion:202 Resp: 381667

Ion	Ratio	Lower	Upper
202	100		
101	5.7	4.6	7.0
100	5.0	3.4	5.2

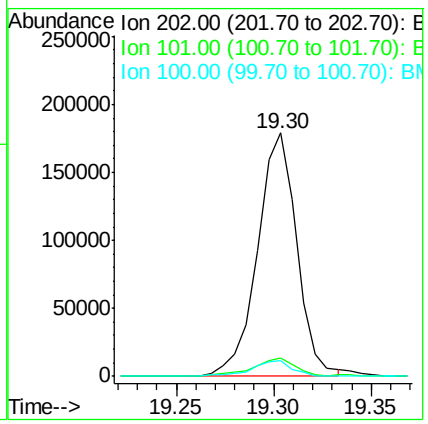




#77
Pyrene
Concen: 6.57 ng/ul
RT: 19.30 min Scan# 2791
Delta R.T. 0.00 min
Lab File: BM010705.D
Acq: 24 Jun 2017 00:14

Tgt Ion:202 Resp: 249548

Ion	Ratio	Lower	Upper
202	100		
101	7.4	5.1	7.7
100	6.3	4.9	7.3



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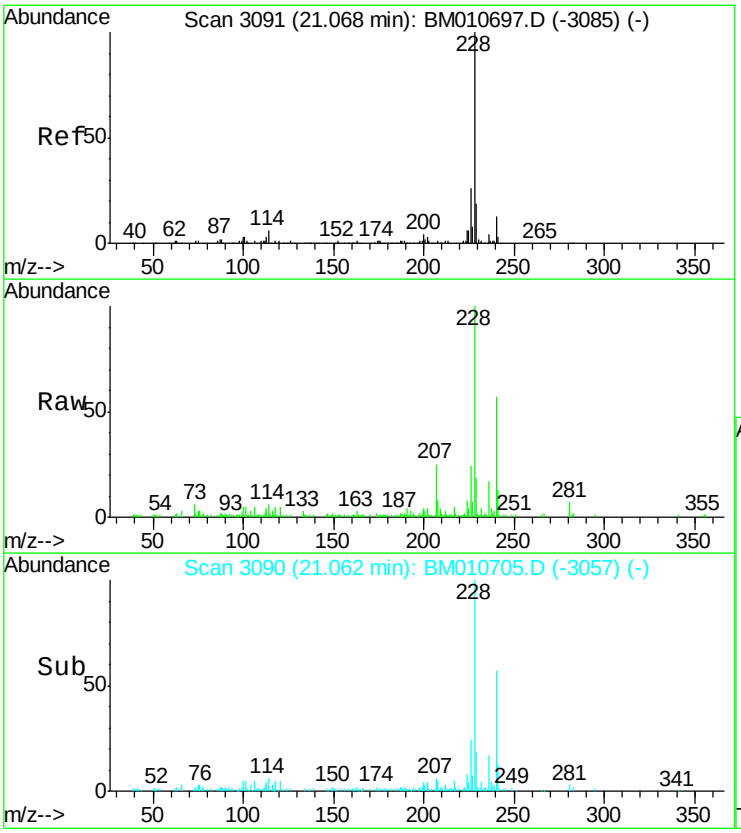
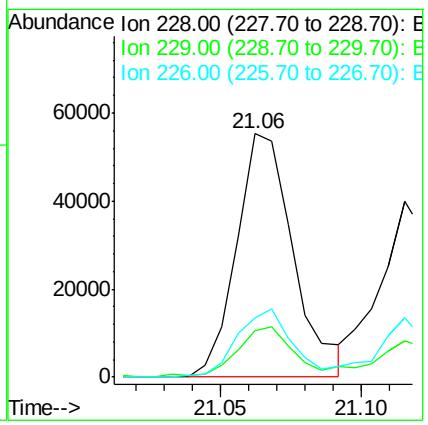
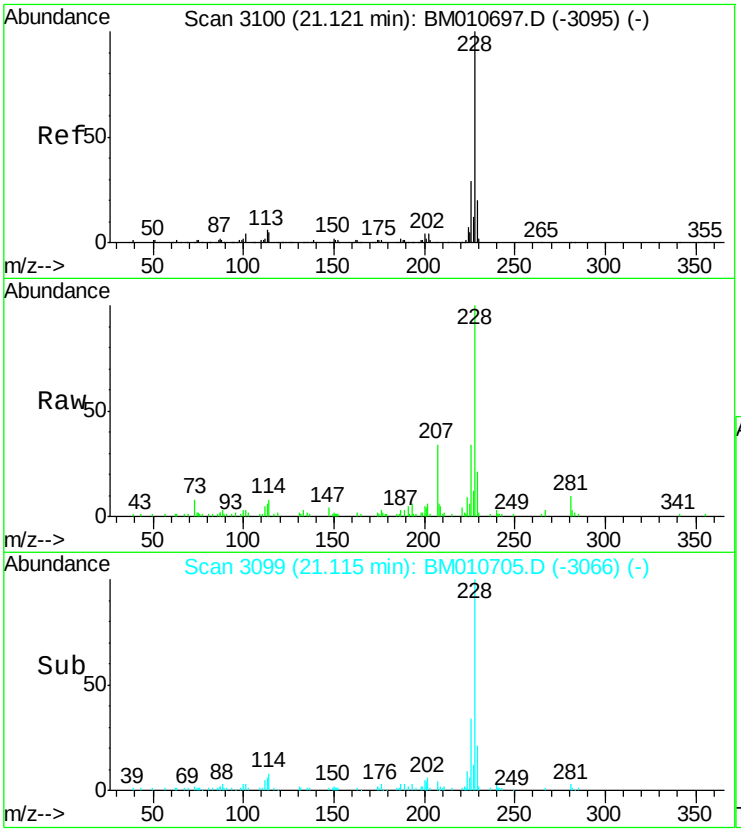


#80
Benzo(a)anthracene
Concen: 2.02 ng/ul
RT: 21.06 min Scan# 3090
Delta R.T. -0.01 min
Lab File: BM010705.D
Acq: 24 Jun 2017 00:14

Tgt Ion:228 Resp: 77362

Ion	Ratio	Lower	Upper
228	100		
229	18.9	15.4	23.0
226	24.1	21.4	32.0

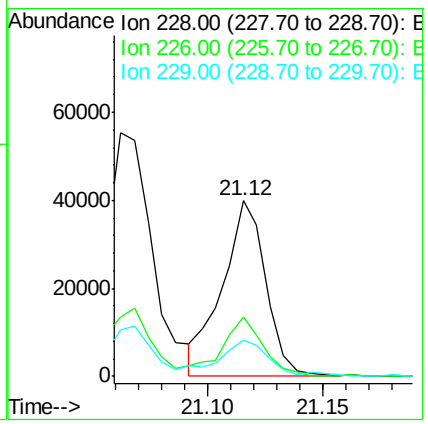




#82
Chrysene
Concen: 1.54 ng/ul
RT: 21.12 min Scan# 3099
Delta R.T. -0.01 min
Lab File: BM010705.D
Acq: 24 Jun 2017 00:14

Tgt Ion:228 Resp: 52429

Ion	Ratio	Lower	Upper
228	100		
226	33.5	23.4	35.2
229	20.9	15.5	23.3



Instrument :
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ClientSampleId :
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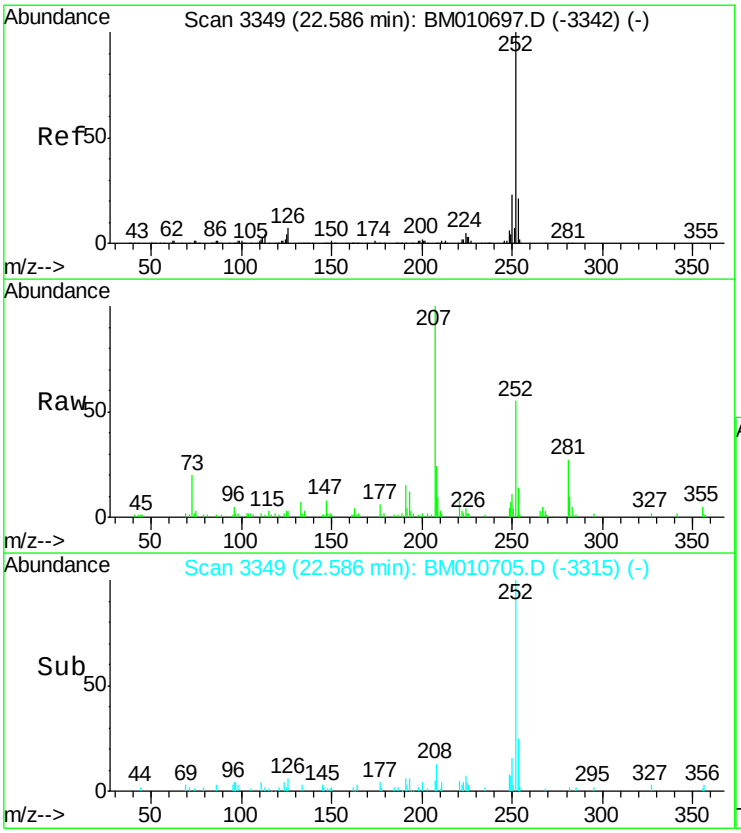

#85
Benzo(b)fluoranthene
Concen: 1.12 ng/ul
RT: 22.59 min Scan# 3349
Delta R.T. 0.00 min
Lab File: BM010705.D
Acq: 24 Jun 2017 00:14

Tgt Ion:252 Resp: 33963

Ion	Ratio	Lower	Upper
252	100		
253	24.7	17.9	26.9
125	4.6	3.6	5.4