Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM060917\
Data File : BM010472.D
Acq On : 10 Jun 2017 02:15
Operator : SJ/MA
Sample : I3521-13
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5C00

Manual Integrations APPROVED
mohammad
6/12/2017 11:18:31 AM

Quant Time: Jun 10 04:13:20 2017
Quant Method : Z:\HPCHEM1\BNA_M\Methods\SOM-EPA-BM052717.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Jun 10 02:32:05 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.90	152	284755	20.00	ng/ul	0.00
18) Naphthalene-d8	10.70	136	1034386	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.54	164	735214	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.29	188	1801897m	20.00	ng/ul	0.00
75) Chrysene-d12	21.45	240	2114657	20.00	ng/ul	0.00
83) Perylene-d12	23.79	264	1856704	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.38	96	27200	3.92	ng/uL	0.00
5) Phenol-d5	7.09	99	475332	22.03	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.25	67	260945	21.52	ng/ul	0.00
9) 2-Chlorophenol-d4	7.44	132	411068	23.90	ng/ul	0.00
13) 4-Methylphenol-d8	8.62	113	424545	24.39	ng/ul	0.00
19) Nitrobenzene-d5	9.09	128	201131	26.54	ng/ul	0.00
22) 2-Nitrophenol-d4	9.80	143	242904	27.68	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.33	165	527031	29.23	ng/ul	0.00
29) 4-Chloroaniline-d4	10.87	131	489839	28.16	ng/ul	0.00
43) Dimethylphthalate-d6	13.95	166	1742944	28.53	ng/ul	0.00
46) Acenaphthylene-d8	14.24	160	1928498	27.06	ng/ul	0.00
51) 4-Nitrophenol-d4	14.77	143	181353	19.84	ng/ul	0.00
57) Fluorene-d10	15.53	176	1530661	28.51	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.66	200	273093	21.40	ng/ul	0.00
70) Anthracene-d10	17.39	188	2456442	28.02	ng/ul	0.00
76) Pyrene-d10	19.67	212	2942515	33.65	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.64	264	2337399	27.04	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	7.12	94	39252	1.774	ng/ul#	88
44) Dimethylphthalate	14.00	163	1513738	25.198	ng/ul	100
74) Fluoranthene	19.33	202	792061m	6.696	ng/ul	
77) Pyrene	19.70	202	958493	8.796	ng/ul#	94
80) Benzo(a)anthracene	21.43	228	582325	4.883	ng/ul	98
82) Chrysene	21.49	228	730536	6.777	ng/ul	98
85) Benzo(b)fluoranthene	23.07	252	1245481	11.528	ng/ul	100
86) Benzo(k)fluoranthene	23.11	252	435597m	4.220	ng/ul	
88) Benzo(a)pyrene	23.69	252	534724	4.993	ng/ul	99
89) Indeno(1,2,3-cd)pyrene	26.17	276	437203	3.231	ng/ul	97
90) Dibenzo(a,h)anthracene	26.17	278	124838	1.071	ng/ul#	85
91) Benzo(g,h,i)perylene	26.91	276	351632	3.155	ng/ul#	97

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

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Instrument :
BNA_M
ClientSampleId :
F5C00

Manual Integrations APPROVED
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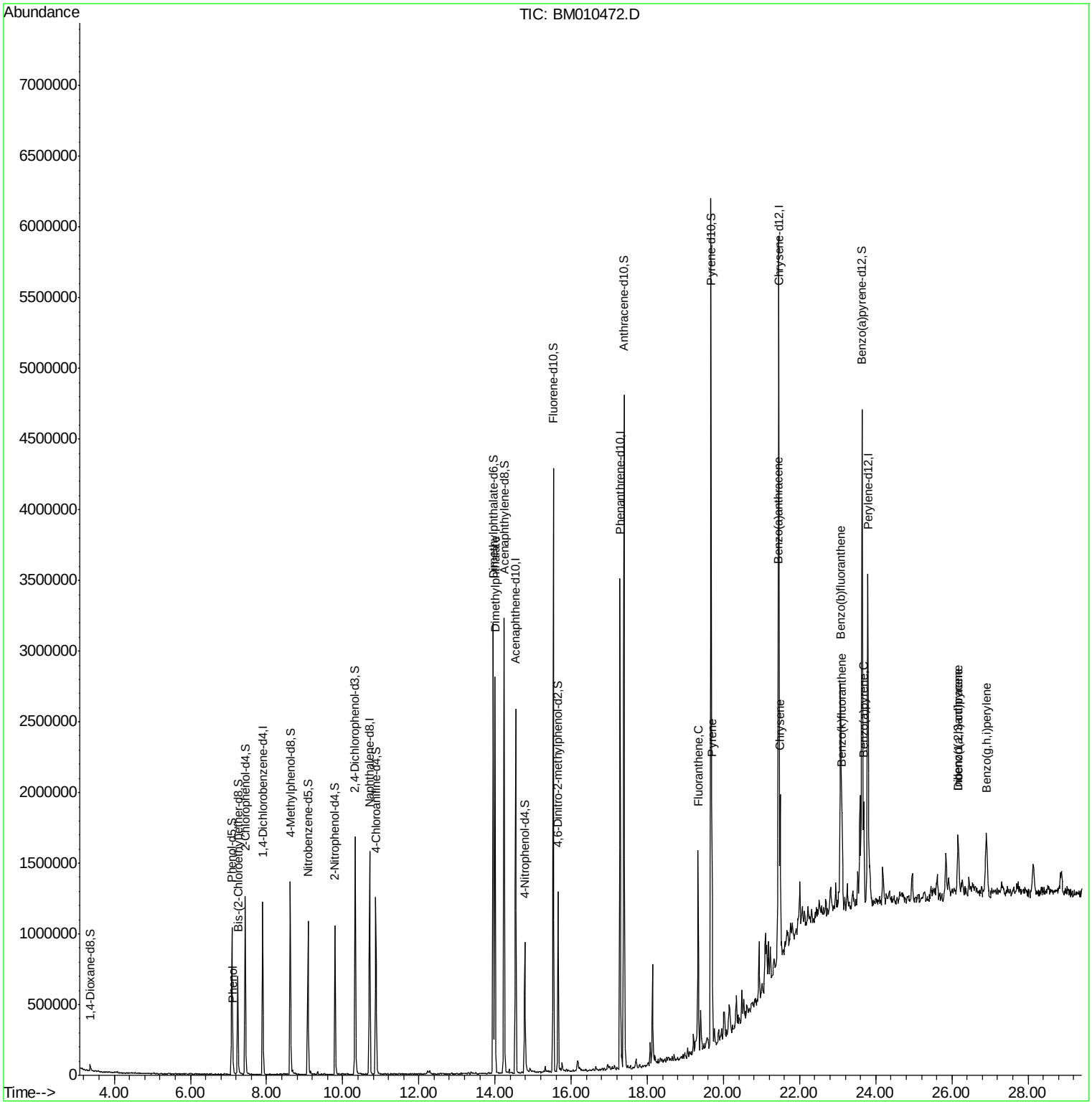
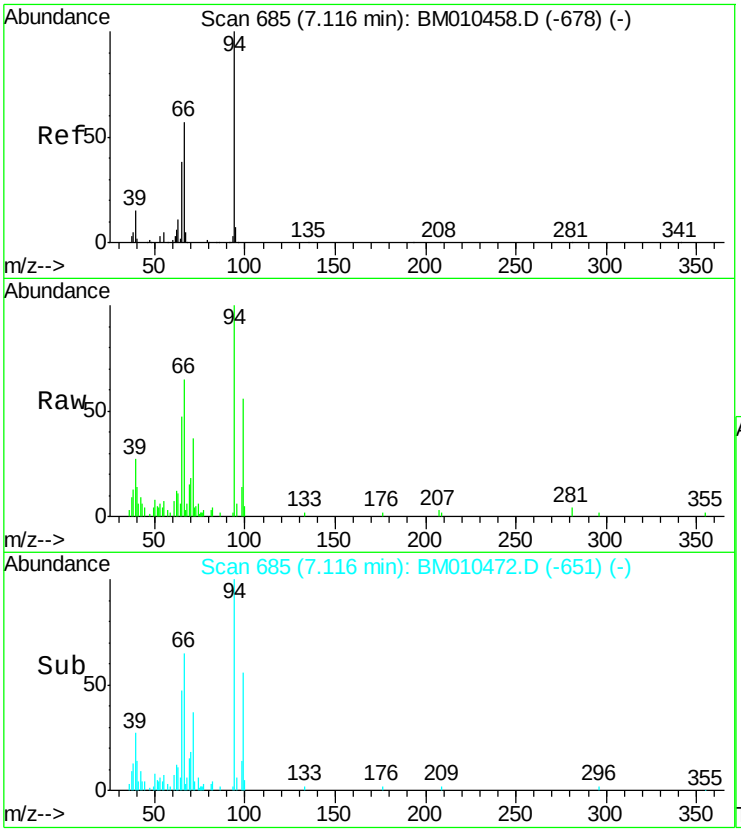
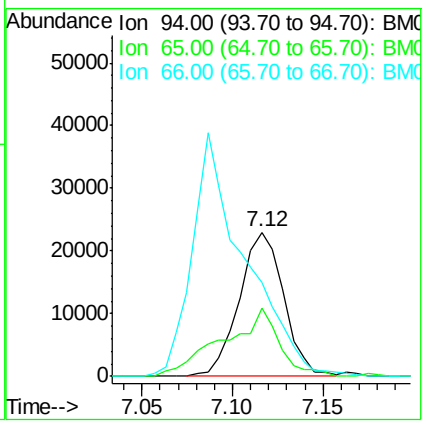




#6
Phenol
Concen: 1.774 ng/ul
RT: 7.12 min Scan# 685
Delta R.T. -0.00 min
Lab File: BM010472.D
Acq: 10 Jun 2017 02:15

Tgt Ion: 94 Resp: 39252

Ion	Ratio	Lower	Upper
94	100		
65	47.1	28.2	42.4#
66	64.8	47.2	70.8



Instrument :
BNA_M
ClientSampleId :
F5C00

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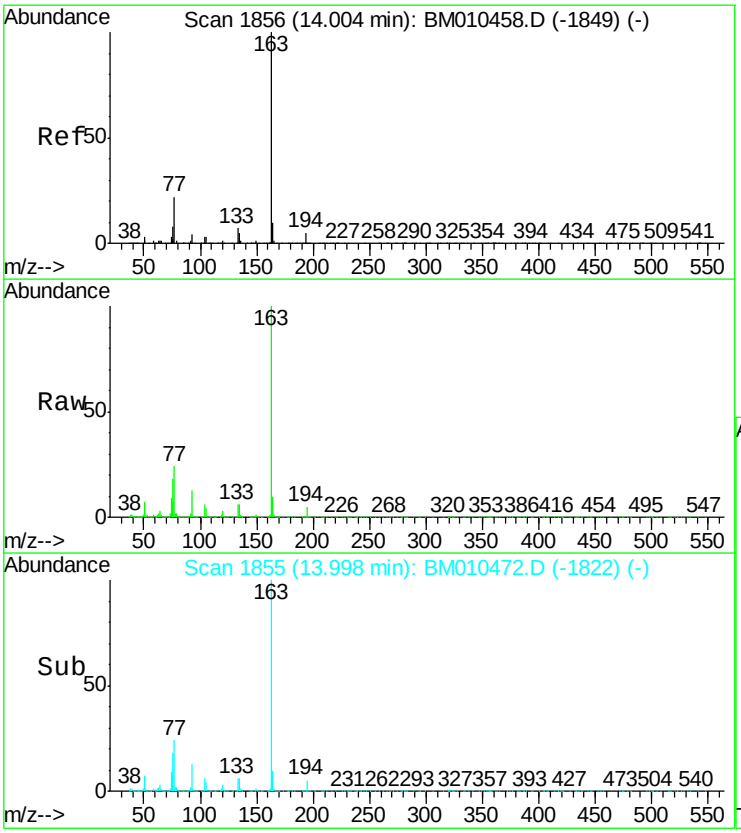
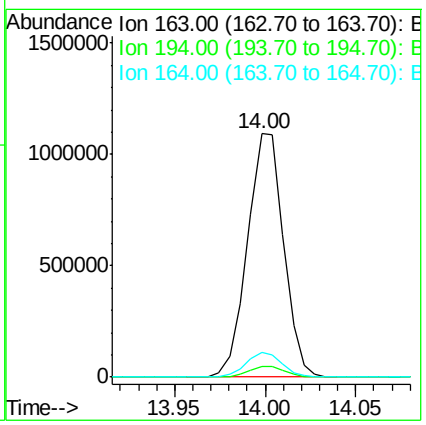
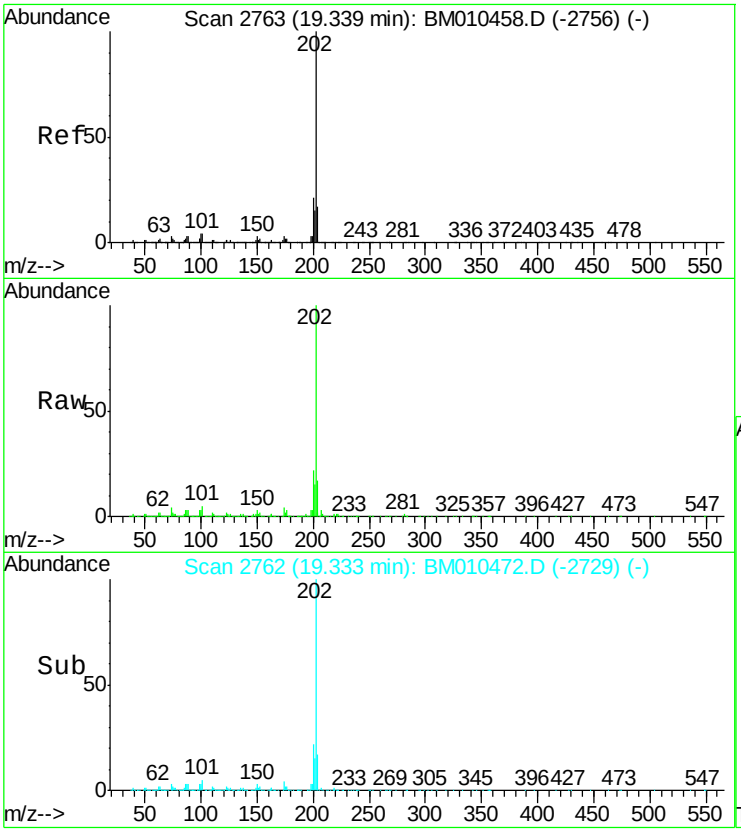


#44
Dimethylphthalate
Concen: 25.198 ng/ul
RT: 14.00 min Scan# 1855
Delta R.T. -0.01 min
Lab File: BM010472.D
Acq: 10 Jun 2017 02:15

Tgt Ion:163 Resp: 1513738

Ion	Ratio	Lower	Upper
163	100		
194	4.6	3.5	5.3
164	10.2	8.2	12.4

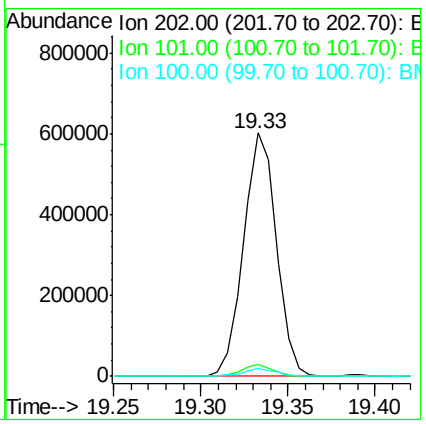




#74
Fluoranthene
Concen: 6.696 ng/ul m
RT: 19.33 min Scan# 2762
Delta R.T. -0.01 min
Lab File: BM010472.D
Acq: 10 Jun 2017 02:15

Tgt Ion:202 Resp: 792061

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



Instrument :
BNA_M
ClientSampleId :
F5C00

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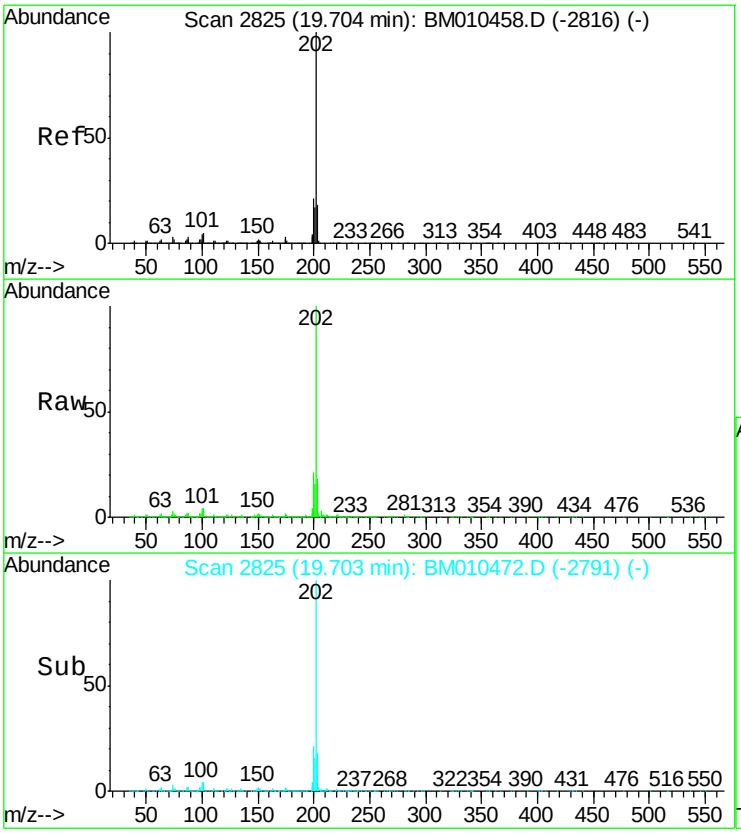
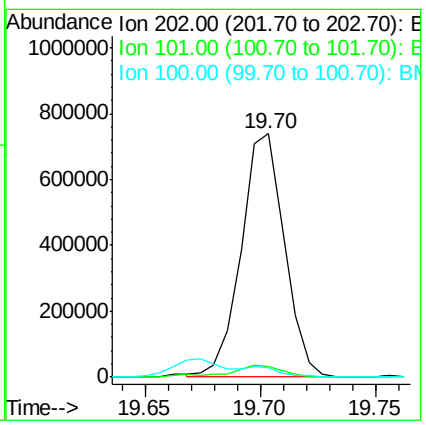
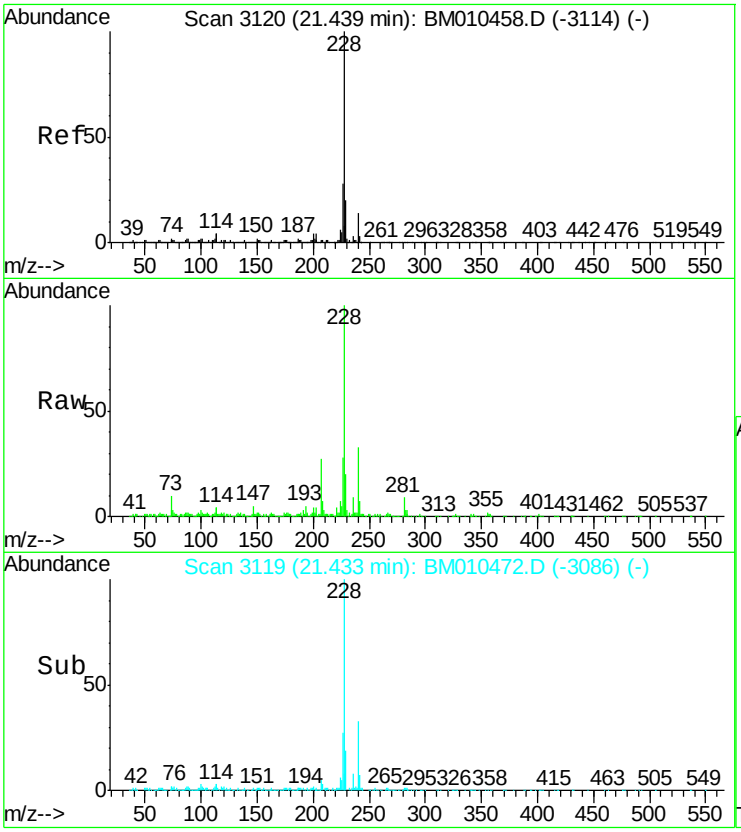


#77
Pyrene
Concen: 8.796 ng/ul
RT: 19.70 min Scan# 2825
Delta R.T. -0.00 min
Lab File: BM010472.D
Acq: 10 Jun 2017 02:15

Tgt Ion:202 Resp: 958493

Ion	Ratio	Lower	Upper
202	100		
101	4.4	5.1	7.7#
100	3.8	4.9	7.3#

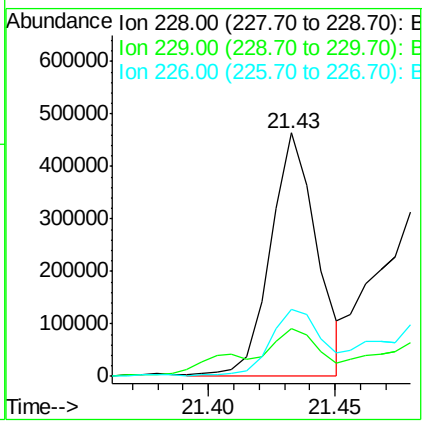




#80
Benzo(a)anthracene
Concen: 4.883 ng/ul
RT: 21.43 min Scan# 3119
Delta R.T. -0.01 min
Lab File: BM010472.D
Acq: 10 Jun 2017 02:15

Tgt Ion:228 Resp: 582325

Ion	Ratio	Lower	Upper
228	100		
229	19.8	15.4	23.0
226	27.5	21.4	32.0



Instrument :
BNA_M
ClientSampleId :
F5C00

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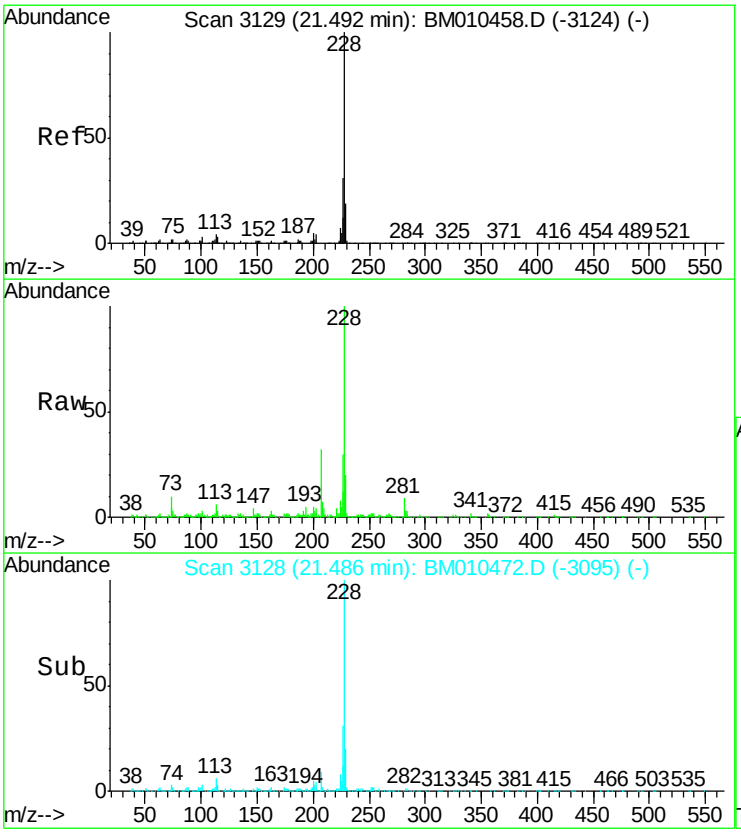
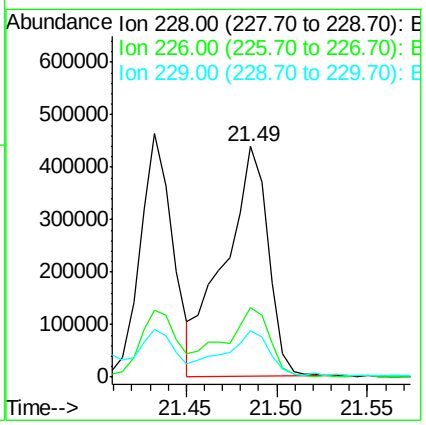
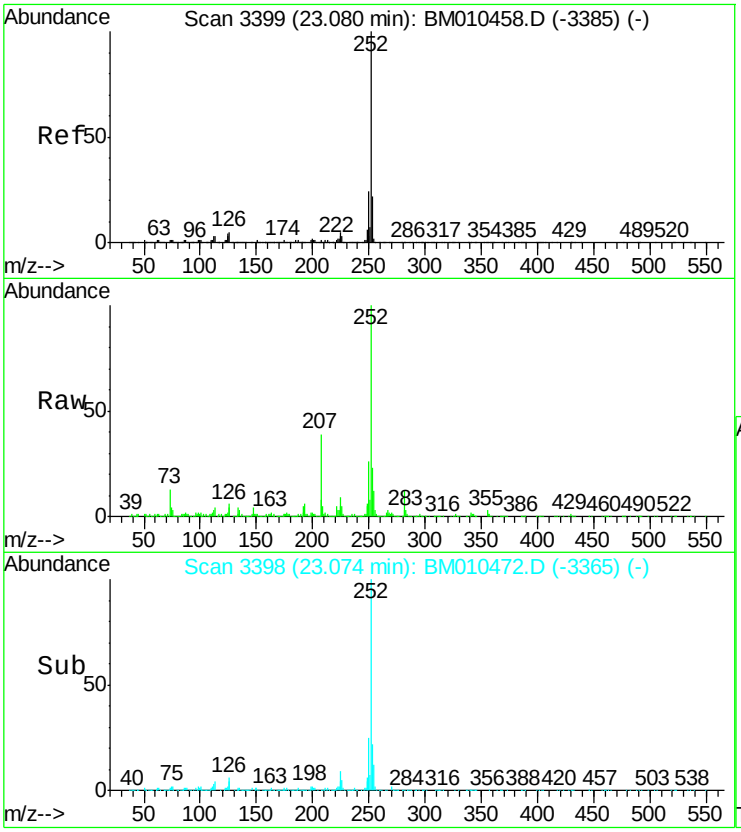


#82
Chrysene
Concen: 6.777 ng/ul
RT: 21.49 min Scan# 3128
Delta R.T. -0.01 min
Lab File: BM010472.D
Acq: 10 Jun 2017 02:15

Tgt Ion:228 Resp: 730536

Ion	Ratio	Lower	Upper
228	100		
226	30.4	23.4	35.2
229	20.0	15.5	23.3

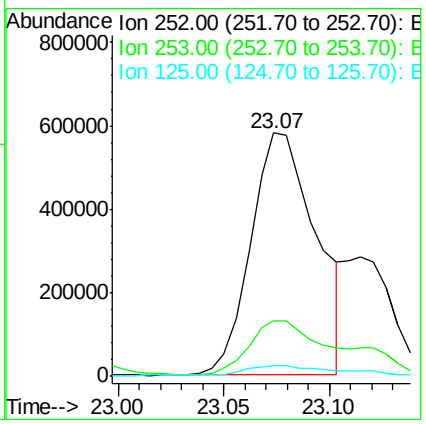




#85
Benzo(b)fluoranthene
Concen: 11.528 ng/ul
RT: 23.07 min Scan# 3398
Delta R.T. -0.01 min
Lab File: BM010472.D
Acq: 10 Jun 2017 02:15

Tgt Ion:252 Resp: 1245481

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.9	26.9
125	4.4	3.6	5.4



Instrument :
BNA_M
ClientSampleId :
F5C00

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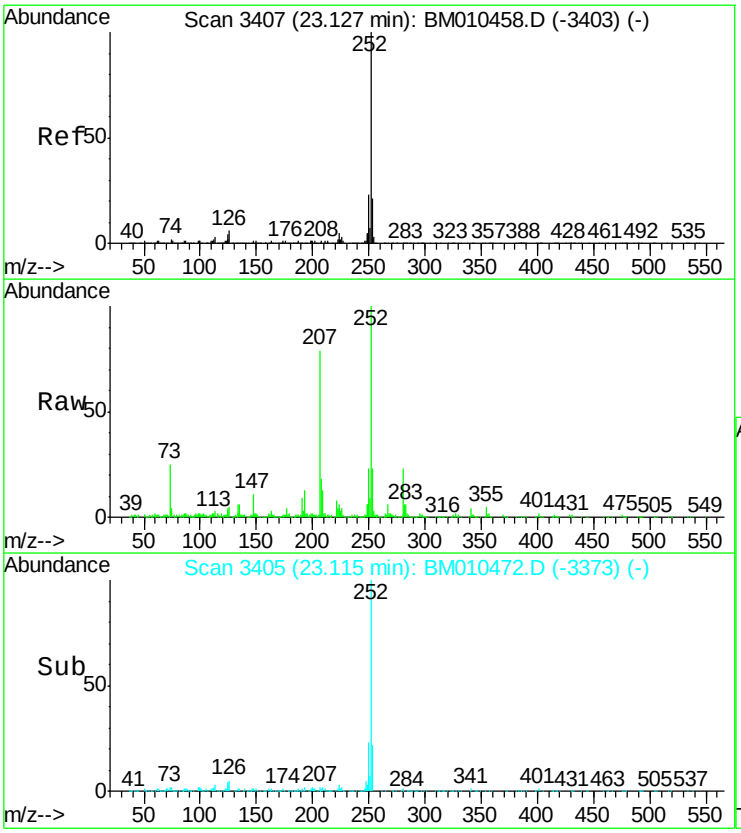
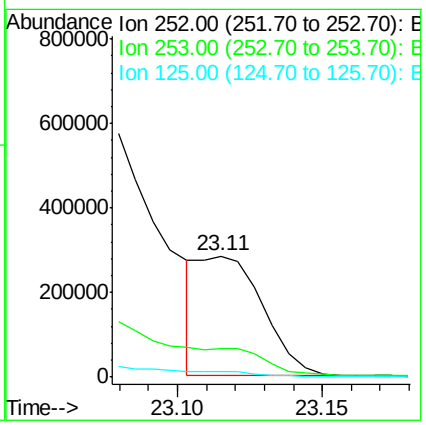
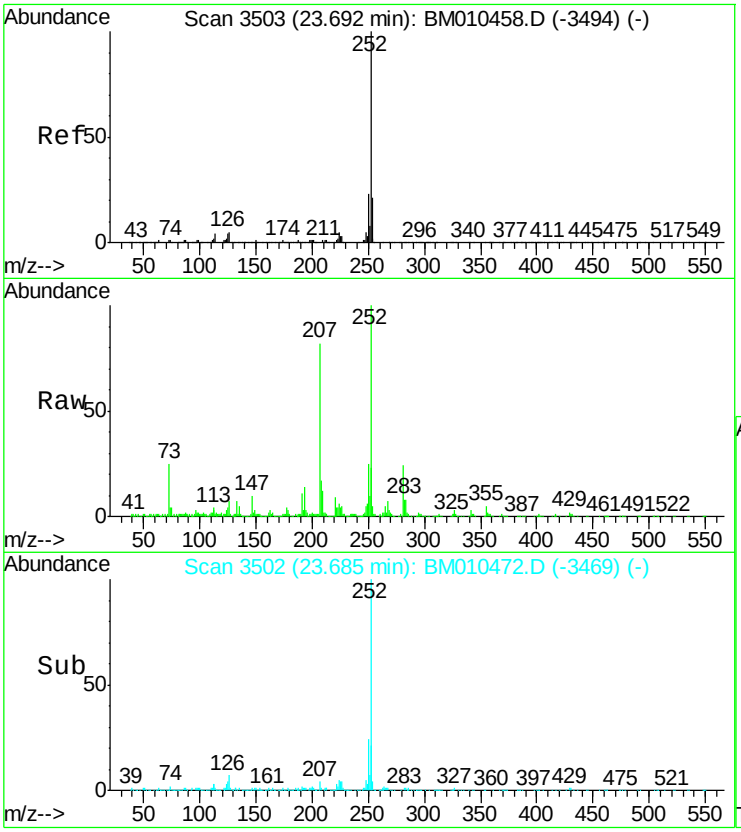


#86
Benzo(k)fluoranthene
Concen: 4.220 ng/ul m
RT: 23.11 min Scan# 3405
Delta R.T. -0.01 min
Lab File: BM010472.D
Acq: 10 Jun 2017 02:15

Tgt Ion:252 Resp: 435597

Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.1	25.7
125	4.2	3.4	5.2





#88
Benzo(a)pyrene
Concen: 4.993 ng/ul
RT: 23.69 min Scan# 3502
Delta R.T. -0.01 min
Lab File: BM010472.D
Acq: 10 Jun 2017 02:15

Tgt Ion:252 Resp: 534724

Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.2	27.2
125	4.5	4.0	6.0

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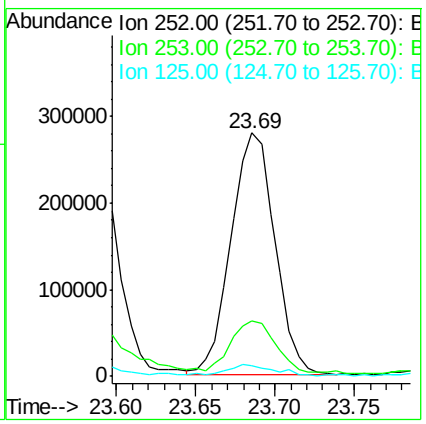
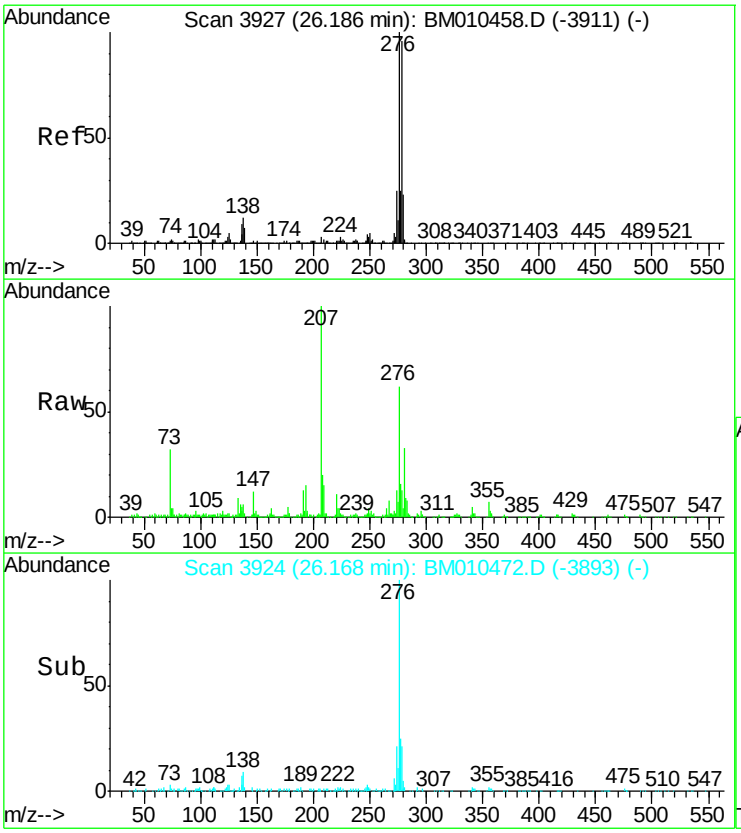
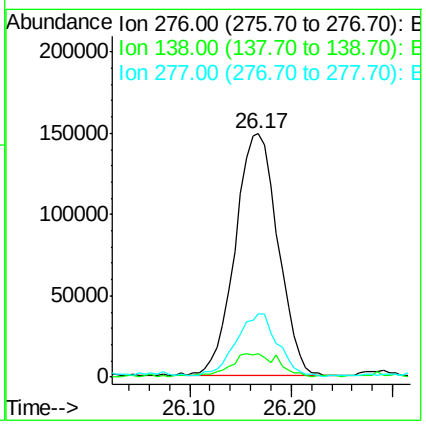


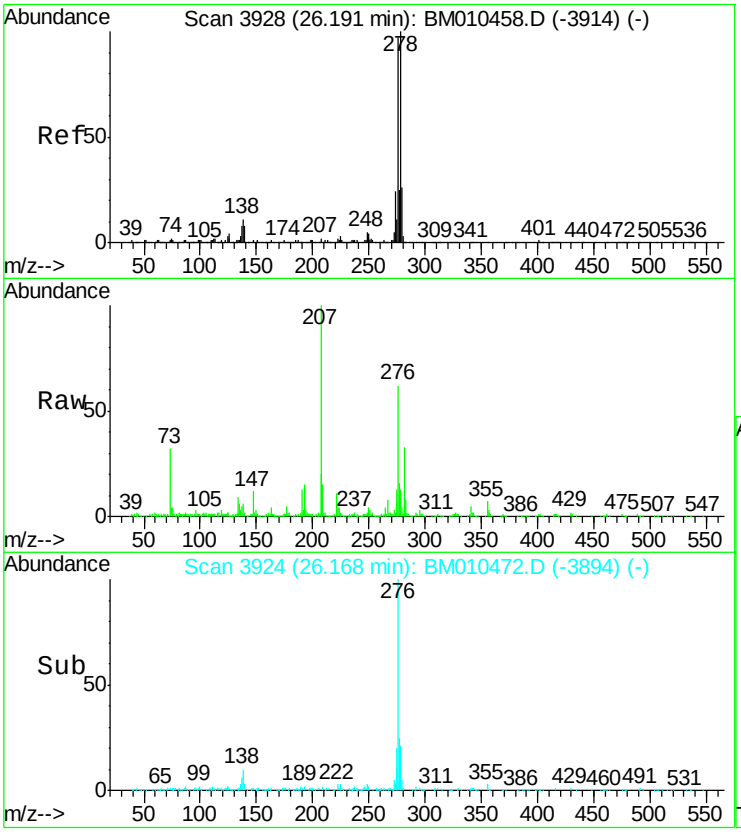


#89
Indeno(1,2,3-cd)pyrene
Concen: 3.231 ng/ul
RT: 26.17 min Scan# 3924
Delta R.T. -0.02 min
Lab File: BM010472.D
Acq: 10 Jun 2017 02:15

Tgt Ion:276 Resp: 437203

Ion	Ratio	Lower	Upper
276	100		
138	9.8	9.3	13.9
277	26.0	19.9	29.9

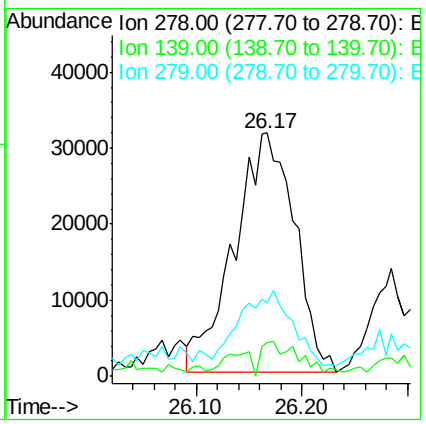




#90
Dibenzo(a,h)anthracene
Concen: 1.071 ng/ul
RT: 26.17 min Scan# 3924
Delta R.T. -0.02 min
Lab File: BM010472.D
Acq: 10 Jun 2017 02:15

Tgt Ion:278 Resp: 124838

Ion	Ratio	Lower	Upper
278	100		
139	13.6	5.8	8.8#
279	30.0	18.6	27.8#



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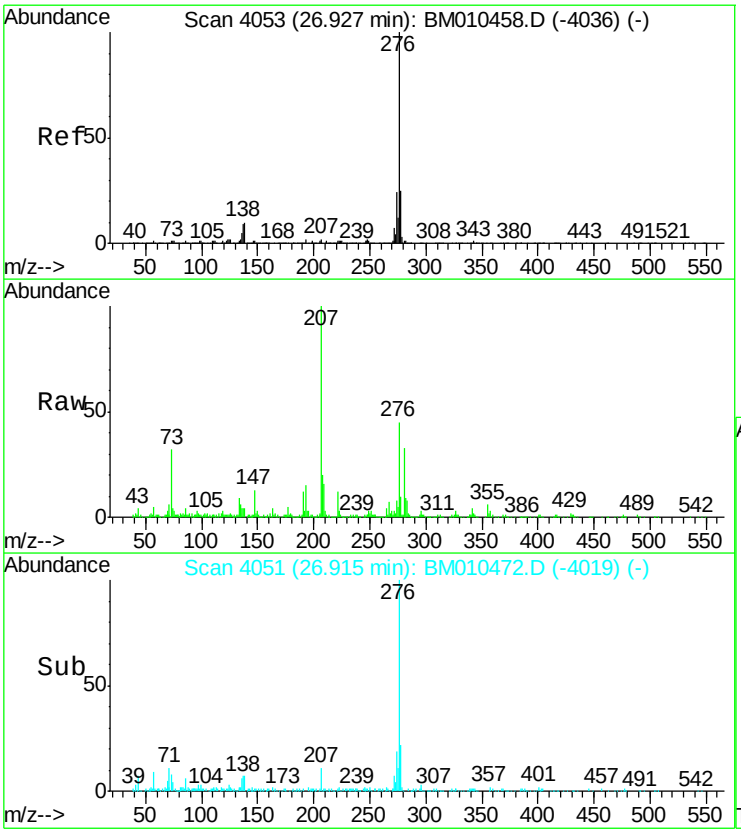

#91
Benzo(g,h,i)perylene
Concen: 3.155 ng/ul
RT: 26.91 min Scan# 4051
Delta R.T. -0.01 min
Lab File: BM010472.D
Acq: 10 Jun 2017 02:15

Tgt Ion:276 Resp: 351632

Ion	Ratio	Lower	Upper
276	100		
138	8.1	8.5	12.7#
277	22.6	18.6	28.0