Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM081316\
Data File : BM007095.D
Acq On : 14 Aug 2016 07:24
Operator : UM/SJ
Sample : H4387-01
Misc :
ALS Vial : 60 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
P003-SS001-1218-02

Manual Integrations APPROVED
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8/15/2016 6:55:49 PM

Quant Time: Aug 15 13:42:35 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM081116.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 15 10:34:14 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.81	152	288647	20.00	ng/ul	0.00
18) Naphthalene-d8	10.59	136	1173764	20.00	ng/ul	-0.01
35) Acenaphthene-d10	14.44	164	690588	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.18	188	1645378	20.00	ng/ul	0.00
75) Chrysene-d12	21.36	240	1978212	20.00	ng/ul	0.00
83) Perylene-d12	23.64	264	2146736	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.33	96	13158	1.99	ng/uL	0.00
5) Phenol-d5	6.97	99	362878	15.52	ng/ul	-0.01
7) Bis-(2-Chloroethyl)ether-d	7.15	67	234951	17.53	ng/ul	0.00
9) 2-Chlorophenol-d4	7.34	132	285262	15.32	ng/ul	-0.01
13) 4-Methylphenol-d8	8.50	113	298922	15.54	ng/ul	-0.01
19) Nitrobenzene-d5	8.96	128	172405	20.22	ng/ul	0.00
22) 2-Nitrophenol-d4	9.68	143	203412	22.33	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.21	165	378802	19.85	ng/ul	-0.01
29) 4-Chloroaniline-d4	10.73	131	360122	15.86	ng/ul	0.00
43) Dimethylphthalate-d6	13.85	166	1355221	23.75	ng/ul	0.00
46) Acenaphthylene-d8	14.13	160	1600995	23.36	ng/ul	-0.01
51) 4-Nitrophenol-d4	14.63	143	225073	22.01	ng/ul	0.00
57) Fluorene-d10	15.43	176	1244150	24.94	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.54	200	196890	21.65	ng/ul	-0.01
70) Anthracene-d10	17.28	188	2116331	27.76	ng/ul	0.00
76) Pyrene-d10	19.57	212	2633707	31.54	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.49	264	3035446	30.91	ng/ul	-0.01
Target Compounds						Qvalue
44) Dimethylphthalate	13.90	163	1026508	18.00	ng/ul	100
47) Acenaphthylene	14.16	152	195649	2.77	ng/ul	98
69) Phenanthrene	17.22	178	656907	7.42	ng/ul	100
71) Anthracene	17.32	178	168441	1.85	ng/ul	97
74) Fluoranthene	19.24	202	1229526	11.46	ng/ul	100
77) Pyrene	19.60	202	1700679	15.55	ng/ul	98
80) Benzo(a)anthracene	21.34	228	863264	7.39	ng/ul	93
82) Chrysene	21.40	228	931095	8.72	ng/ul	96
85) Benzo(b)fluoranthene	22.96	252	1066888	8.25	ng/ul	98
86) Benzo(k)fluoranthene	22.99	252	276321m	2.28	ng/ul	
88) Benzo(a)pyrene	23.54	252	832975	6.80	ng/ul	98
89) Indeno(1,2,3-cd)pyrene	25.93	276	556445	3.70	ng/ul	96
90) Dibenzo(a,h)anthracene	25.93	278	157469	1.25	ng/ul#	89
91) Benzo(g,h,i)perylene	26.63	276	574366	4.52	ng/ul	99

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

Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM081316\
Data File : BM007095.D
Acq On : 14 Aug 2016 07:24
Operator : UM/SJ
Sample : H4387-01
Misc :
ALS Vial : 60 Sample Multiplier: 1

Quant Time: Aug 15 13:42:35 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM081116.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 15 10:34:14 2016
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
P003-SS001-1218-02

Manual Integrations APPROVED
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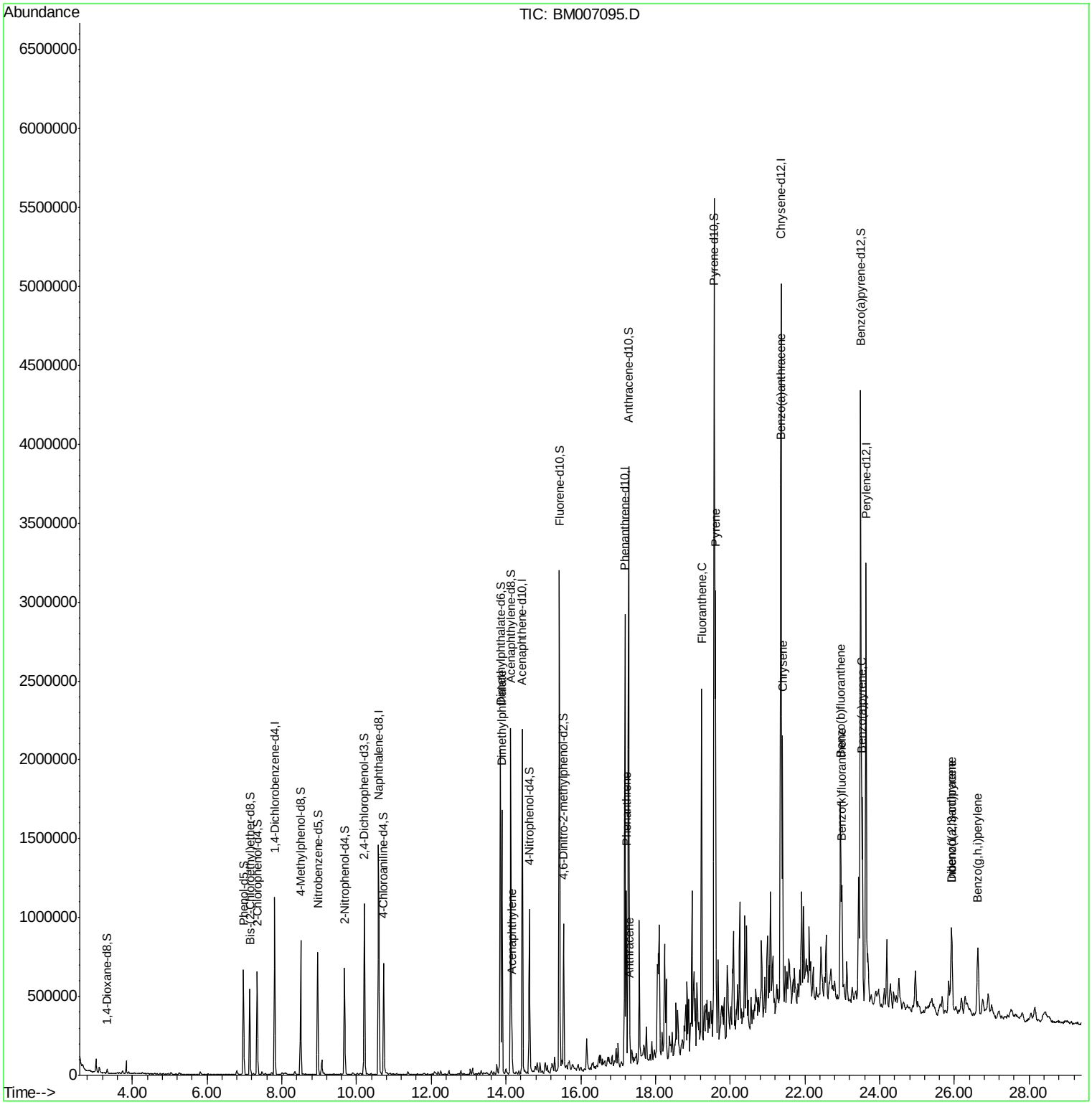
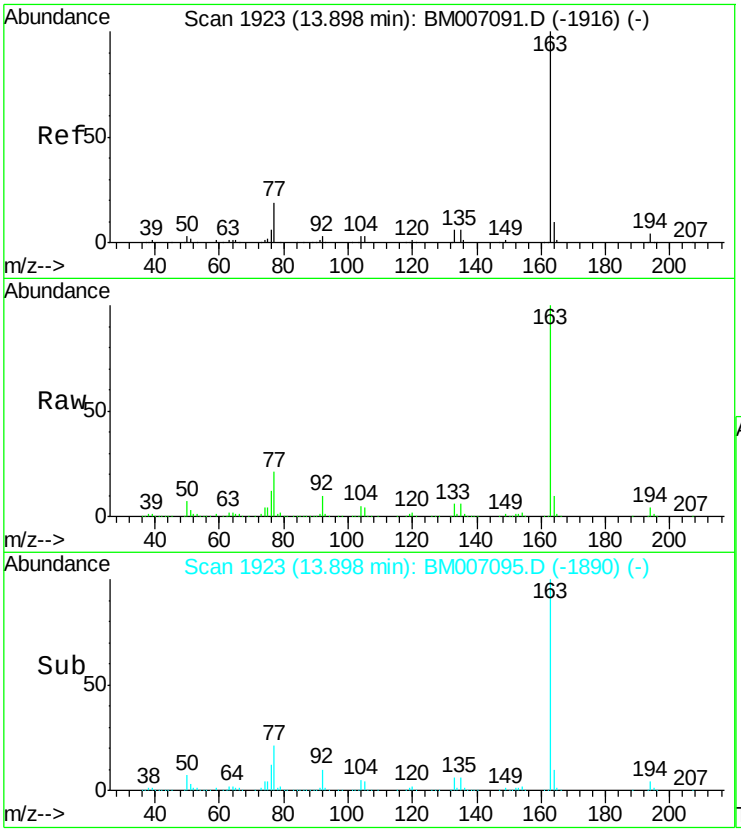
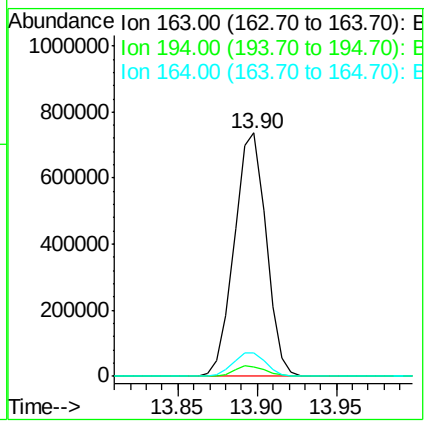




#44
Dimethylphthalate
Concen: 18.00 ng/ul
RT: 13.90 min Scan# 1923
Delta R.T. -0.01 min
Lab File: BM007095.D
Acq: 14 Aug 2016 07:24

Tgt Ion:163 Resp: 1026508

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.4	5.2
164	9.8	7.8	11.8



Instrument :
BNA_M
ClientSampleId :
P003-SS001-1218-02

Manual Integrations APPROVED
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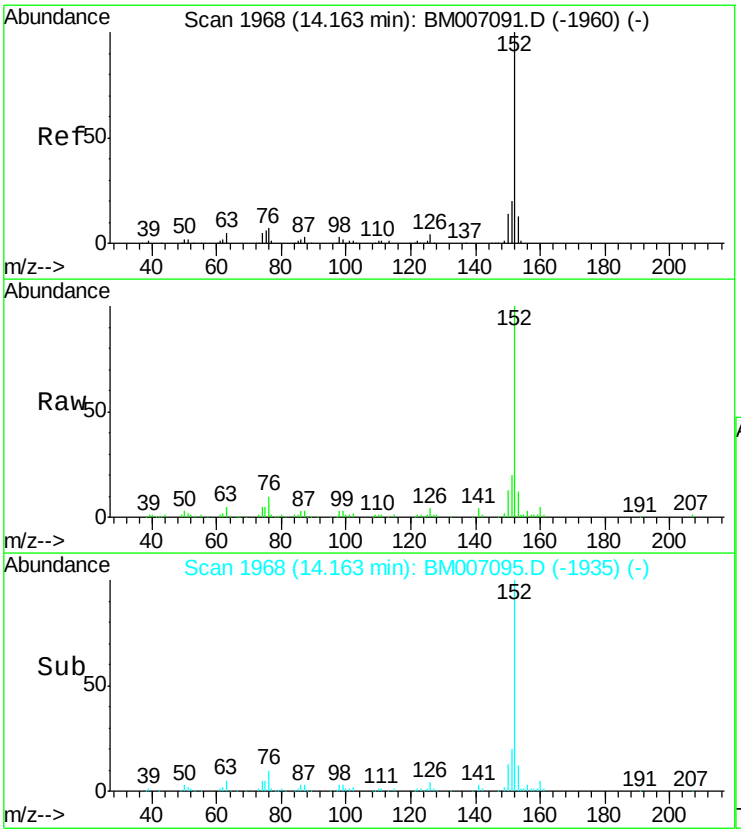
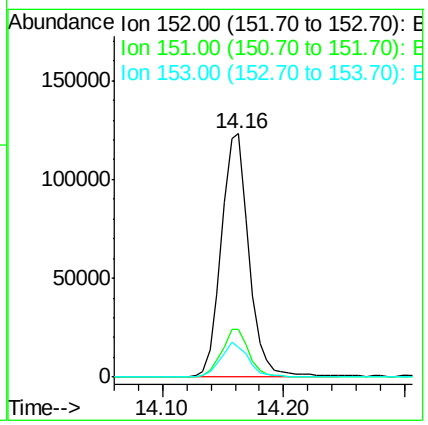
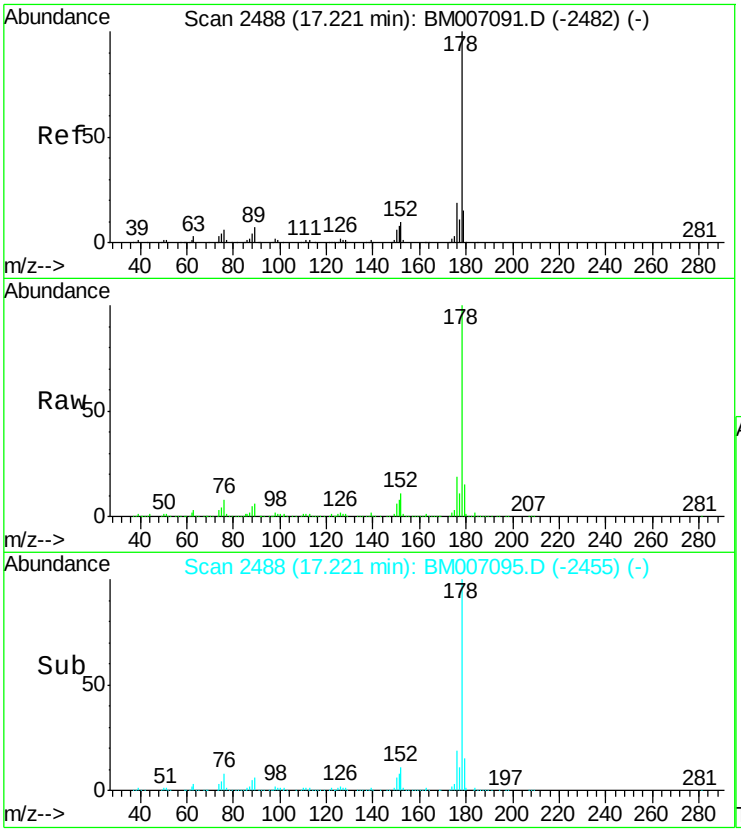


#47
Acenaphthylene
Concen: 2.77 ng/ul
RT: 14.16 min Scan# 1968
Delta R.T. -0.01 min
Lab File: BM007095.D
Acq: 14 Aug 2016 07:24

Tgt Ion:152 Resp: 195649

Ion	Ratio	Lower	Upper
152	100		
151	19.8	16.0	24.0
153	12.5	11.0	16.6

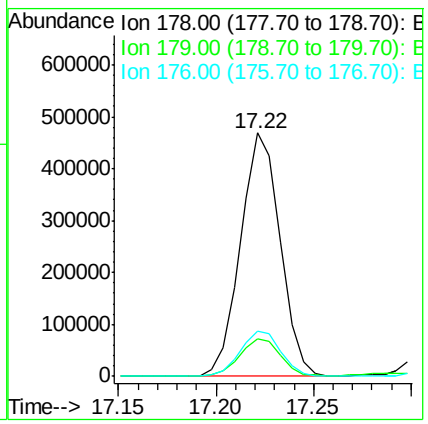




#69
Phenanthrene
Concen: 7.42 ng/ul
RT: 17.22 min Scan# 2488
Delta R.T. -0.01 min
Lab File: BM007095.D
Acq: 14 Aug 2016 07:24

Tgt Ion:178 Resp: 656907

Ion	Ratio	Lower	Upper
178	100		
179	15.2	12.2	18.2
176	18.6	15.1	22.7



Instrument :
BNA_M
ClientSampleId :
P003-SS001-1218-02

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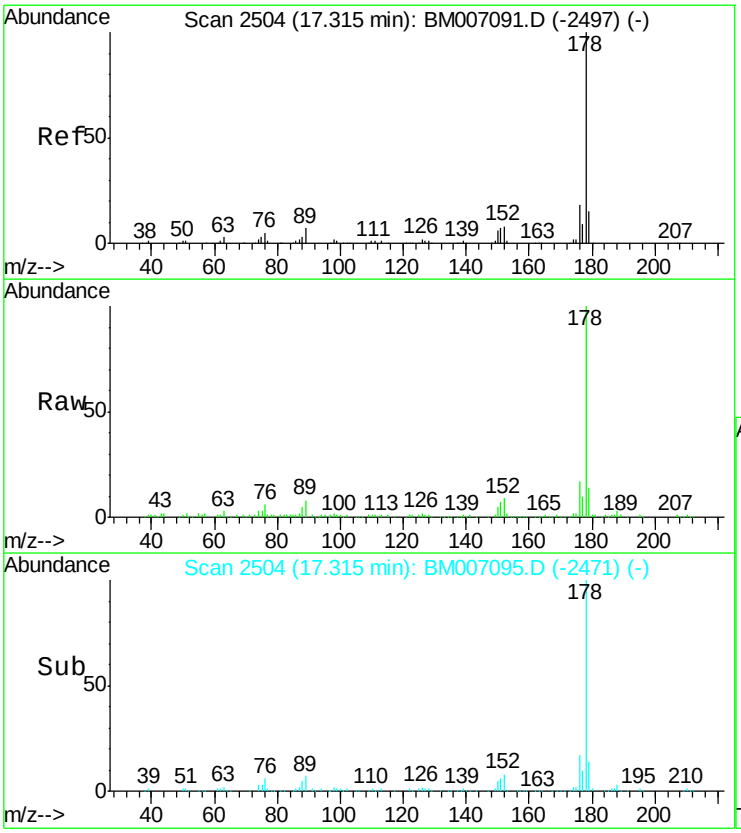
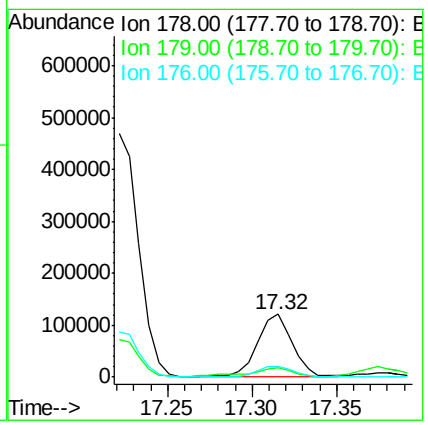
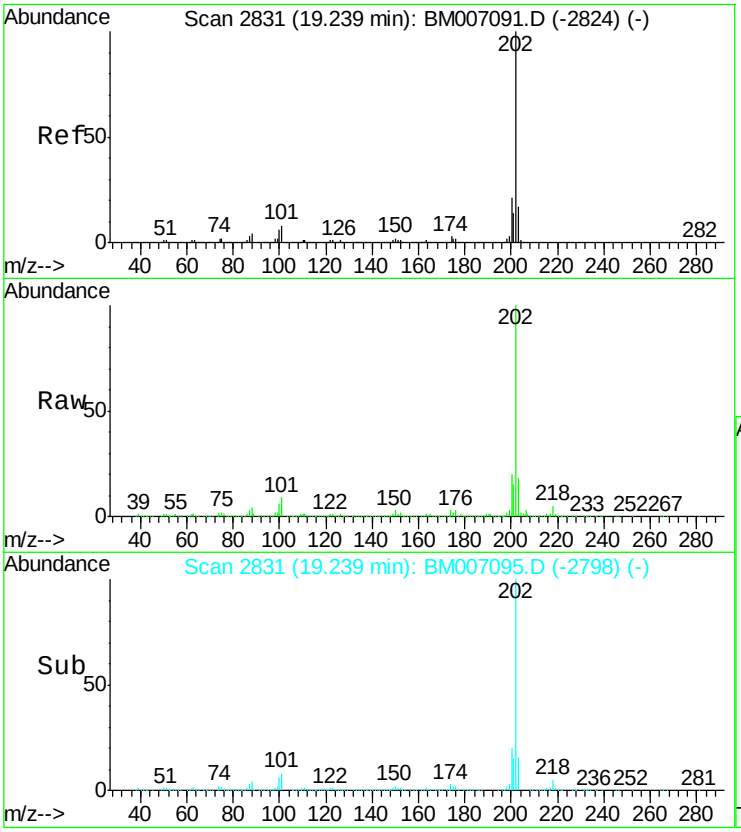


#71
Anthracene
Concen: 1.85 ng/ul
RT: 17.32 min Scan# 2504
Delta R.T. -0.01 min
Lab File: BM007095.D
Acq: 14 Aug 2016 07:24

Tgt Ion:178 Resp: 168441

Ion	Ratio	Lower	Upper
178	100		
179	14.1	12.1	18.1
176	16.9	14.5	21.7

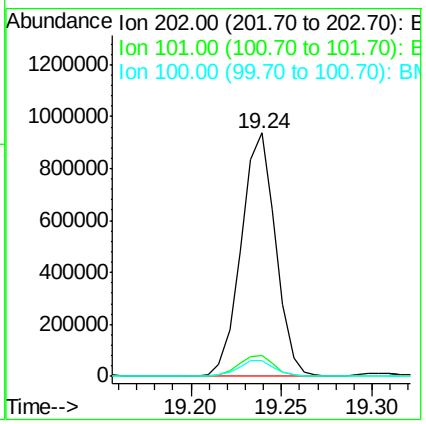




#74
Fluoranthene
Concen: 11.46 ng/ul
RT: 19.24 min Scan# 2831
Delta R.T. -0.01 min
Lab File: BM007095.D
Acq: 14 Aug 2016 07:24

Tgt Ion:202 Resp: 1229526

Ion	Ratio	Lower	Upper
202	100		
101	8.5	6.9	10.3
100	6.5	5.4	8.0



Instrument :
BNA_M
ClientSampleId :
P003-SS001-1218-02

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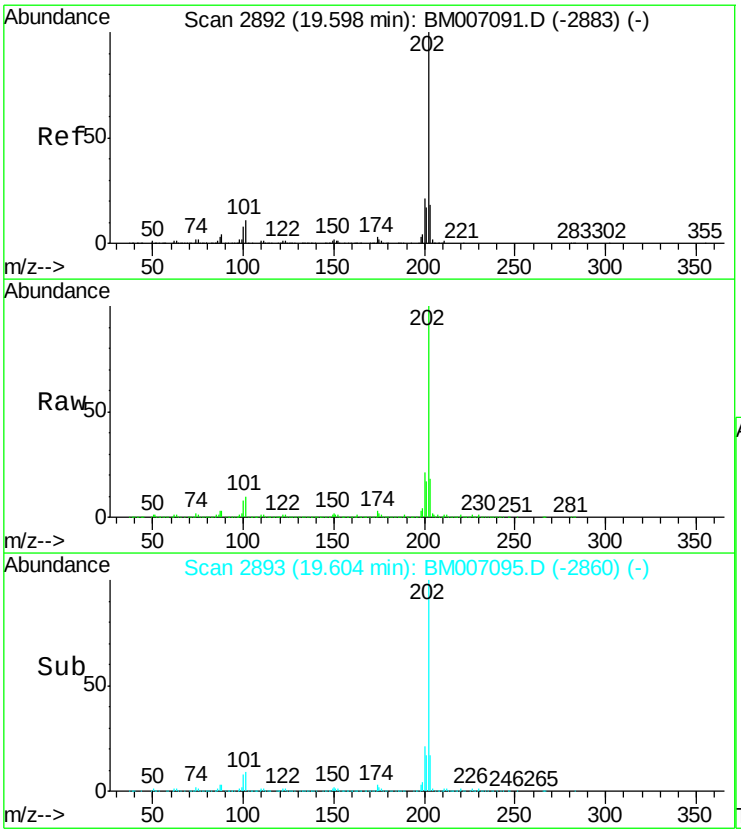
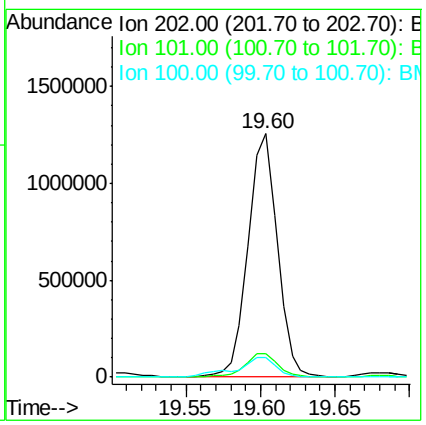
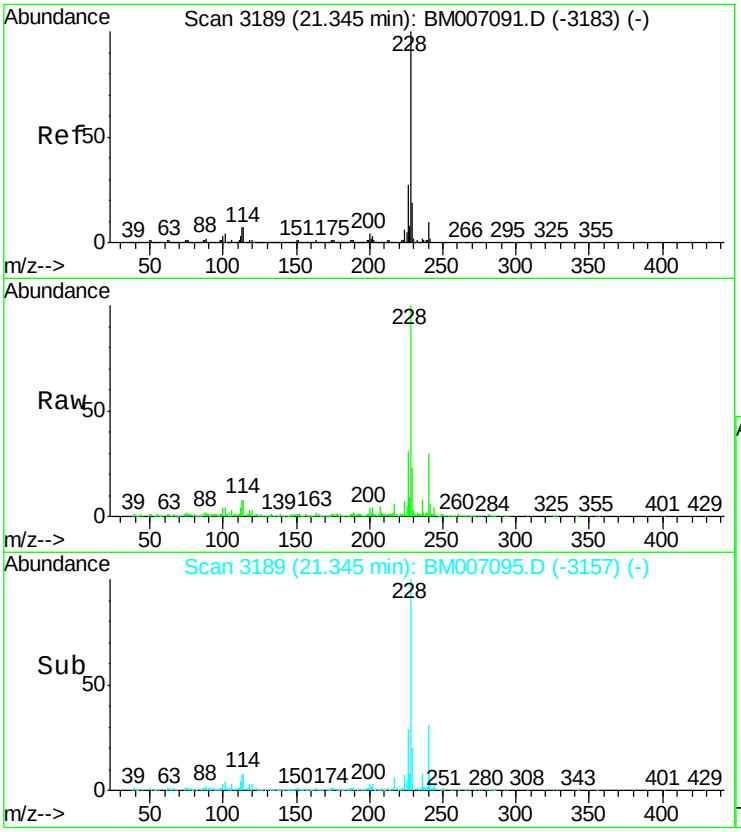


#77
Pyrene
Concen: 15.55 ng/ul
RT: 19.60 min Scan# 2893
Delta R.T. -0.01 min
Lab File: BM007095.D
Acq: 14 Aug 2016 07:24

Tgt Ion:202 Resp: 1700679

Ion	Ratio	Lower	Upper
202	100		
101	9.5	8.4	12.6
100	7.8	6.9	10.3

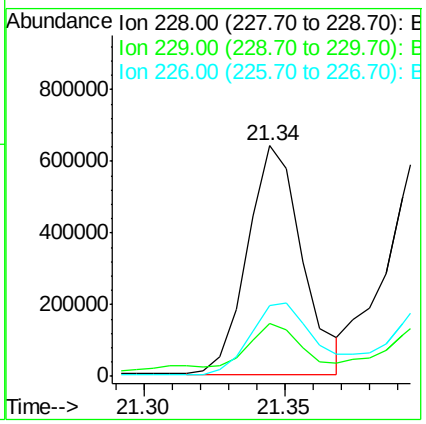




#80
Benzo(a)anthracene
Concen: 7.39 ng/ul
RT: 21.34 min Scan# 3189
Delta R.T. -0.01 min
Lab File: BM007095.D
Acq: 14 Aug 2016 07:24

Tgt Ion:228 Resp: 863264

Ion	Ratio	Lower	Upper
228	100		
229	23.1	15.6	23.4
226	30.7	21.8	32.8



Instrument :
BNA_M
ClientSampleId :
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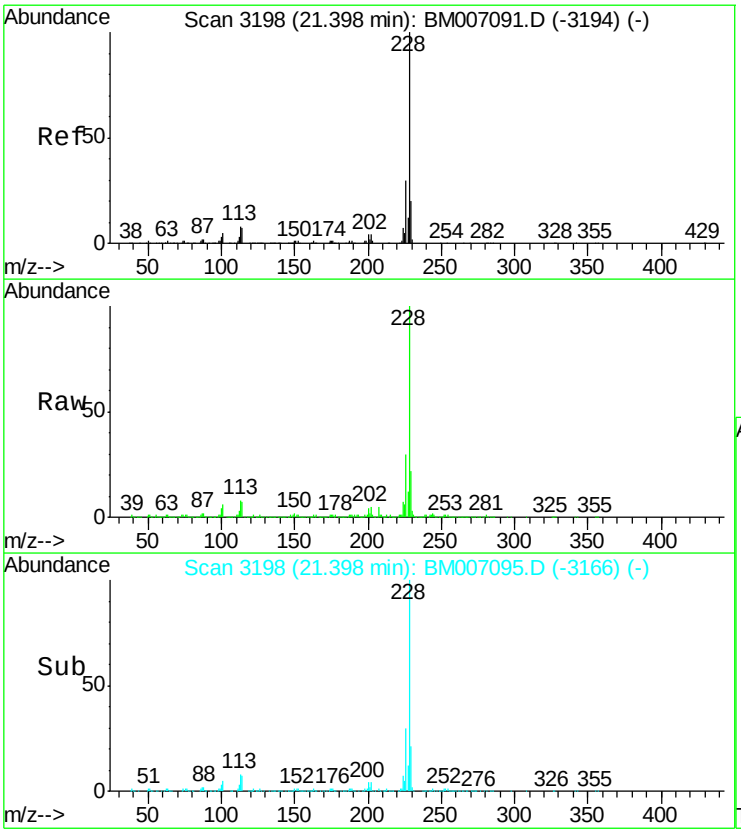
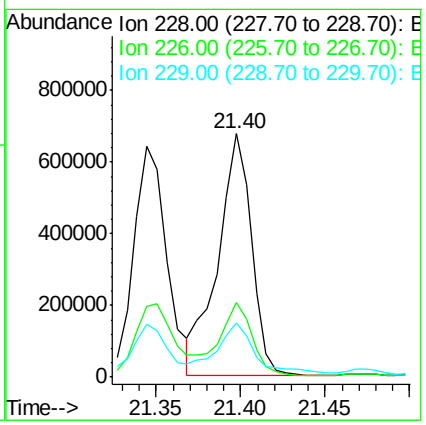
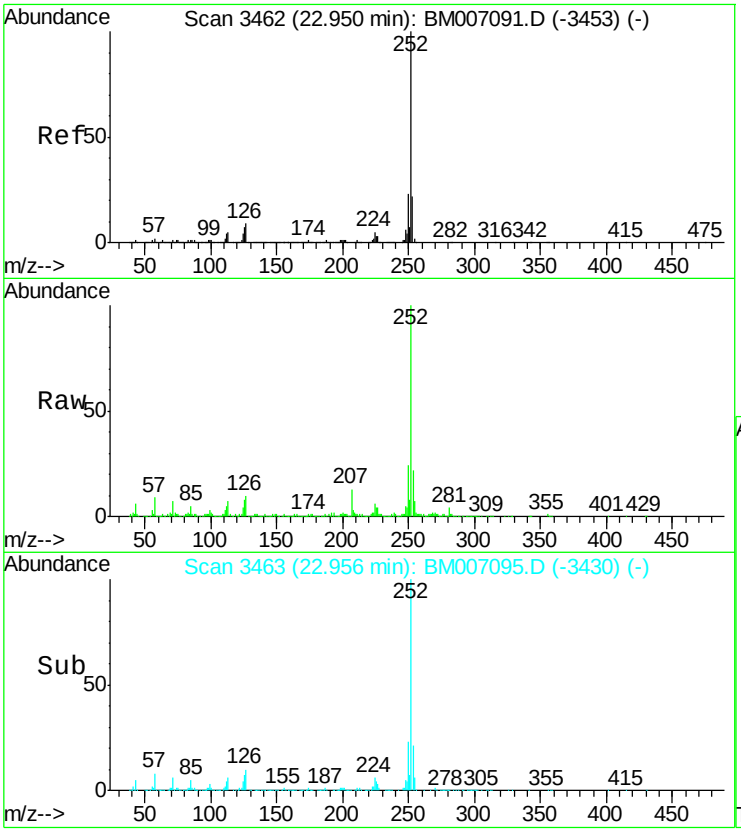


#82
Chrysene
Concen: 8.72 ng/ul
RT: 21.40 min Scan# 3198
Delta R.T. -0.01 min
Lab File: BM007095.D
Acq: 14 Aug 2016 07:24

Tgt Ion:228 Resp: 931095

Ion	Ratio	Lower	Upper
228	100		
226	30.5	23.4	35.2
229	22.1	15.5	23.3

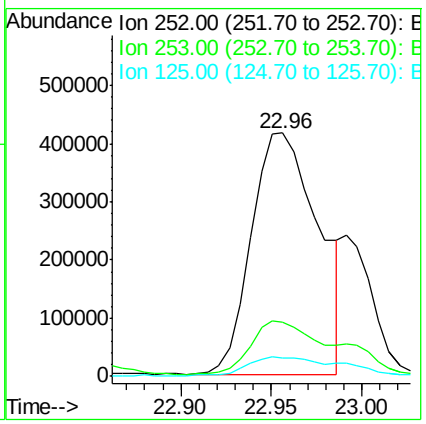




#85
Benzo(b)fluoranthene
Concen: 8.25 ng/ul
RT: 22.96 min Scan# 3463
Delta R.T. -0.01 min
Lab File: BM007095.D
Acq: 14 Aug 2016 07:24

Tgt Ion:252 Resp: 1066888

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.1	25.7
125	7.8	5.8	8.8



Instrument :
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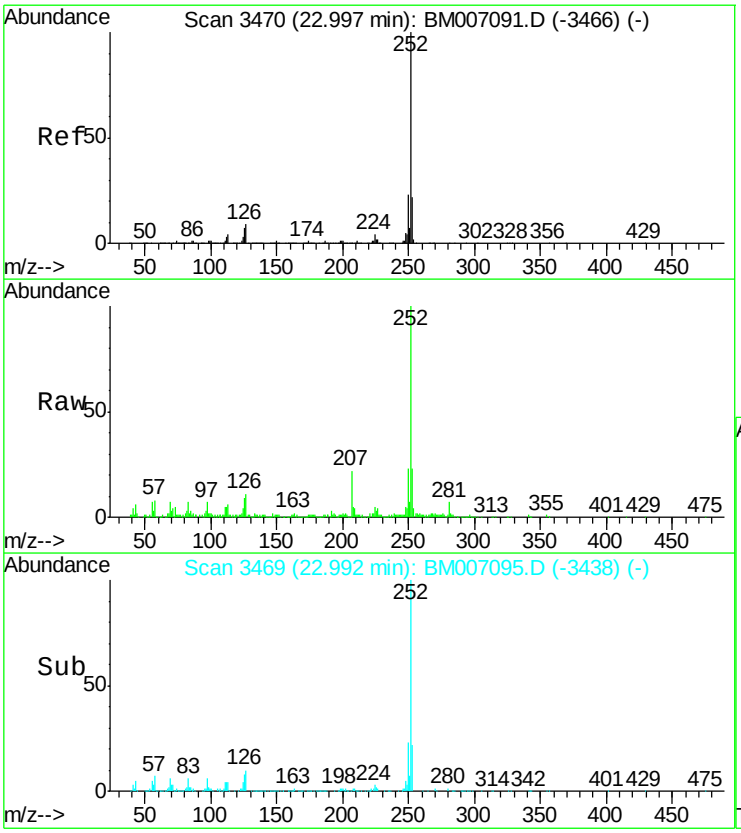
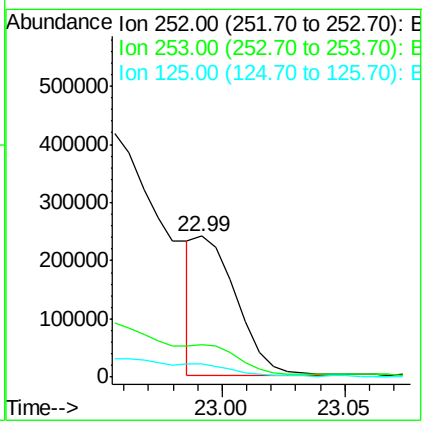
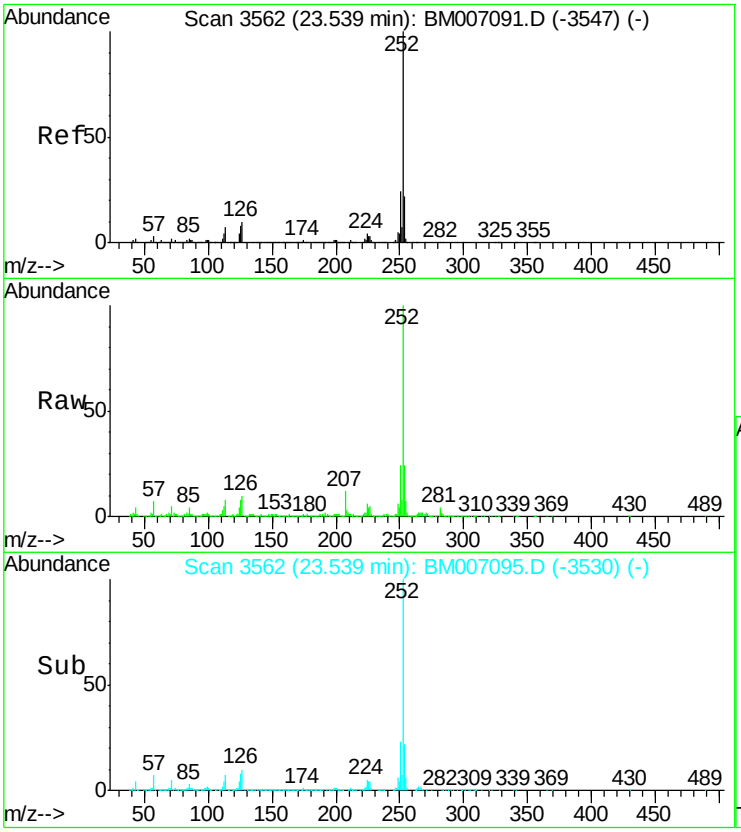


#86
Benzo(k)fluoranthene
Concen: 2.28 ng/ul m
RT: 22.99 min Scan# 3469
Delta R.T. -0.02 min
Lab File: BM007095.D
Acq: 14 Aug 2016 07:24

Tgt Ion:252 Resp: 276321

Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.6	26.4
125	9.0	5.7	8.5#

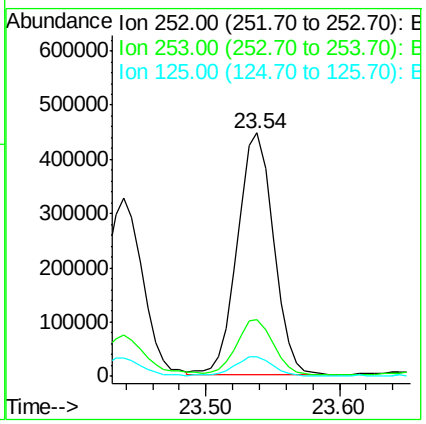




#88
Benzo(a)pyrene
Concen: 6.80 ng/ul
RT: 23.54 min Scan# 3562
Delta R.T. -0.01 min
Lab File: BM007095.D
Acq: 14 Aug 2016 07:24

Tgt Ion:252 Resp: 832975

Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.7	26.5
125	8.1	6.6	9.8



Instrument :
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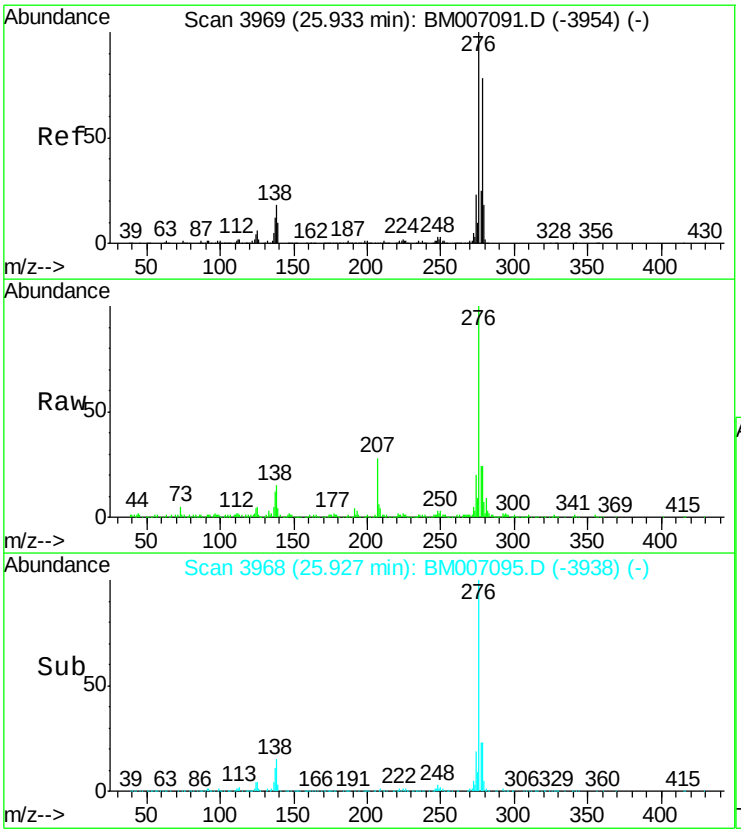
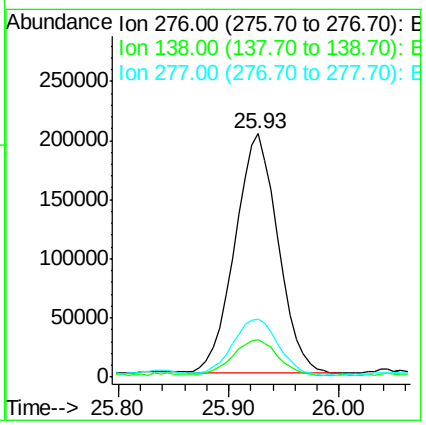
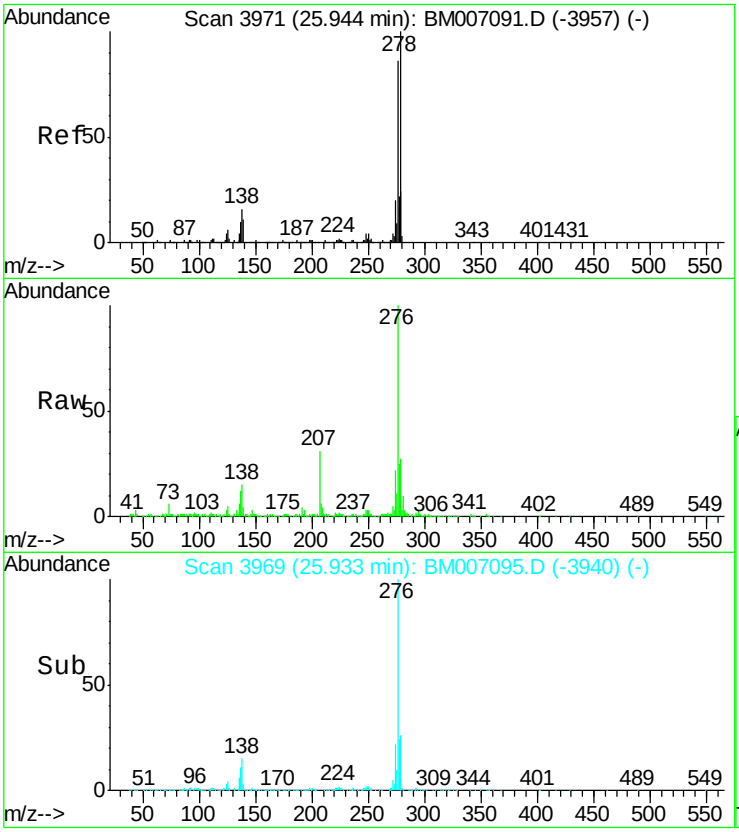


#89
Indeno(1,2,3-cd)pyrene
Concen: 3.70 ng/ul
RT: 25.93 min Scan# 3968
Delta R.T. -0.02 min
Lab File: BM007095.D
Acq: 14 Aug 2016 07:24

Tgt Ion:276 Resp: 556445

Ion	Ratio	Lower	Upper
276	100		
138	15.4	13.9	20.9
277	23.6	20.1	30.1





#90
Dibenzo(a,h)anthracene
Concen: 1.25 ng/ul
RT: 25.93 min Scan# 3969
Delta R.T. -0.03 min
Lab File: BM007095.D
Acq: 14 Aug 2016 07:24

Tgt Ion:278 Resp: 157469

Ion	Ratio	Lower	Upper
278	100		
139	15.1	9.5	14.3#
279	30.3	19.1	28.7#

Instrument :
BNA_M
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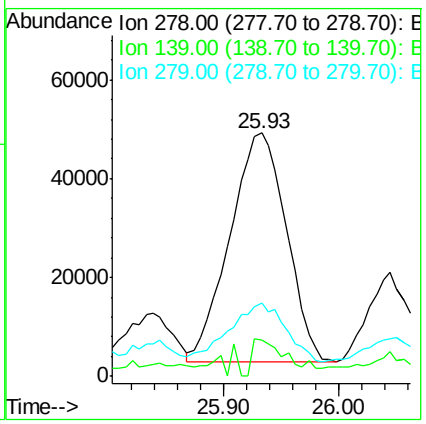

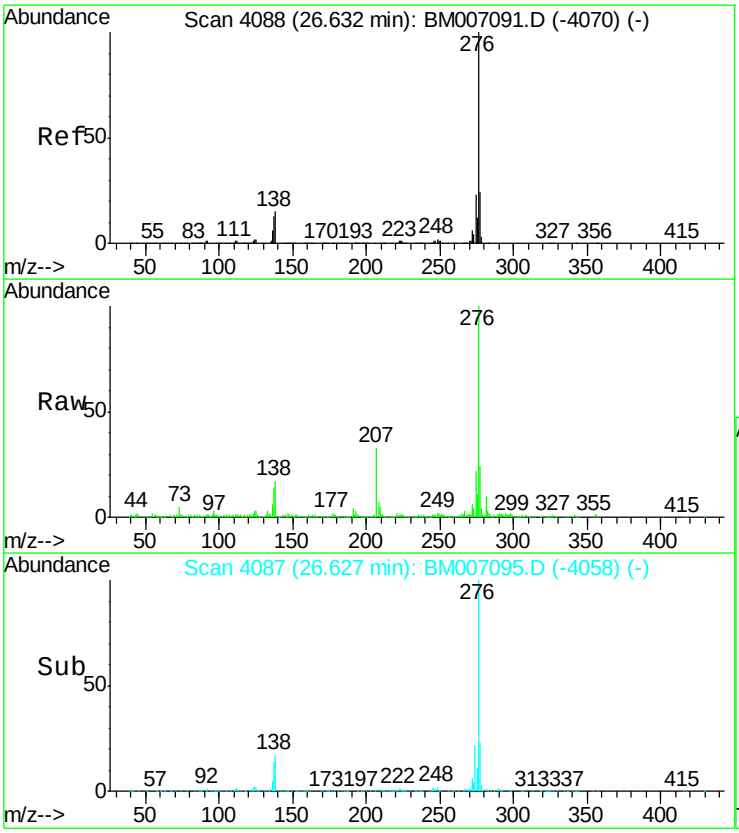

#91
Benzo(g,h,i)perylene
Concen: 4.52 ng/ul
RT: 26.63 min Scan# 4087
Delta R.T. -0.03 min
Lab File: BM007095.D
Acq: 14 Aug 2016 07:24

Tgt Ion:276 Resp: 574366

Ion	Ratio	Lower	Upper
276	100		
138	17.5	13.5	20.3
277	23.9	19.3	28.9