Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM081916\
Data File : BM007214.D
Acq On : 18 Aug 2016 21:15
Operator : UM/SJ
Sample : H4445-09
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E5N28

Manual Integrations APPROVED
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Quant Time: Aug 19 05:27:58 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM081116.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Aug 19 04:48:28 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	222192	20.00	ng/ul	0.00
18) Naphthalene-d8	10.59	136	898655	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.43	164	519050	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.17	188	1232314	20.00	ng/ul	0.00
75) Chrysene-d12	21.36	240	1590592	20.00	ng/ul	0.00
83) Perylene-d12	23.63	264	1645694	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.32	96	18125	3.56	ng/uL	0.00
5) Phenol-d5	6.97	99	371807	20.66	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.14	67	212145	20.56	ng/ul	0.00
9) 2-Chlorophenol-d4	7.33	132	293699	20.49	ng/ul	0.00
13) 4-Methylphenol-d8	8.50	113	298590	20.16	ng/ul	0.00
19) Nitrobenzene-d5	8.96	128	136570	20.92	ng/ul	0.00
22) 2-Nitrophenol-d4	9.67	143	150891	21.64	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.21	165	293483	20.09	ng/ul	0.00
29) 4-Chloroaniline-d4	10.72	131	353509	20.34	ng/ul	0.00
43) Dimethylphthalate-d6	13.84	166	924007	21.54	ng/ul	0.00
46) Acenaphthylene-d8	14.13	160	1109064	21.53	ng/ul	0.00
51) 4-Nitrophenol-d4	14.63	143	145476	18.92	ng/ul	0.00
57) Fluorene-d10	15.43	176	819853	21.87	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.54	200	117659	17.28	ng/ul	0.00
70) Anthracene-d10	17.27	188	1338981	23.45	ng/ul	0.00
76) Pyrene-d10	19.57	212	1667540	24.84	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.48	264	1846525	24.53	ng/ul	0.00
Target Compounds						Qvalue
44) Dimethylphthalate	13.89	163	226772	5.29	ng/ul	98
47) Acenaphthylene	14.15	152	57538	1.08	ng/ul	96
69) Phenanthrene	17.22	178	80472	1.21	ng/ul	97
71) Anthracene	17.31	178	78217	1.15	ng/ul	99
74) Fluoranthene	19.23	202	493023	6.13	ng/ul	100
77) Pyrene	19.59	202	521023	5.92	ng/ul	99
80) Benzo(a)anthracene	21.34	228	348929	3.71	ng/ul	99
82) Chrysene	21.39	228	318888	3.71	ng/ul	98
85) Benzo(b)fluoranthene	22.94	252	602317	6.08	ng/ul	96
86) Benzo(k)fluoranthene	22.99	252	182341m	1.96	ng/ul	
88) Benzo(a)pyrene	23.53	252	325919	3.47	ng/ul	100
89) Indeno(1,2,3-cd)pyrene	25.91	276	232205	2.02	ng/ul	98
91) Benzo(g,h,i)perylene	26.61	276	187752	1.93	ng/ul	99

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

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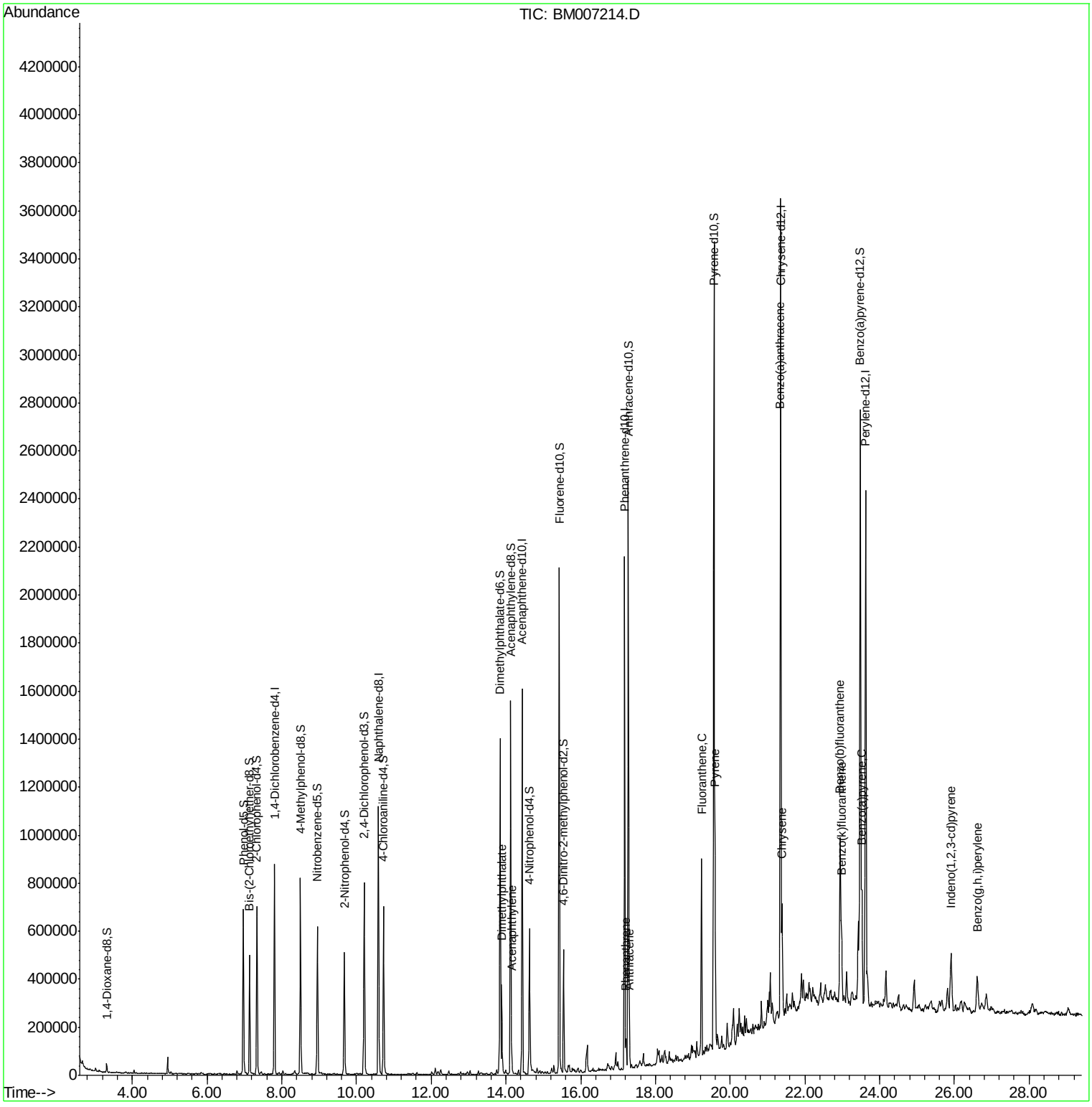
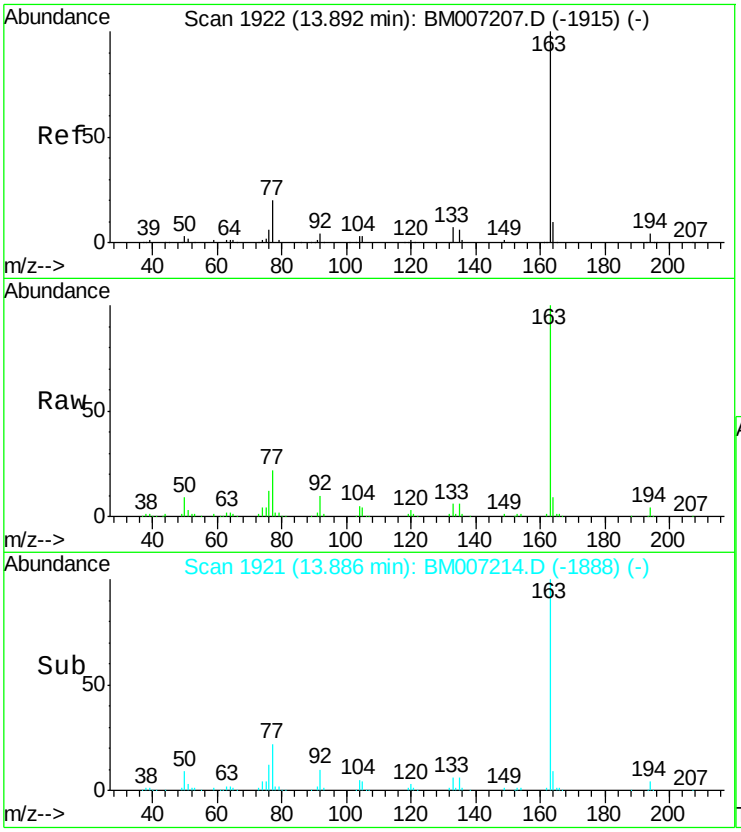
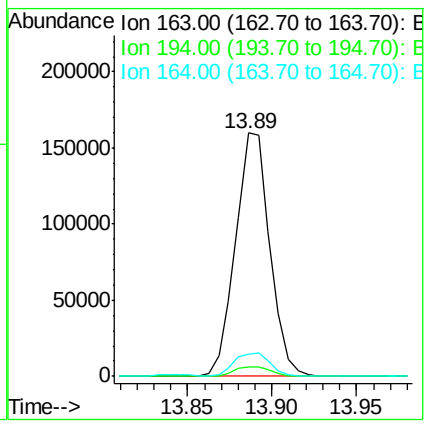




#44
Dimethylphthalate
Concen: 5.29 ng/ul
RT: 13.89 min Scan# 1921
Delta R.T. -0.01 min
Lab File: BM007214.D
Acq: 18 Aug 2016 21:15

Tgt Ion:163 Resp: 226772

Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.4	5.2
164	9.1	7.8	11.8



Instrument :
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ClientSampleId :
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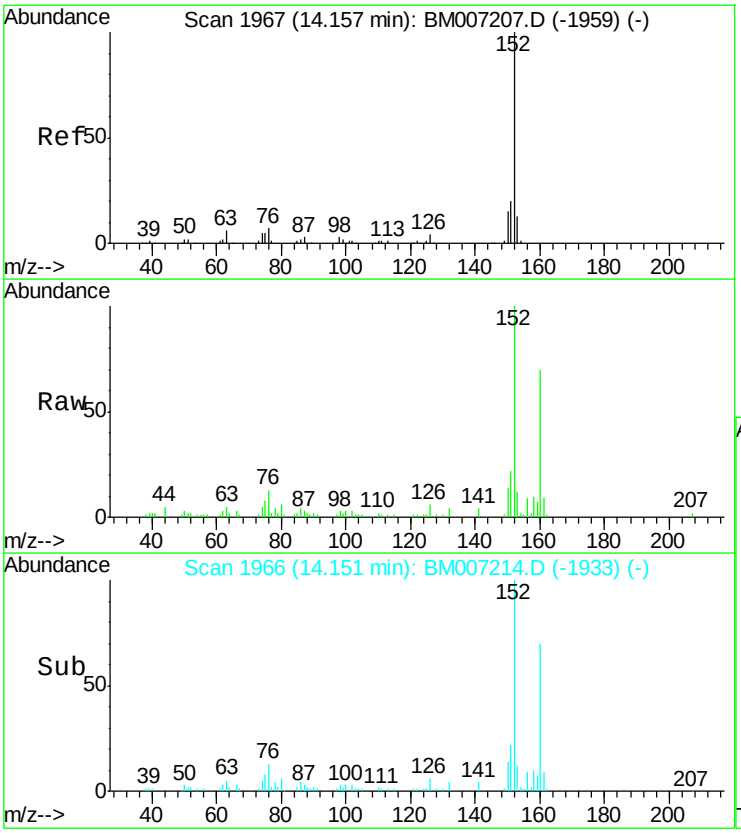
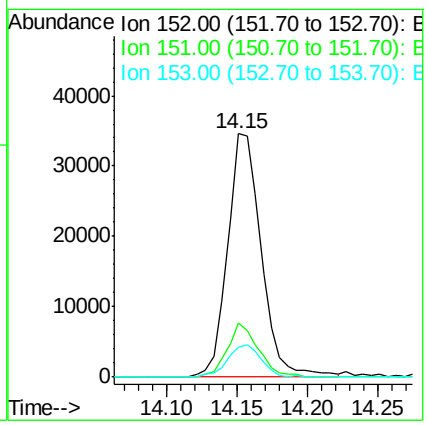
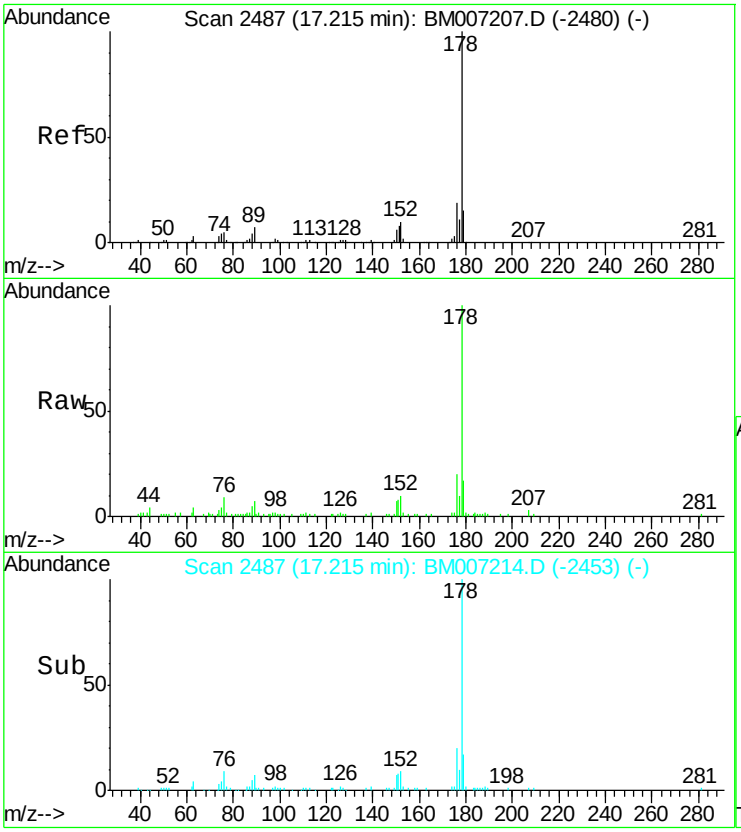


#47
Acenaphthylene
Concen: 1.08 ng/ul
RT: 14.15 min Scan# 1966
Delta R.T. -0.01 min
Lab File: BM007214.D
Acq: 18 Aug 2016 21:15

Tgt Ion:152 Resp: 57538

Ion	Ratio	Lower	Upper
152	100		
151	22.0	16.0	24.0
153	12.3	11.0	16.6

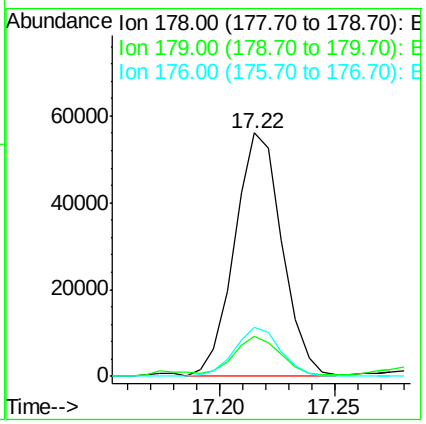




#69
Phenanthrene
Concen: 1.21 ng/ul
RT: 17.22 min Scan# 2487
Delta R.T. -0.00 min
Lab File: BM007214.D
Acq: 18 Aug 2016 21:15

Tgt Ion:178 Resp: 80472

Ion	Ratio	Lower	Upper
178	100		
179	16.7	12.2	18.2
176	20.3	15.1	22.7



Instrument :
BNA_M
ClientSampleId :
E5N28

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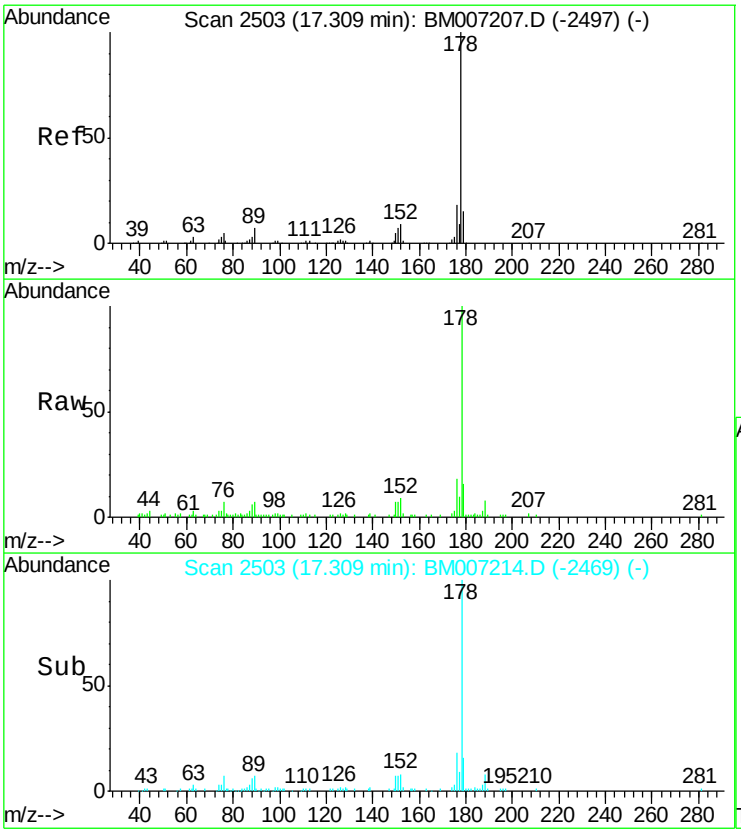
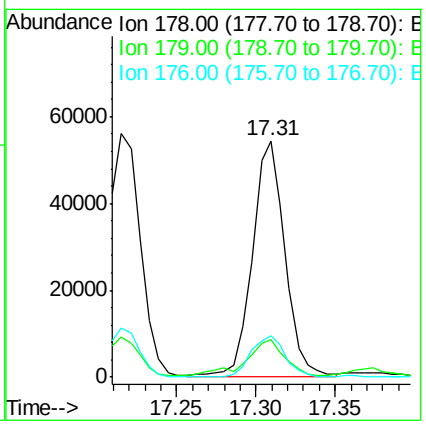
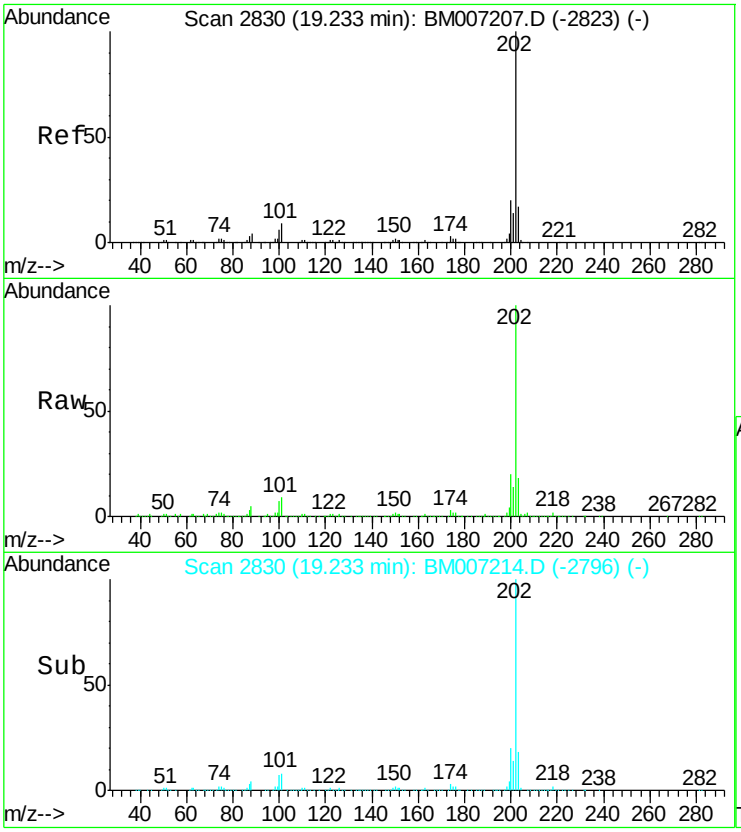


#71
Anthracene
Concen: 1.15 ng/ul
RT: 17.31 min Scan# 2503
Delta R.T. -0.00 min
Lab File: BM007214.D
Acq: 18 Aug 2016 21:15

Tgt Ion:178 Resp: 78217

Ion	Ratio	Lower	Upper
178	100		
179	15.7	12.1	18.1
176	17.7	14.5	21.7

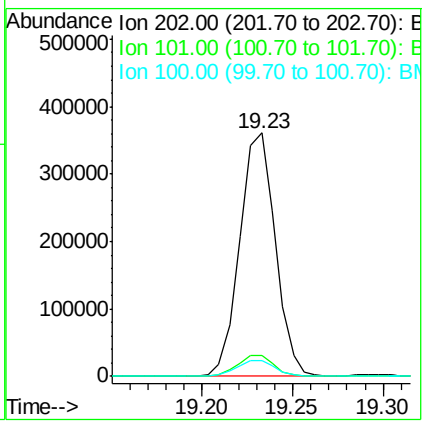




#74
Fluoranthene
Concen: 6.13 ng/ul
RT: 19.23 min Scan# 2830
Delta R.T. -0.00 min
Lab File: BM007214.D
Acq: 18 Aug 2016 21:15

Tgt Ion:202 Resp: 493023

Ion	Ratio	Lower	Upper
202	100		
101	8.6	6.9	10.3
100	6.6	5.4	8.0



Instrument :
BNA_M
ClientSampleId :
E5N28

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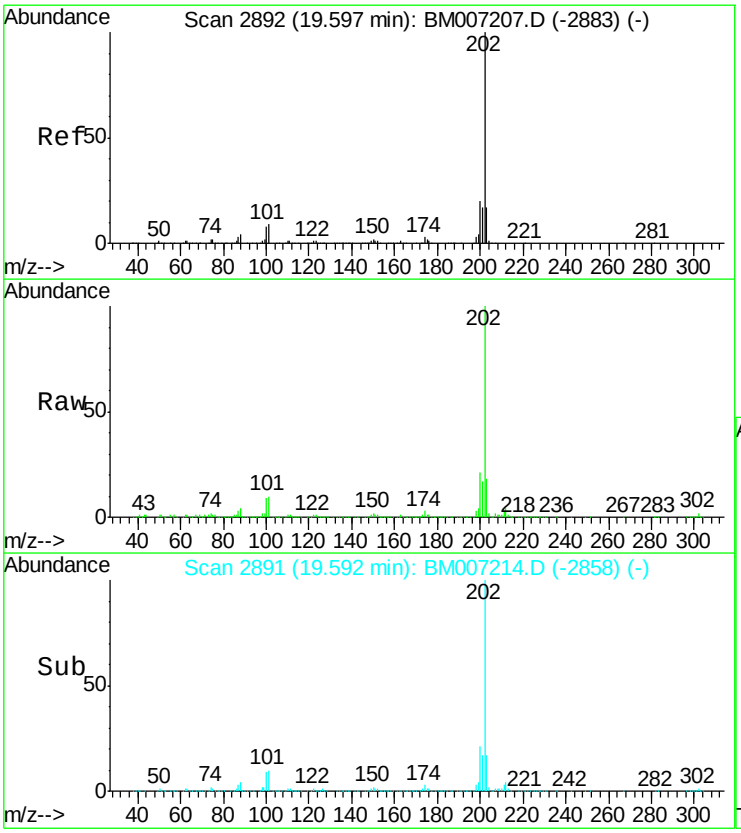
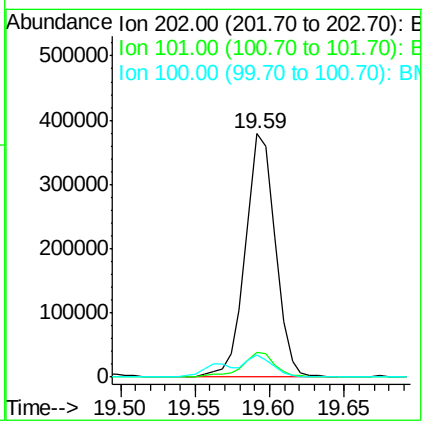
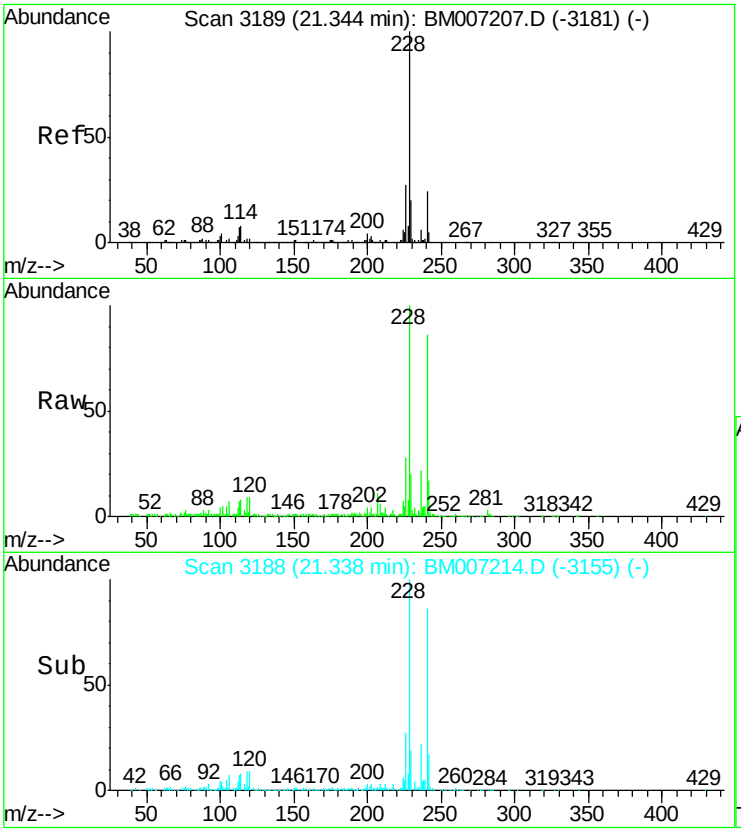


#77
Pyrene
Concen: 5.92 ng/ul
RT: 19.59 min Scan# 2891
Delta R.T. -0.01 min
Lab File: BM007214.D
Acq: 18 Aug 2016 21:15

Tgt Ion:202 Resp: 521023

Ion	Ratio	Lower	Upper
202	100		
101	10.4	8.4	12.6
100	9.1	6.9	10.3

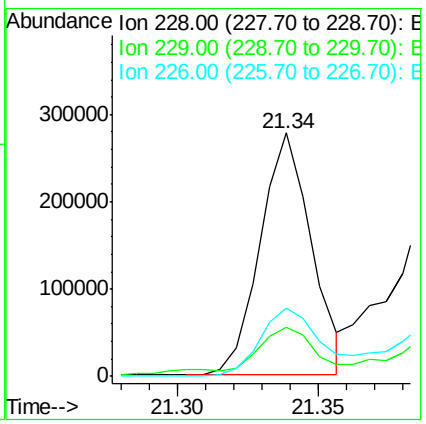




#80
Benzo(a)anthracene
Concen: 3.71 ng/ul
RT: 21.34 min Scan# 3188
Delta R.T. -0.01 min
Lab File: BM007214.D
Acq: 18 Aug 2016 21:15

Tgt Ion:228 Resp: 348929

Ion	Ratio	Lower	Upper
228	100		
229	20.1	15.6	23.4
226	27.8	21.8	32.8



Instrument :
BNA_M
ClientSampleId :
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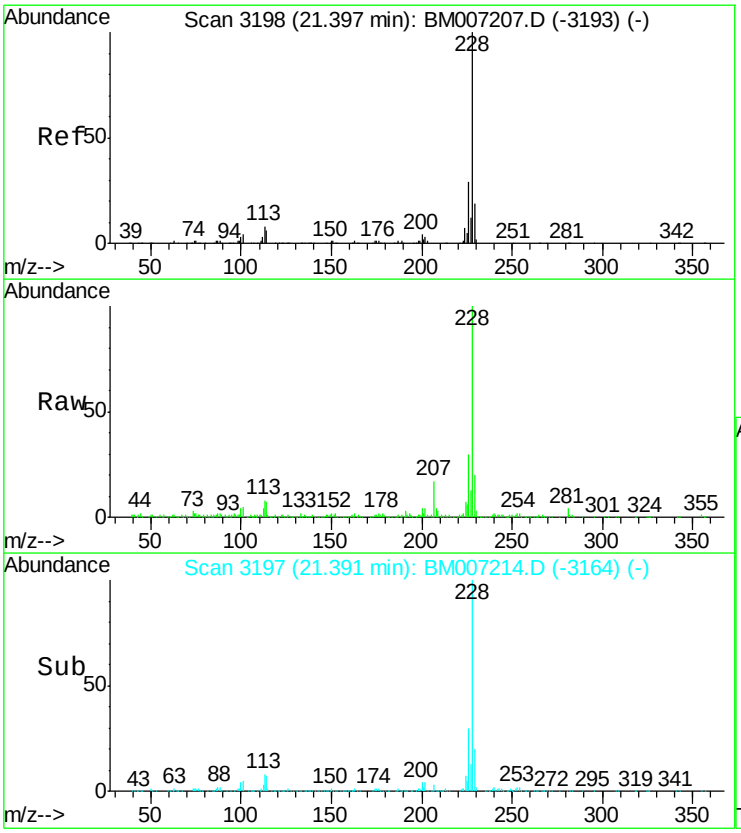
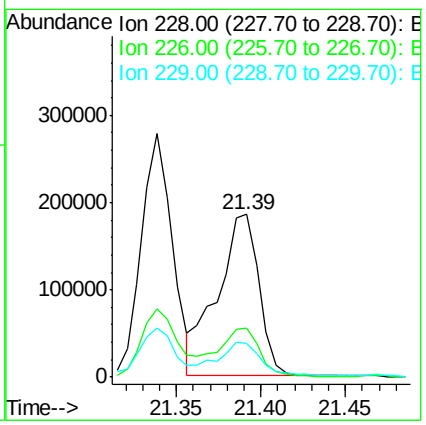
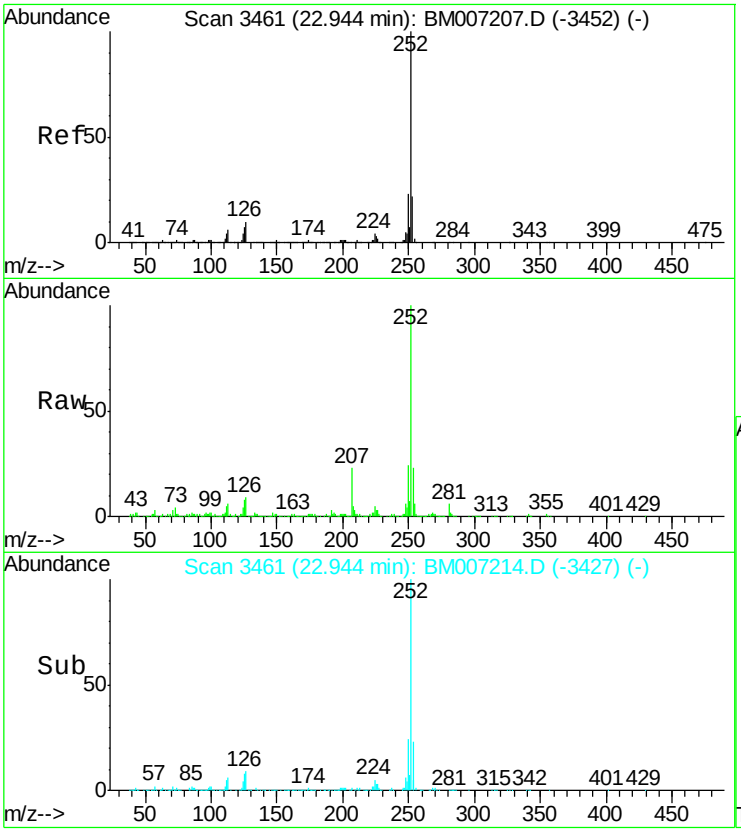


#82
Chrysene
Concen: 3.71 ng/ul
RT: 21.39 min Scan# 3197
Delta R.T. -0.01 min
Lab File: BM007214.D
Acq: 18 Aug 2016 21:15

Tgt Ion:228 Resp: 318888

Ion	Ratio	Lower	Upper
228	100		
226	29.8	23.4	35.2
229	20.4	15.5	23.3

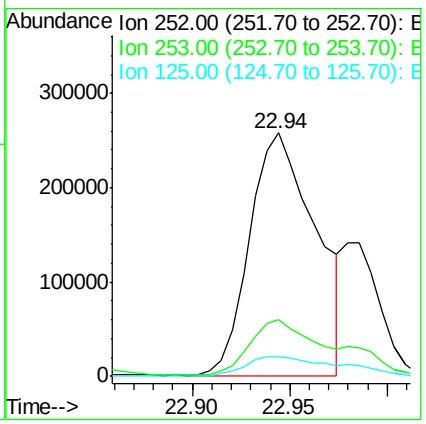




#85
Benzo(b)fluoranthene
Concen: 6.08 ng/ul
RT: 22.94 min Scan# 3461
Delta R.T. -0.00 min
Lab File: BM007214.D
Acq: 18 Aug 2016 21:15

Tgt Ion:252 Resp: 602317

Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.1	25.7
125	8.0	5.8	8.8



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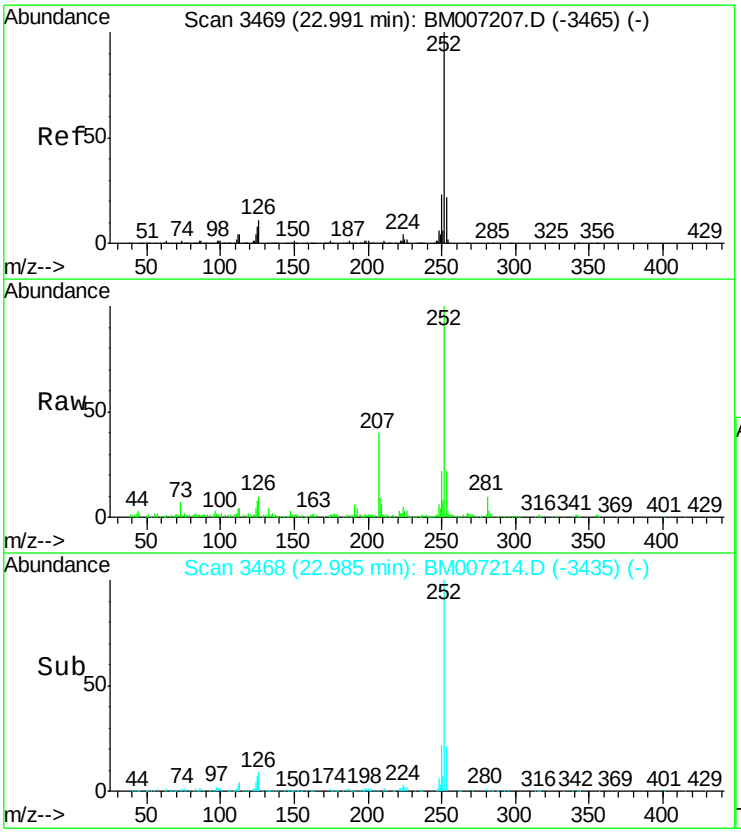
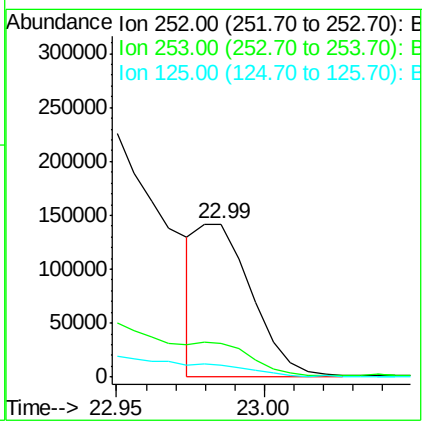
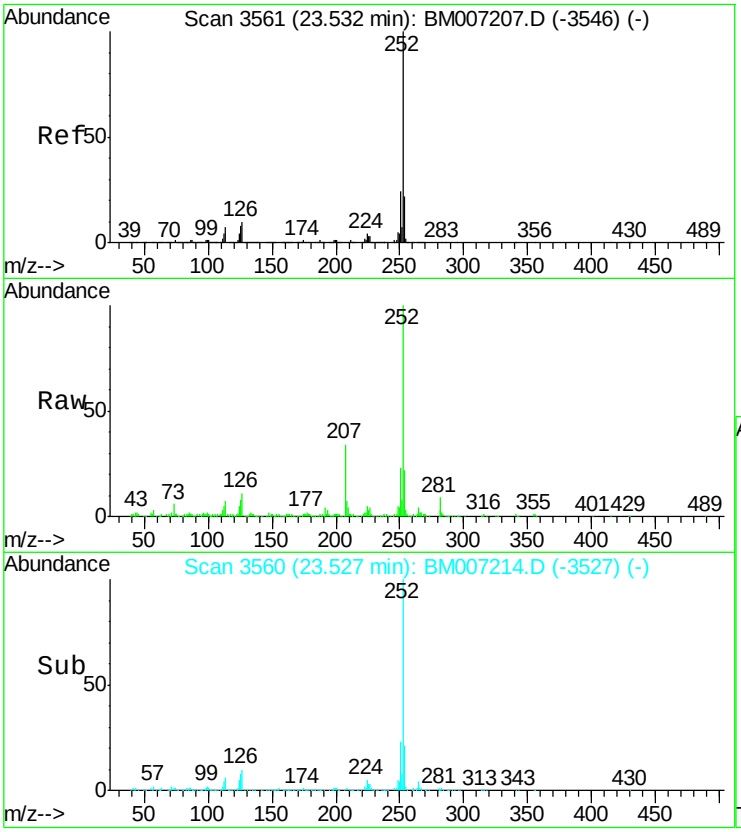


#86
Benzo(k)fluoranthene
Concen: 1.96 ng/ul m
RT: 22.99 min Scan# 3468
Delta R.T. -0.01 min
Lab File: BM007214.D
Acq: 18 Aug 2016 21:15

Tgt Ion:252 Resp: 182341

Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.6	26.4
125	7.8	5.7	8.5

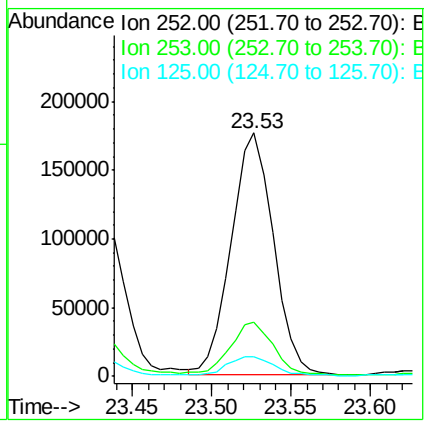




#88
Benzo(a)pyrene
Concen: 3.47 ng/ul
RT: 23.53 min Scan# 3560
Delta R.T. -0.01 min
Lab File: BM007214.D
Acq: 18 Aug 2016 21:15

Tgt Ion:252 Resp: 325919

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.7	26.5
125	8.2	6.6	9.8



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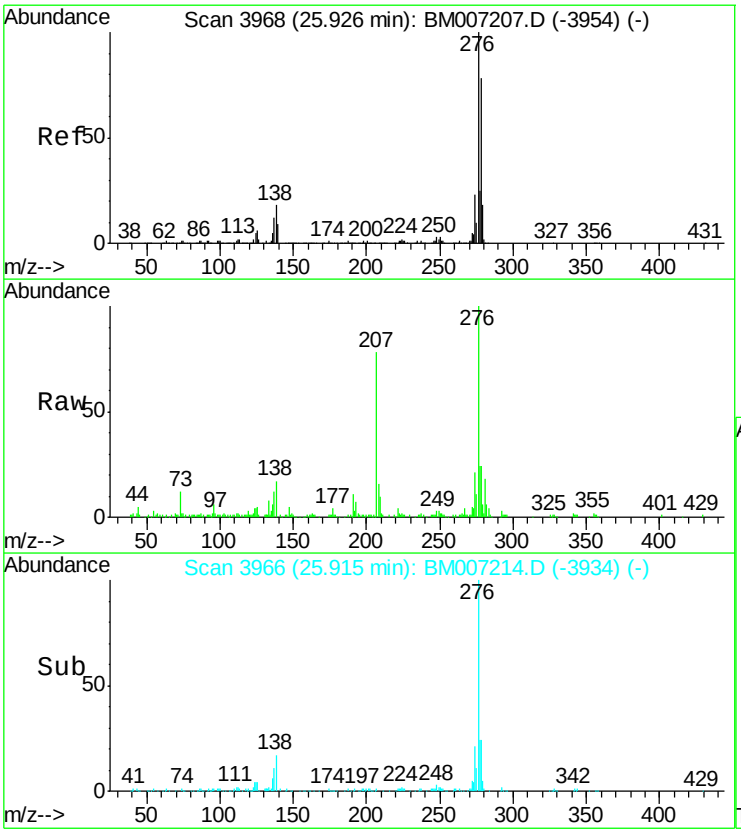
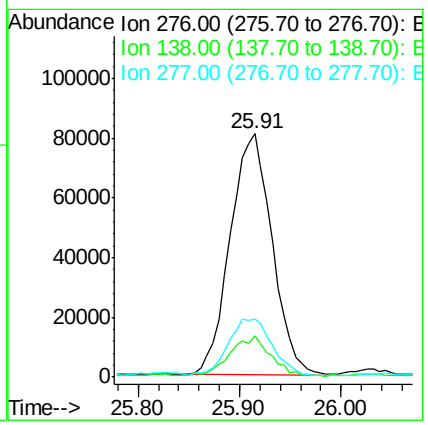
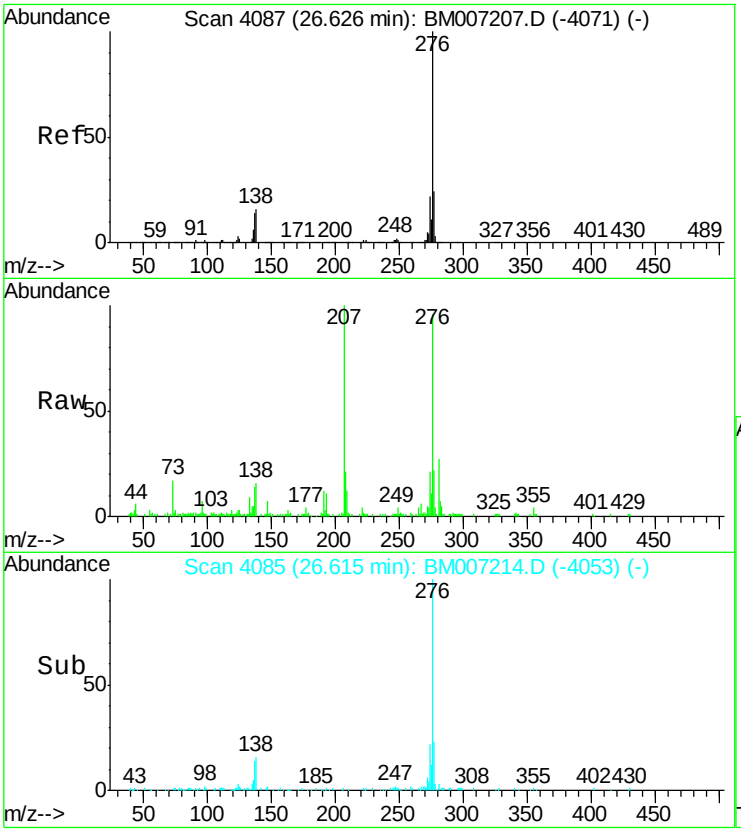


#89
Indeno(1,2,3-cd)pyrene
Concen: 2.02 ng/ul
RT: 25.91 min Scan# 3966
Delta R.T. -0.01 min
Lab File: BM007214.D
Acq: 18 Aug 2016 21:15

Tgt Ion:276 Resp: 232205

Ion	Ratio	Lower	Upper
276	100		
138	17.2	13.9	20.9
277	23.7	20.1	30.1

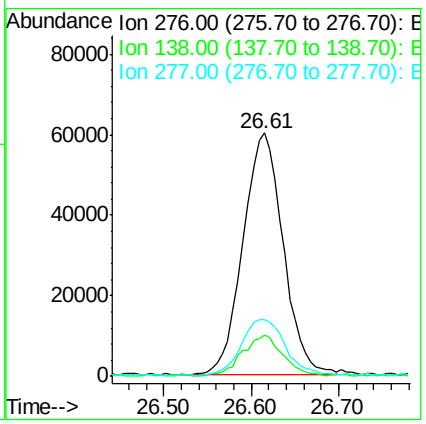




#91
Benzo(g,h,i)perylene
Concen: 1.93 ng/ul
RT: 26.61 min Scan# 4085
Delta R.T. -0.01 min
Lab File: BM007214.D
Acq: 18 Aug 2016 21:15

Tgt Ion:276 Resp: 187752

Ion	Ratio	Lower	Upper
276	100		
138	16.9	13.5	20.3
277	23.1	19.3	28.9



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