Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061116\
Data File : BM005733.D
Acq On : 11 Jun 2016 22:38
Operator : UM/SJ
Sample : H3411-14
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : D9XR2

Manual Integrations APPROVED
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Quant Time: Jun 12 00:38:20 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM061016.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Jun 11 23:08:56 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	80426	20.00	ng/ul	0.00
7) Naphthalene-d8	10.53	136	416336	20.00	ng/ul	0.00
15) Acenaphthene-d10	14.39	164	262640	20.00	ng/ul	0.00
23) Phenanthrene-d10	17.13	188	585649	20.00	ng/ul	0.00
29) Chrysene-d12	21.32	240	531987	20.00	ng/ul	0.00
34) Perylene-d12	23.57	264	440498	20.00	ng/ul	0.00
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.19	96	2650	1.43	ng/uL	0.00
3) Phenol-d5	6.92	99	104545	15.06	ng/ul	0.00
4) Bis-(2-Chloroethyl)ether-d	7.07	67	75602	18.13	ng/ul	0.00
5) 2-Chlorophenol-d4	7.28	132	96944	17.28	ng/ul	0.00
6) 4-Methylphenol-d8	8.46	113	63123	10.77	ng/ul	0.00
8) Nitrobenzene-d5	8.90	128	50343	16.78	ng/ul	0.00
9) 2-Nitrophenol-d4	9.62	143	57020	16.81	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	10.17	165	102722	16.69	ng/ul	0.00
12) 4-Chloroaniline-d4	10.68	131	88104	11.87	ng/ul	0.00
16) Dimethylphthalate-d6	13.79	166	397244	18.34	ng/ul	0.00
17) Acenaphthylene-d8	14.08	160	508688	19.19	ng/ul	0.00
20) 4-Nitrophenol-d4	14.63	143	30819	9.73	ng/ul	0.01
21) Fluorene-d10	15.38	176	357230	19.48	ng/ul	0.00
24) 4,6-Dinitro-2-methylphenol	15.52	200	36739	12.13	ng/ul	0.00
26) Anthracene-d10	17.23	188	524452	19.01	ng/ul	0.00
30) Pyrene-d10	19.53	212	593674	23.23	ng/ul	0.00
37) Benzo(a)pyrene-d12	23.43	264	401184	19.97	ng/ul	0.00
Target Compounds						Qvalue
25) Phenanthrene	17.17	178	192737	6.01	ng/ul	99
27) Anthracene	17.26	178	37847	1.16	ng/ul	96
28) Fluoranthene	19.19	202	473918	12.59	ng/ul	100
31) Pyrene	19.56	202	443702	13.71	ng/ul	100
32) Benzo(a)anthracene	21.30	228	218352	7.11	ng/ul	99
33) Chrysene	21.35	228	228269	7.53	ng/ul	98
35) Benzo(b)fluoranthene	22.89	252	255475	9.76	ng/ul	99
36) Benzo(k)fluoranthene	22.93	252	86014m	3.25	ng/ul	
38) Benzo(a)pyrene	23.47	252	174425	7.02	ng/ul	97
39) Indeno(1,2,3-cd)pyrene	25.85	276	114911	4.74	ng/ul	93
40) Dibenzo(a,h)anthracene	25.85	278	31219	1.54	ng/ul#	86
41) Benzo(g,h,i)perylene	26.56	276	108782	5.36	ng/ul	99

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

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Instrument :
BNA_M
ClientSampleId :
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Manual Integrations APPROVED
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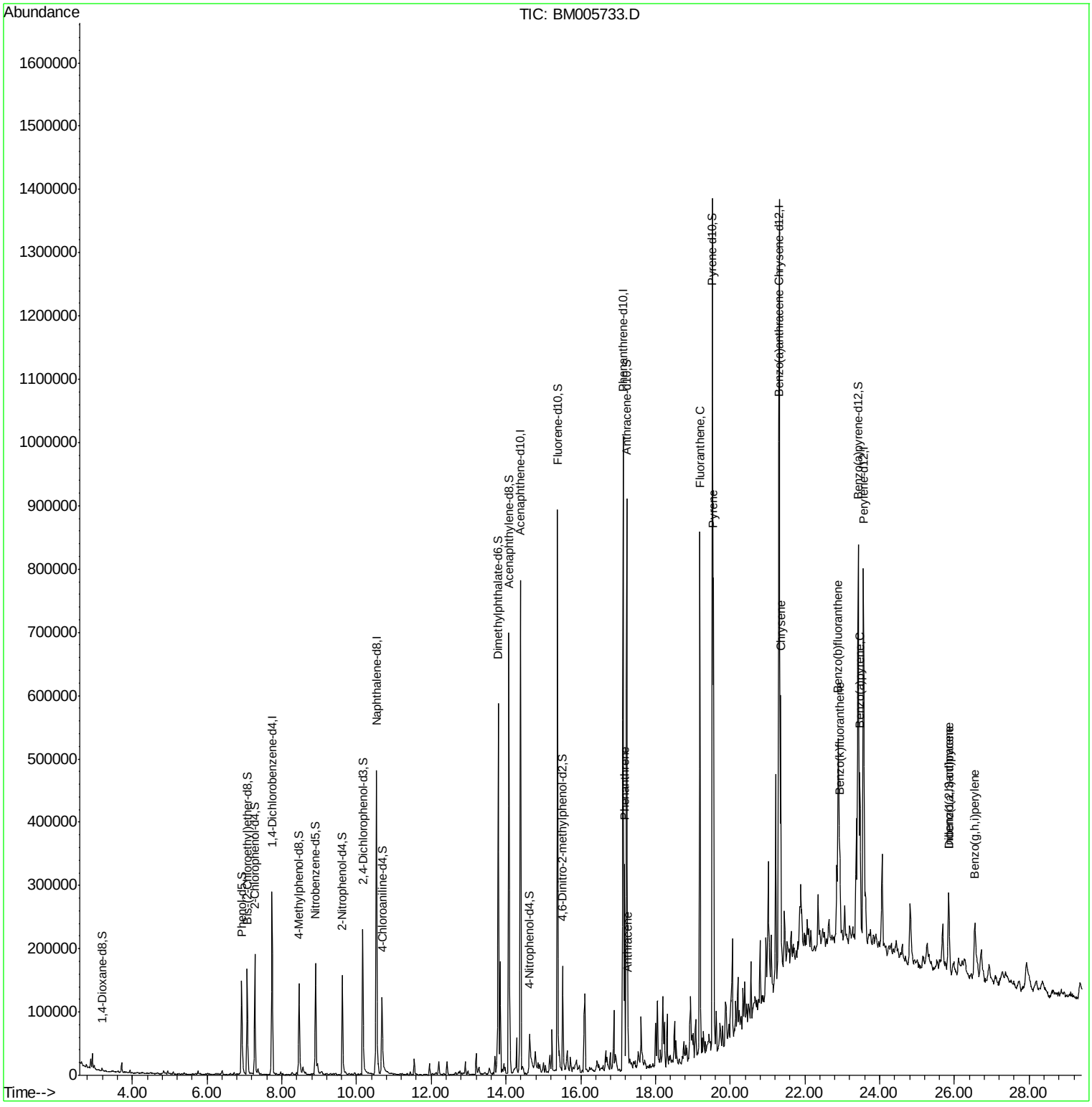
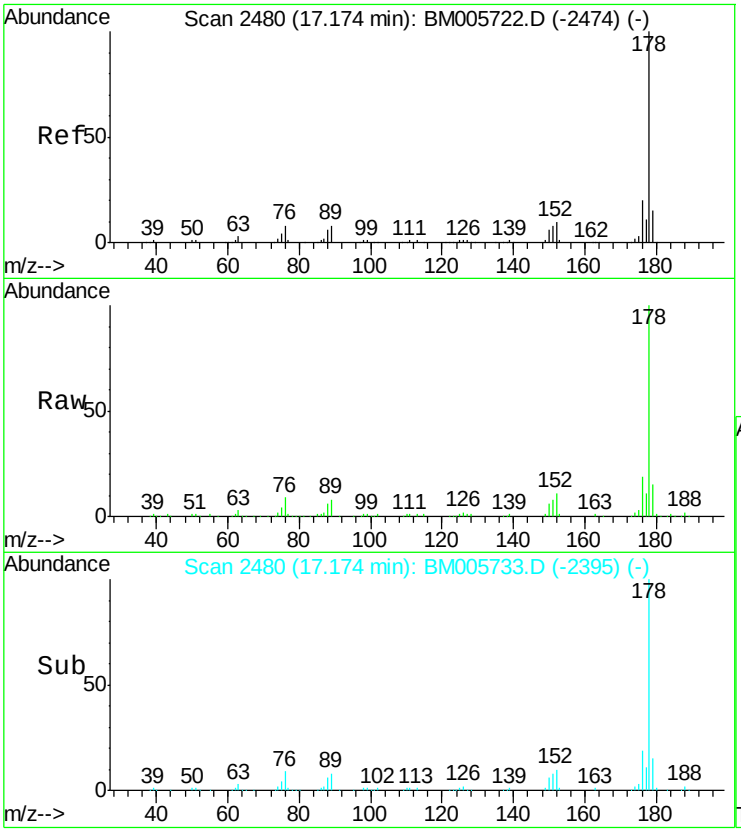
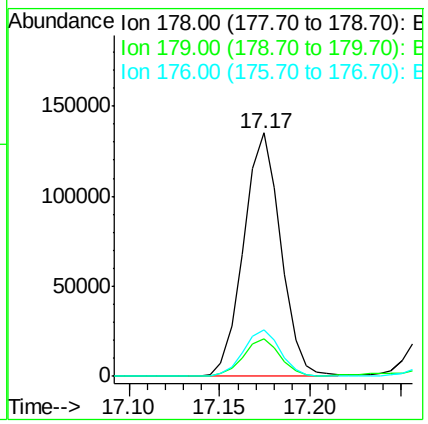




#25
Phenanthrene
Concen: 6.01 ng/ul
RT: 17.17 min Scan# 2480
Delta R.T. -0.00 min
Lab File: BM005733.D
Acq: 11 Jun 2016 22:38

Tgt Ion:178 Resp: 192737

Ion	Ratio	Lower	Upper
178	100		
179	15.2	12.4	18.6
176	19.2	15.8	23.6



Instrument :
BNA_M
ClientSampleId :
D9XR2

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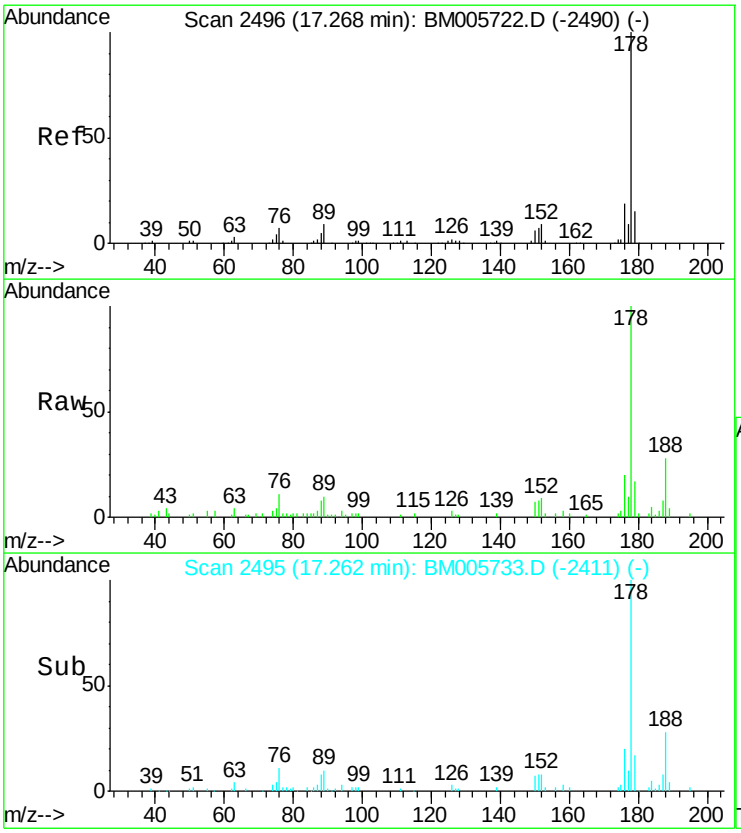
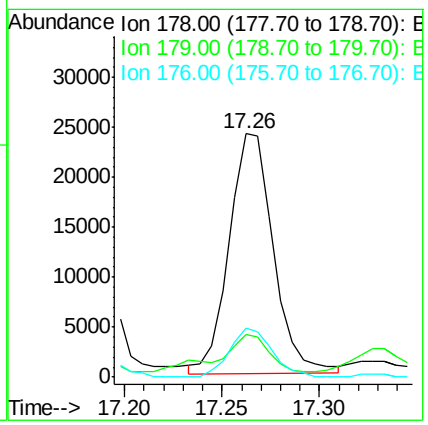
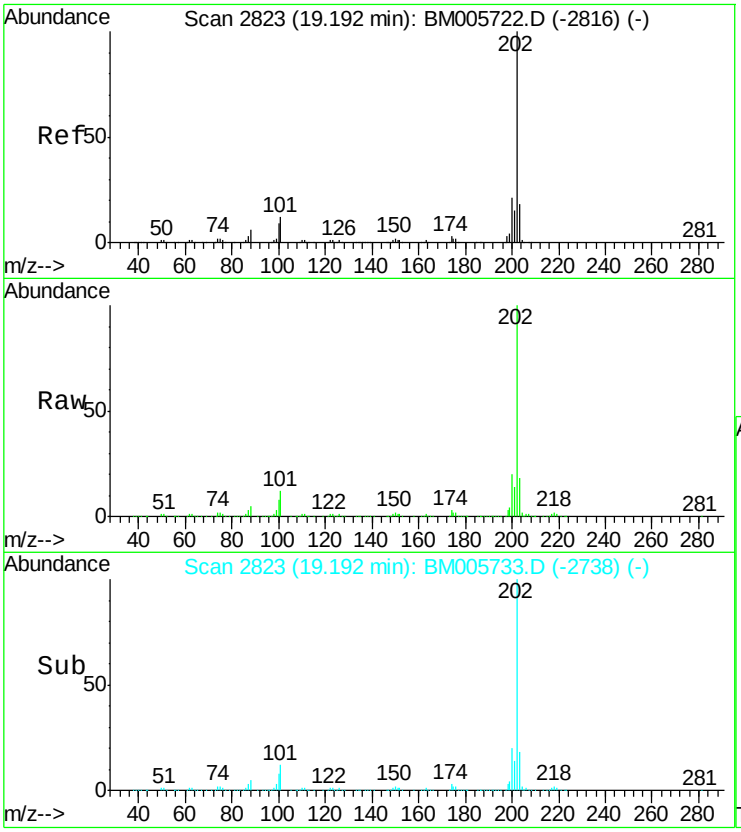


#27
Anthracene
Concen: 1.16 ng/ul
RT: 17.26 min Scan# 2495
Delta R.T. -0.01 min
Lab File: BM005733.D
Acq: 11 Jun 2016 22:38

Tgt Ion:178 Resp: 37847

Ion	Ratio	Lower	Upper
178	100		
179	17.5	12.1	18.1
176	20.1	15.0	22.6

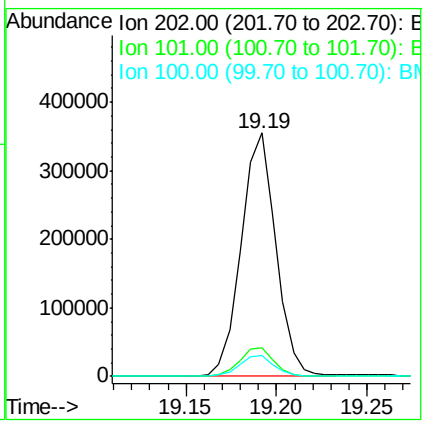




#28
Fluoranthene
Concen: 12.59 ng/ul
RT: 19.19 min Scan# 2823
Delta R.T. -0.00 min
Lab File: BM005733.D
Acq: 11 Jun 2016 22:38

Tgt Ion:202 Resp: 473918

Ion	Ratio	Lower	Upper
202	100		
101	11.8	9.4	14.2
100	8.4	6.9	10.3



Instrument :
BNA_M
ClientSampleId :
D9XR2

Manual Integrations APPROVED
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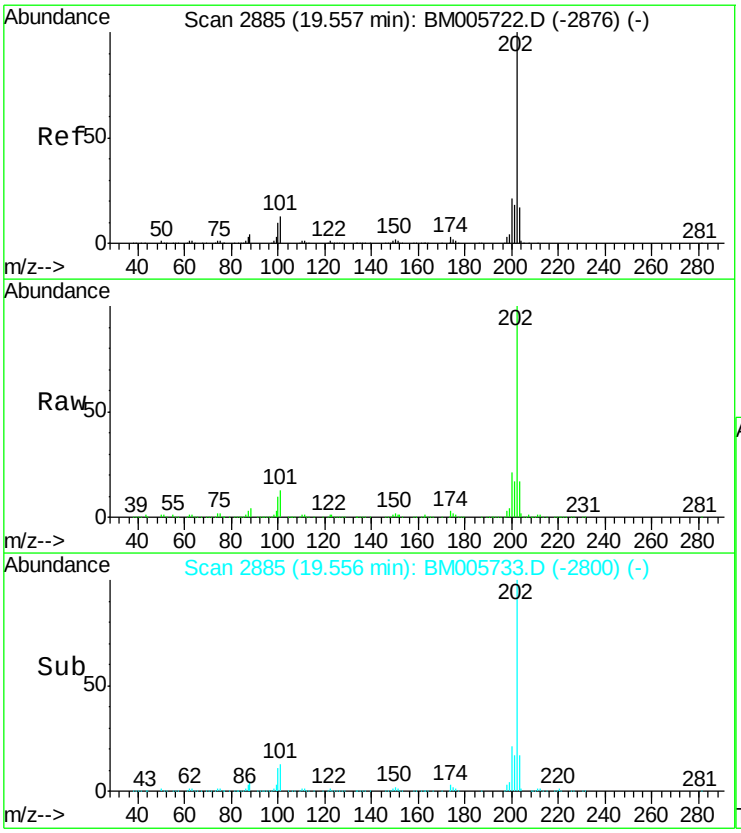
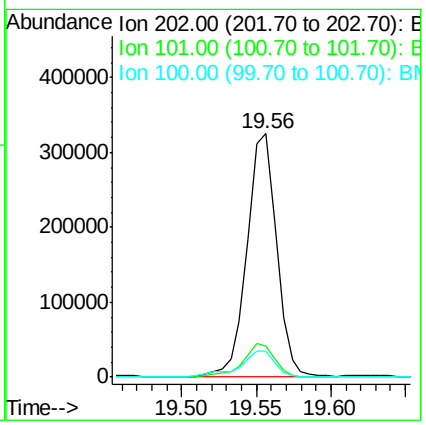
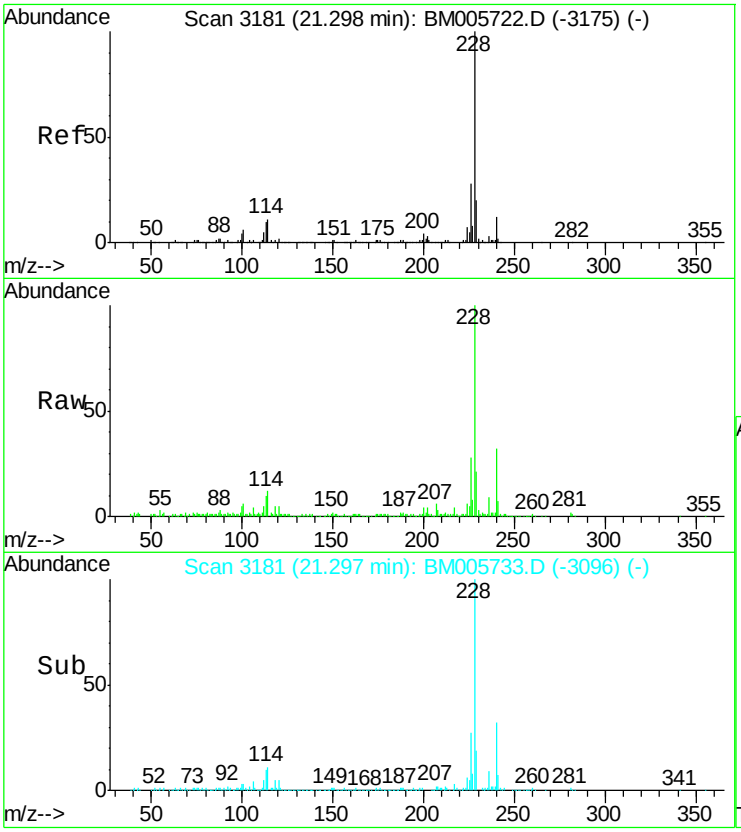


#31
Pyrene
Concen: 13.71 ng/ul
RT: 19.56 min Scan# 2885
Delta R.T. -0.00 min
Lab File: BM005733.D
Acq: 11 Jun 2016 22:38

Tgt Ion:202 Resp: 443702

Ion	Ratio	Lower	Upper
202	100		
101	13.0	10.6	15.8
100	10.5	8.4	12.6

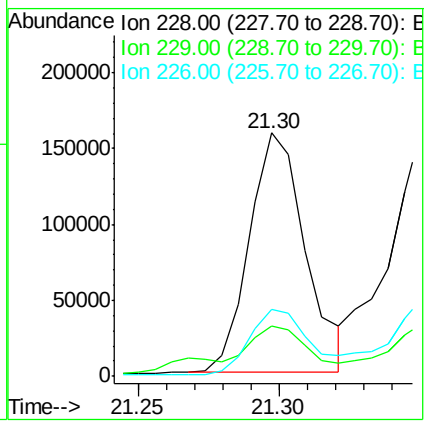




#32
Benzo(a)anthracene
Concen: 7.11 ng/ul
RT: 21.30 min Scan# 3181
Delta R.T. -0.00 min
Lab File: BM005733.D
Acq: 11 Jun 2016 22:38

Tgt Ion:228 Resp: 218352

Ion	Ratio	Lower	Upper
228	100		
229	20.6	16.1	24.1
226	27.8	22.1	33.1



Instrument :
BNA_M
ClientSampleId :
D9XR2

Manual Integrations APPROVED
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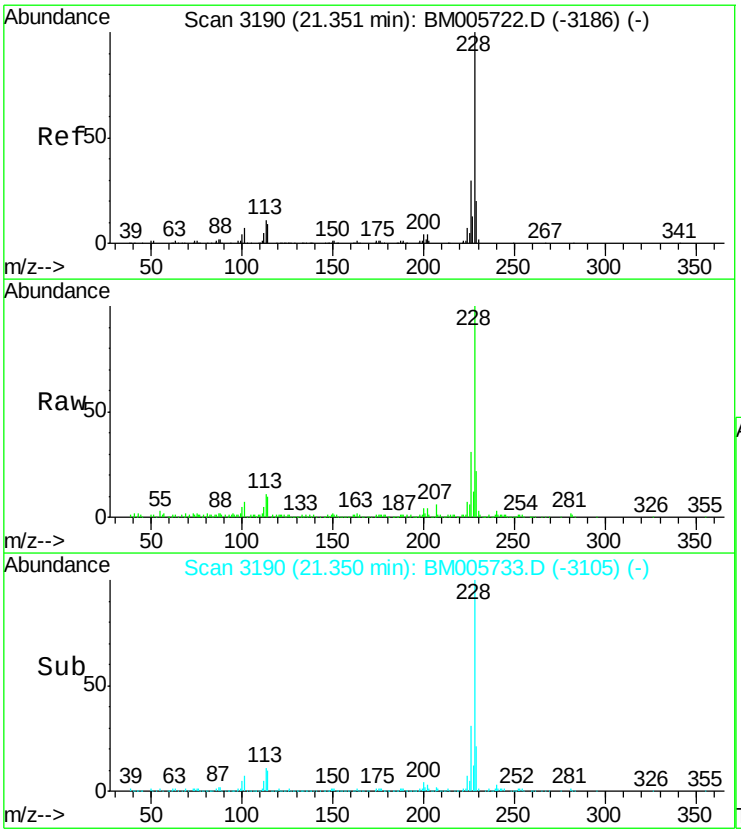
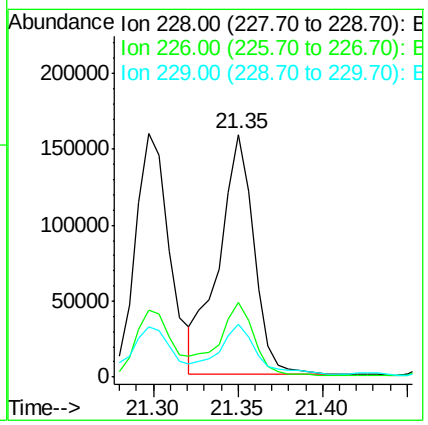
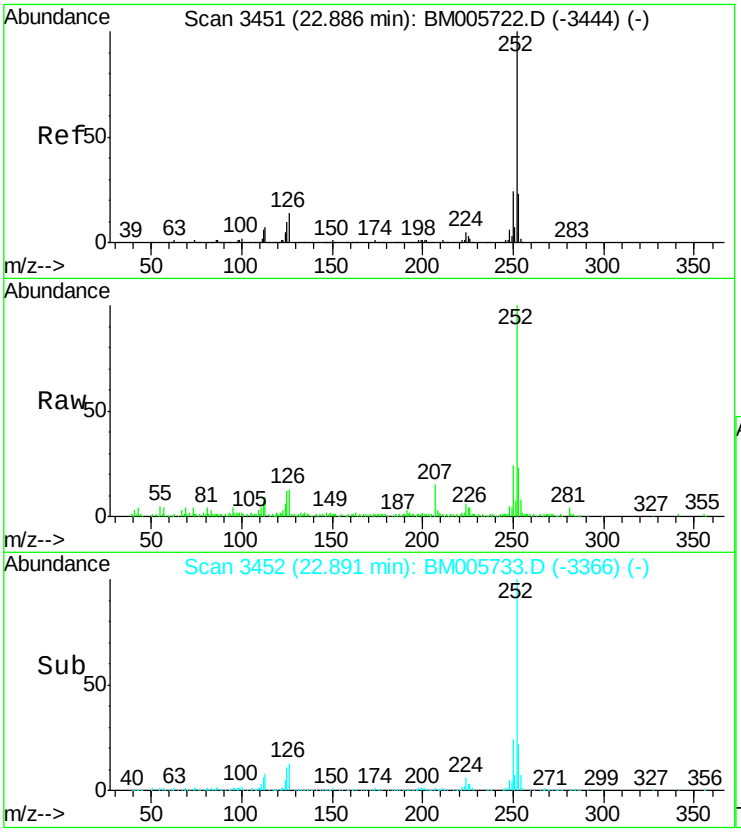


#33
Chrysene
Concen: 7.53 ng/ul
RT: 21.35 min Scan# 3190
Delta R.T. -0.00 min
Lab File: BM005733.D
Acq: 11 Jun 2016 22:38

Tgt Ion:228 Resp: 228269

Ion	Ratio	Lower	Upper
228	100		
226	30.8	24.2	36.2
229	21.7	15.8	23.8

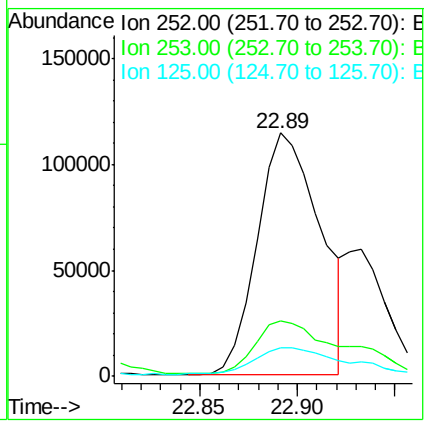




#35
Benzo(b)fluoranthene
Concen: 9.76 ng/ul
RT: 22.89 min Scan# 3452
Delta R.T. 0.01 min
Lab File: BM005733.D
Acq: 11 Jun 2016 22:38

Tgt Ion:252 Resp: 255475

Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.2	27.2
125	11.7	8.4	12.6



Instrument :
BNA_M
ClientSampleId :
D9XR2

Manual Integrations APPROVED
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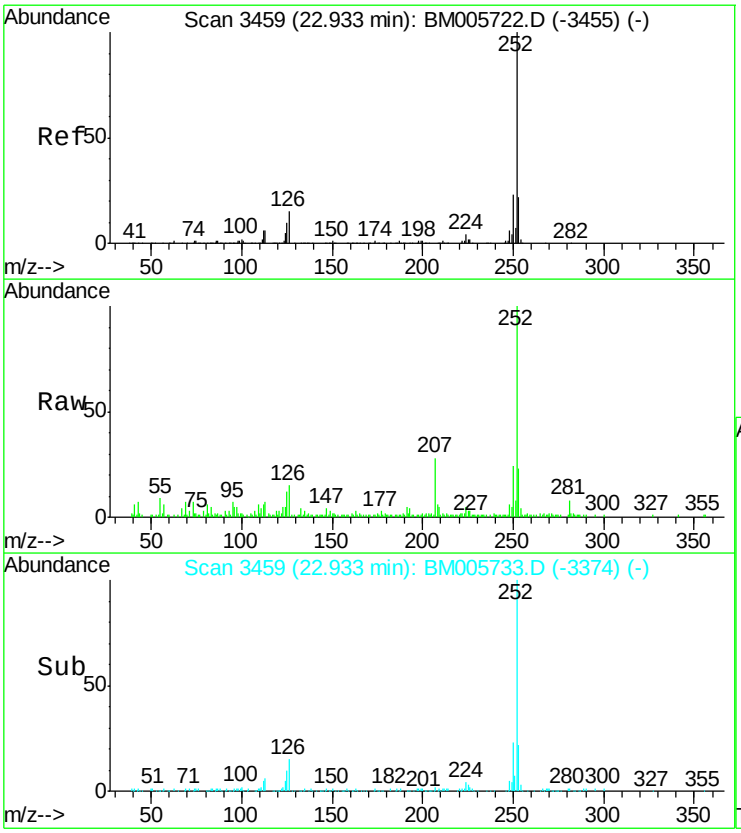
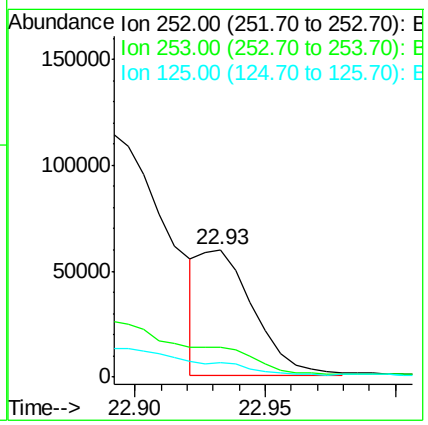
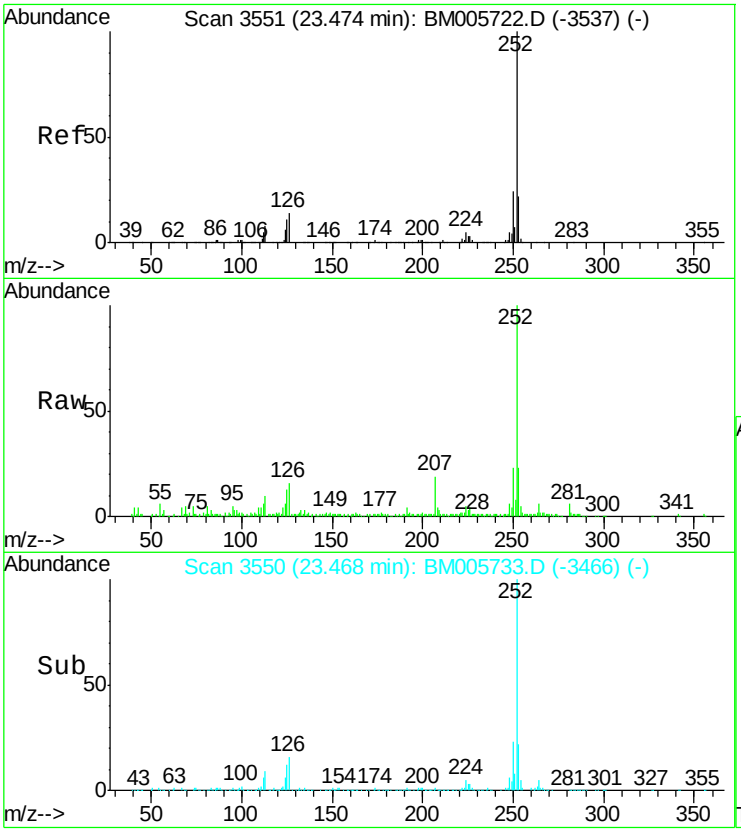


#36
Benzo(k)fluoranthene
Concen: 3.25 ng/ul m
RT: 22.93 min Scan# 3459
Delta R.T. -0.00 min
Lab File: BM005733.D
Acq: 11 Jun 2016 22:38

Tgt Ion:252 Resp: 86014

Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.5	26.3
125	11.5	8.2	12.2

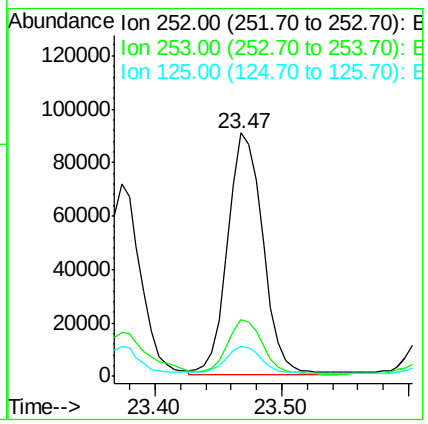




#38
Benzo(a)pyrene
Concen: 7.02 ng/ul
RT: 23.47 min Scan# 3550
Delta R.T. -0.01 min
Lab File: BM005733.D
Acq: 11 Jun 2016 22:38

Tgt Ion:252 Resp: 174425

Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.7	26.5
125	12.5	9.1	13.7



Instrument :
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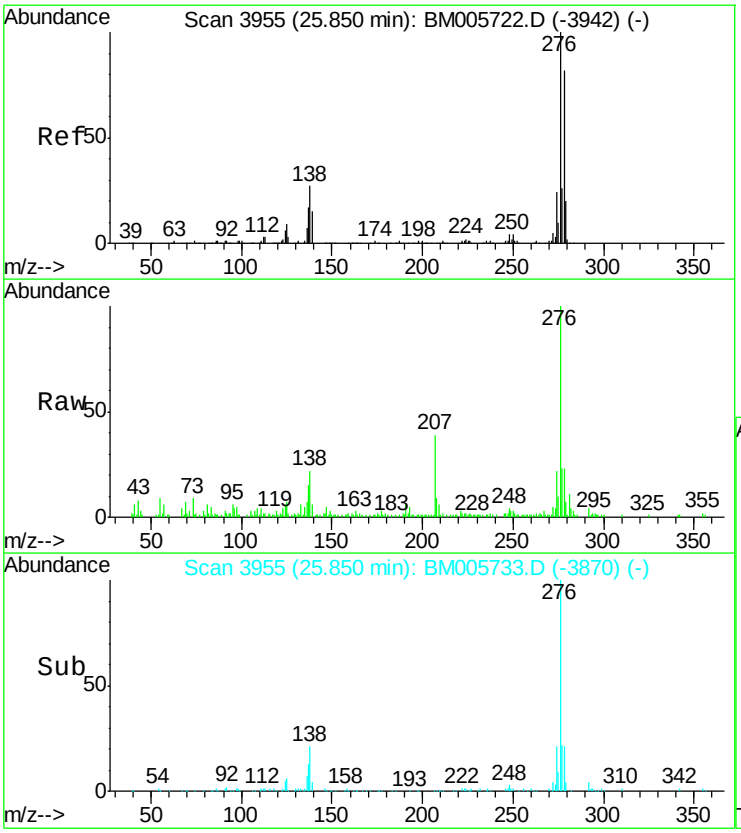
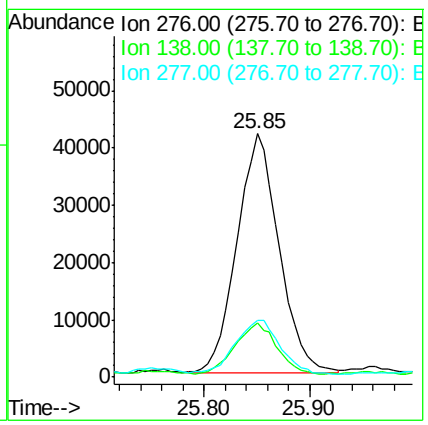
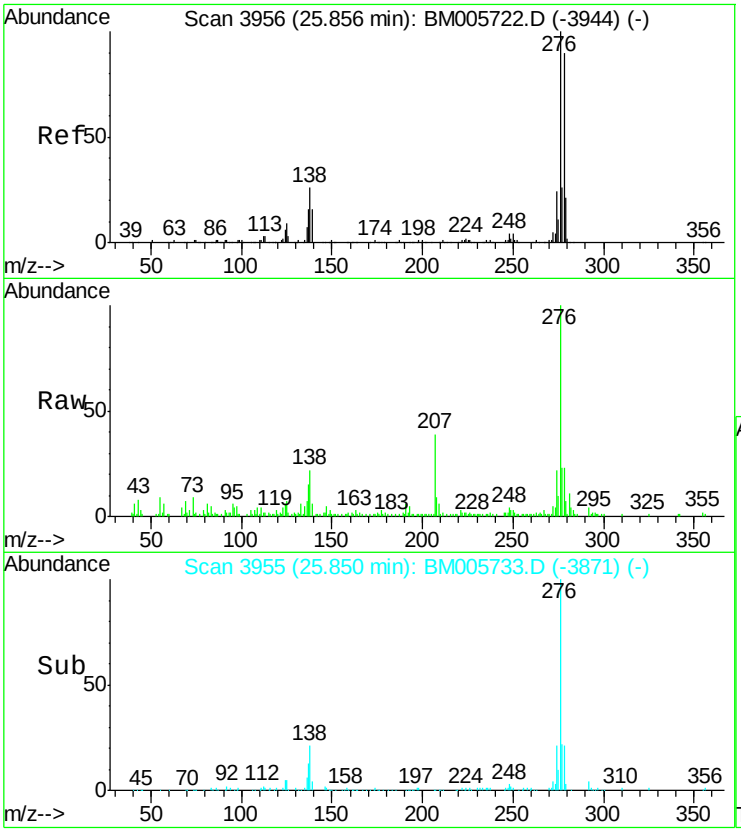


#39
Indeno(1,2,3-cd)pyrene
Concen: 4.74 ng/ul
RT: 25.85 min Scan# 3955
Delta R.T. -0.00 min
Lab File: BM005733.D
Acq: 11 Jun 2016 22:38

Tgt Ion:276 Resp: 114911

Ion	Ratio	Lower	Upper
276	100		
138	22.2	21.4	32.2
277	23.2	20.5	30.7

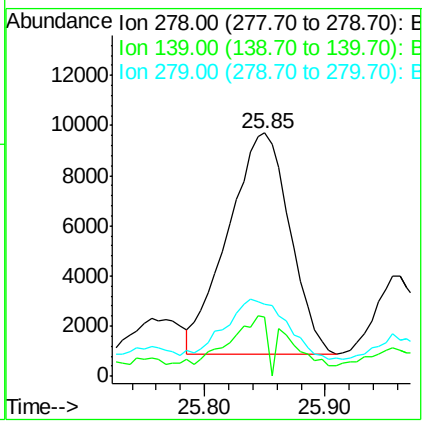




#40
Dibenzo(a,h)anthracene
Concen: 1.54 ng/ul
RT: 25.85 min Scan# 3955
Delta R.T. -0.01 min
Lab File: BM005733.D
Acq: 11 Jun 2016 22:38

Tgt Ion:278 Resp: 31219

Ion	Ratio	Lower	Upper
278	100		
139	24.4	14.2	21.4#
279	29.6	18.8	28.2#



Instrument :
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ClientSampleId :
D9XR2

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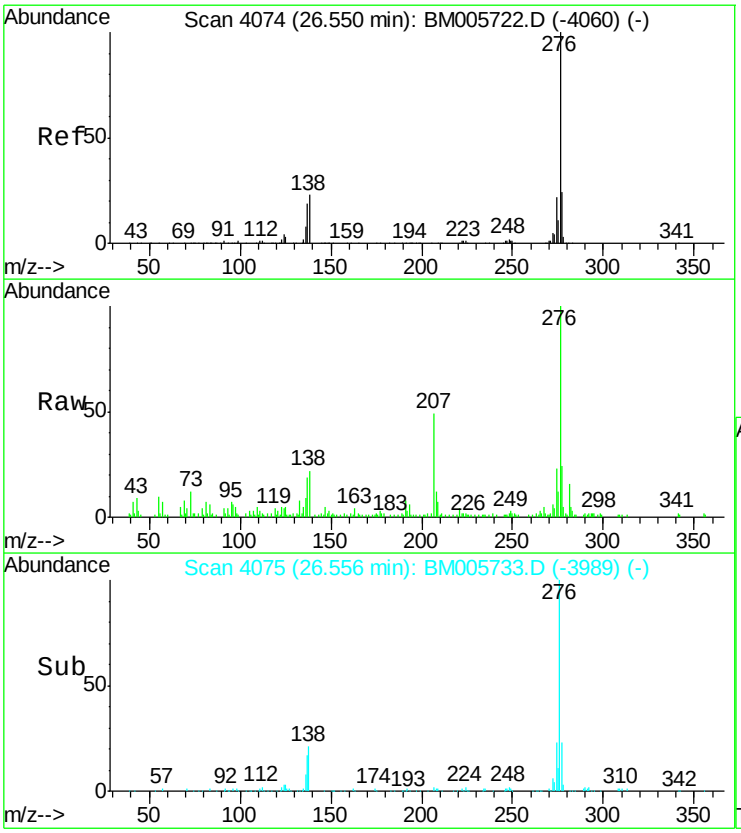

#41
Benzo(g,h,i)perylene
Concen: 5.36 ng/ul
RT: 26.56 min Scan# 4075
Delta R.T. 0.01 min
Lab File: BM005733.D
Acq: 11 Jun 2016 22:38

Tgt Ion:276 Resp: 108782

Ion	Ratio	Lower	Upper
276	100		
138	22.1	18.2	27.4
277	24.5	19.5	29.3