Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061116\
Data File : BM005737.D
Acq On : 12 Jun 2016 01:02
Operator : UM/SJ
Sample : H3411-25MSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
D9XR2MSD

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Quant Time: Jun 12 02:22:59 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	101466	20.00	ng/ul	0.00
7) Naphthalene-d8	10.53	136	532136	20.00	ng/ul	0.00
15) Acenaphthene-d10	14.39	164	336593	20.00	ng/ul	0.00
23) Phenanthrene-d10	17.13	188	742629	20.00	ng/ul	0.00
29) Chrysene-d12	21.32	240	628614	20.00	ng/ul	0.00
34) Perylene-d12	23.57	264	526348	20.00	ng/ul	0.00
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.19	96	1766	0.75	ng/uL	0.00
3) Phenol-d5	6.93	99	73063	8.34	ng/ul	0.00
4) Bis-(2-Chloroethyl)ether-d	7.08	67	54624	10.38	ng/ul	0.00
5) 2-Chlorophenol-d4	7.28	132	68296	9.65	ng/ul	0.00
6) 4-Methylphenol-d8	8.46	113	34076	4.61	ng/ul	0.00
8) Nitrobenzene-d5	8.90	128	34729	9.06	ng/ul	0.00
9) 2-Nitrophenol-d4	9.62	143	41835	9.65	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	10.17	165	75442	9.59	ng/ul	0.00
12) 4-Chloroaniline-d4	10.68	131	56967	6.00	ng/ul	0.00
16) Dimethylphthalate-d6	13.80	166	286738	10.33	ng/ul	0.00
17) Acenaphthylene-d8	14.08	160	374068	11.01	ng/ul	0.00
20) 4-Nitrophenol-d4	14.63	143	24232	5.97	ng/ul	0.00
21) Fluorene-d10	15.38	176	261074	11.11	ng/ul	0.00
24) 4,6-Dinitro-2-methylphenol	15.52	200	22438	5.84	ng/ul	0.00
26) Anthracene-d10	17.23	188	394914	11.29	ng/ul	0.00
30) Pyrene-d10	19.53	212	439829	14.56	ng/ul	0.00
37) Benzo(a)pyrene-d12	23.43	264	285087	11.88	ng/ul	0.00
Target Compounds						Qvalue
19) Acenaphthene	14.45	153	271128	11.98	ng/ul	98
25) Phenanthrene	17.17	178	123111	3.03	ng/ul	100
28) Fluoranthene	19.19	202	297860	6.24	ng/ul	98
31) Pyrene	19.56	202	865782	22.63	ng/ul	100
32) Benzo(a)anthracene	21.30	228	130368	3.59	ng/ul	99
33) Chrysene	21.35	228	131370	3.67	ng/ul	97
35) Benzo(b)fluoranthene	22.89	252	154025	4.93	ng/ul	98
36) Benzo(k)fluoranthene	22.93	252	48368m	1.53	ng/ul	
38) Benzo(a)pyrene	23.47	252	102148	3.44	ng/ul	99
39) Indeno(1,2,3-cd)pyrene	25.84	276	72287	2.49	ng/ul	95
41) Benzo(g,h,i)perylene	26.54	276	74700	3.08	ng/ul	97

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

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Acq On : 12 Jun 2016 01:02
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Instrument :
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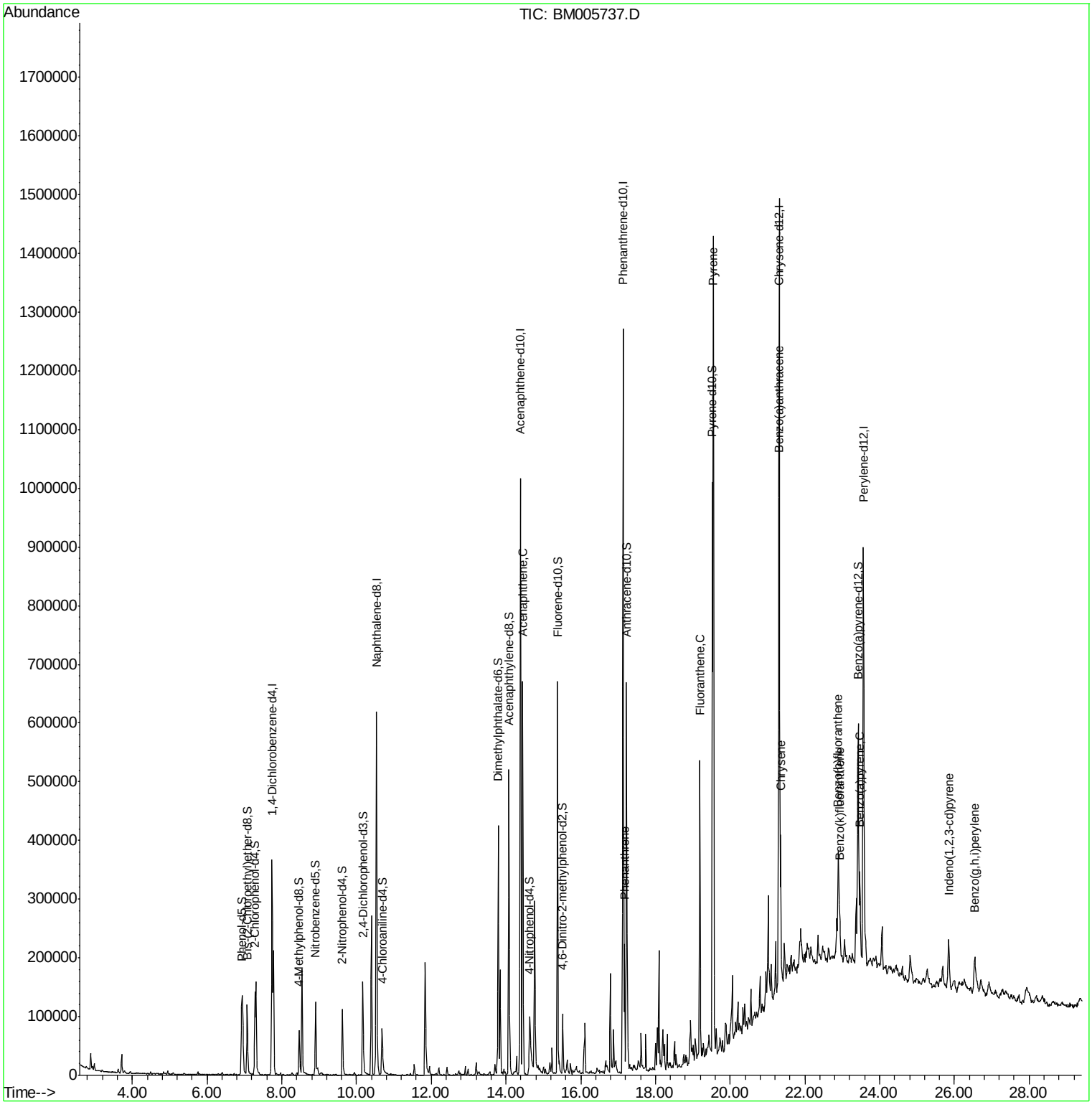
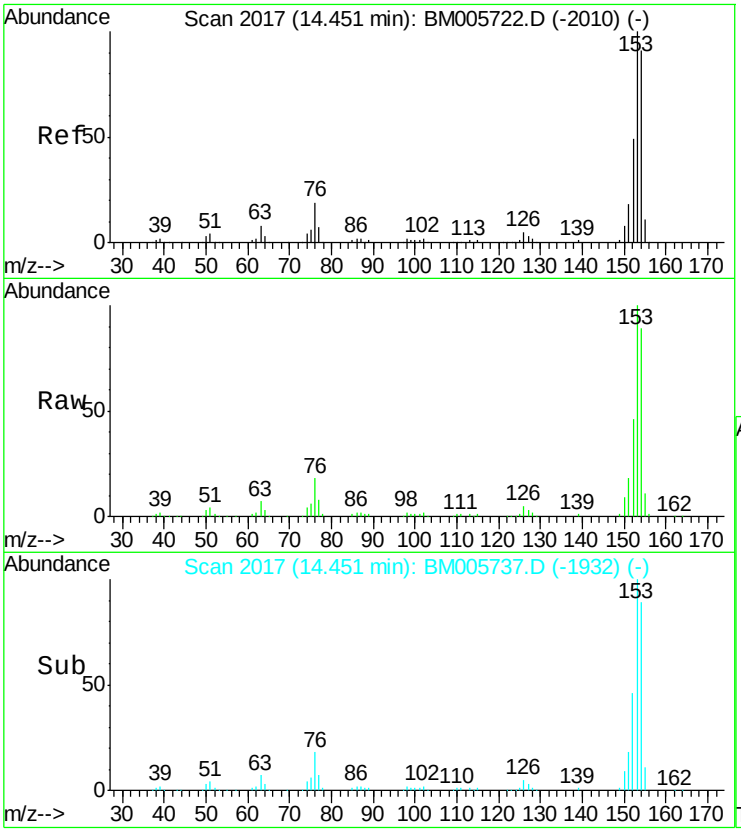
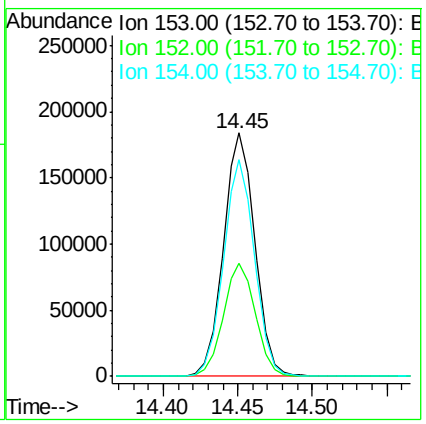




#19
Acenaphthene
Concen: 11.98 ng/ul
RT: 14.45 min Scan# 2017
Delta R.T. 0.00 min
Lab File: BM005737.D
Acq: 12 Jun 2016 01:02

Tgt Ion:153 Resp: 271128

Ion	Ratio	Lower	Upper
153	100		
152	46.5	38.8	58.2
154	89.2	72.5	108.7



Instrument :
BNA_M
ClientSampleId :
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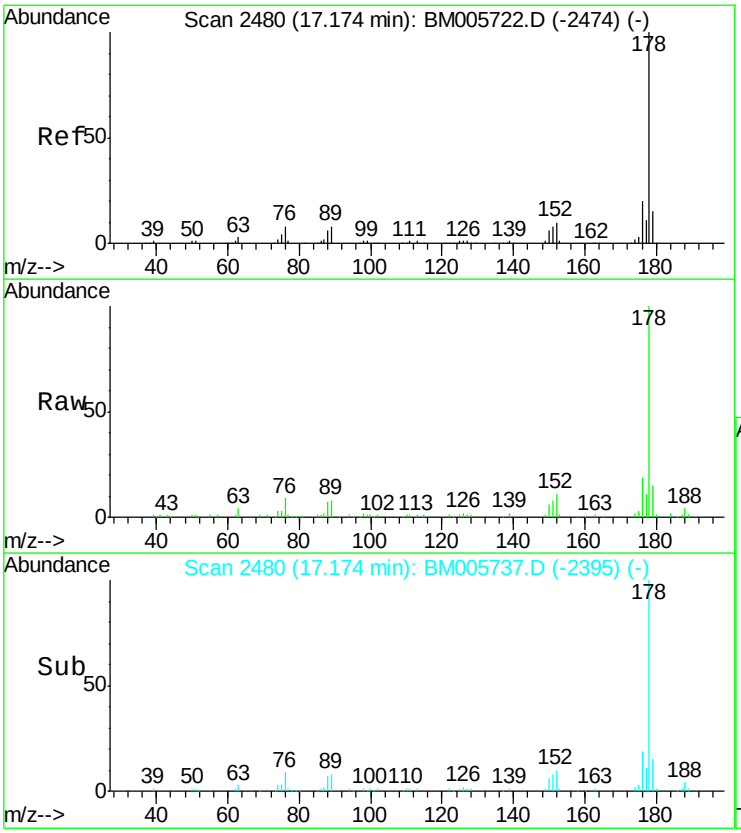
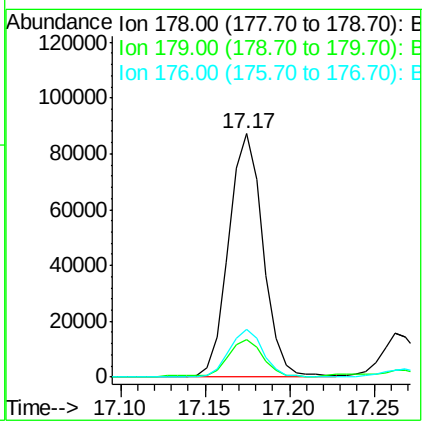
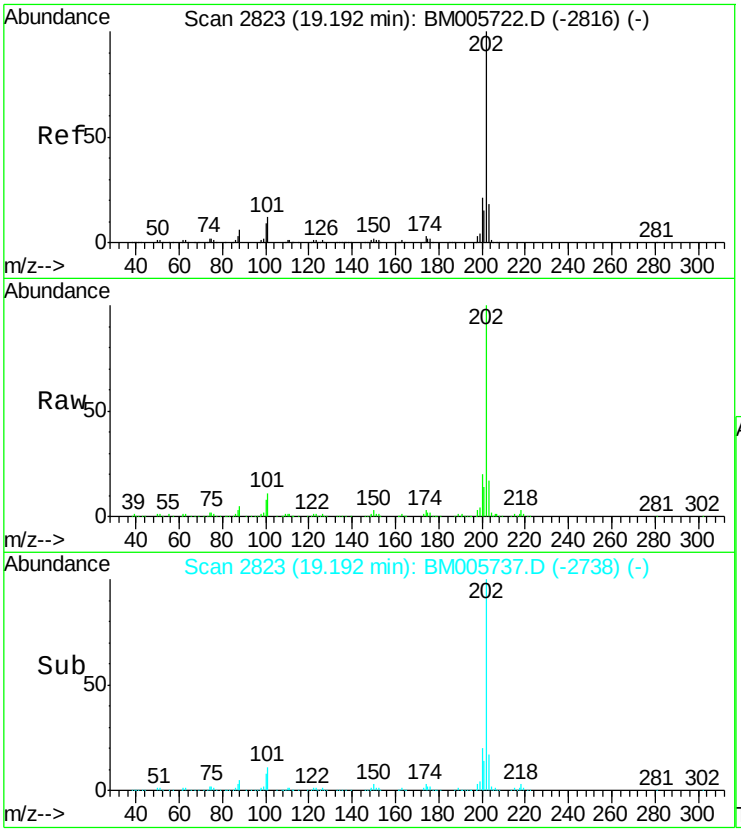


#25
Phenanthrene
Concen: 3.03 ng/ul
RT: 17.17 min Scan# 2480
Delta R.T. 0.00 min
Lab File: BM005737.D
Acq: 12 Jun 2016 01:02

Tgt Ion:178 Resp: 123111

Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.4	18.6
176	19.5	15.8	23.6

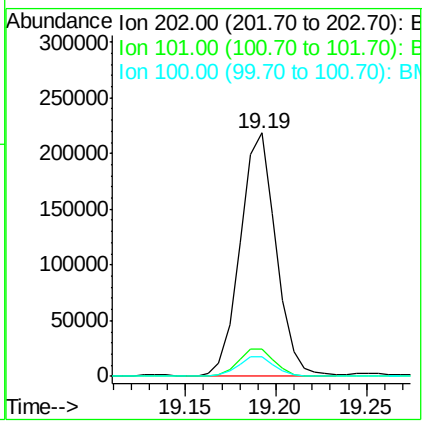




#28
Fluoranthene
Concen: 6.24 ng/ul
RT: 19.19 min Scan# 2823
Delta R.T. 0.00 min
Lab File: BM005737.D
Acq: 12 Jun 2016 01:02

Tgt Ion:202 Resp: 297860

Ion	Ratio	Lower	Upper
202	100		
101	11.0	9.4	14.2
100	8.1	6.9	10.3



Instrument :
BNA_M
ClientSampleId :
D9XR2MSD

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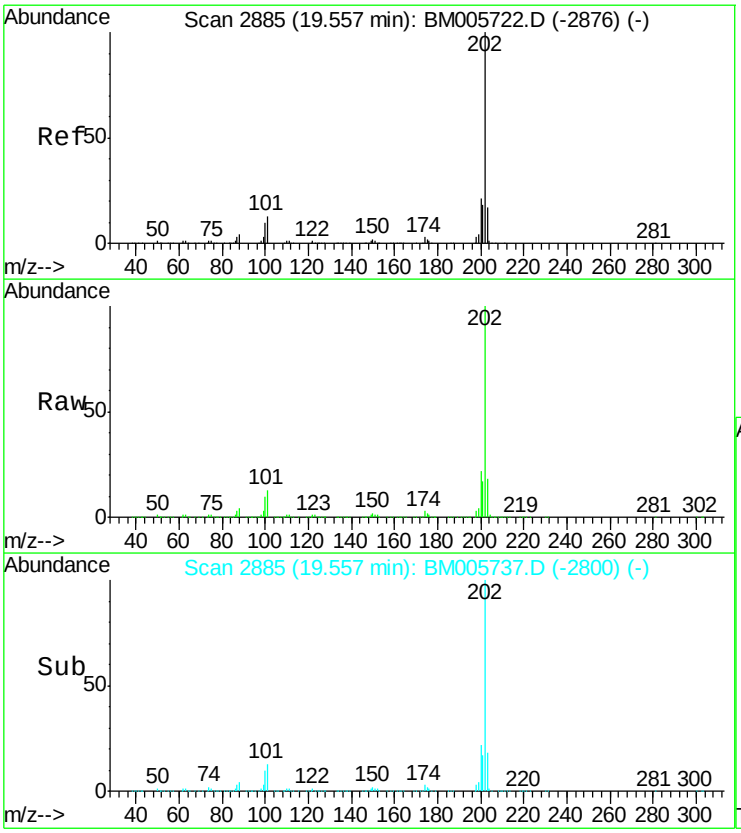
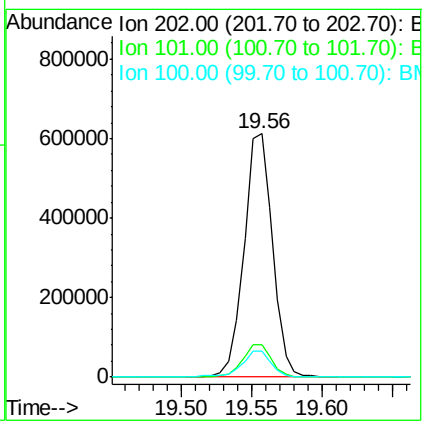
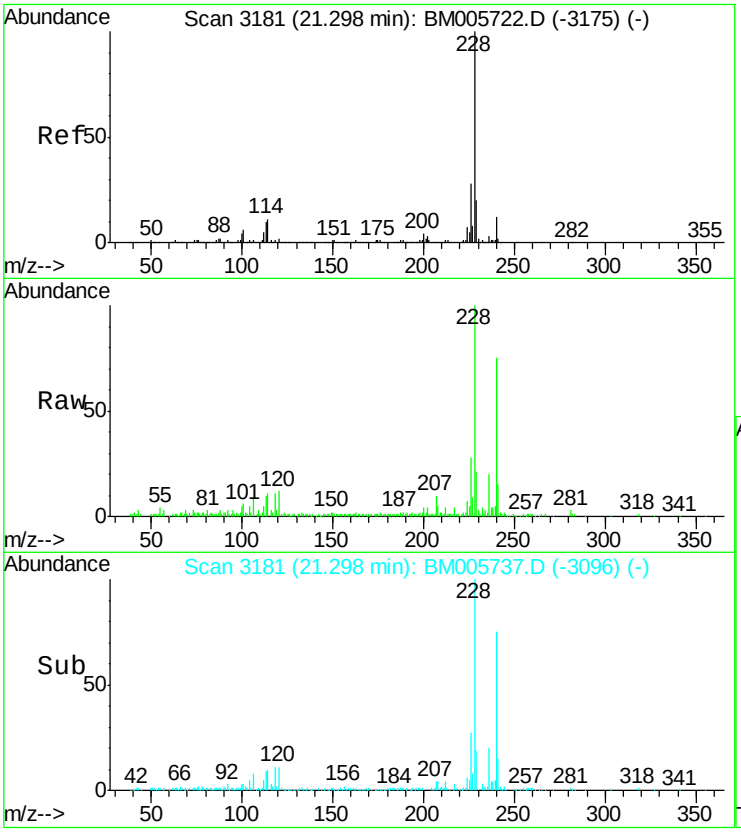


#31
Pyrene
Concen: 22.63 ng/ul
RT: 19.56 min Scan# 2885
Delta R.T. 0.00 min
Lab File: BM005737.D
Acq: 12 Jun 2016 01:02

Tgt Ion:202 Resp: 865782

Ion	Ratio	Lower	Upper
202	100		
101	13.2	10.6	15.8
100	10.5	8.4	12.6

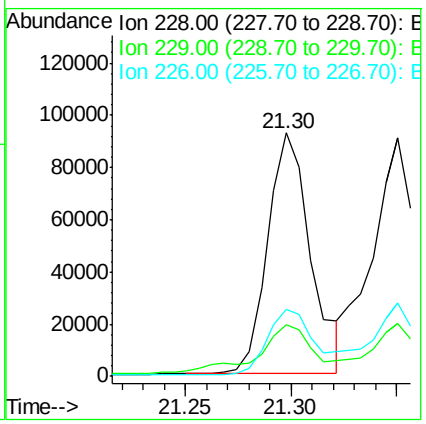




#32
Benzo(a)anthracene
Concen: 3.59 ng/ul
RT: 21.30 min Scan# 3181
Delta R.T. 0.00 min
Lab File: BM005737.D
Acq: 12 Jun 2016 01:02

Tgt Ion:228 Resp: 130368

Ion	Ratio	Lower	Upper
228	100		
229	21.2	16.1	24.1
226	27.6	22.1	33.1



Instrument :
BNA_M
ClientSampleId :
D9XR2MSD

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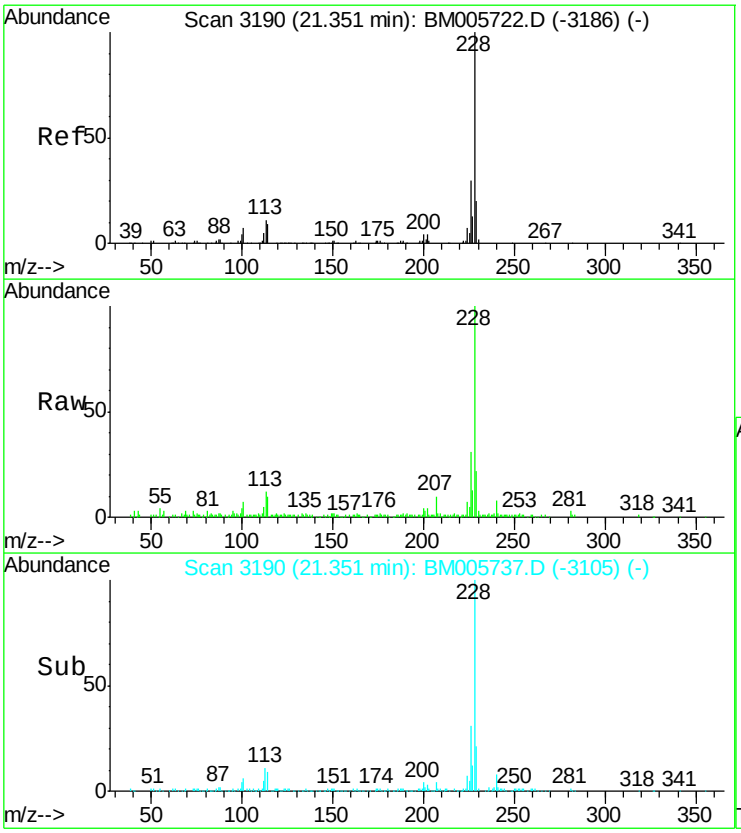
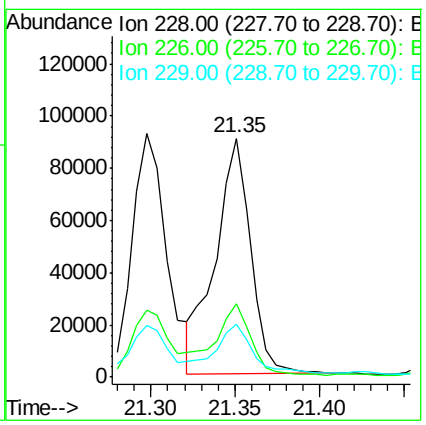
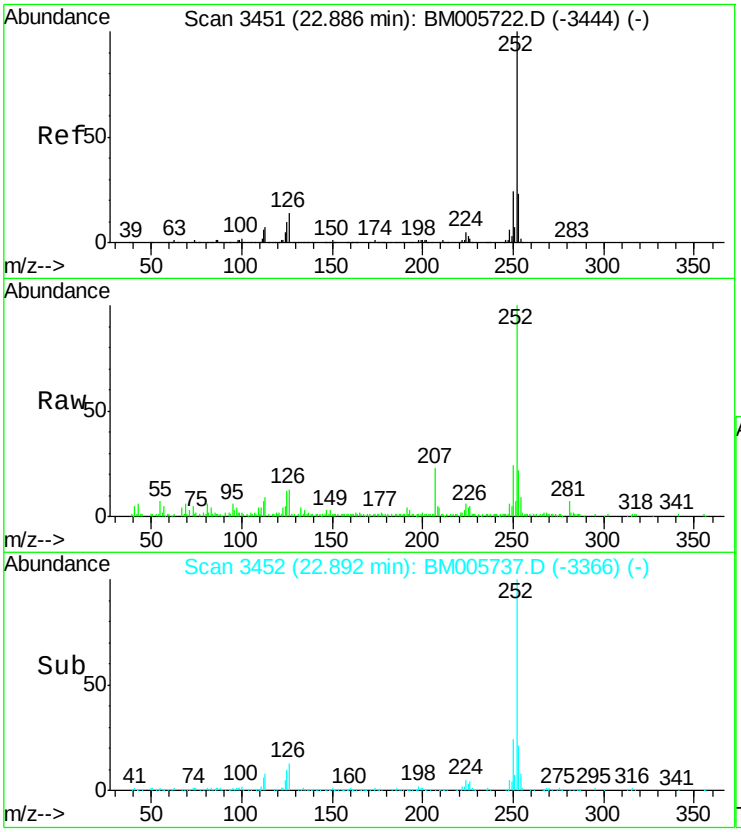


#33
Chrysene
Concen: 3.67 ng/ul
RT: 21.35 min Scan# 3190
Delta R.T. 0.00 min
Lab File: BM005737.D
Acq: 12 Jun 2016 01:02

Tgt Ion:228 Resp: 131370

Ion	Ratio	Lower	Upper
228	100		
226	30.9	24.2	36.2
229	21.9	15.8	23.8

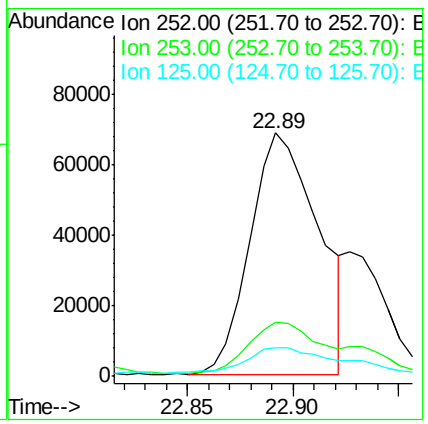




#35
Benzo(b)fluoranthene
Concen: 4.93 ng/ul
RT: 22.89 min Scan# 3452
Delta R.T. 0.01 min
Lab File: BM005737.D
Acq: 12 Jun 2016 01:02

Tgt Ion:252 Resp: 154025

Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.2	27.2
125	11.8	8.4	12.6



Instrument :
BNA_M
ClientSampleId :
D9XR2MSD

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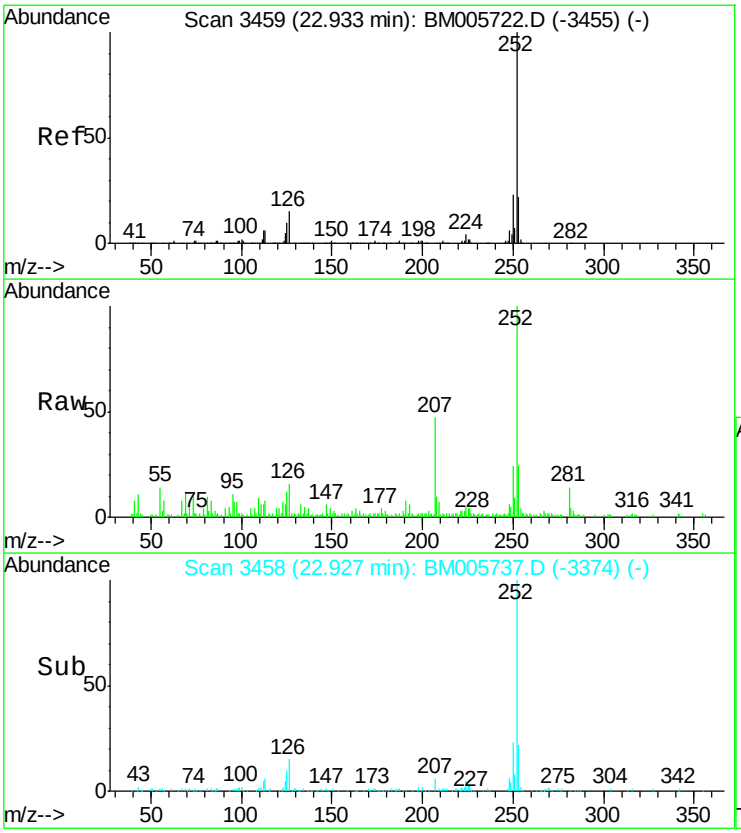
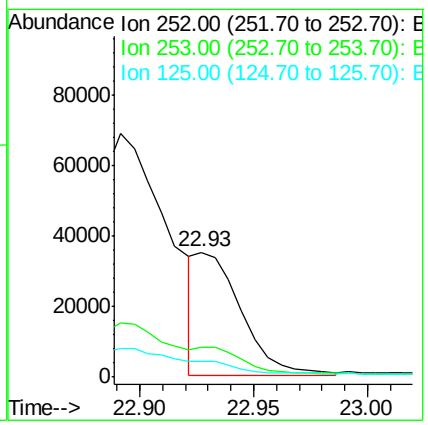
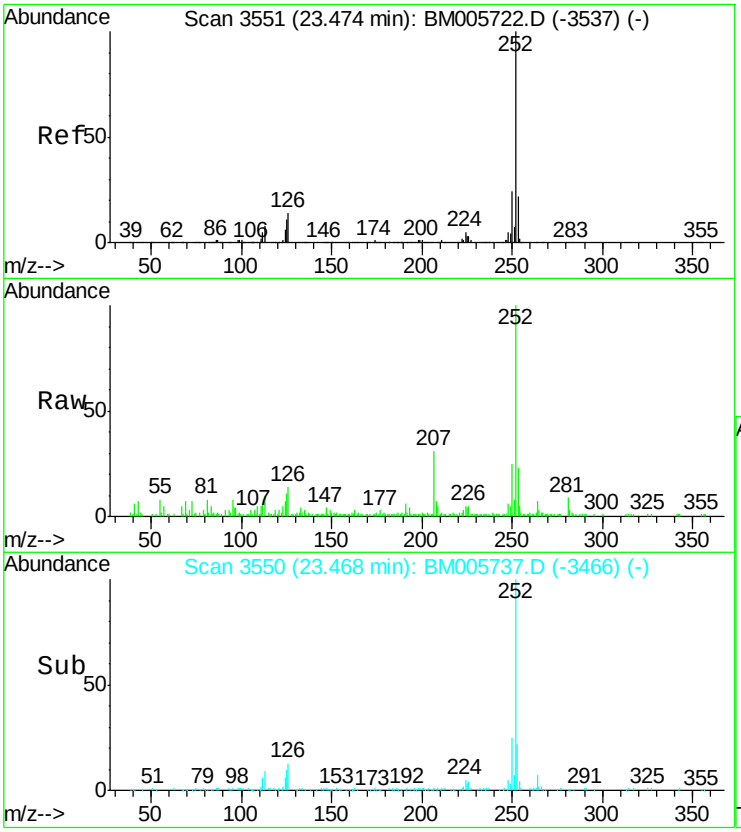


#36
Benzo(k)fluoranthene
Concen: 1.53 ng/ul m
RT: 22.93 min Scan# 3458
Delta R.T. -0.01 min
Lab File: BM005737.D
Acq: 12 Jun 2016 01:02

Tgt Ion:252 Resp: 48368

Ion	Ratio	Lower	Upper
252	100		
253	23.7	17.5	26.3
125	12.5	8.2	12.2#

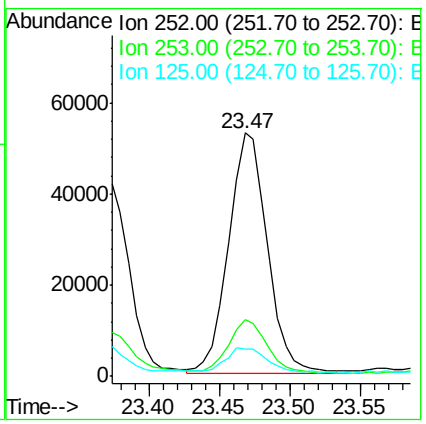




#38
Benzo(a)pyrene
Concen: 3.44 ng/ul
RT: 23.47 min Scan# 3550
Delta R.T. -0.01 min
Lab File: BM005737.D
Acq: 12 Jun 2016 01:02

Tgt Ion:252 Resp: 102148

Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.7	26.5
125	11.5	9.1	13.7



Instrument :
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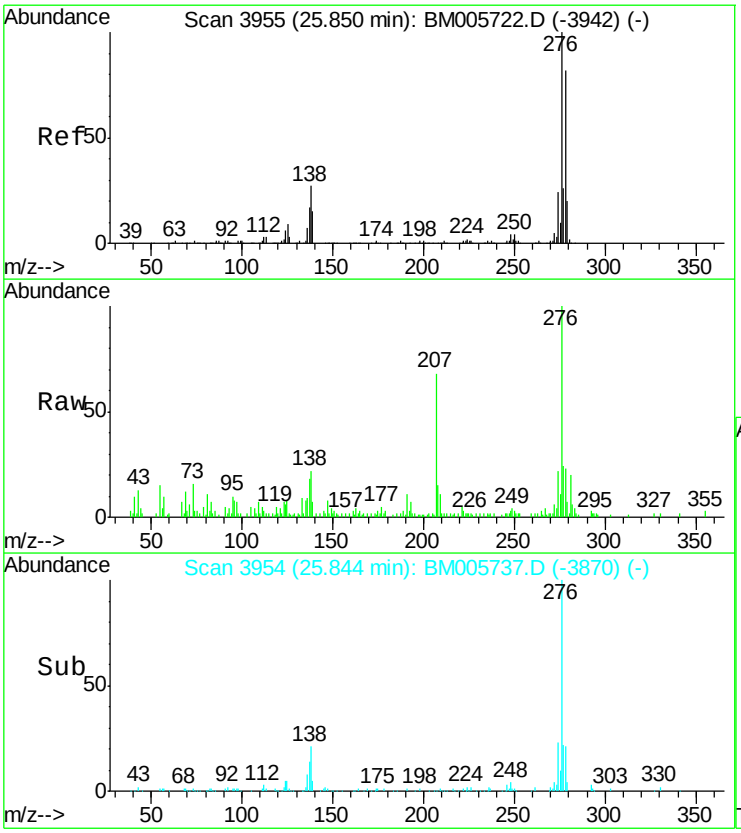
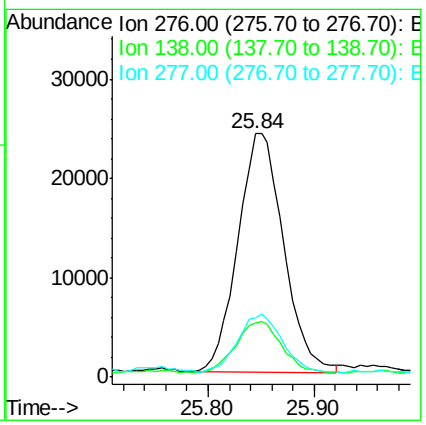
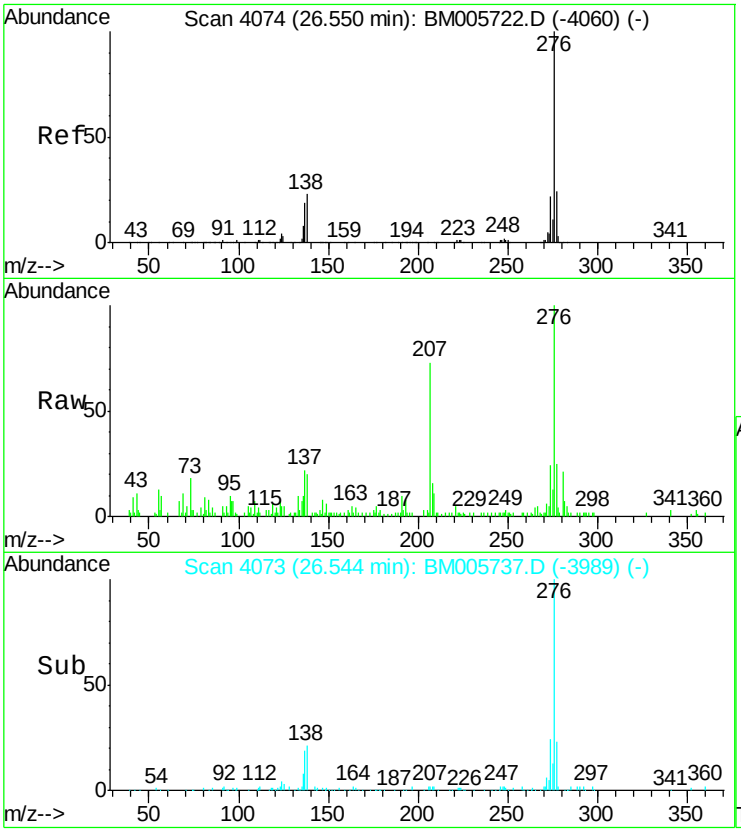


#39
Indeno(1,2,3-cd)pyrene
Concen: 2.49 ng/ul
RT: 25.84 min Scan# 3954
Delta R.T. -0.01 min
Lab File: BM005737.D
Acq: 12 Jun 2016 01:02

Tgt Ion:276 Resp: 72287

Ion	Ratio	Lower	Upper
276	100		
138	22.4	21.4	32.2
277	24.5	20.5	30.7

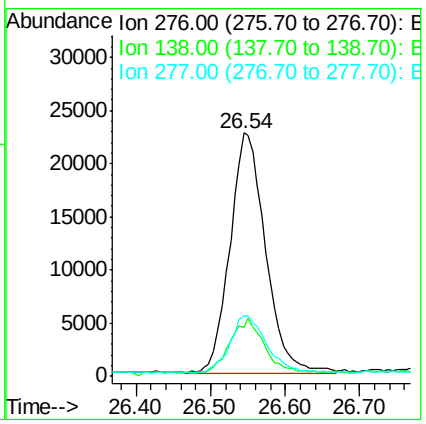




#41
Benzo(g,h,i)perylene
Concen: 3.08 ng/ul
RT: 26.54 min Scan# 4073
Delta R.T. -0.01 min
Lab File: BM005737.D
Acq: 12 Jun 2016 01:02

Tgt Ion:276 Resp: 74700

Ion	Ratio	Lower	Upper
276	100		
138	20.4	18.2	27.4
277	24.9	19.5	29.3



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