Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062519\
Data File : BM021189.D
Acq On : 26 Jun 2019 13:27
Operator : HP/JU
Sample : K3501-05
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C5AC5

Manual Integrations APPROVED
mohammad
6/27/2019 8:17:43 AM

Quant Time: Jun 26 14:07:33 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jun 26 01:32:57 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	226070	20.00	ng/ul	0.00
18) Naphthalene-d8	10.55	136	988554	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.40	164	620529	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.16	188	1407908	20.00	ng/ul	0.00
77) Chrysene-d12	21.34	240	1024855	20.00	ng/ul	0.00
85) Perylene-d12	23.61	264	1100939	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.28	96	22897	4.81	ng/uL	0.00
5) Phenol-d5	6.93	99	560896	28.50	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.11	67	329707	28.12	ng/ul	0.00
9) 2-Chlorophenol-d4	7.30	132	474276	29.66	ng/ul	0.00
13) 4-Methylphenol-d8	8.47	113	489096	29.78	ng/ul	0.00
19) Nitrobenzene-d5	8.93	128	244721	30.49	ng/ul	0.00
22) 2-Nitrophenol-d4	9.65	143	278599	31.27	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.17	165	588500	32.48	ng/ul	0.00
29) 4-Chloroaniline-d4	10.70	131	595097	31.49	ng/ul	0.00
43) Dimethylphthalate-d6	13.82	166	1851895	33.03	ng/ul	0.00
46) Acenaphthylene-d8	14.10	160	2174887	31.69	ng/ul	0.00
51) 4-Nitrophenol-d4	14.62	143	198628	21.78	ng/ul	0.00
57) Fluorene-d10	15.40	176	1656728	33.97	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.53	200	222668	25.73	ng/ul	0.00
70) Anthracene-d10	17.26	188	2450495	33.49	ng/ul	0.00
78) Pyrene-d10	19.55	212	2318147	37.69	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.47	264	2103120	32.38	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	6.96	94	27758	1.491	ng/ul	93
44) Dimethylphthalate	13.87	163	531197	10.407	ng/ul	99
69) Phenanthrene	17.20	178	91786	1.179	ng/ul	99
76) Fluoranthene	19.21	202	227859	2.708	ng/ul	98
79) Pyrene	19.58	202	181373	2.503	ng/ul	99
82) Benzo(a)anthracene	21.32	228	91727	1.313	ng/ul	98
84) Chrysene	21.37	228	95640m	1.462	ng/ul	
87) Benzo(b)fluoranthene	22.93	252	118264	1.696	ng/ul#	91
90) Benzo(a)pyrene	23.51	252	78929	1.202	ng/ul#	90

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

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Instrument :
BNA_M
ClientSampleId :
C5AC5

Manual Integrations APPROVED
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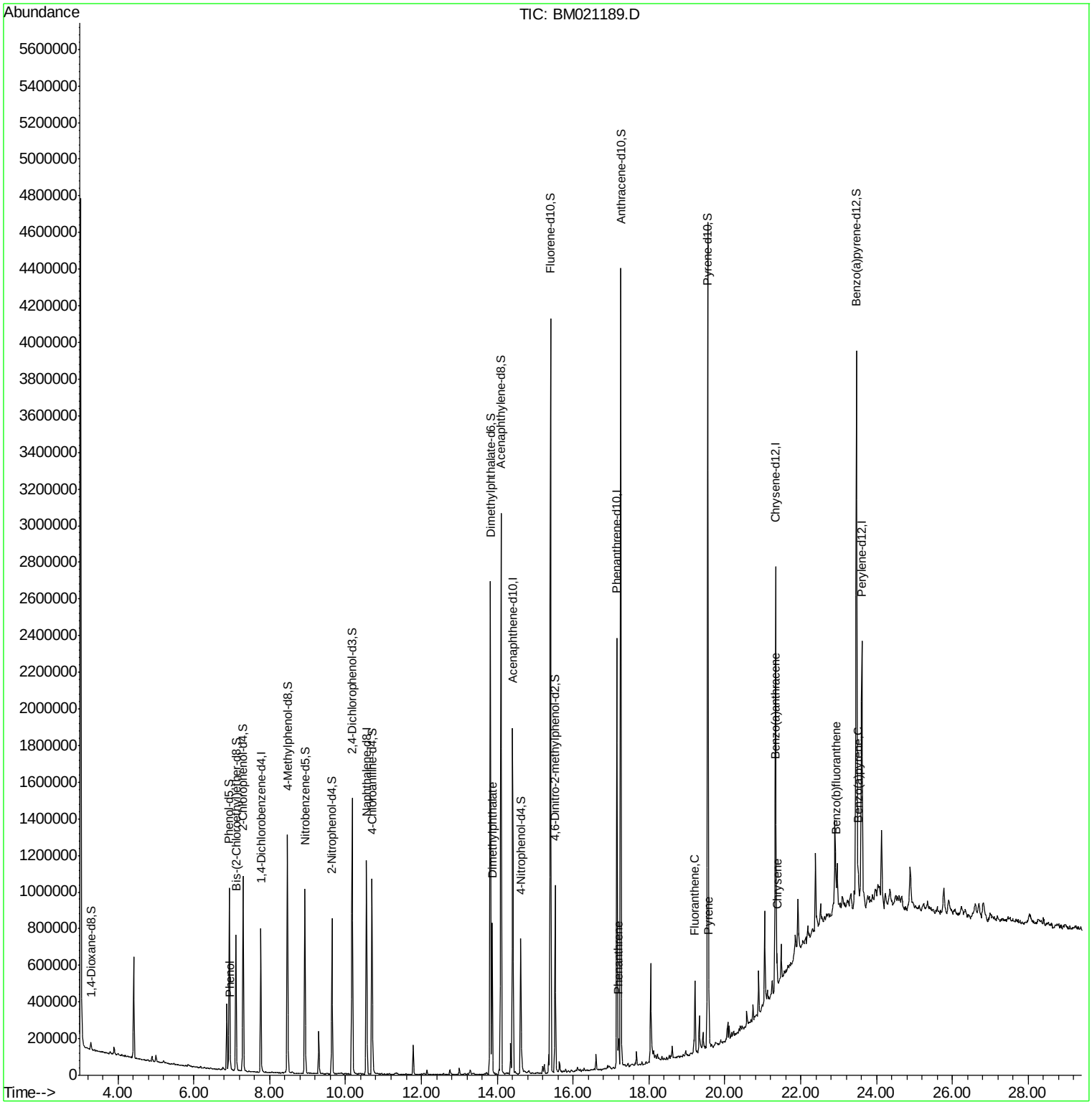
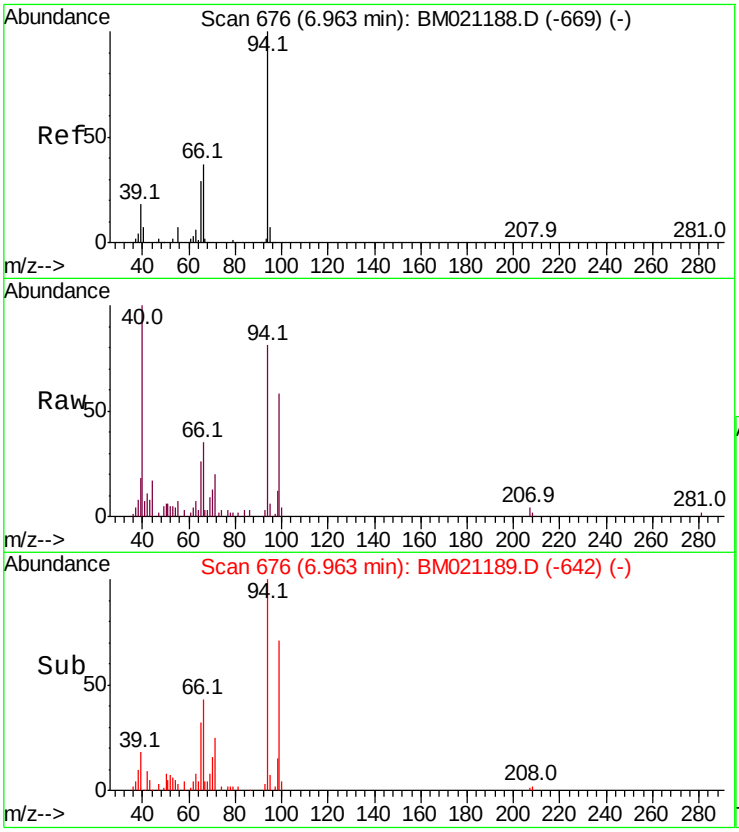
6/27/2019 8:17:43 AM

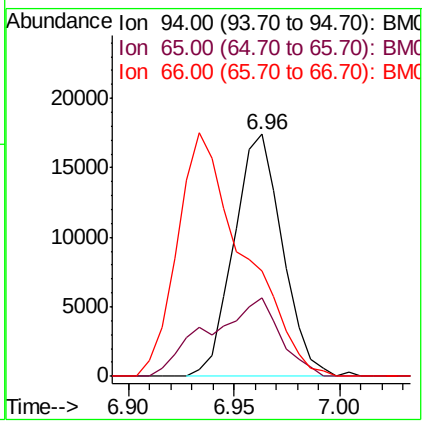




#6
Phenol
Concen: 1.491 ng/ul
RT: 6.96 min Scan# 676
Delta R.T. -0.00 min
Lab File: BM021189.D
Acq: 26 Jun 2019 13:27

Tgt Ion: 94 Resp: 27758

Ion	Ratio	Lower	Upper
94	100		
65	32.2	22.6	34.0
66	43.4	31.2	46.8



Instrument :
BNA_M
ClientSampleId :
C5AC5

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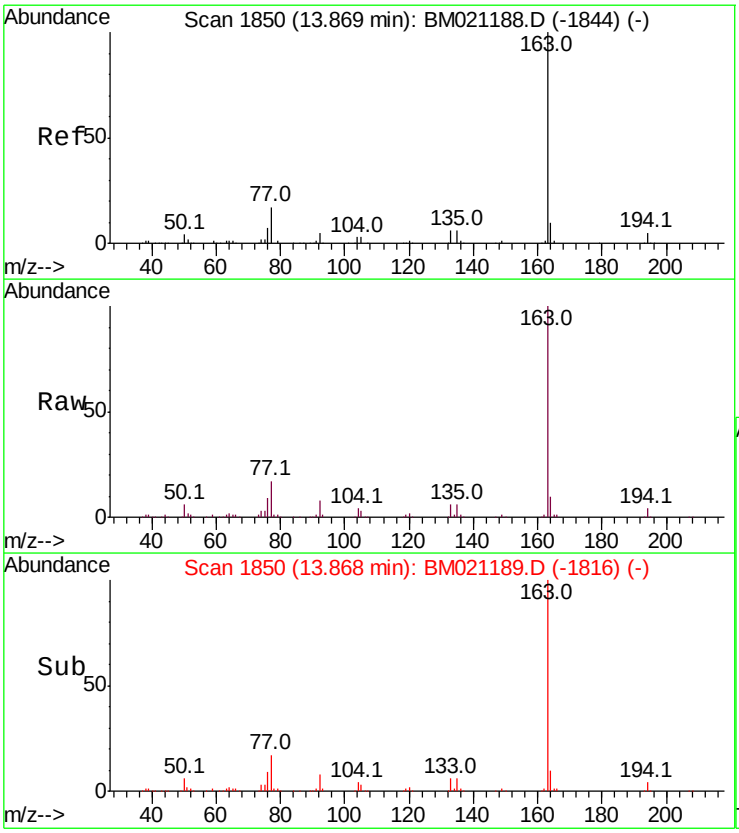
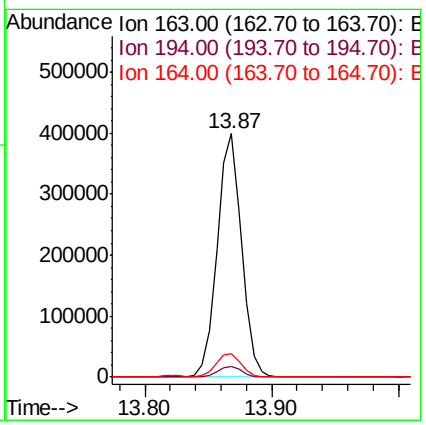
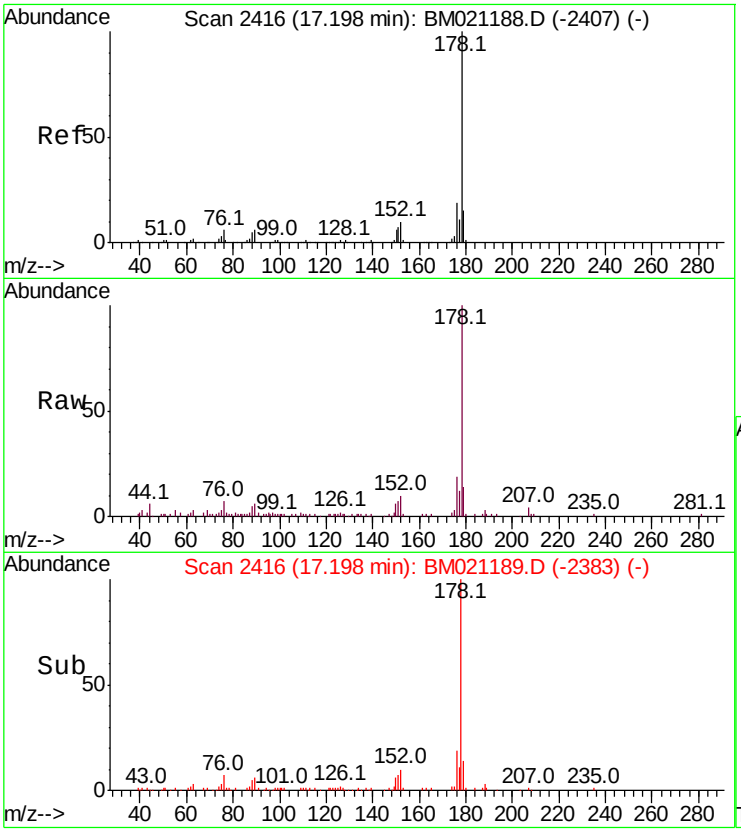


#44
Dimethylphthalate
Concen: 10.407 ng/ul
RT: 13.87 min Scan# 1850
Delta R.T. -0.00 min
Lab File: BM021189.D
Acq: 26 Jun 2019 13:27

Tgt Ion:163 Resp: 531197

Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.4	5.2
164	9.8	7.7	11.5

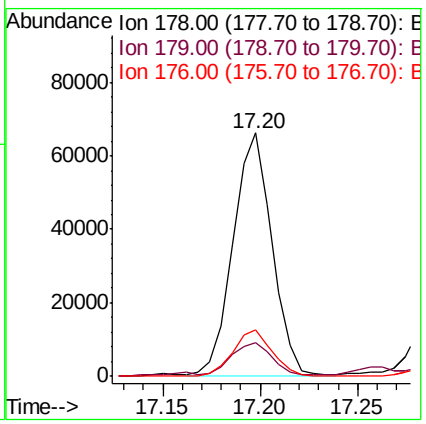




#69
Phenanthrene
Concen: 1.179 ng/ul
RT: 17.20 min Scan# 2416
Delta R.T. -0.01 min
Lab File: BM021189.D
Acq: 26 Jun 2019 13:27

Tgt Ion:178 Resp: 91786

Ion	Ratio	Lower	Upper
178	100		
179	13.9	11.8	17.8
176	18.8	15.0	22.6



Instrument :
BNA_M
ClientSampleId :
C5AC5

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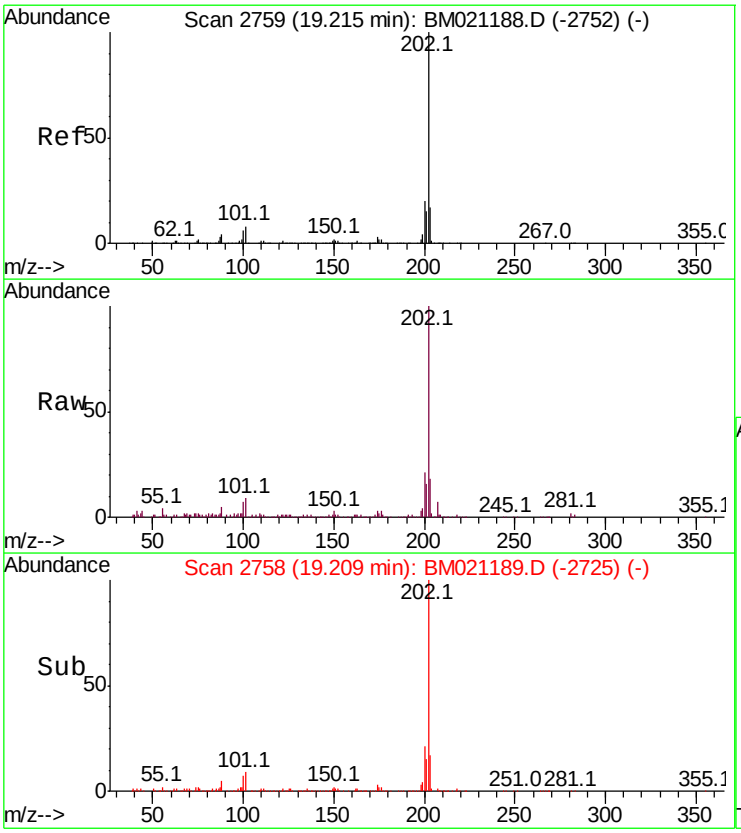
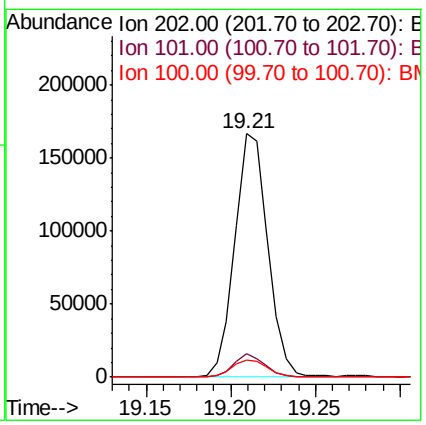
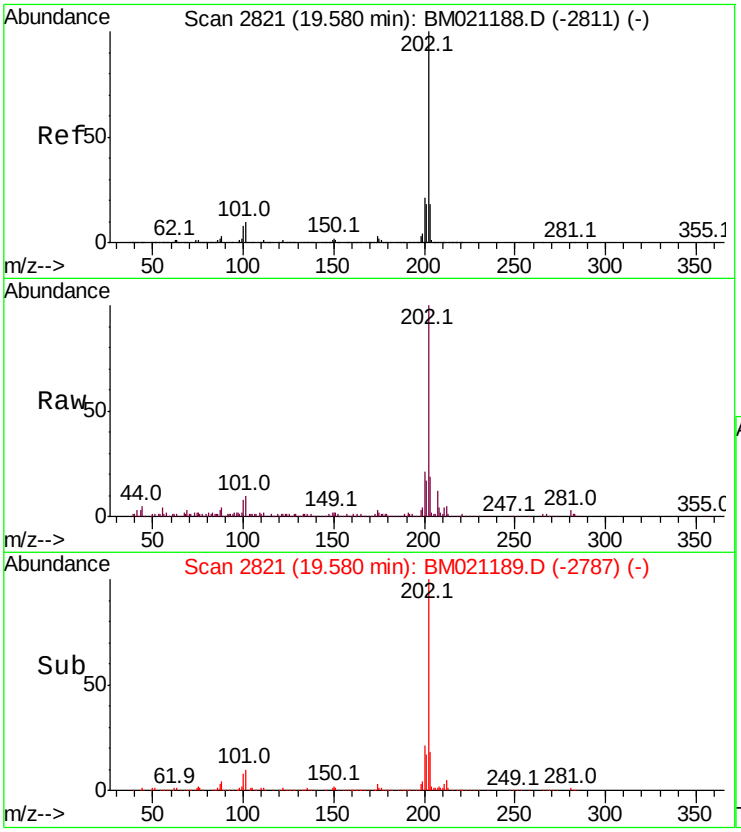


#76
Fluoranthene
Concen: 2.708 ng/ul
RT: 19.21 min Scan# 2758
Delta R.T. -0.01 min
Lab File: BM021189.D
Acq: 26 Jun 2019 13:27

Tgt Ion:202 Resp: 227859

Ion	Ratio	Lower	Upper
202	100		
101	9.4	6.7	10.1
100	6.8	5.5	8.3

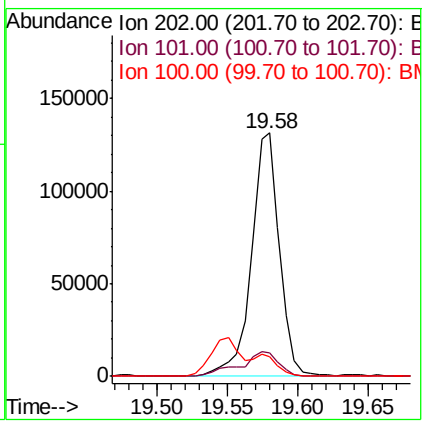




#79
Pyrene
Concen: 2.503 ng/ul
RT: 19.58 min Scan# 2821
Delta R.T. -0.00 min
Lab File: BM021189.D
Acq: 26 Jun 2019 13:27

Tgt Ion:202 Resp: 181373

Ion	Ratio	Lower	Upper
202	100		
101	9.8	8.1	12.1
100	7.9	6.6	10.0



Instrument :
BNA_M
ClientSampleId :
C5AC5

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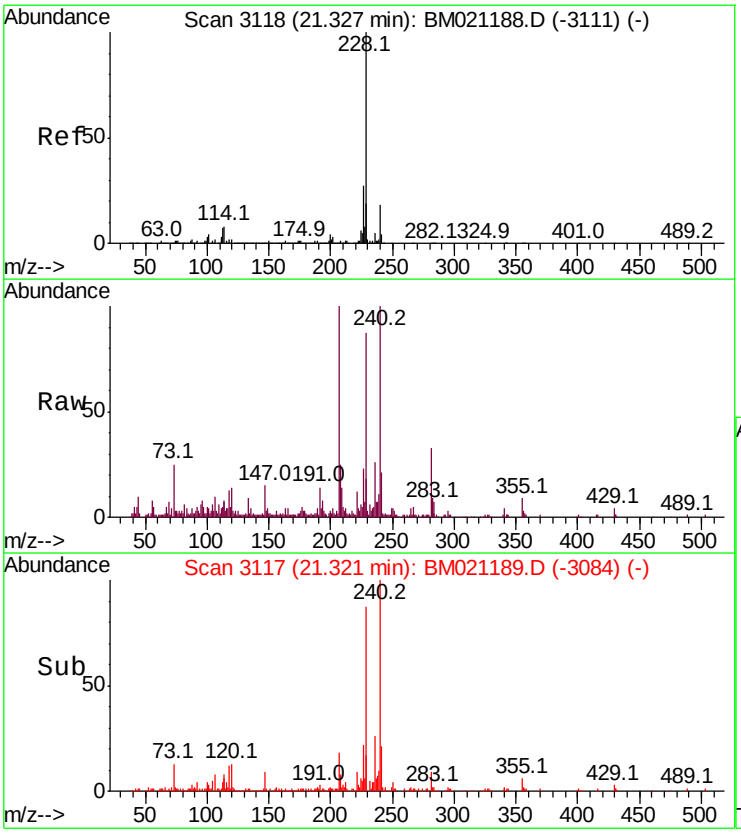
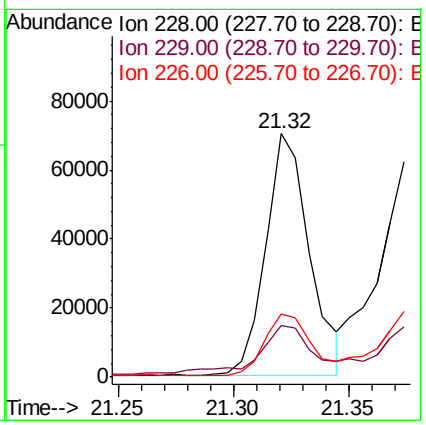
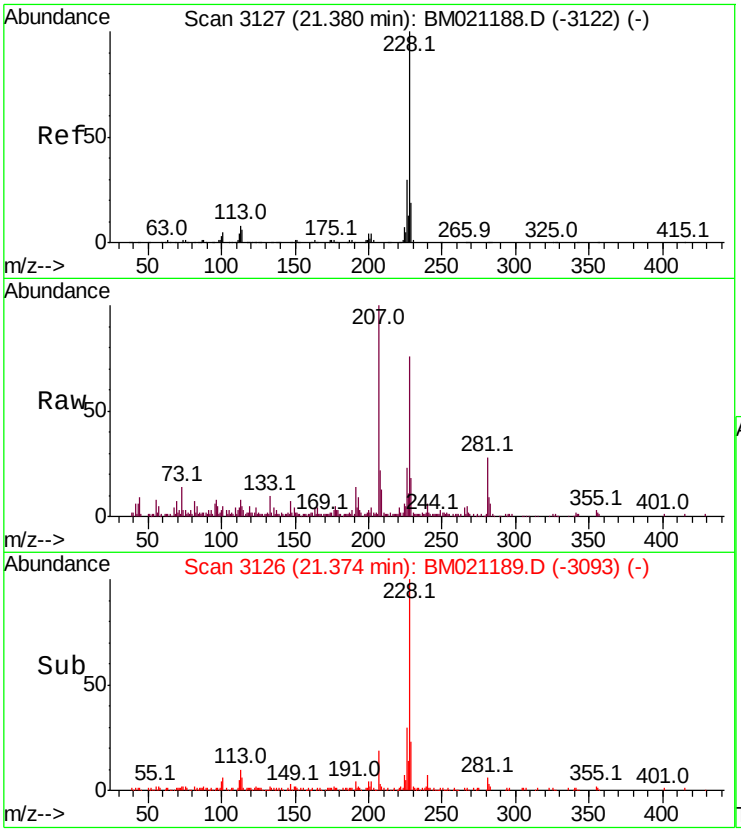


#82
Benzo(a)anthracene
Concen: 1.313 ng/ul
RT: 21.32 min Scan# 3117
Delta R.T. -0.01 min
Lab File: BM021189.D
Acq: 26 Jun 2019 13:27

Tgt Ion:228 Resp: 91727

Ion	Ratio	Lower	Upper
228	100		
229	21.2	15.8	23.8
226	26.0	21.4	32.2

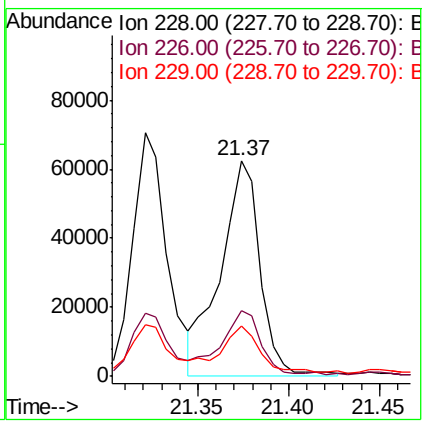




#84
Chrysene
Concen: 1.462 ng/ul m
RT: 21.37 min Scan# 3126
Delta R.T. -0.01 min
Lab File: BM021189.D
Acq: 26 Jun 2019 13:27

Tgt Ion:228 Resp: 95640

Ion	Ratio	Lower	Upper
228	100		
226	30.4	23.9	35.9
229	23.4	15.4	23.2#



Instrument :
BNA_M
ClientSampleId :
C5AC5

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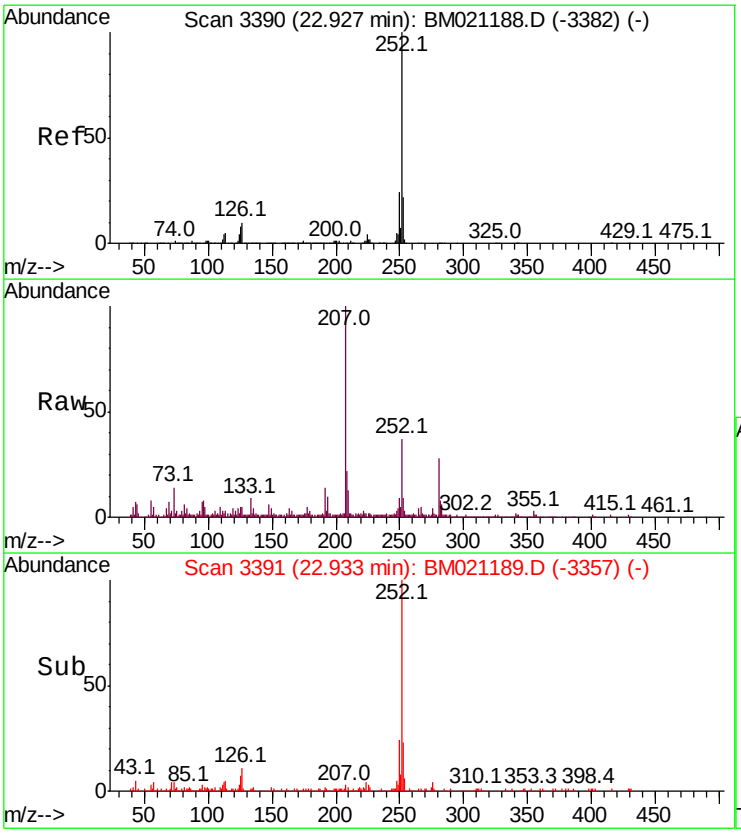
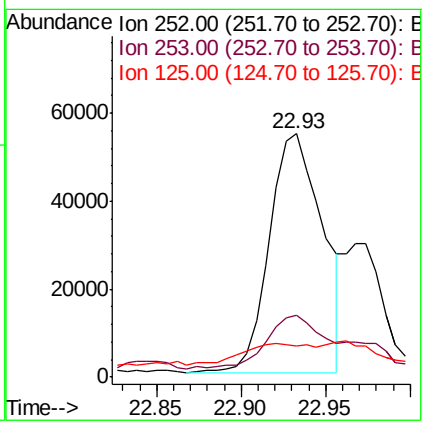
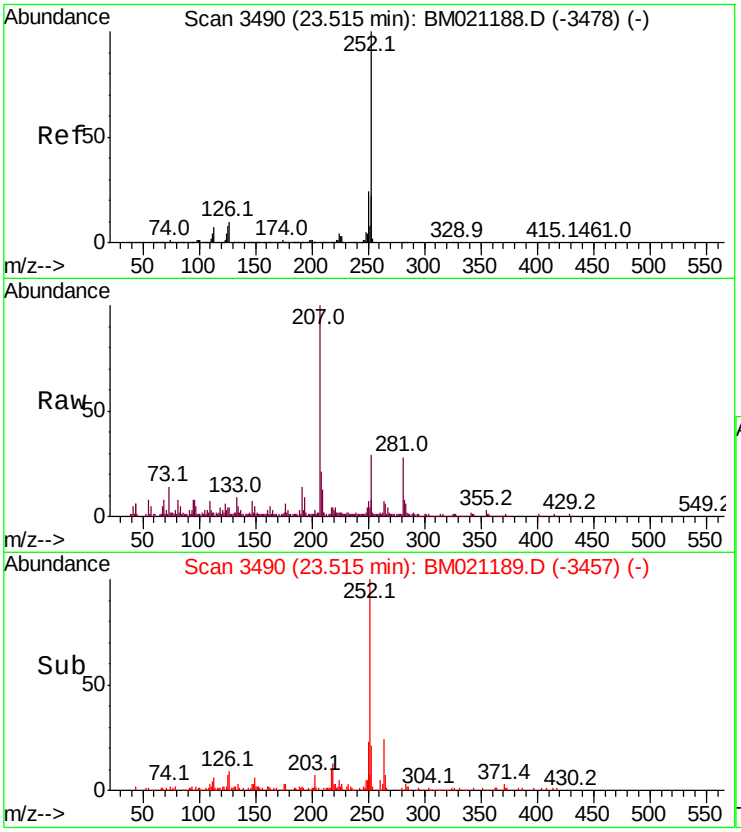


#87
Benzo(b)fluoranthene
Concen: 1.696 ng/ul
RT: 22.93 min Scan# 3391
Delta R.T. -0.00 min
Lab File: BM021189.D
Acq: 26 Jun 2019 13:27

Tgt Ion:252 Resp: 118264

Ion	Ratio	Lower	Upper
252	100		
253	25.5	17.5	26.3
125	12.8	6.3	9.5#

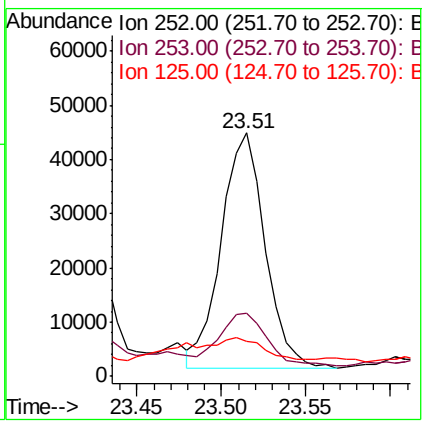




#90
Benzo(a)pyrene
Concen: 1.202 ng/ul
RT: 23.51 min Scan# 3490
Delta R.T. -0.01 min
Lab File: BM021189.D
Acq: 26 Jun 2019 13:27

Tgt Ion:252 Resp: 78929

Ion	Ratio	Lower	Upper
252	100		
253	26.2	17.8	26.8
125	14.4	7.2	10.8#



Instrument :
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ClientSampleId :
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