Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082319\
Data File : BM022250.D
Acq On : 23 Aug 2019 11:28
Operator : HP/JU
Sample : K4183-20
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AG5

Manual Integrations APPROVED
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8/26/2019 8:29:24 AM

Quant Time: Aug 23 13:09:24 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 22 19:41:45 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	35538	20.00	ng/ul	0.00
18) Naphthalene-d8	10.33	136	156110	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.22	164	108491	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.97	188	250120	20.00	ng/ul	0.00
77) Chrysene-d12	21.19	240	289834	20.00	ng/ul	0.00
85) Perylene-d12	23.38	264	259096	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.15	96	1429	1.80	ng/uL	0.01
5) Phenol-d5	6.75	99	32389	10.56	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.92	67	20852	11.69	ng/ul	0.00
9) 2-Chlorophenol-d4	7.10	132	28439	11.48	ng/ul	0.00
13) 4-Methylphenol-d8	8.28	113	25126	9.45	ng/ul	0.00
19) Nitrobenzene-d5	8.73	128	13838	11.89	ng/ul	0.00
22) 2-Nitrophenol-d4	9.45	143	15671	11.57	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.98	165	31617	11.46	ng/ul	0.00
29) 4-Chloroaniline-d4	10.51	131	29098	8.67	ng/ul	0.01
43) Dimethylphthalate-d6	13.64	166	126646	13.26	ng/ul	0.00
46) Acenaphthylene-d8	13.91	160	131261	12.75	ng/ul	0.00
51) 4-Nitrophenol-d4	14.49	143	9539	6.74	ng/ul	0.02
57) Fluorene-d10	15.22	176	106658	13.46	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.39	200	15356	7.96	ng/ul	0.00
70) Anthracene-d10	17.08	188	178913	13.51	ng/ul	0.00
78) Pyrene-d10	19.39	212	240932	15.99	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.24	264	203344	14.29	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	6.77	94	4048	1.233	ng/ul#	83
44) Dimethylphthalate	13.69	163	31374	3.227	ng/ul	98
69) Phenanthrene	17.02	178	102985	6.882	ng/ul	98
71) Anthracene	17.12	178	30568	1.963	ng/ul	99
76) Fluoranthene	19.05	202	167288	7.419	ng/ul	99
79) Pyrene	19.42	202	139153	7.418	ng/ul	97
82) Benzo(a)anthracene	21.17	228	83477	3.827	ng/ul	96
84) Chrysene	21.22	228	60590	2.971	ng/ul	97
87) Benzo(b)fluoranthene	22.73	252	78257	4.342	ng/ul#	95
88) Benzo(k)fluoranthene	22.76	252	26103	1.493	ng/ul#	97
90) Benzo(a)pyrene	23.29	252	55514	3.231	ng/ul#	92
91) Indeno(1,2,3-cd)pyrene	25.57	276	31114m	1.560	ng/ul	
93) Benzo(g,h,i)perylene	26.25	276	27247m	1.790	ng/ul	

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

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Instrument :
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ClientSampleId :
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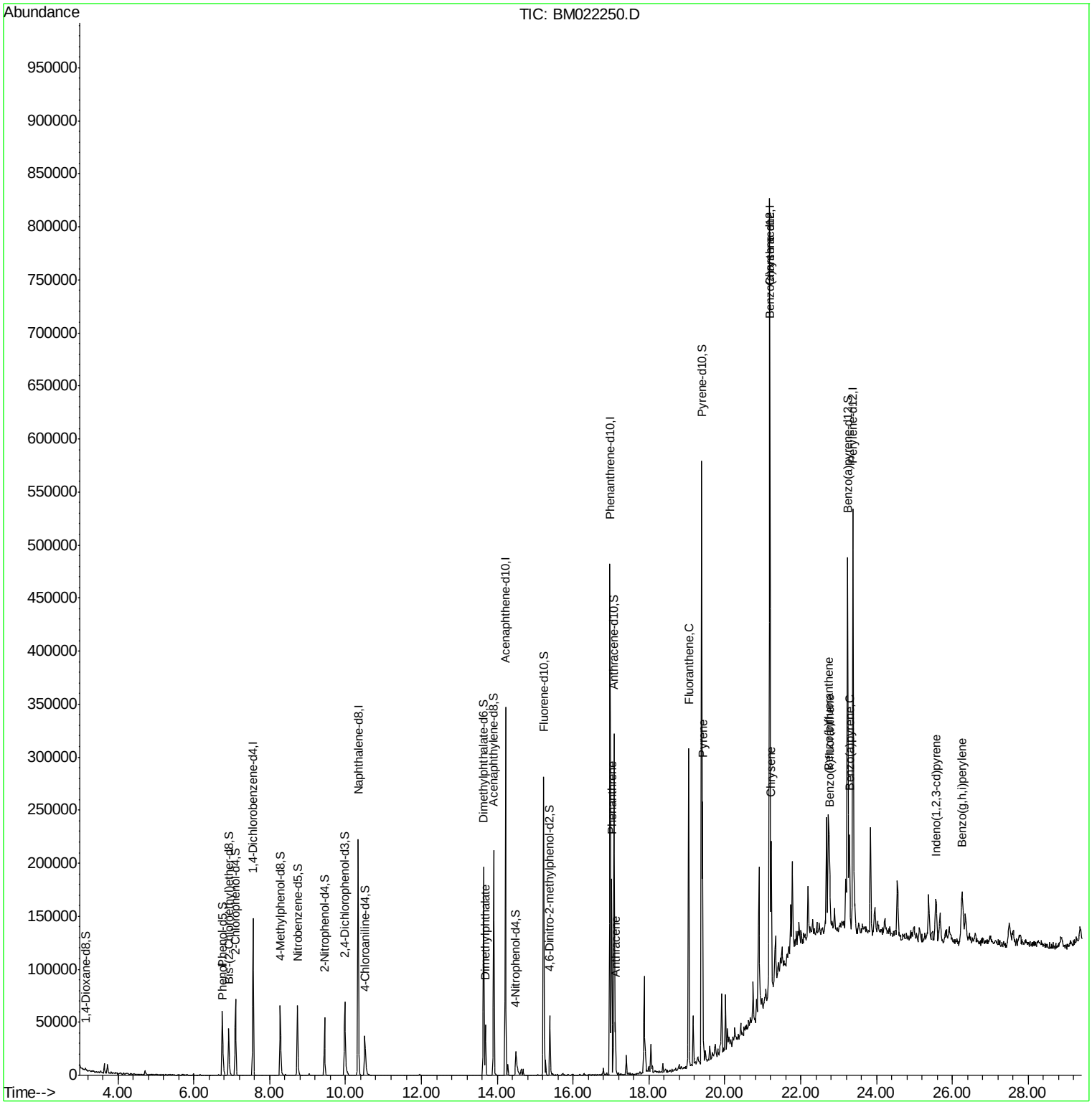
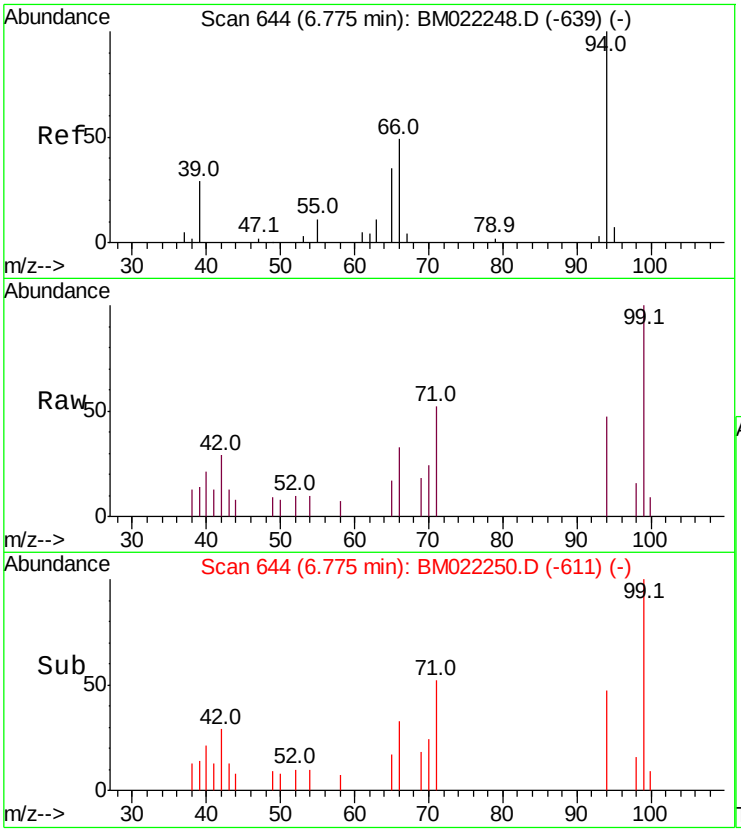
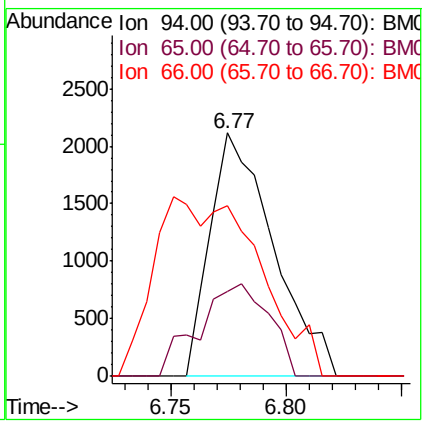




#6
Phenol
Concen: 1.233 ng/ul
RT: 6.77 min Scan# 644
Delta R.T. -0.01 min
Lab File: BM022250.D
Acq: 23 Aug 2019 11:28

Tgt Ion: 94 Resp: 4048

Ion	Ratio	Lower	Upper
94	100		
65	35.1	29.2	43.8
66	70.3	40.6	60.8#



Instrument :
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ClientSampleId :
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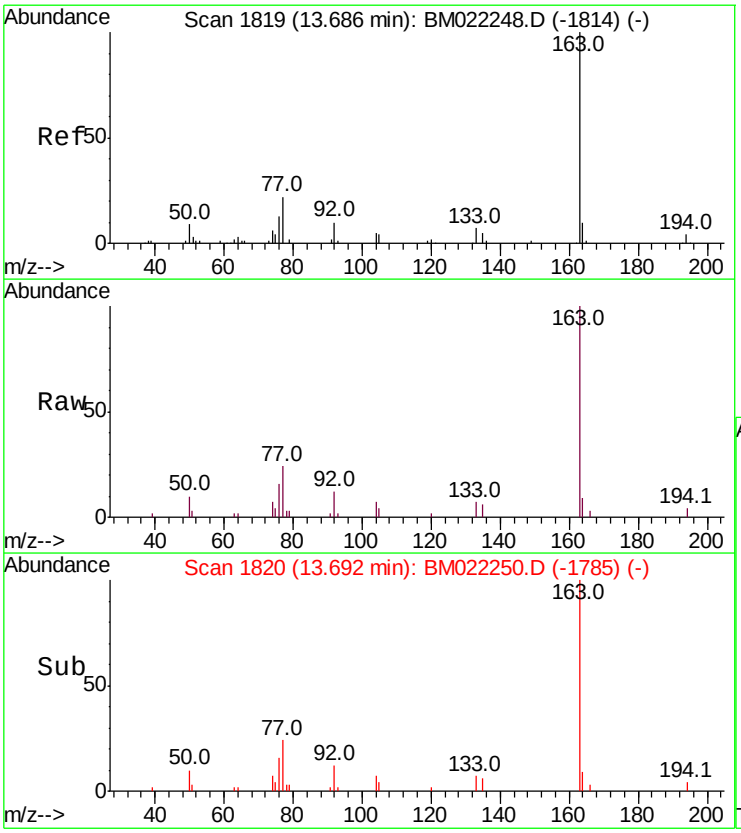
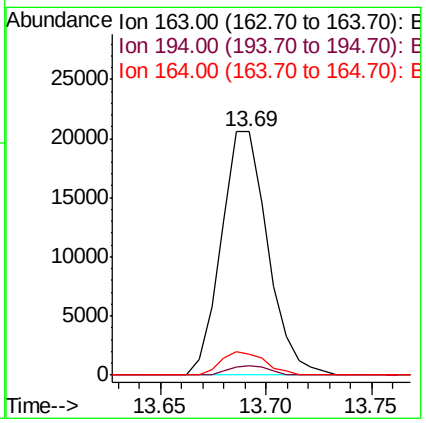
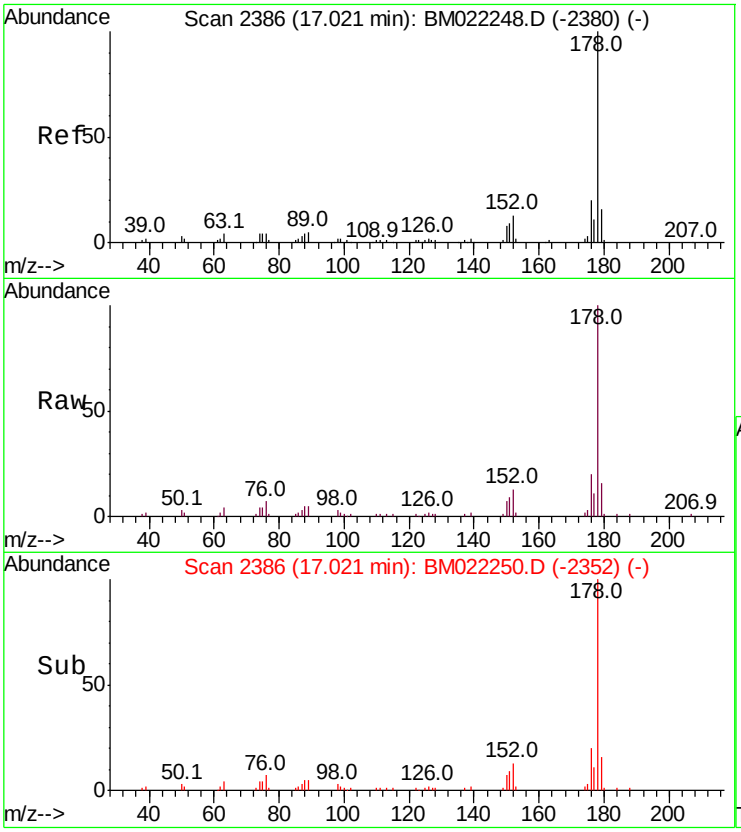


#44
Dimethylphthalate
Concen: 3.227 ng/ul
RT: 13.69 min Scan# 1820
Delta R.T. 0.01 min
Lab File: BM022250.D
Acq: 23 Aug 2019 11:28

Tgt Ion:163 Resp: 31374

Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.0	4.6
164	8.7	7.8	11.8

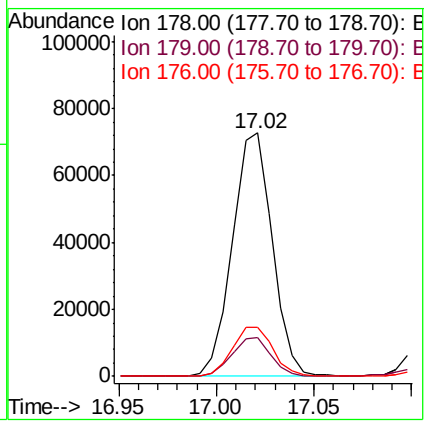




#69
Phenanthrene
Concen: 6.882 ng/ul
RT: 17.02 min Scan# 2386
Delta R.T. -0.00 min
Lab File: BM022250.D
Acq: 23 Aug 2019 11:28

Tgt Ion:178 Resp: 102985

Ion	Ratio	Lower	Upper
178	100		
179	16.1	12.4	18.6
176	20.1	15.4	23.0



Instrument :
BNA_M
ClientSampleId :
C0AG5

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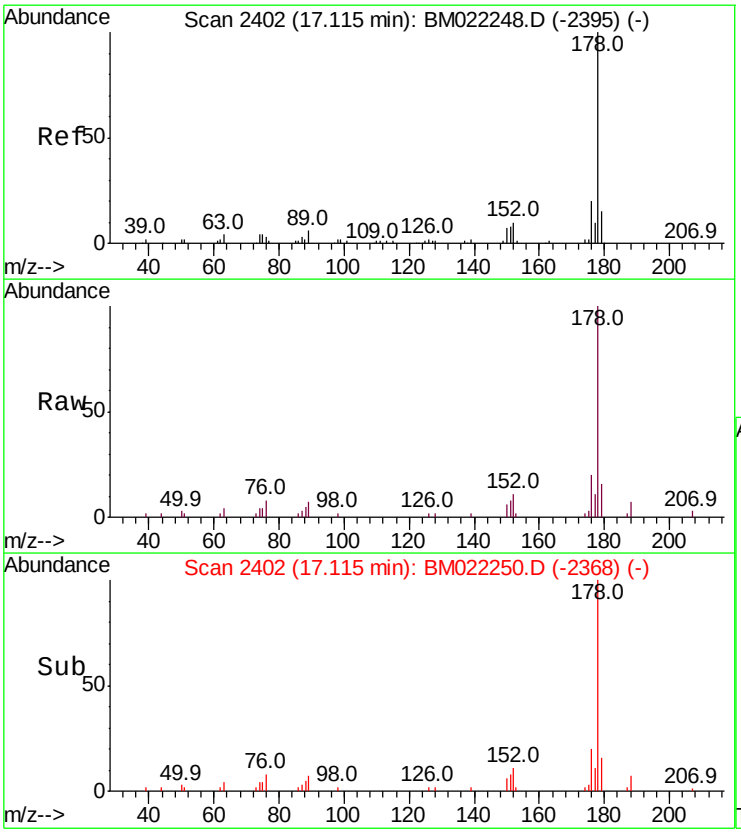
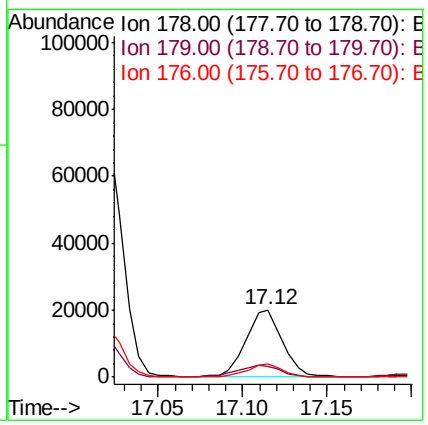
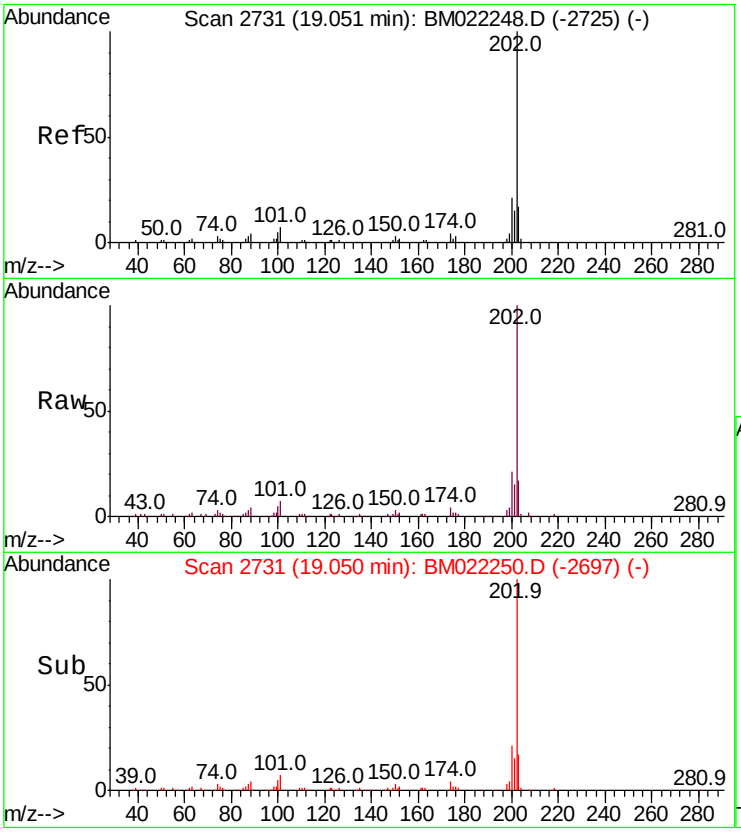


#71
Anthracene
Concen: 1.963 ng/ul
RT: 17.12 min Scan# 2402
Delta R.T. -0.00 min
Lab File: BM022250.D
Acq: 23 Aug 2019 11:28

Tgt Ion:178 Resp: 30568

Ion	Ratio	Lower	Upper
178	100		
179	16.0	12.3	18.5
176	19.7	15.5	23.3

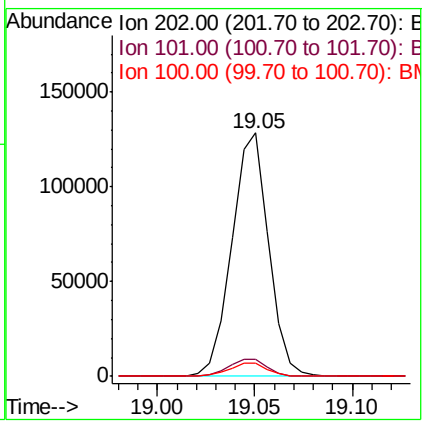




#76
Fluoranthene
Concen: 7.419 ng/ul
RT: 19.05 min Scan# 2731
Delta R.T. -0.00 min
Lab File: BM022250.D
Acq: 23 Aug 2019 11:28

Tgt Ion:202 Resp: 167288

Ion	Ratio	Lower	Upper
202	100		
101	7.0	5.3	7.9
100	5.4	4.6	6.8



Instrument :
BNA_M
ClientSampleId :
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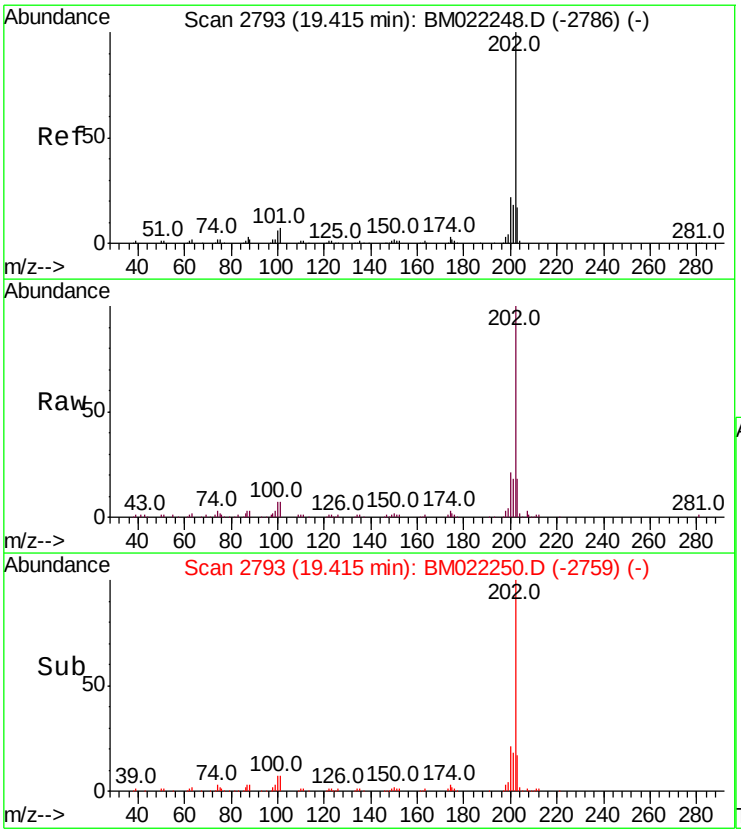
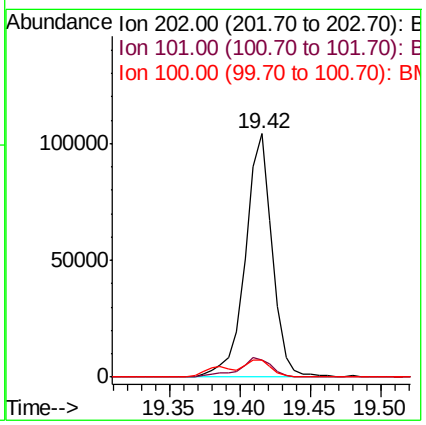
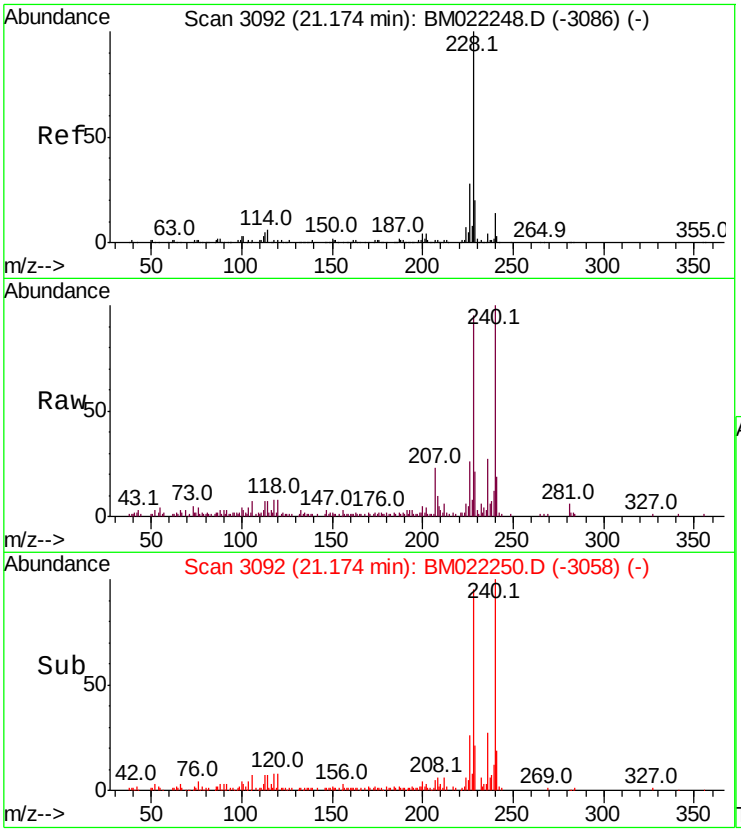


#79
Pyrene
Concen: 7.418 ng/ul
RT: 19.42 min Scan# 2793
Delta R.T. -0.00 min
Lab File: BM022250.D
Acq: 23 Aug 2019 11:28

Tgt Ion:202 Resp: 139153

Ion	Ratio	Lower	Upper
202	100		
101	7.1	7.0	10.4
100	6.9	5.8	8.8

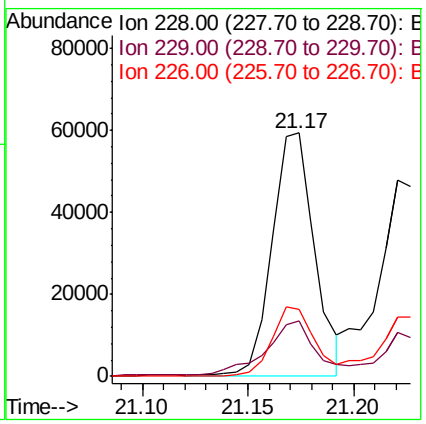




#82
Benzo(a)anthracene
Concen: 3.827 ng/ul
RT: 21.17 min Scan# 3092
Delta R.T. -0.00 min
Lab File: BM022250.D
Acq: 23 Aug 2019 11:28

Tgt Ion:228 Resp: 83477

Ion	Ratio	Lower	Upper
228	100		
229	22.6	15.2	22.8
226	27.3	22.3	33.5



Instrument :
BNA_M
ClientSampleId :
C0AG5

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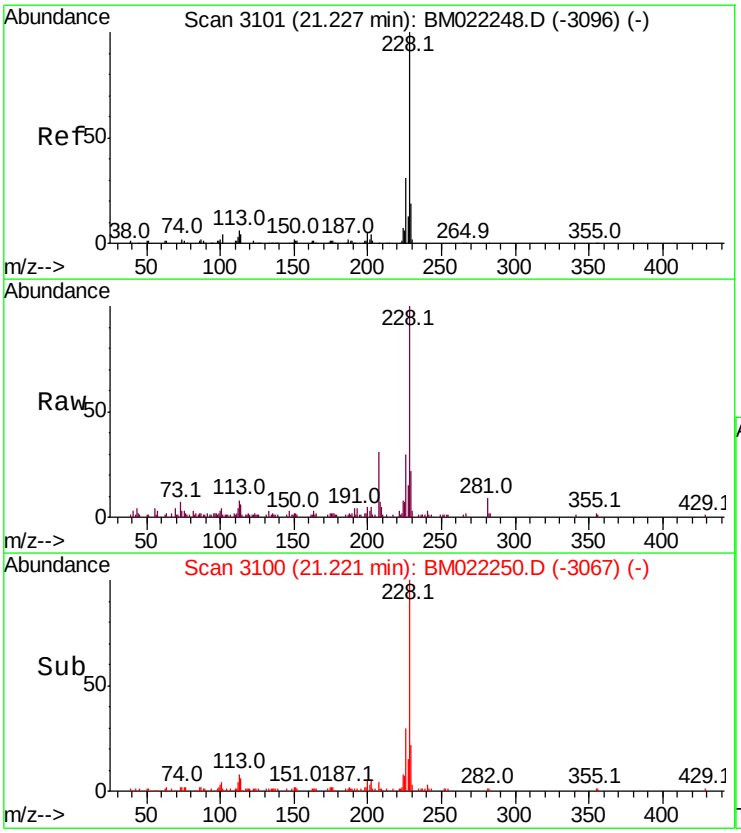
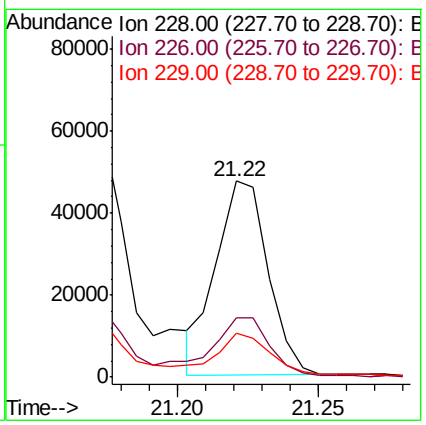
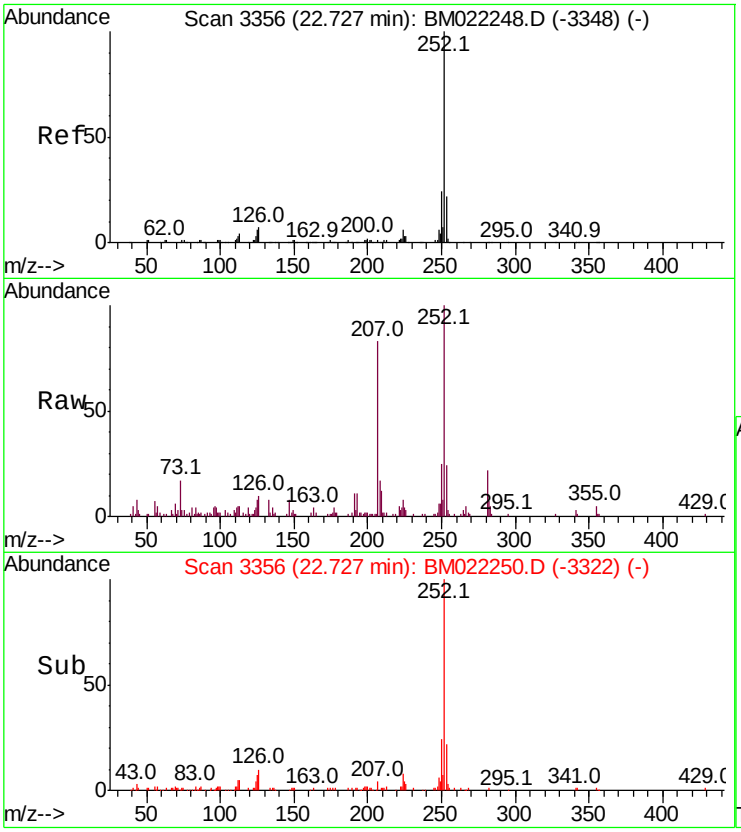


#84
Chrysene
Concen: 2.971 ng/ul
RT: 21.22 min Scan# 3100
Delta R.T. -0.01 min
Lab File: BM022250.D
Acq: 23 Aug 2019 11:28

Tgt Ion:228 Resp: 60590

Ion	Ratio	Lower	Upper
228	100		
226	30.4	24.7	37.1
229	22.3	15.7	23.5

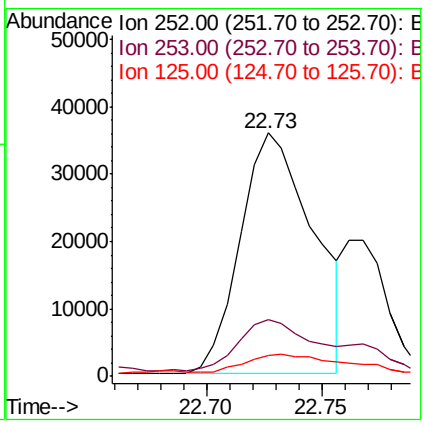




#87
Benzo(b)fluoranthene
Concen: 4.342 ng/ul
RT: 22.73 min Scan# 3356
Delta R.T. -0.00 min
Lab File: BM022250.D
Acq: 23 Aug 2019 11:28

Tgt Ion:252 Resp: 78257

Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.0	25.6
125	8.5	5.2	7.8#



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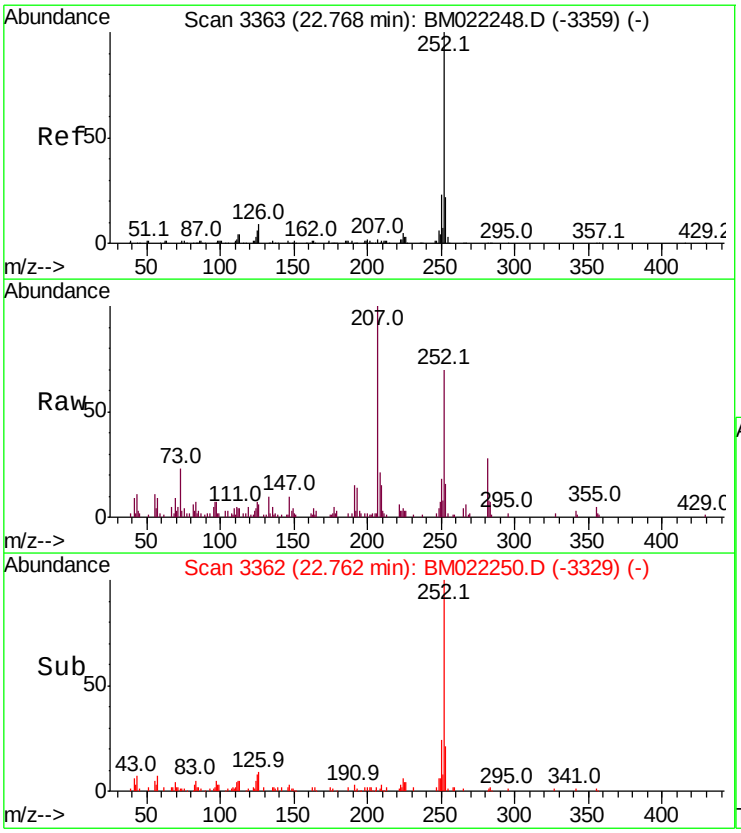
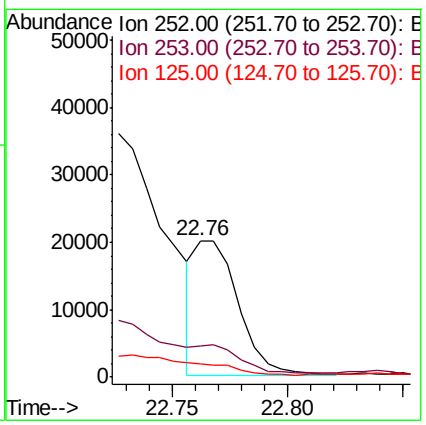
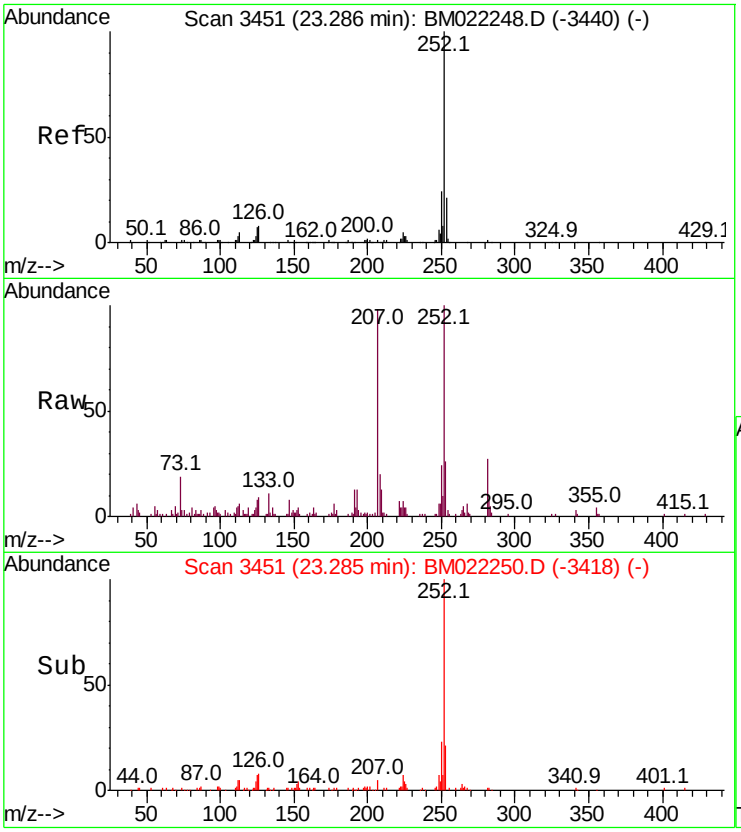


#88
Benzo(k)fluoranthene
Concen: 1.493 ng/ul
RT: 22.76 min Scan# 3362
Delta R.T. -0.01 min
Lab File: BM022250.D
Acq: 23 Aug 2019 11:28

Tgt Ion:252 Resp: 26103

Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.1	27.1
125	9.9	5.1	7.7#





#90
Benzo(a)pyrene
Concen: 3.231 ng/ul
RT: 23.29 min Scan# 3451
Delta R.T. -0.01 min
Lab File: BM022250.D
Acq: 23 Aug 2019 11:28

Tgt Ion:252 Resp: 55514

Ion	Ratio	Lower	Upper
252	100		
253	25.7	16.9	25.3#
125	8.2	5.5	8.3

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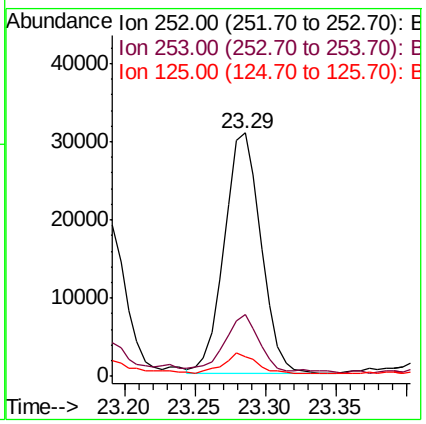
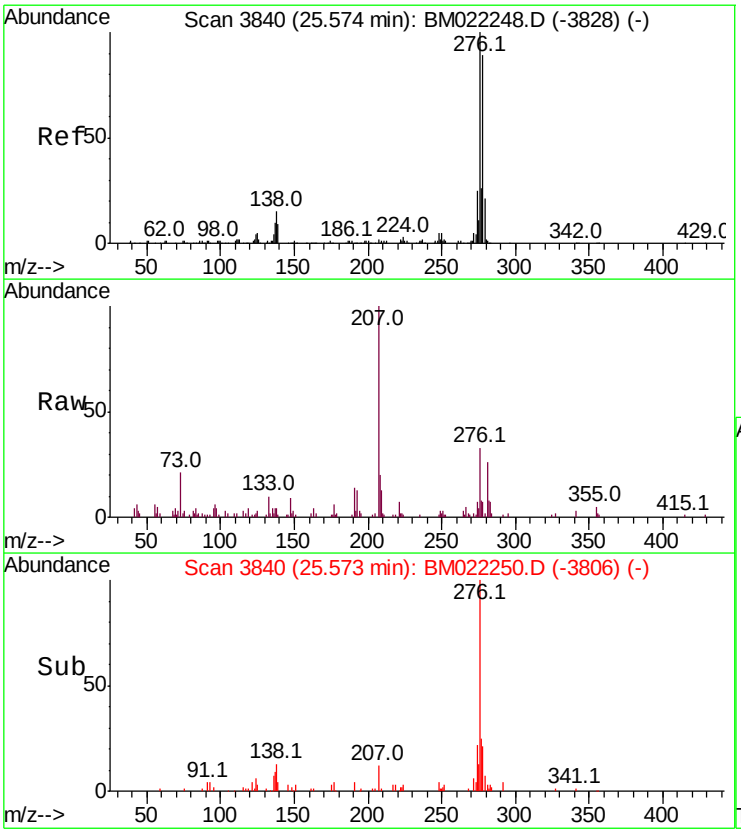
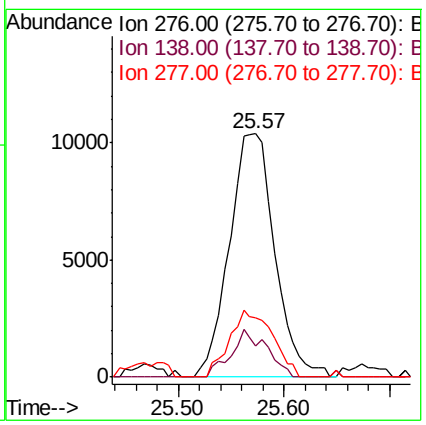


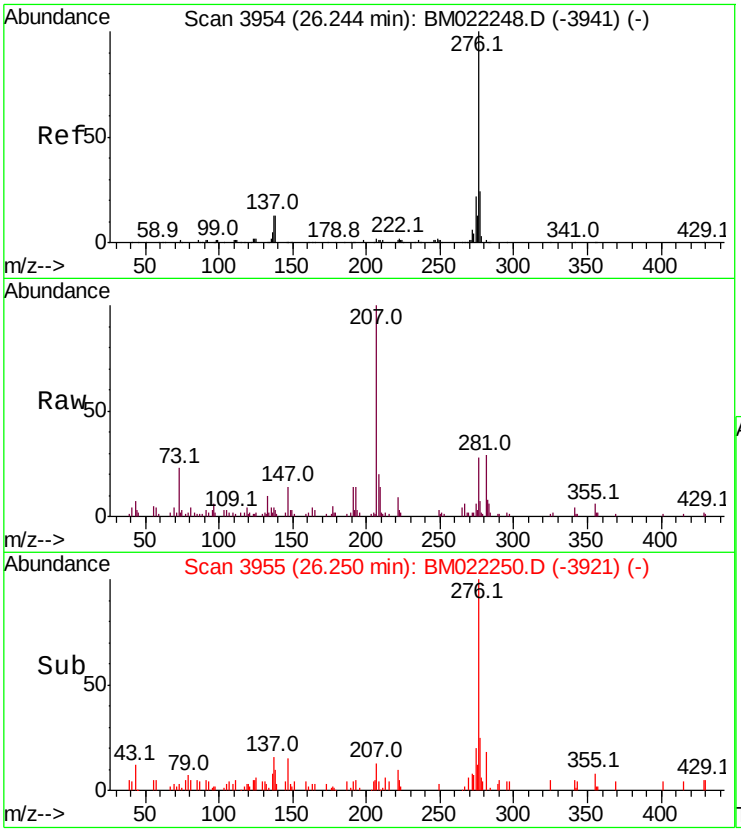


#91
Indeno(1,2,3-cd)pyrene
Concen: 1.560 ng/ul m
RT: 25.57 min Scan# 3840
Delta R.T. -0.00 min
Lab File: BM022250.D
Acq: 23 Aug 2019 11:28

Tgt Ion:276 Resp: 31114

Ion	Ratio	Lower	Upper
276	100		
138	13.0	12.6	18.8
277	24.3	20.2	30.2

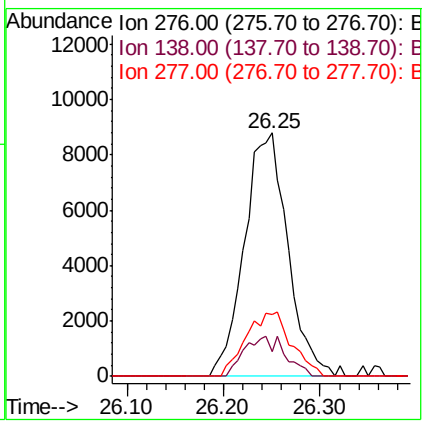




#93
Benzo(g,h,i)perylene
Concen: 1.790 ng/ul m
RT: 26.25 min Scan# 3955
Delta R.T. -0.00 min
Lab File: BM022250.D
Acq: 23 Aug 2019 11:28

Tgt Ion:276 Resp: 27247

Ion	Ratio	Lower	Upper
276	100		
138	9.9	10.2	15.4#
277	25.3	18.2	27.4



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