Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102819\
Data File : BM023416.D
Acq On : 28 Oct 2019 13:12
Operator : JU
Sample : K5395-11
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0007

Manual Integrations APPROVED
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10/29/2019 3:35:08 PM

Quant Time: Oct 29 12:07:16 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102319MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Oct 25 07:44:12 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	438380	20.00	ng/ul	-0.01
18) Naphthalene-d8	10.40	136	1737466	20.00	ng/ul	-0.02
36) Acenaphthene-d10	14.27	164	1032743	20.00	ng/ul	-0.01
62) Phenanthrene-d10	17.02	188	2021977	20.00	ng/ul	-0.01
78) Chrysene-d12	21.22	240	1999106	20.00	ng/ul	0.00
86) Perylene-d12	23.42	264	2406767	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.15	96	36713	3.98	ng/uL	0.00
5) Phenol-d5	6.81	99	650652	17.67	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.97	67	407713	18.89	ng/ul	-0.01
9) 2-Chlorophenol-d4	7.16	132	553450	19.23	ng/ul	-0.01
13) 4-Methylphenol-d8	8.34	113	436505	14.60	ng/ul	-0.01
19) Nitrobenzene-d5	8.77	128	273737	20.93	ng/ul	-0.01
22) 2-Nitrophenol-d4	9.49	143	301664	20.79	ng/ul	-0.02
26) 2,4-Dichlorophenol-d3	10.03	165	543485	19.06	ng/ul	-0.01
29) 4-Chloroaniline-d4	10.55	131	404753	12.34	ng/ul	-0.01
44) Dimethylphthalate-d6	13.69	166	1642237	20.94	ng/ul	-0.01
47) Acenaphthylene-d8	13.97	160	1946561	21.67	ng/ul	-0.01
52) 4-Nitrophenol-d4	14.49	143	176778	13.01	ng/ul	0.00
58) Fluorene-d10	15.27	176	1429867	21.53	ng/ul	-0.01
63) 4,6-Dinitro-2-methylphenol	15.40	200	149079	11.84	ng/ul	0.00
71) Anthracene-d10	17.12	188	2147579	22.47	ng/ul	-0.01
79) Pyrene-d10	19.42	212	2305283	20.97	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.28	264	2750469	22.43	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	6.83	94	71901	1.896	ng/ul	98
45) Dimethylphthalate	13.74	163	750514	9.531	ng/ul	99
70) Phenanthrene	17.07	178	874246	7.737	ng/ul	100
72) Anthracene	17.16	178	134278	1.173	ng/ul	97
75) Carbazole	17.43	167	116551	1.208	ng/ul	98
77) Fluoranthene	19.09	202	2684311	22.775	ng/ul	98
80) Pyrene	19.45	202	2241312	15.877	ng/ul	99
83) Benzo(a)anthracene	21.20	228	1258974	9.416	ng/ul	98
84) Bis(2-ethylhexyl)phthalate	21.16	149	119567	1.476	ng/ul#	90
85) Chrysene	21.26	228	1341178	10.872	ng/ul	98
87) Di-n-octyl phthalate	22.07	149	251532	1.777	ng/ul	100
88) Benzo(b)fluoranthene	22.76	252	2015295	13.038	ng/ul	98
89) Benzo(k)fluoranthene	22.80	252	713672m	4.917	ng/ul	
91) Benzo(a)pyrene	23.33	252	1361888	9.732	ng/ul	100
92) Indeno(1,2,3-cd)pyrene	25.62	276	1094459	7.223	ng/ul	97
93) Dibenzo(a,h)anthracene	25.63	278	258647	2.024	ng/ul#	83
94) Benzo(g,h,i)perylene	26.30	276	1076654	8.733	ng/ul	99

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

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Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C0007

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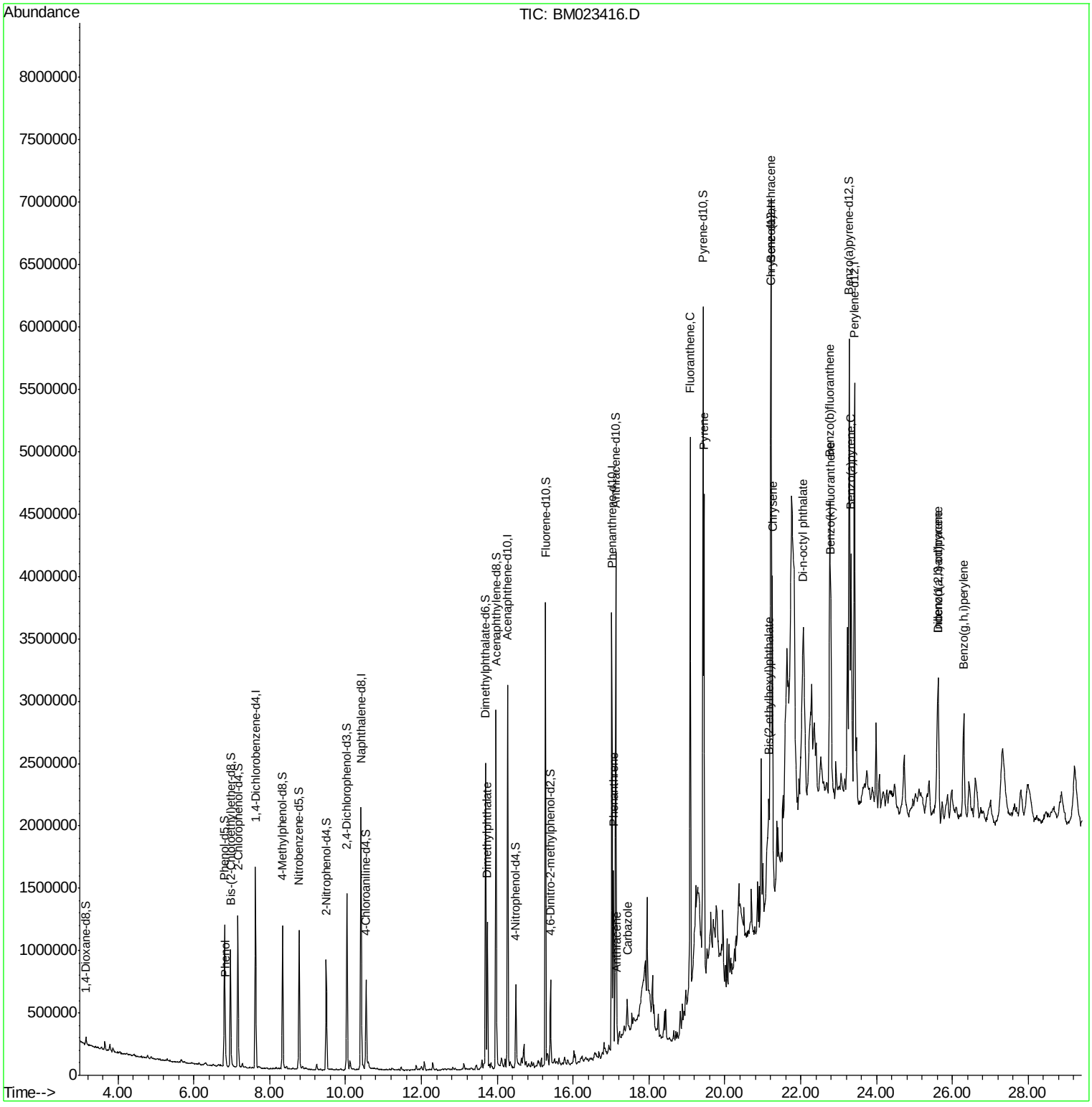
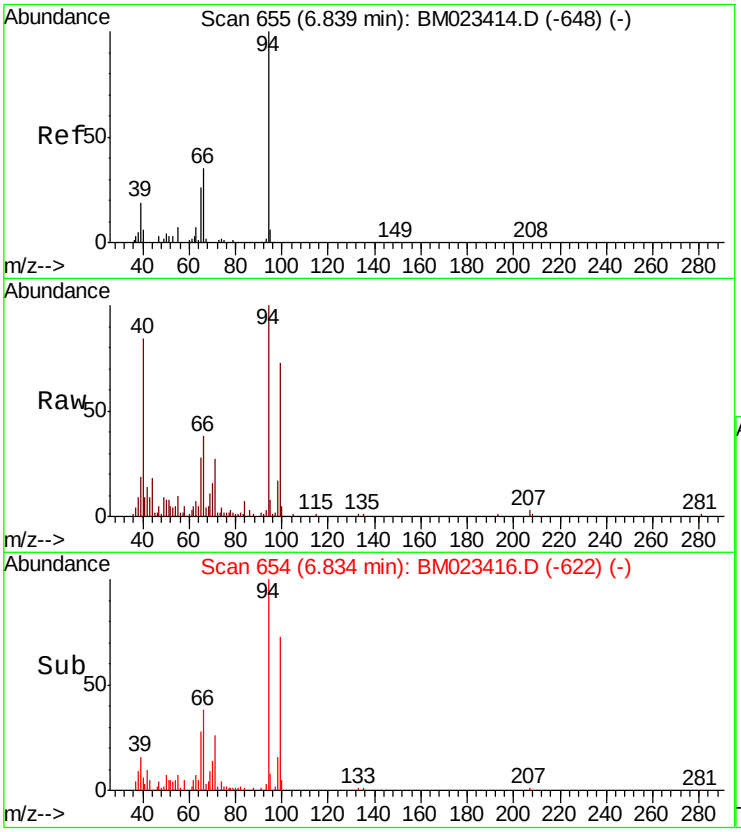
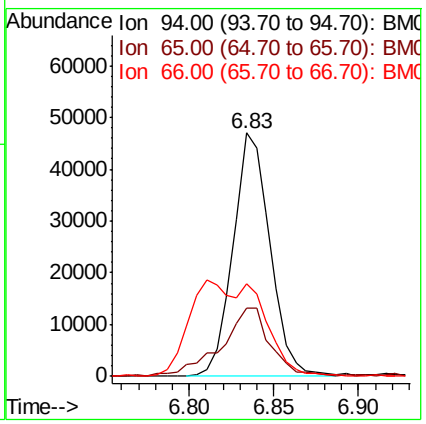




#6
Phenol
Concen: 1.896 ng/ul
RT: 6.83 min Scan# 654
Delta R.T. -0.01 min
Lab File: BM023416.D
Acq: 28 Oct 2019 13:12

Tgt Ion: 94 Resp: 71901

Ion	Ratio	Lower	Upper
94	100		
65	28.2	22.9	34.3
66	37.9	31.4	47.2



Instrument :
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ClientSampleId :
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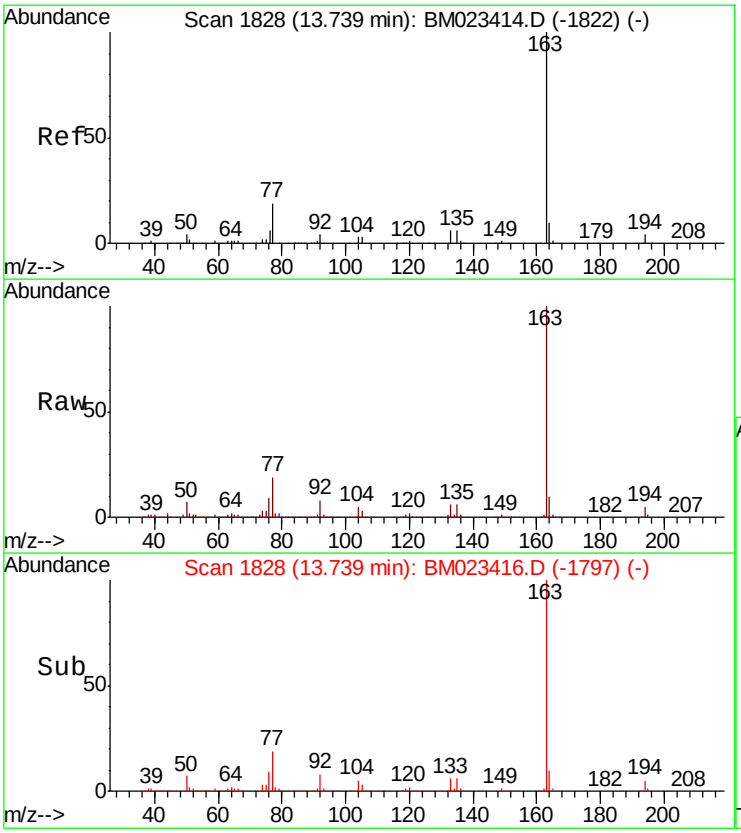
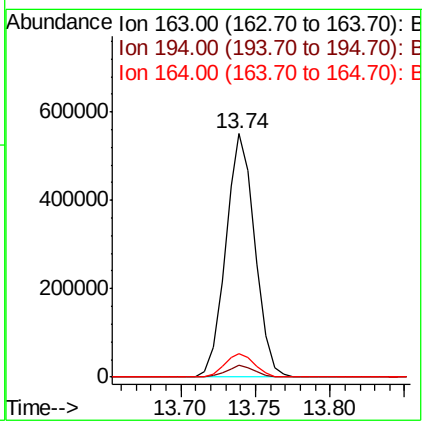
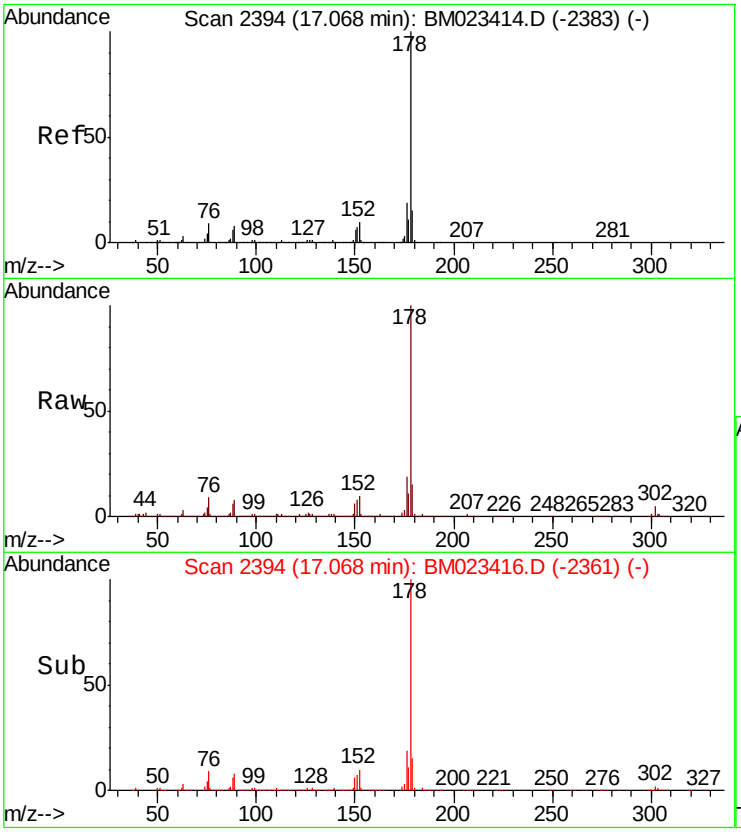


#45
Dimethylphthalate
Concen: 9.531 ng/ul
RT: 13.74 min Scan# 1828
Delta R.T. -0.02 min
Lab File: BM023416.D
Acq: 28 Oct 2019 13:12

Tgt Ion:163 Resp: 750514

Ion	Ratio	Lower	Upper
163	100		
194	4.7	3.3	4.9
164	9.8	7.9	11.9

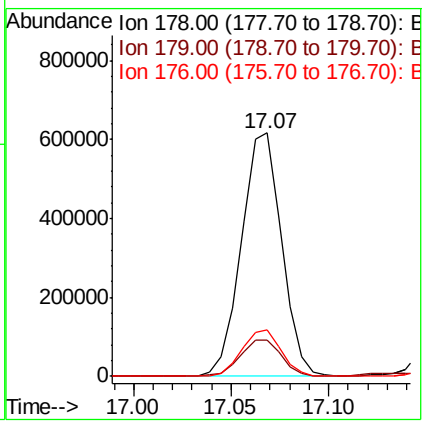




#70
Phenanthrene
Concen: 7.737 ng/ul
RT: 17.07 min Scan# 2394
Delta R.T. -0.01 min
Lab File: BM023416.D
Acq: 28 Oct 2019 13:12

Tgt Ion:178 Resp: 874246

Ion	Ratio	Lower	Upper
178	100		
179	15.1	12.2	18.2
176	18.9	14.9	22.3



Instrument :
BNA_M
ClientSampleId :
C0007

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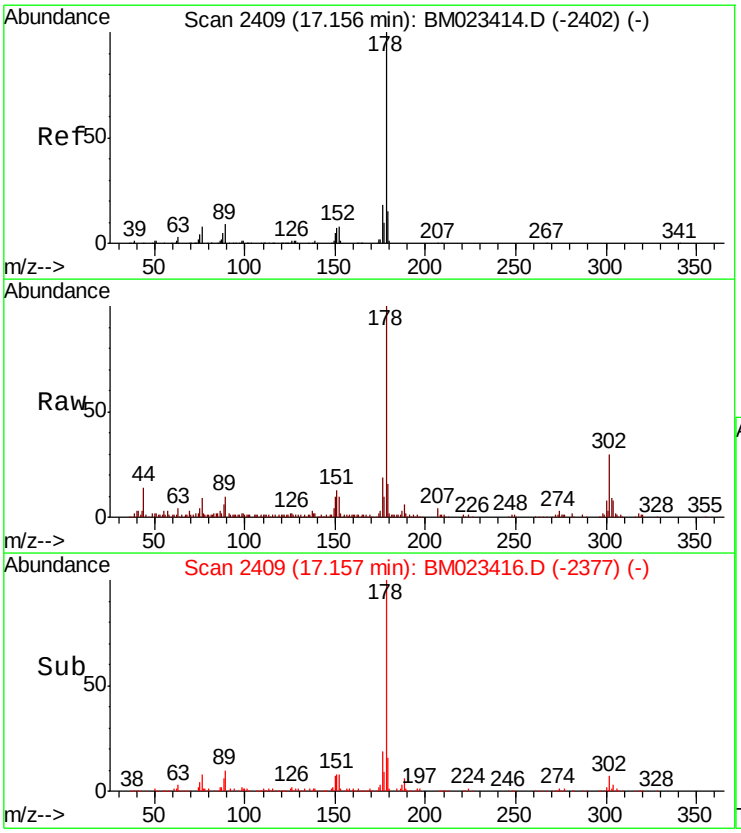
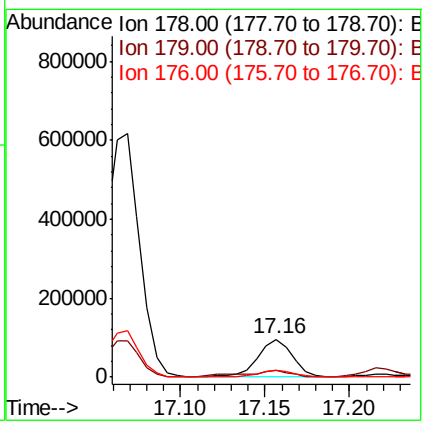
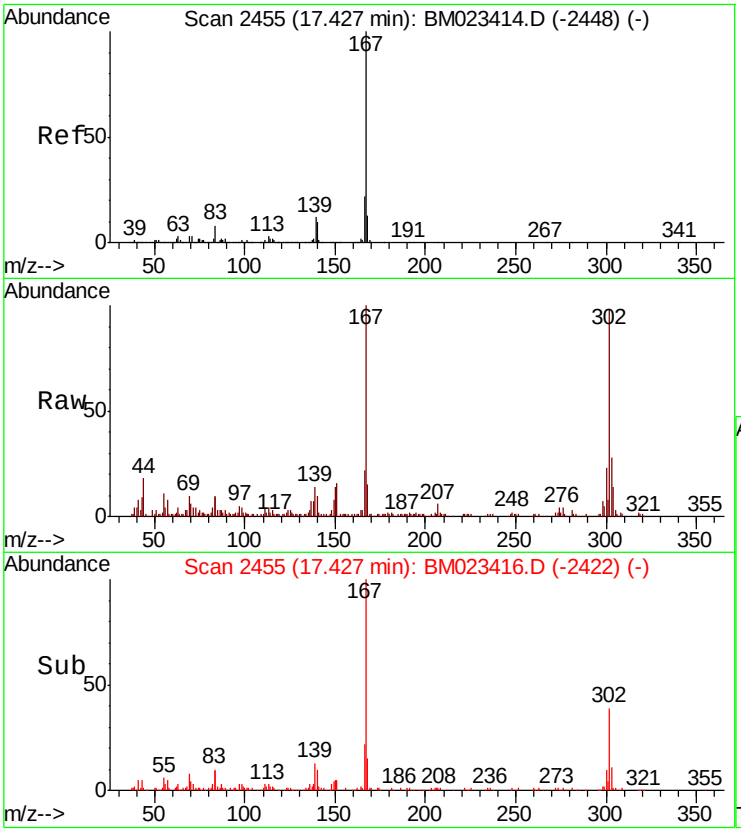


#72
Anthracene
Concen: 1.173 ng/ul
RT: 17.16 min Scan# 2409
Delta R.T. -0.01 min
Lab File: BM023416.D
Acq: 28 Oct 2019 13:12

Tgt Ion:178 Resp: 134278

Ion	Ratio	Lower	Upper
178	100		
179	16.3	12.1	18.1
176	19.3	14.4	21.6

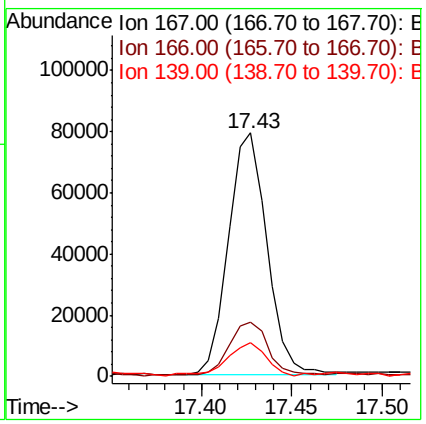




#75
Carbazole
Concen: 1.208 ng/ul
RT: 17.43 min Scan# 2455
Delta R.T. -0.01 min
Lab File: BM023416.D
Acq: 28 Oct 2019 13:12

Tgt Ion:167 Resp: 116551

Ion	Ratio	Lower	Upper
167	100		
166	22.2	17.1	25.7
139	13.7	10.0	15.0



Instrument :
BNA_M
ClientSampleId :
C0007

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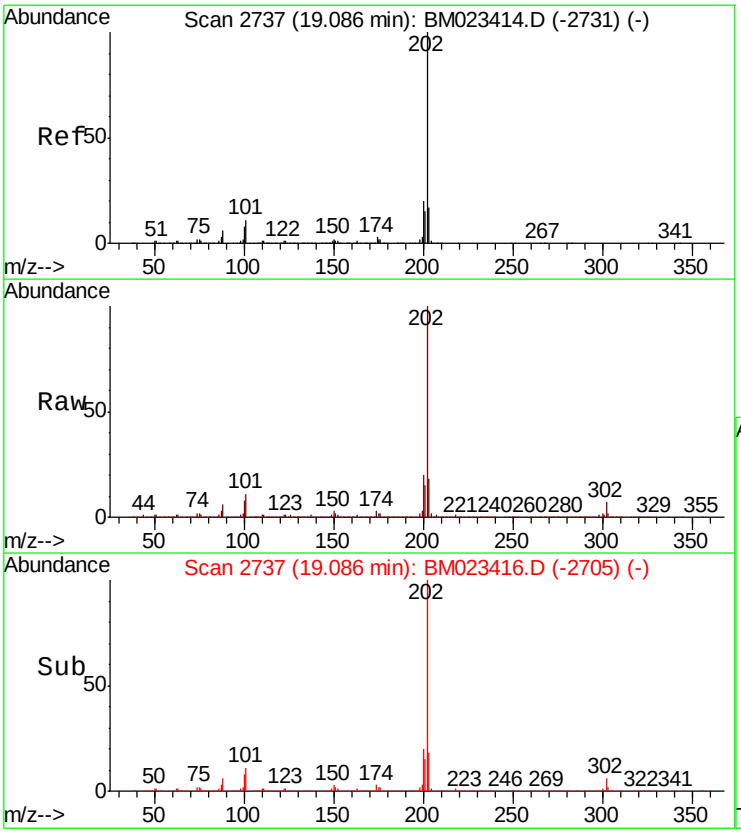
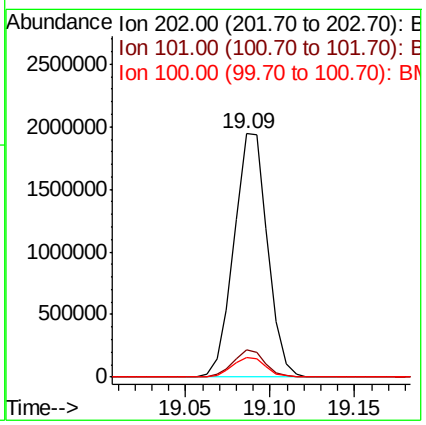
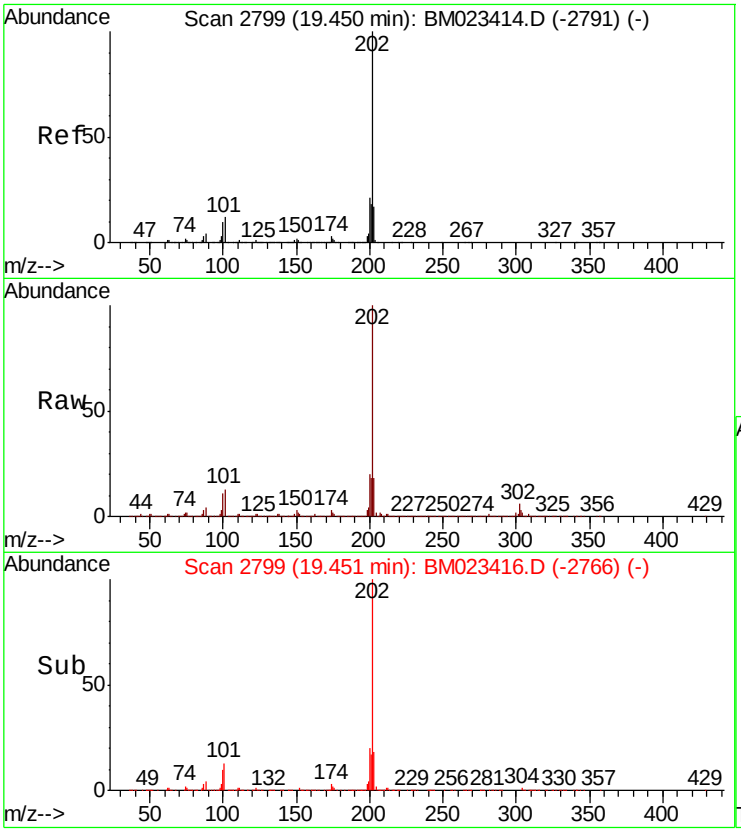


#77
Fluoranthene
Concen: 22.775 ng/ul
RT: 19.09 min Scan# 2737
Delta R.T. -0.01 min
Lab File: BM023416.D
Acq: 28 Oct 2019 13:12

Tgt Ion:202 Resp: 2684311

Ion	Ratio	Lower	Upper
202	100		
101	11.1	8.1	12.1
100	8.2	6.2	9.2

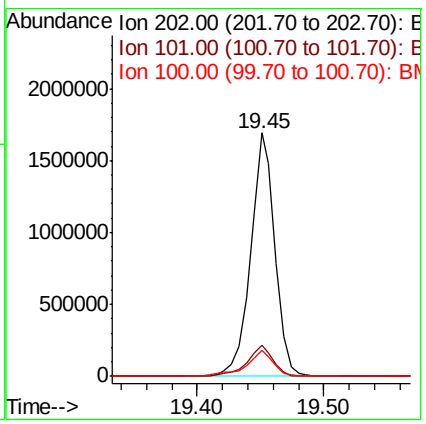




#80
Pyrene
Concen: 15.877 ng/ul
RT: 19.45 min Scan# 2799
Delta R.T. -0.01 min
Lab File: BM023416.D
Acq: 28 Oct 2019 13:12

Tgt Ion:202 Resp: 2241312

Ion	Ratio	Lower	Upper
202	100		
101	12.6	10.0	15.0
100	10.7	8.3	12.5



Instrument :
BNA_M
ClientSampleId :
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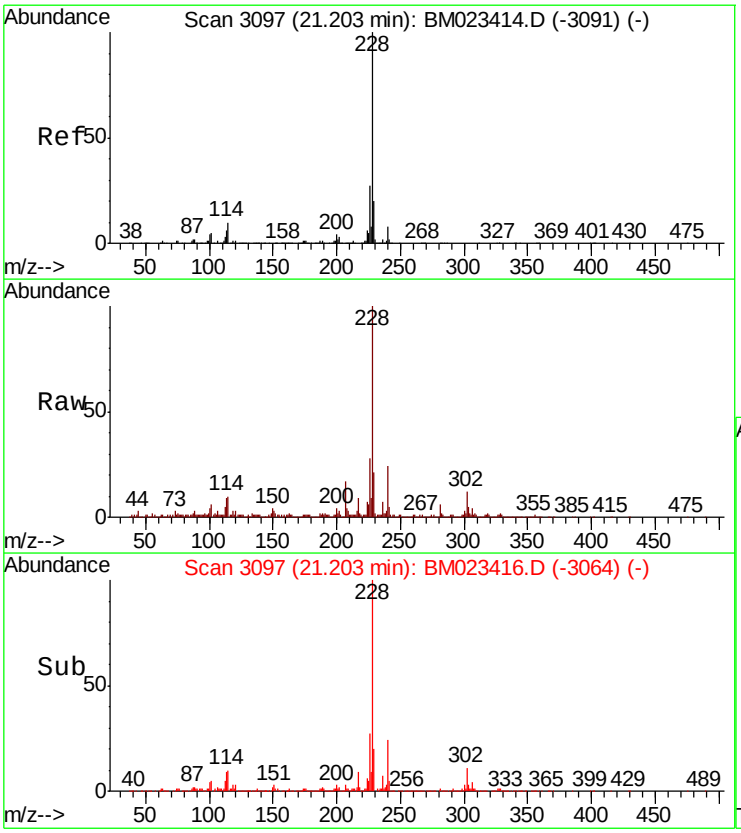
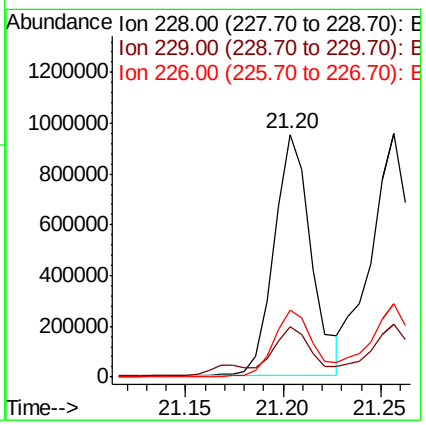
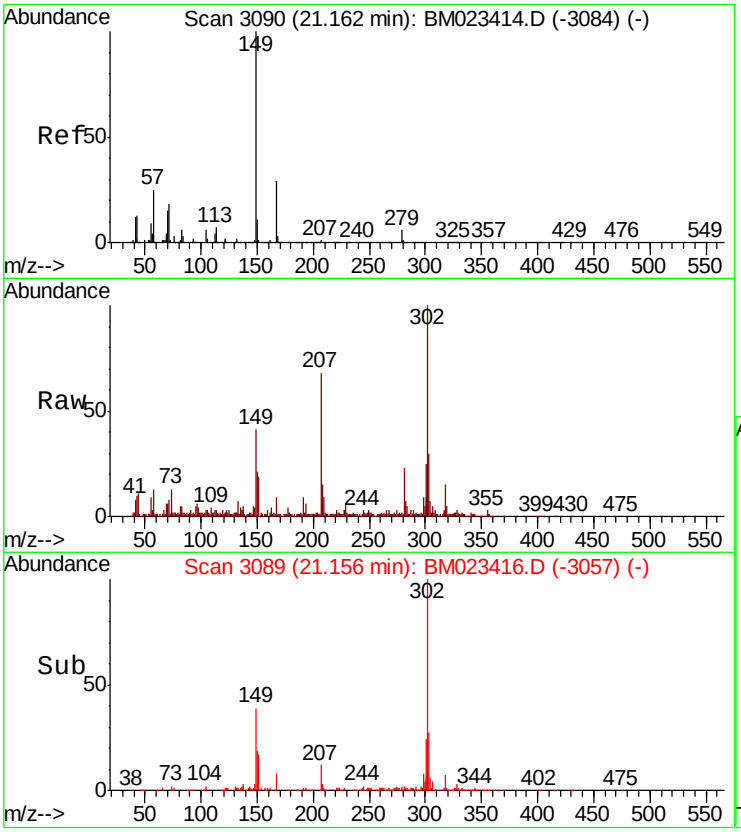


#83
Benzo(a)anthracene
Concen: 9.416 ng/ul
RT: 21.20 min Scan# 3097
Delta R.T. -0.01 min
Lab File: BM023416.D
Acq: 28 Oct 2019 13:12

Tgt Ion:228 Resp: 1258974

Ion	Ratio	Lower	Upper
228	100		
229	20.9	15.8	23.8
226	27.7	21.6	32.4

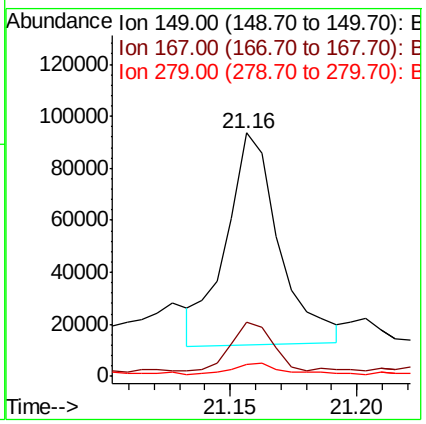




#84
Bis(2-ethylhexyl)phthalate
Concen: 1.476 ng/ul
RT: 21.16 min Scan# 3089
Delta R.T. -0.01 min
Lab File: BM023416.D
Acq: 28 Oct 2019 13:12

Tgt Ion:149 Resp: 119567

Ion	Ratio	Lower	Upper
149	100		
167	22.4	22.9	34.3#
279	4.9	4.1	6.1



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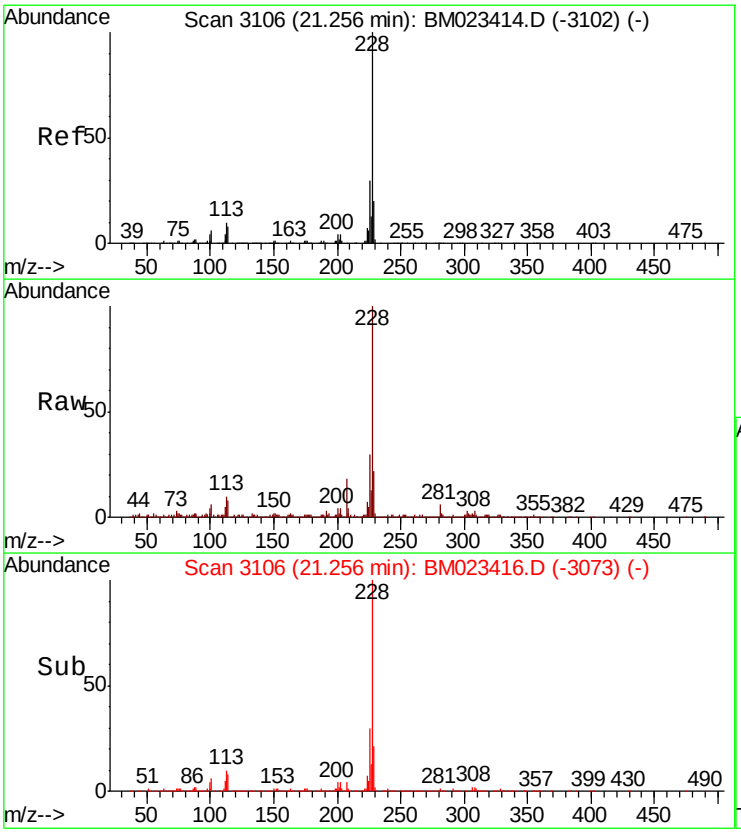
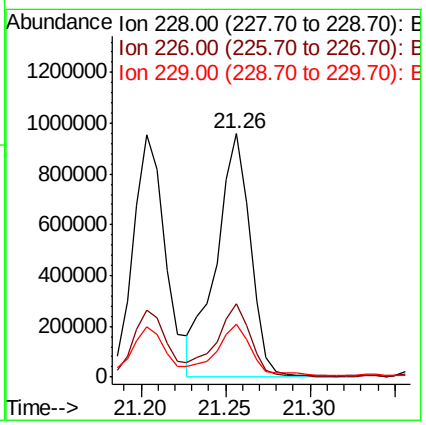
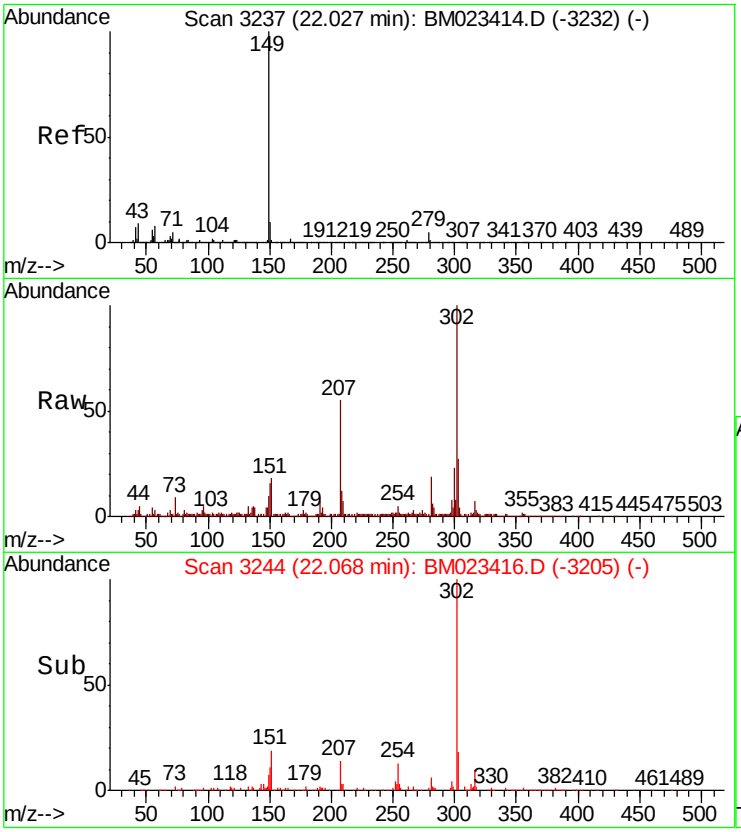


#85
Chrysene
Concen: 10.872 ng/ul
RT: 21.26 min Scan# 3106
Delta R.T. -0.01 min
Lab File: BM023416.D
Acq: 28 Oct 2019 13:12

Tgt Ion:228 Resp: 1341178

Ion	Ratio	Lower	Upper
228	100		
226	30.0	24.0	36.0
229	21.8	16.0	24.0





#87
Di-n-octyl phthalate
Concen: 1.777 ng/ul
RT: 22.07 min Scan# 3244
Delta R.T. 0.03 min
Lab File: BM023416.D
Acq: 28 Oct 2019 13:12

Tgt Ion:149 Resp: 251532

Instrument :
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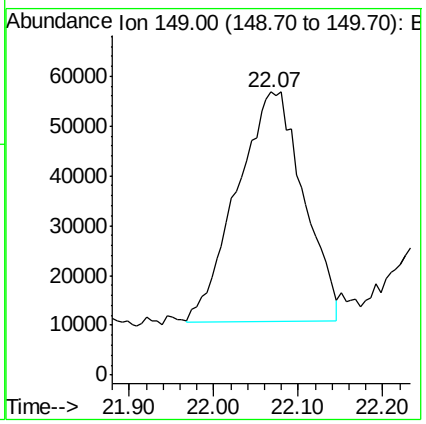
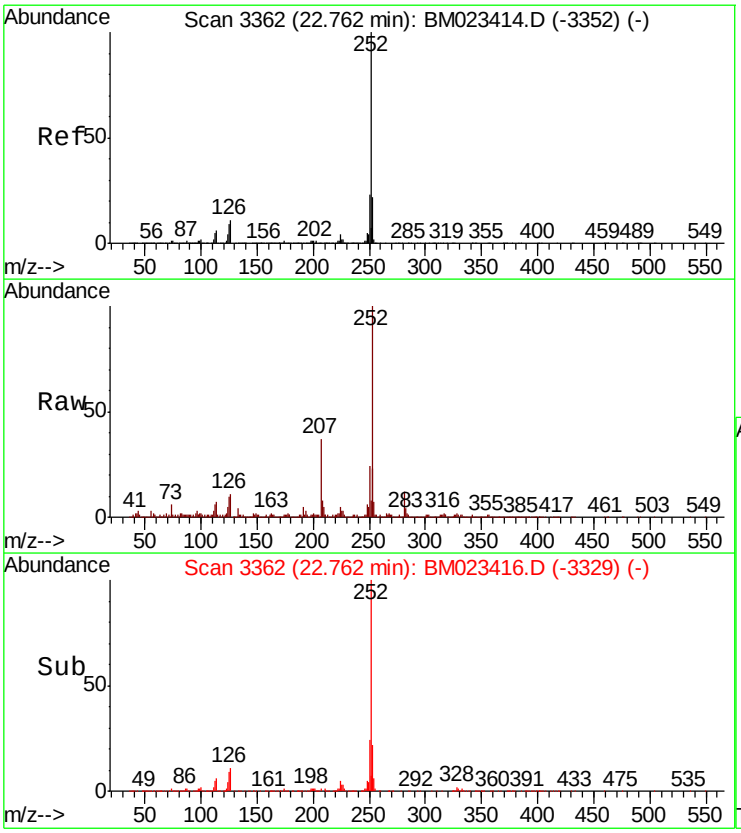
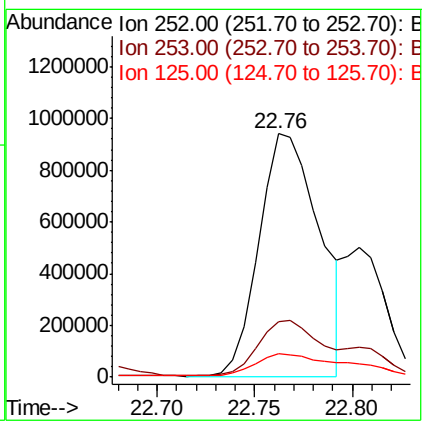


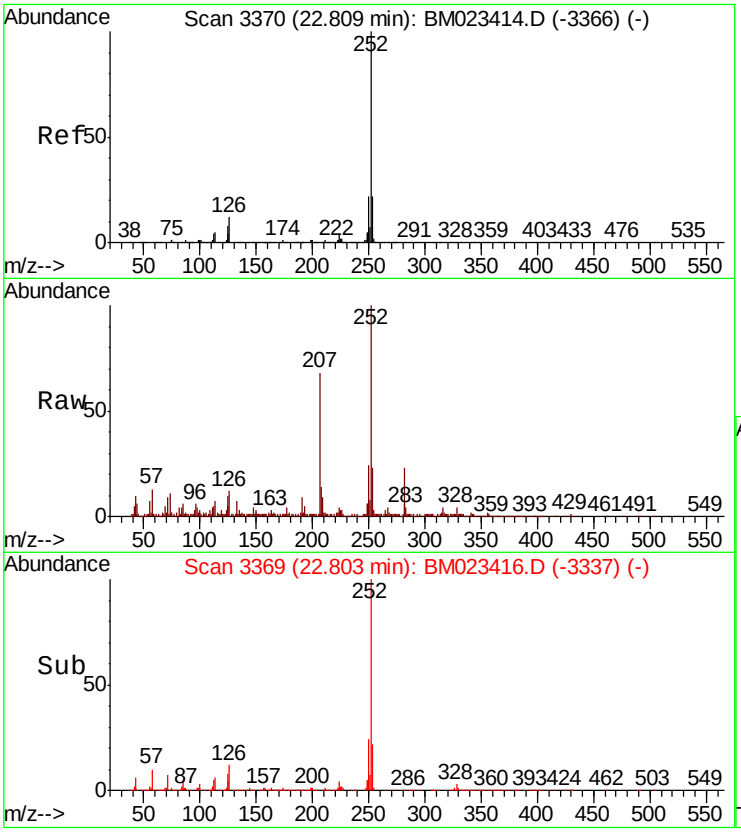


#88
Benzo(b)fluoranthene
Concen: 13.038 ng/ul
RT: 22.76 min Scan# 3362
Delta R.T. -0.01 min
Lab File: BM023416.D
Acq: 28 Oct 2019 13:12

Tgt Ion:252 Resp: 2015295

Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.5	26.3
125	9.5	7.1	10.7

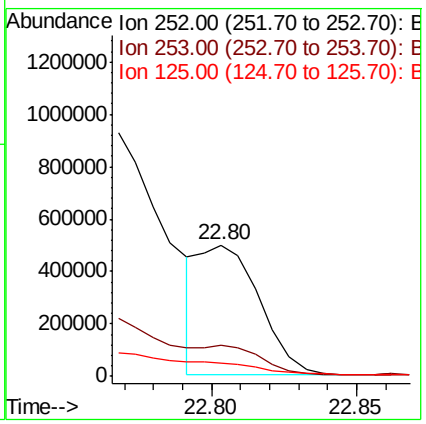




#89
Benzo(k)fluoranthene
Concen: 4.917 ng/ul m
RT: 22.80 min Scan# 3369
Delta R.T. -0.01 min
Lab File: BM023416.D
Acq: 28 Oct 2019 13:12

Tgt Ion:252 Resp: 713672

Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.8	26.6
125	9.9	6.8	10.2



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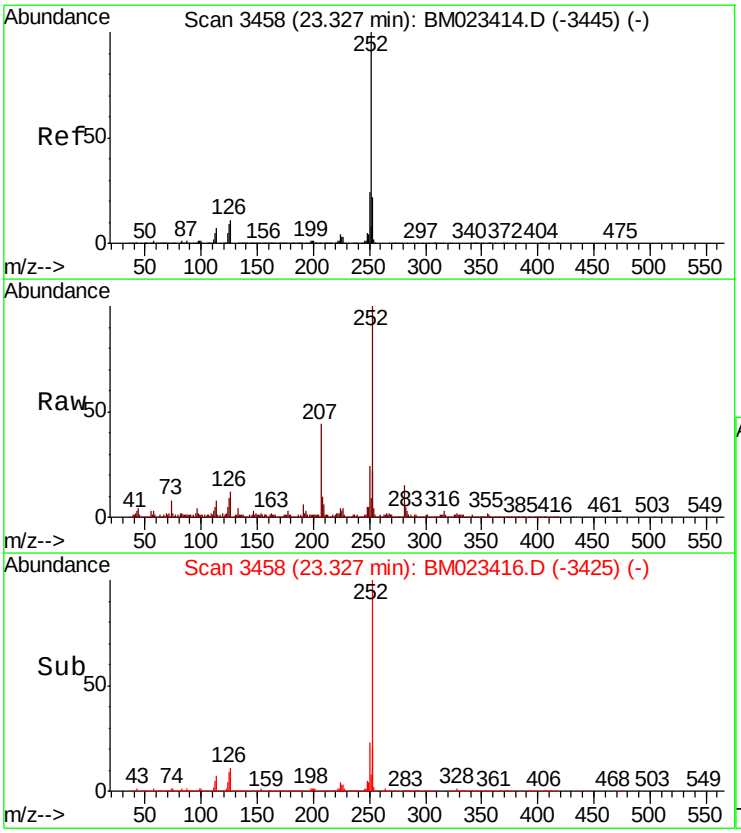
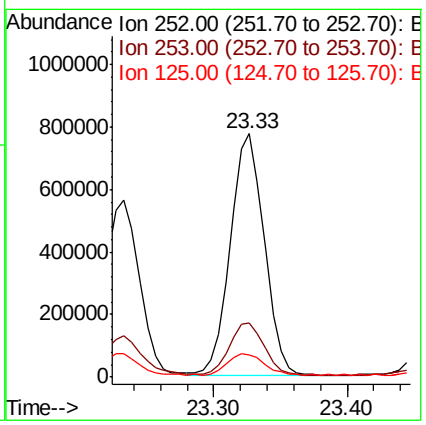
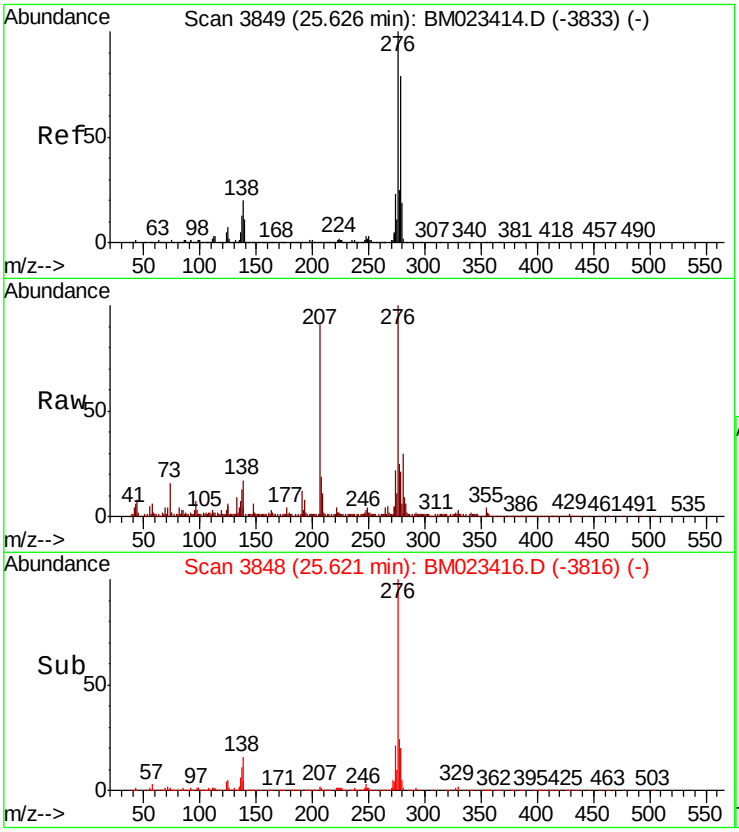


#91
Benzo(a)pyrene
Concen: 9.732 ng/ul
RT: 23.33 min Scan# 3458
Delta R.T. -0.01 min
Lab File: BM023416.D
Acq: 28 Oct 2019 13:12

Tgt Ion:252 Resp: 1361888

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.7	26.5
125	9.4	7.5	11.3

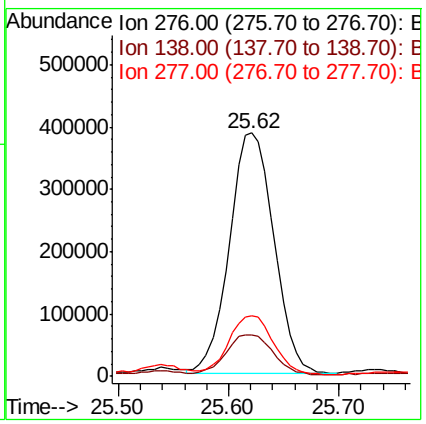




#92
Indeno(1,2,3-cd)pyrene
Concen: 7.223 ng/ul
RT: 25.62 min Scan# 3848
Delta R.T. -0.01 min
Lab File: BM023416.D
Acq: 28 Oct 2019 13:12

Tgt Ion:276 Resp: 1094459

Ion	Ratio	Lower	Upper
276	100		
138	17.0	15.7	23.5
277	24.7	20.2	30.2



Instrument :
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ClientSampleId :
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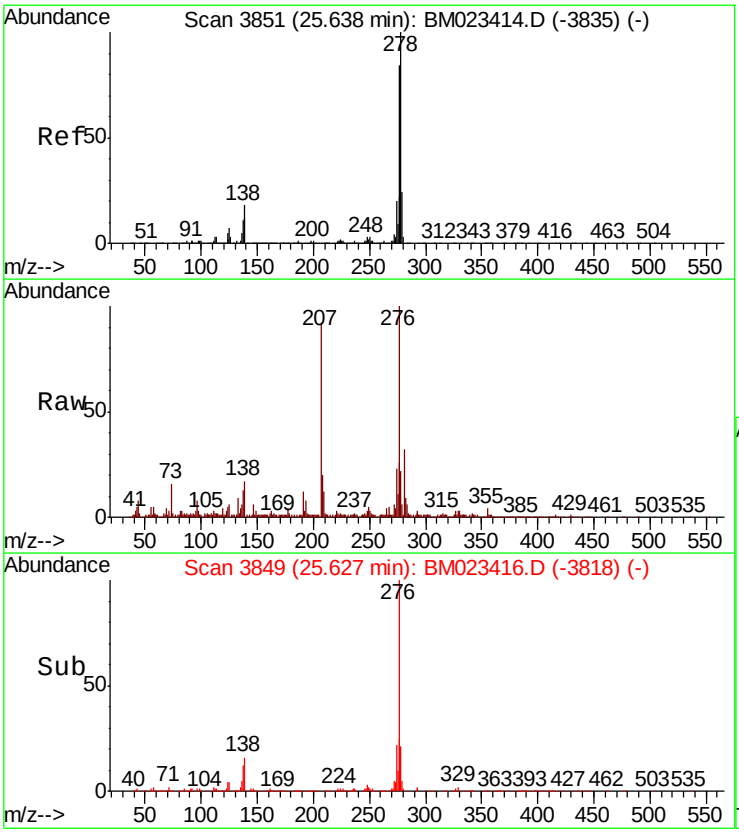
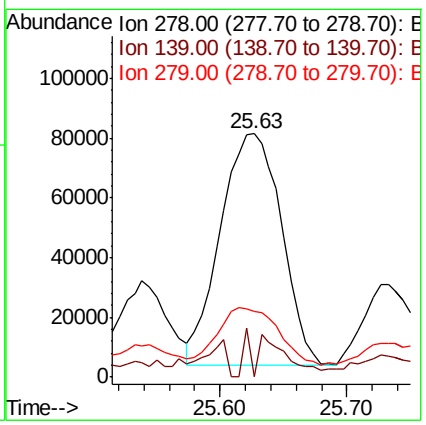
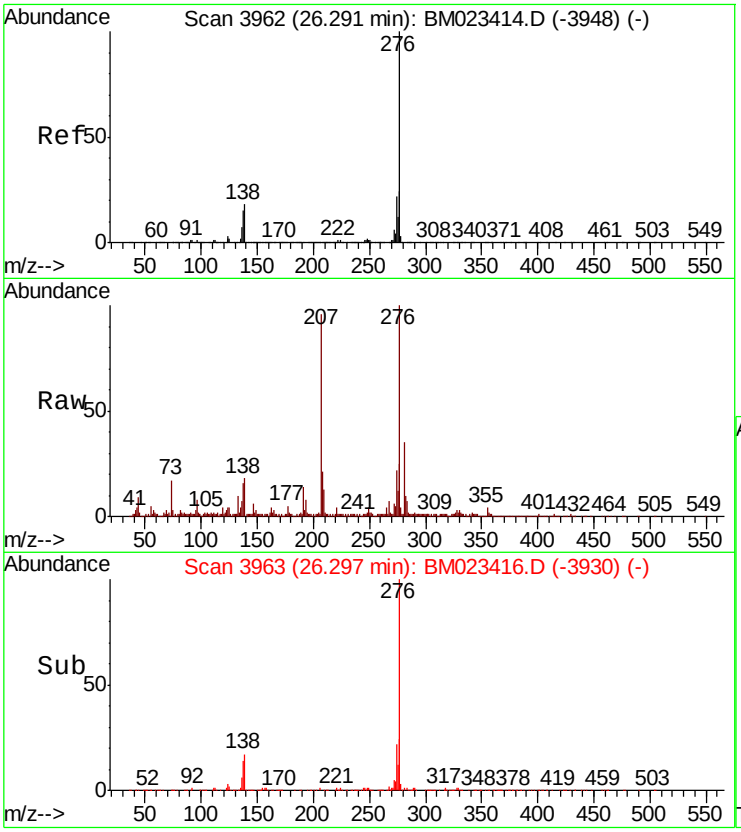


#93
Dibenzo(a,h)anthracene
Concen: 2.024 ng/ul
RT: 25.63 min Scan# 3849
Delta R.T. -0.02 min
Lab File: BM023416.D
Acq: 28 Oct 2019 13:12

Tgt Ion:278 Resp: 258647

Ion	Ratio	Lower	Upper
278	100		
139	0.0	10.9	16.3#
279	27.2	18.7	28.1

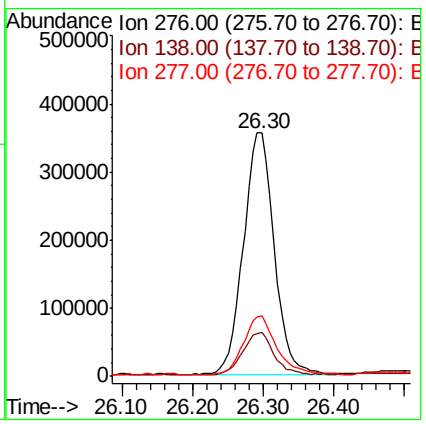




#94
Benzo(g,h,i)perylene
Concen: 8.733 ng/ul
RT: 26.30 min Scan# 3963
Delta R.T. -0.01 min
Lab File: BM023416.D
Acq: 28 Oct 2019 13:12

Tgt Ion:276 Resp: 1076654

Ion	Ratio	Lower	Upper
276	100		
138	18.0	14.4	21.6
277	24.6	19.0	28.6



Instrument :
BNA_M
ClientSampleId :
C0007

Manual Integrations APPROVED
mohammad
10/29/2019 3:35:08 PM