Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072921\
Data File : BM031362.D
Acq On : 01 Aug 2021 23:29
Operator : CG/JU
Sample : M3107-03DL 5X
Misc :
ALS Vial : 58 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BGD13DL

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8/2/2021 3:43:51 PM

Quant Time: Aug 02 08:50:48 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM072821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 02 08:49:39 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.604	152	2189	0.400	ng/ul		0.00
4) Naphthalene-d8	10.365	136	8269	0.400	ng/ul		0.00
9) Acenaphthene-d10	14.235	164	4677	0.400	ng/ul		0.00
13) Phenanthrene-d10	16.982	188	9042	0.400	ng/ul	#	0.00
17) Chrysene-d12	21.171	240	7046	0.400	ng/ul	#	0.00
23) Perylene-d12	23.334	264	6664	0.400	ng/ul		0.00
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.200	96	905	0.372	ng/ul		0.00
6) 2-Methylnaphthalene-d10	11.962	152	356	0.026	ng/ul		0.00
18) Fluoranthene-d10	19.012	212	698	0.030	ng/ul		0.00
Target Compounds							Qvalue
5) Naphthalene	10.415	128	2017	0.082	ng/ul	#	92
7) 2-Methylnaphthalene	12.038	142	535	0.032	ng/ul		97
8) 1-Methylnaphthalene	12.259	142	395	0.024	ng/ul		99
10) Acenaphthylene	13.954	152	1025	0.051	ng/ul	#	84
11) Acenaphthene	14.296	153	983	0.059	ng/ul		97
12) Fluorene	15.289	166	1557	0.081	ng/ul	#	97
15) Phenanthrene	17.023	178	28039	0.977	ng/ul		98
16) Anthracene	17.114	178	7161	0.266	ng/ul		99
19) Fluoranthene	19.043	202	42228	1.404	ng/ul	#	95
20) Pyrene	19.405	202	30195	0.989	ng/ul	#	94
21) Benzo(a)anthracene	21.157	228	24400	0.858	ng/ul		98
22) Chrysene	21.207	228	20980	0.713	ng/ul		97
24) Benzo(b)fluoranthene	22.692	252	28637m	0.954	ng/ul		
25) Benzo(k)fluoranthene	22.730	252	10994m	0.354	ng/ul		
26) Benzo(a)pyrene	23.239	252	12462	0.474	ng/ul	#	93
27) Indeno(1,2,3-cd)pyrene	25.475	276	10372	0.305	ng/ul	#	98
28) Dibenzo(a,h)anthracene	25.485	278	3464	0.126	ng/ul	#	66
29) Benzo(g,h,i)perylene	26.132	276	640	0.022	ng/ul	#	5

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

Quantitation Report (QT Reviewed)

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Misc :
ALS Vial : 58 Sample Multiplier: 1

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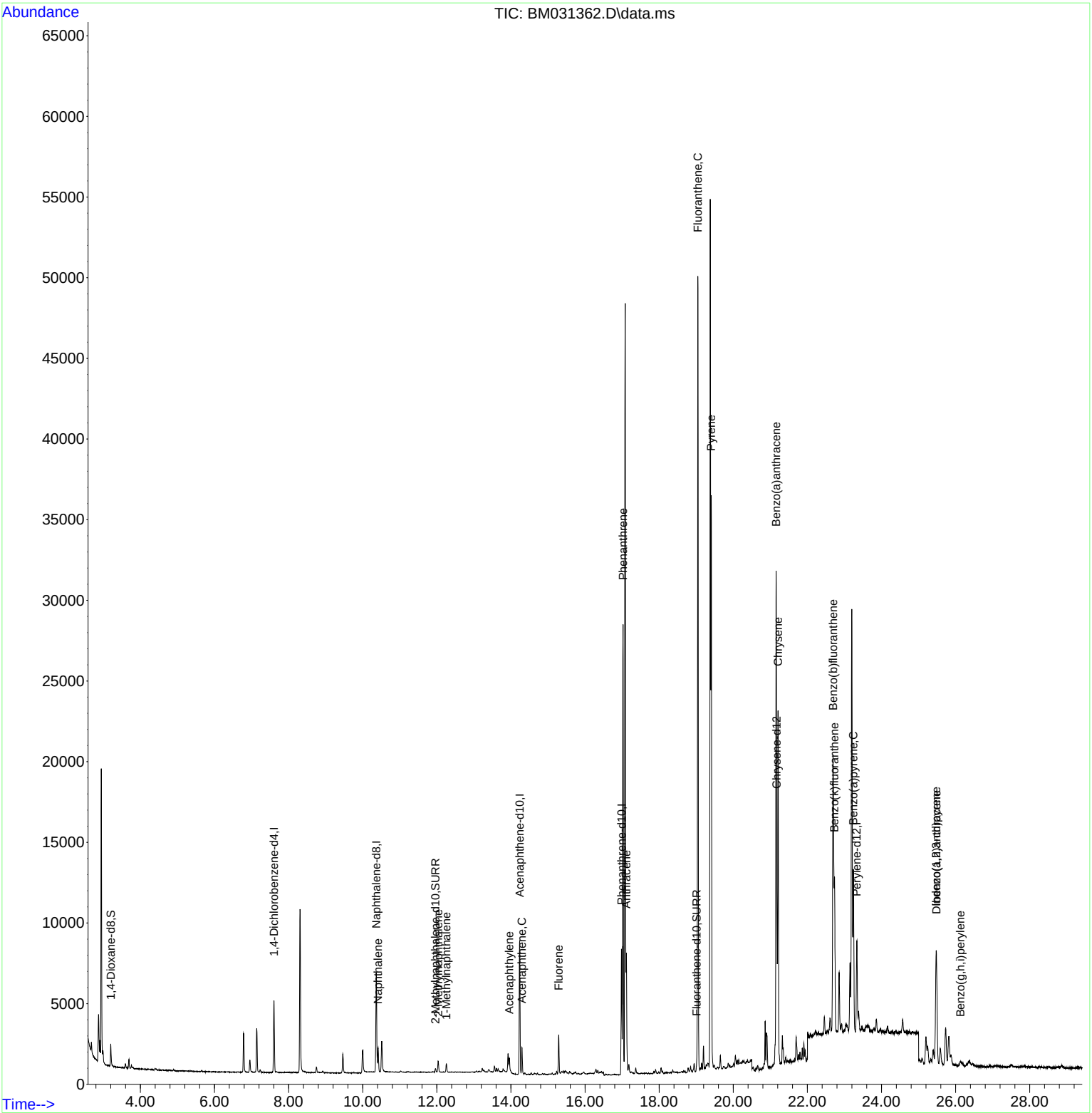
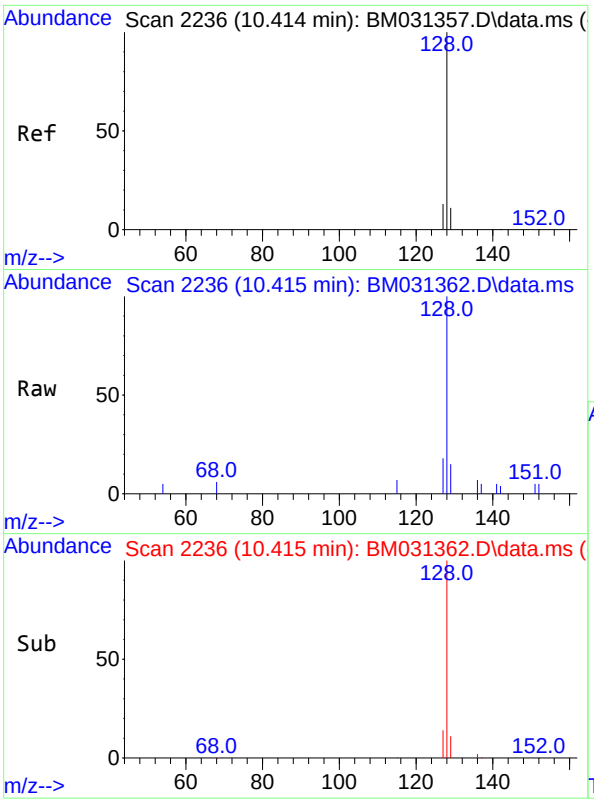
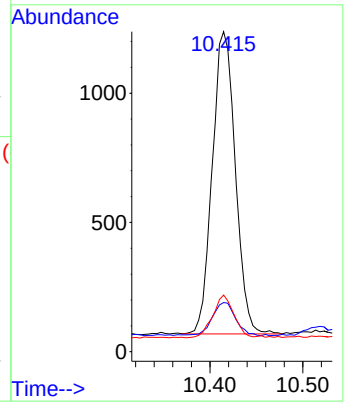




#5
Naphthalene
Concen: 0.082 ng/ul
RT: 10.415 min Scan# 2236
Delta R.T. -0.008 min
Lab File: BM031362.D
Acq: 01 Aug 2021 23:29

Tgt Ion:128 Resp: 2017

Ion	Ratio	Lower	Upper
128	100		
129	15.3	10.0	15.0#
127	17.7	11.6	17.4#



Instrument :
BNA_M
ClientSampleId :
BGD13DL

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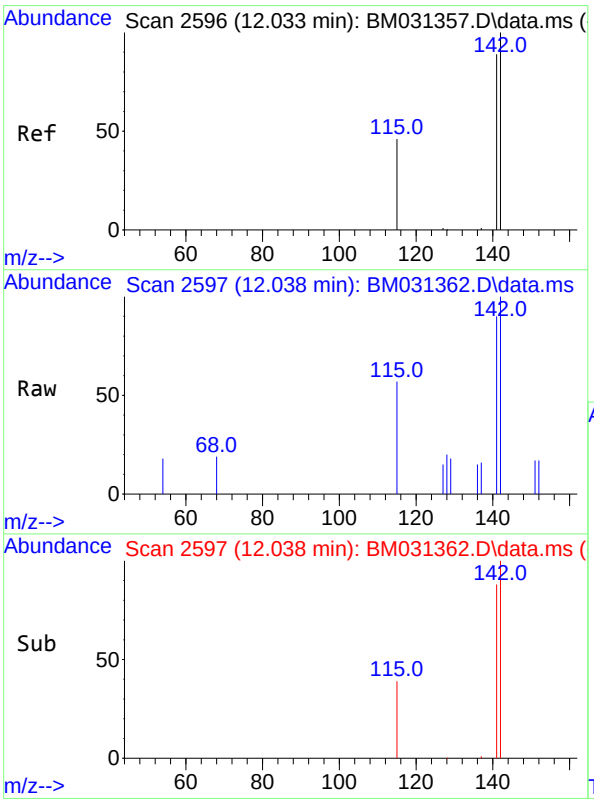
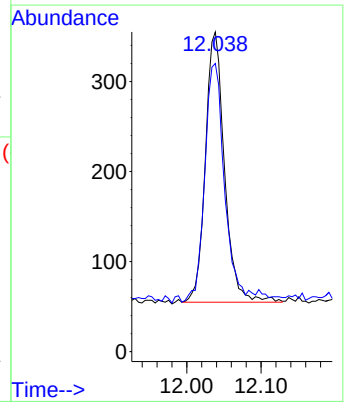
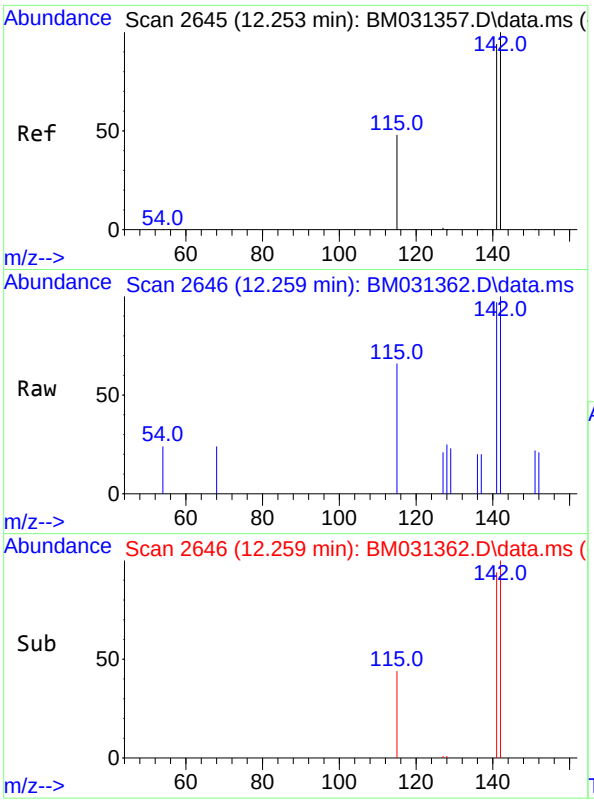


#7
2-Methylnaphthalene
Concen: 0.032 ng/ul
RT: 12.038 min Scan# 2597
Delta R.T. -0.003 min
Lab File: BM031362.D
Acq: 01 Aug 2021 23:29

Tgt Ion:142 Resp: 535

Ion	Ratio	Lower	Upper
142	100		
141	92.1	71.4	107.0

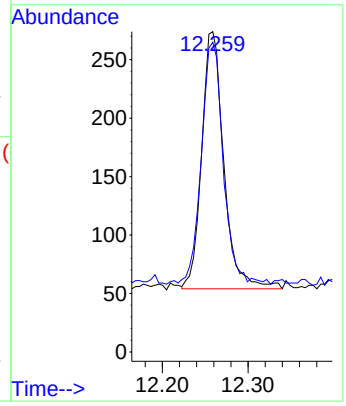




#8
1-Methylnaphthalene
Concen: 0.024 ng/ul
RT: 12.259 min Scan# 2646
Delta R.T. -0.008 min
Lab File: BM031362.D
Acq: 01 Aug 2021 23:29

Tgt Ion:142 Resp: 395

Ion	Ratio	Lower	Upper
142	100		
141	93.4	74.1	111.1



Instrument :
BNA_M
ClientSampleId :
BGD13DL

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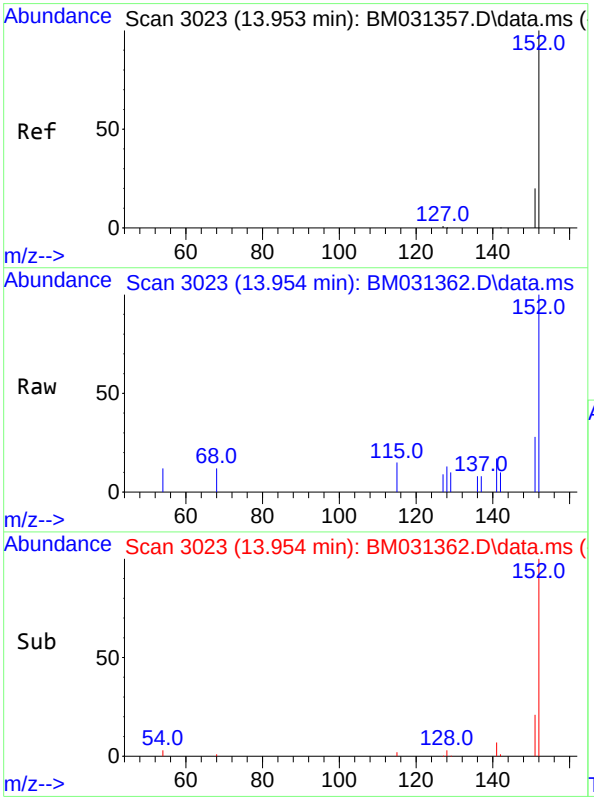
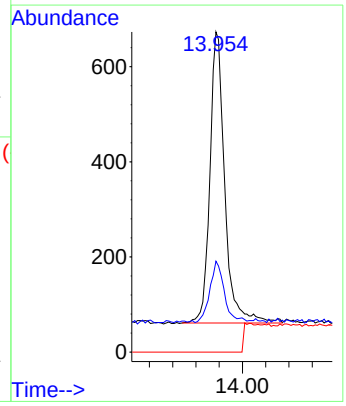
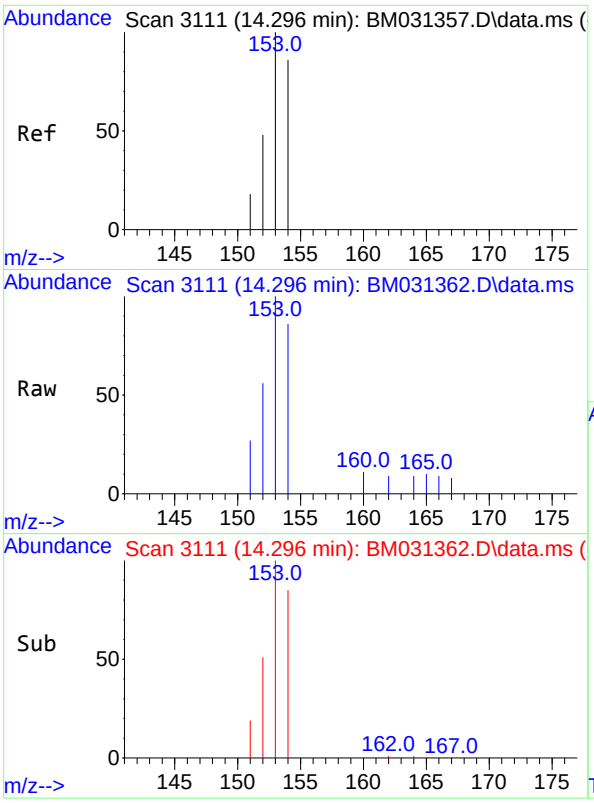


#10
Acenaphthylene
Concen: 0.051 ng/ul
RT: 13.954 min Scan# 3023
Delta R.T. -0.008 min
Lab File: BM031362.D
Acq: 01 Aug 2021 23:29

Tgt Ion:152 Resp: 1025

Ion	Ratio	Lower	Upper
152	100		
151	28.4	16.9	25.3#
153	0.0	0.0	0.0

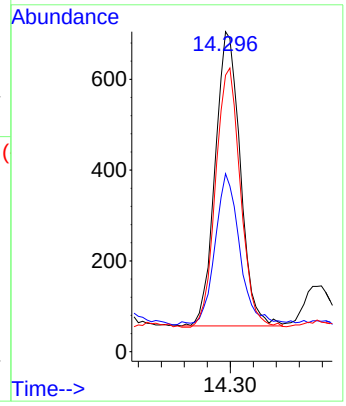




#11
Acenaphthene
Concen: 0.059 ng/ul
RT: 14.296 min Scan# 3111
Delta R.T. -0.007 min
Lab File: BM031362.D
Acq: 01 Aug 2021 23:29

Tgt Ion:153 Resp: 983

Ion	Ratio	Lower	Upper
153	100		
152	55.6	40.7	61.1
154	86.4	70.2	105.2



Instrument :
BNA_M
ClientSampleId :
BGD13DL

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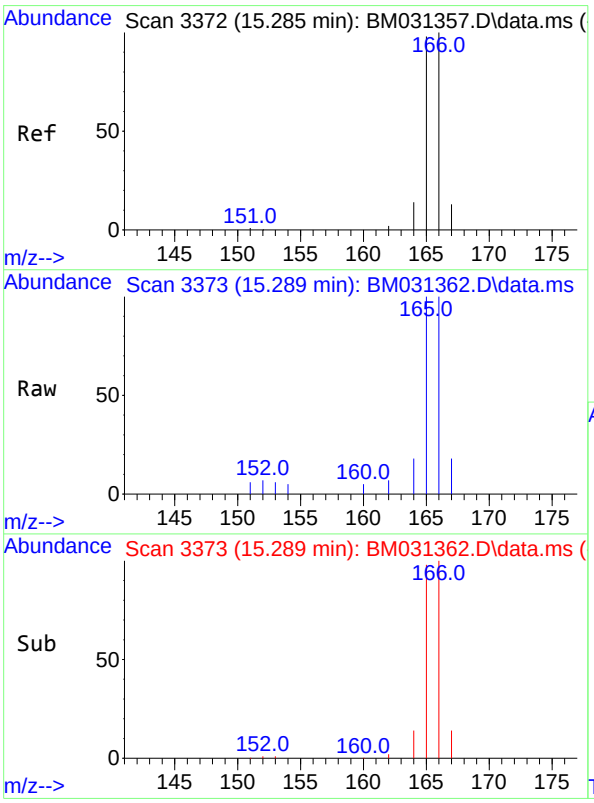
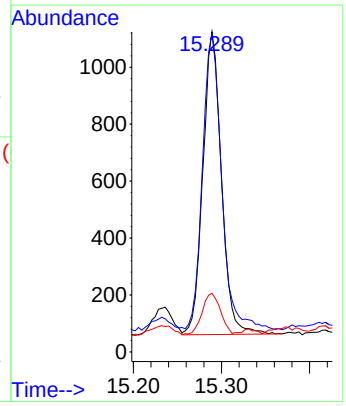
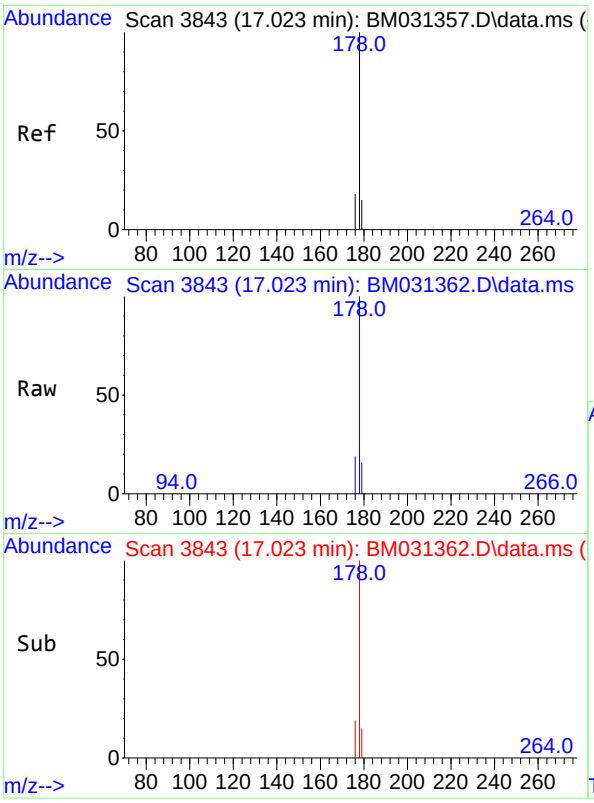


#12
Fluorene
Concen: 0.081 ng/ul
RT: 15.289 min Scan# 3373
Delta R.T. -0.007 min
Lab File: BM031362.D
Acq: 01 Aug 2021 23:29

Tgt Ion:166 Resp: 1557

Ion	Ratio	Lower	Upper
166	100		
165	99.6	78.0	117.0
167	18.3	12.0	18.0#

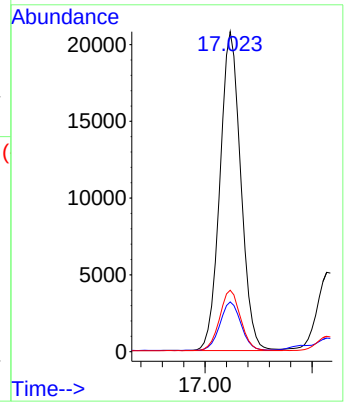


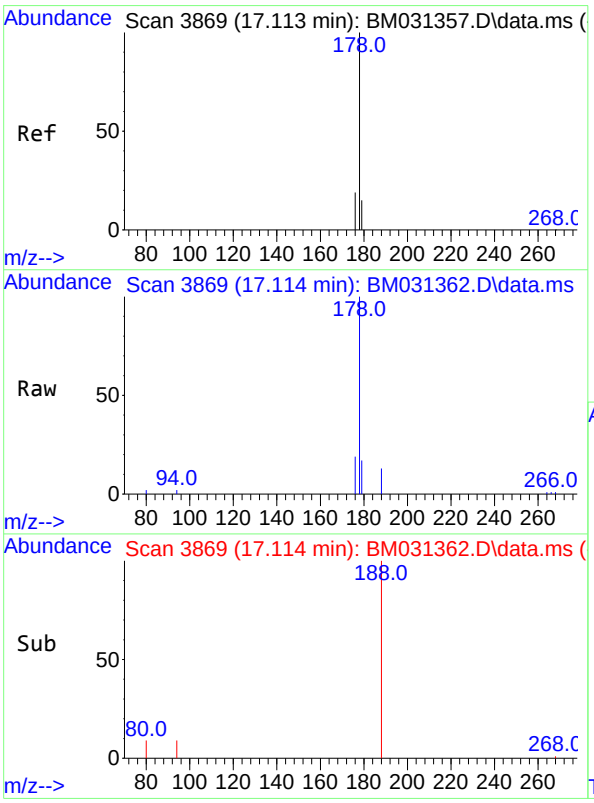


#15
Phenanthrene
Concen: 0.977 ng/ul
RT: 17.023 min Scan# 3843
Delta R.T. -0.006 min
Lab File: BM031362.D
Acq: 01 Aug 2021 23:29

Tgt Ion:178 Resp: 28039

Ion	Ratio	Lower	Upper
178	100		
179	15.6	13.3	19.9
176	19.2	16.2	24.4

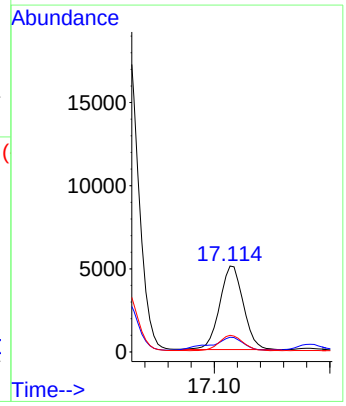




#16
Anthracene
Concen: 0.266 ng/ul
RT: 17.114 min Scan# 3869
Delta R.T. -0.006 min
Lab File: BM031362.D
Acq: 01 Aug 2021 23:29

Tgt Ion:178 Resp: 7161

Ion	Ratio	Lower	Upper
178	100		
179	17.2	13.0	19.6
176	19.4	15.6	23.4



Instrument :
BNA_M
ClientSampleId :
BGD13DL

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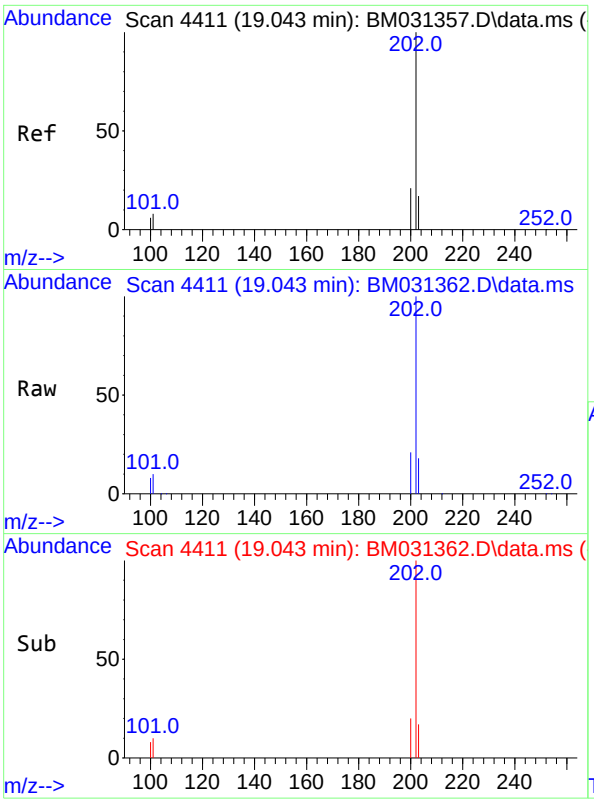
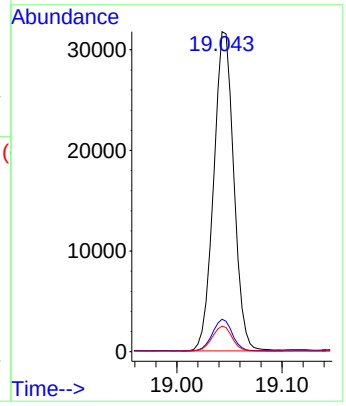
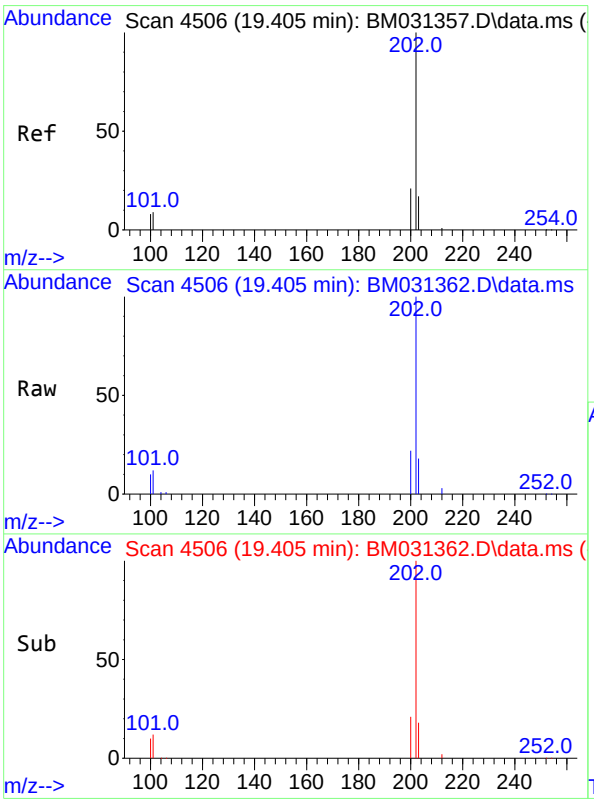


#19
Fluoranthene
Concen: 1.404 ng/ul
RT: 19.043 min Scan# 4411
Delta R.T. -0.007 min
Lab File: BM031362.D
Acq: 01 Aug 2021 23:29

Tgt Ion:202 Resp: 42228

Ion	Ratio	Lower	Upper
202	100		
101	10.2	6.6	10.0#
100	8.0	5.4	8.0

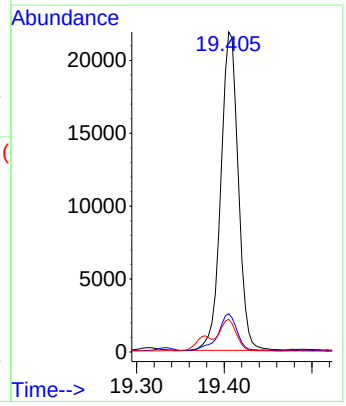




#20
Pyrene
Concen: 0.989 ng/ul
RT: 19.405 min Scan# 4506
Delta R.T. -0.007 min
Lab File: BM031362.D
Acq: 01 Aug 2021 23:29

Tgt Ion:202 Resp: 30195

Ion	Ratio	Lower	Upper
202	100		
101	11.9	7.8	11.6#
100	10.2	6.6	10.0#



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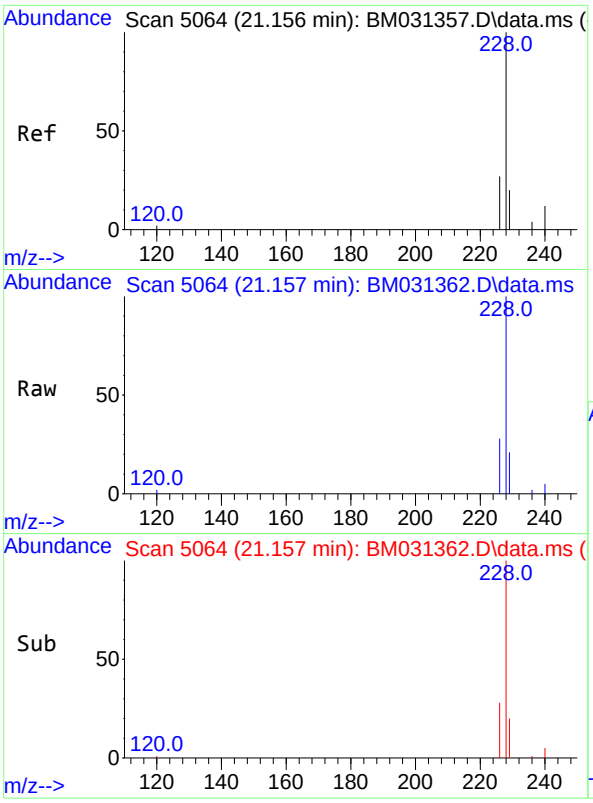
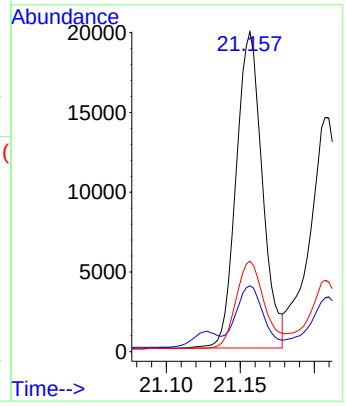


#21
Benzo(a)anthracene
Concen: 0.858 ng/ul
RT: 21.157 min Scan# 5064
Delta R.T. -0.004 min
Lab File: BM031362.D
Acq: 01 Aug 2021 23:29

Tgt Ion:228 Resp: 24400

Ion	Ratio	Lower	Upper
228	100		
229	20.6	15.6	23.4
226	28.3	21.7	32.5



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ClientSampleId :
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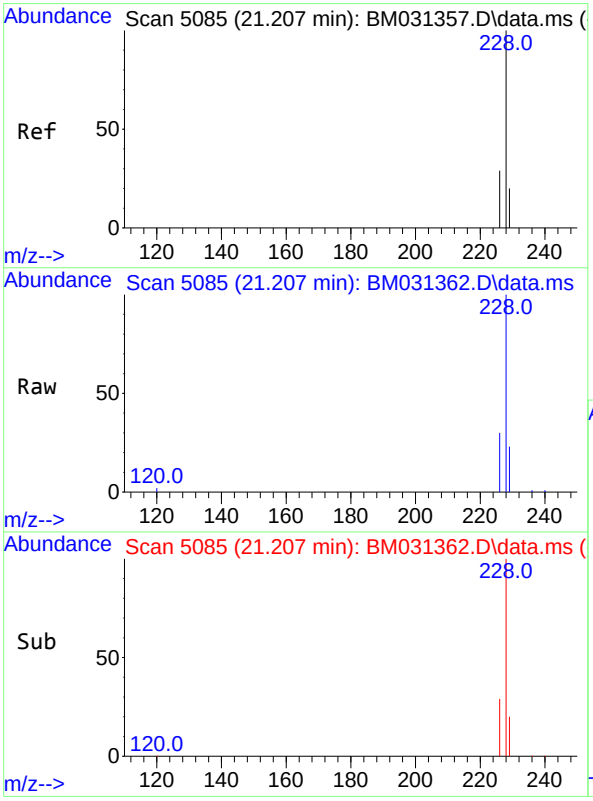
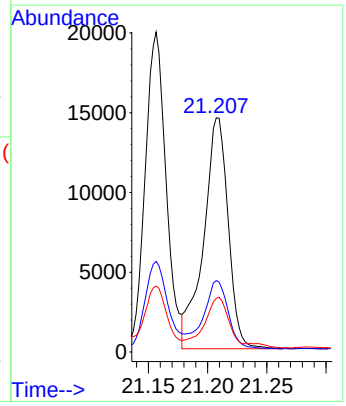
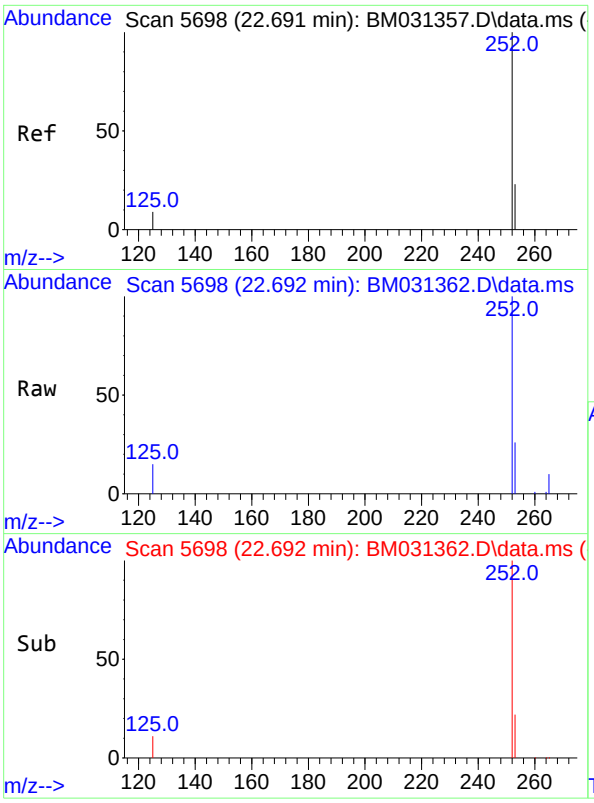


#22
Chrysene
Concen: 0.713 ng/ul
RT: 21.207 min Scan# 5085
Delta R.T. -0.007 min
Lab File: BM031362.D
Acq: 01 Aug 2021 23:29

Tgt Ion:228 Resp: 20980

Ion	Ratio	Lower	Upper
228	100		
226	30.4	24.7	37.1
229	23.0	16.2	24.2

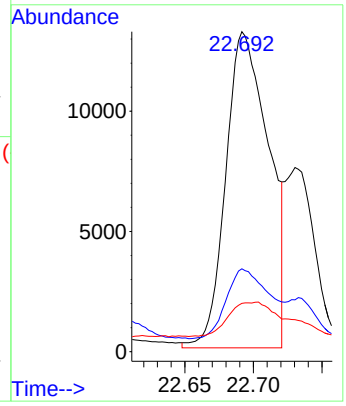


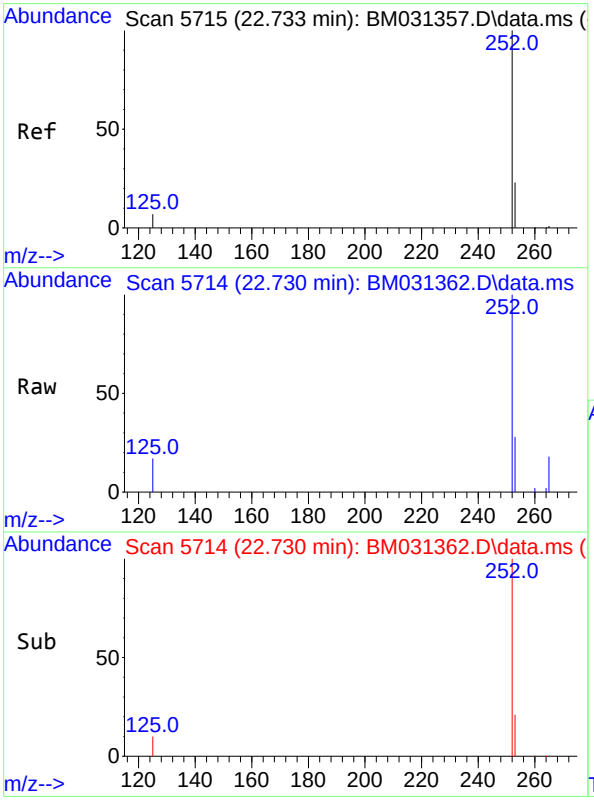


#24
Benzo(b)fluoranthene
Concen: 0.954 ng/ul m
RT: 22.692 min Scan# 5698
Delta R.T. -0.007 min
Lab File: BM031362.D
Acq: 01 Aug 2021 23:29

Tgt Ion:252 Resp: 28637

Ion	Ratio	Lower	Upper
252	100		
253	25.9	0.0	53.0
125	15.1	0.0	22.8

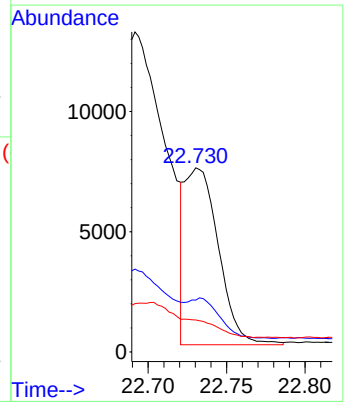




#25
Benzo(k)fluoranthene
Concen: 0.354 ng/ul m
RT: 22.730 min Scan# 5714
Delta R.T. -0.009 min
Lab File: BM031362.D
Acq: 01 Aug 2021 23:29

Tgt Ion:252 Resp: 10994

Ion	Ratio	Lower	Upper
252	100		
253	28.2	21.3	31.9
125	17.4	8.8	13.2#



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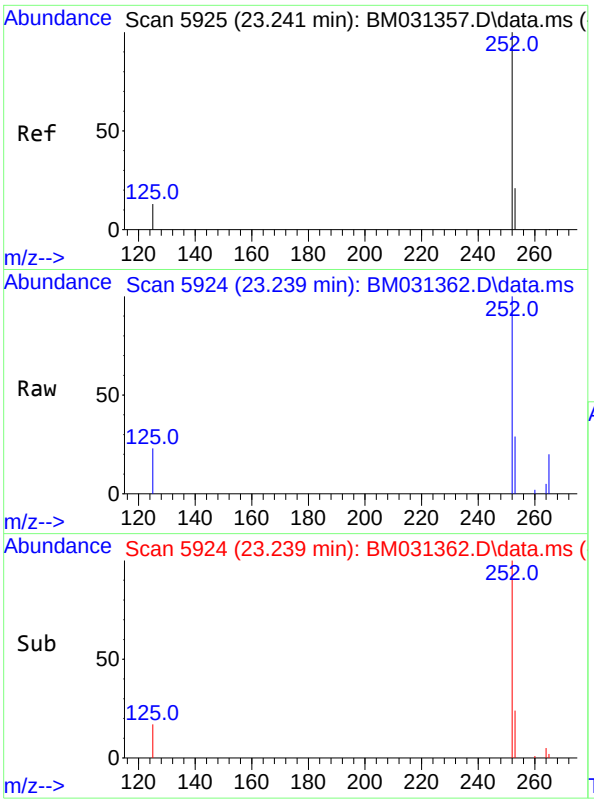
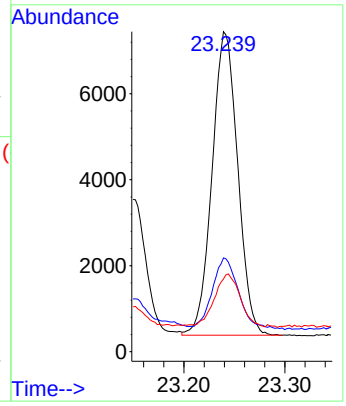
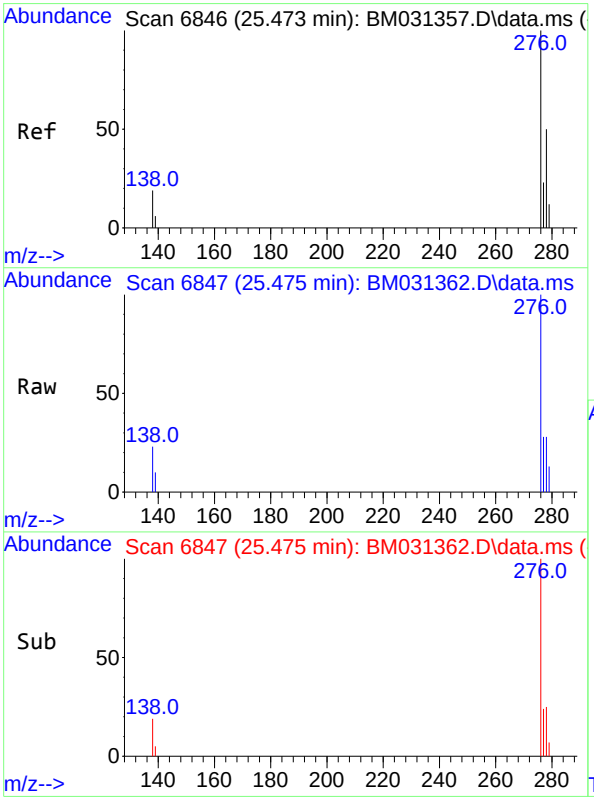


#26
Benzo(a)pyrene
Concen: 0.474 ng/ul
RT: 23.239 min Scan# 5924
Delta R.T. -0.009 min
Lab File: BM031362.D
Acq: 01 Aug 2021 23:29

Tgt Ion:252 Resp: 12462

Ion	Ratio	Lower	Upper
252	100		
253	29.3	22.4	33.6
125	22.7	13.0	19.4#

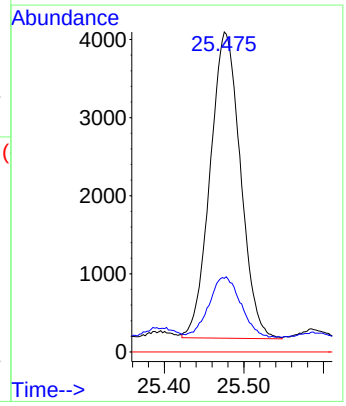




#27
Indeno(1,2,3-cd)pyrene
Concen: 0.305 ng/ul
RT: 25.475 min Scan# 6847
Delta R.T. -0.014 min
Lab File: BM031362.D
Acq: 01 Aug 2021 23:29

Tgt Ion:276 Resp: 10372

Ion	Ratio	Lower	Upper
276	100		
138	20.9	15.8	23.8
227	0.0	0.0	0.0



Instrument :
BNA_M
ClientSampleId :
BGD13DL

Manual Integrations APPROVED
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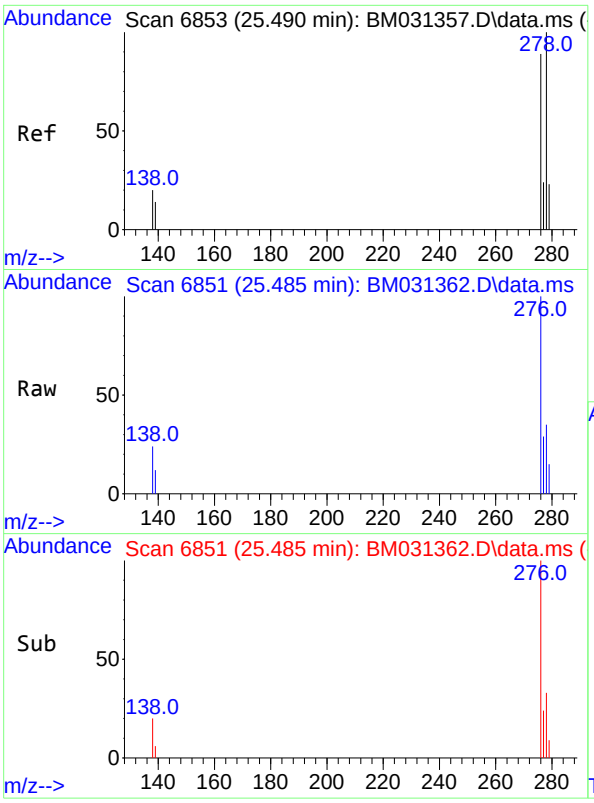
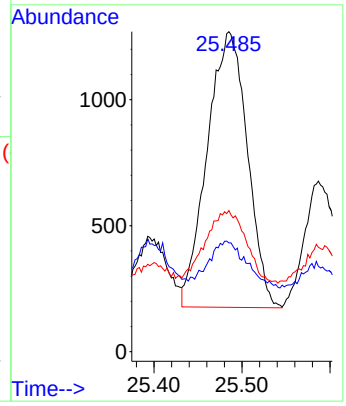


#28
Dibenzo(a,h)anthracene
Concen: 0.126 ng/ul
RT: 25.485 min Scan# 6851
Delta R.T. -0.019 min
Lab File: BM031362.D
Acq: 01 Aug 2021 23:29

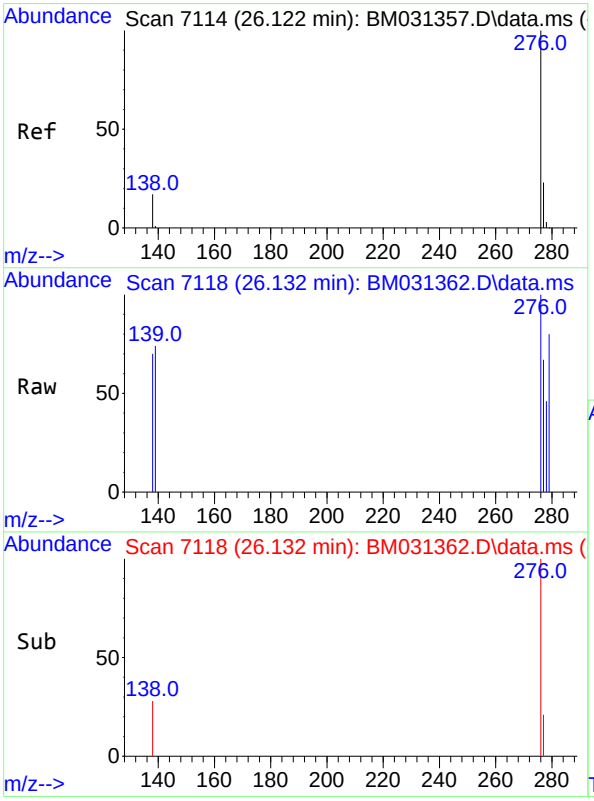
Tgt Ion:278 Resp: 3464

Ion	Ratio	Lower	Upper
278	100		
139	34.0	13.3	19.9#
279	44.1	22.8	34.2#



Instrument :
BNA_M
ClientSampleId :
BGD13DL

Manual Integrations APPROVED
mohammad
8/2/2021 3:43:51 PM



#29
Benzo(g,h,i)perylene
Concen: 0.022 ng/ul
RT: 26.132 min Scan# 7118
Delta R.T. -0.012 min
Lab File: BM031362.D
Acq: 01 Aug 2021 23:29

Tgt Ion:276 Resp: 640

Ion	Ratio	Lower	Upper
276	100		
138	69.5	15.4	23.2#
277	66.8	19.9	29.9#