Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101521\
Data File : BM032556.D
Acq On : 16 Oct 2021 10:11
Operator : CG/JU
Sample : M4029-16
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C00S7

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Quant Time: Oct 18 05:28:34 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM101421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 15 12:37:00 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.553	152	8935	0.40	ng/ul	0.00
4) Naphthalene-d8	10.334	136	27491	0.40	ng/ul	0.00
9) Acenaphthene-d10	14.209	164	13487	0.40	ng/ul	0.00
13) Phenanthrene-d10	16.946	188	23668	0.40	ng/ul	# 0.00
17) Chrysene-d12	21.125	240	13976	0.40	ng/ul	0.00
23) Perylene-d12	23.261	264	14149	0.40	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.923	96	16914	1.69	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.936	152	4331	0.12	ng/ul	0.00
18) Fluoranthene-d10	18.969	212	6876	0.16	ng/ul	-0.01
Target Compounds						Qvalue
5) Naphthalene	10.384	128	3256	0.04	ng/ul#	93
7) 2-Methylnaphthalene	12.008	142	1715	0.03	ng/ul	99
10) Acenaphthylene	13.928	152	1243	0.02	ng/ul#	52
15) Phenanthrene	16.988	178	8293	0.10	ng/ul	99
19) Fluoranthene	19.004	202	20003	0.29	ng/ul	100
20) Pyrene	19.366	202	19490	0.27	ng/ul	99
21) Benzo(a)anthracene	21.108	228	6655	0.12	ng/ul	96
22) Chrysene	21.162	228	8743	0.15	ng/ul	98
24) Benzo(b)fluoranthene	22.626	252	11537m	0.18	ng/ul	
25) Benzo(k)fluoranthene	22.663	252	4180m	0.06	ng/ul	
26) Benzo(a)pyrene	23.167	252	7119	0.13	ng/ul#	79
27) Indeno(1,2,3-cd)pyrene	25.362	276	5641	0.08	ng/ul#	94
28) Dibenzo(a,h)anthracene	25.362	278	1296	0.02	ng/ul#	36
29) Benzo(g,h,i)perylene	26.006	276	5417	0.09	ng/ul	91

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

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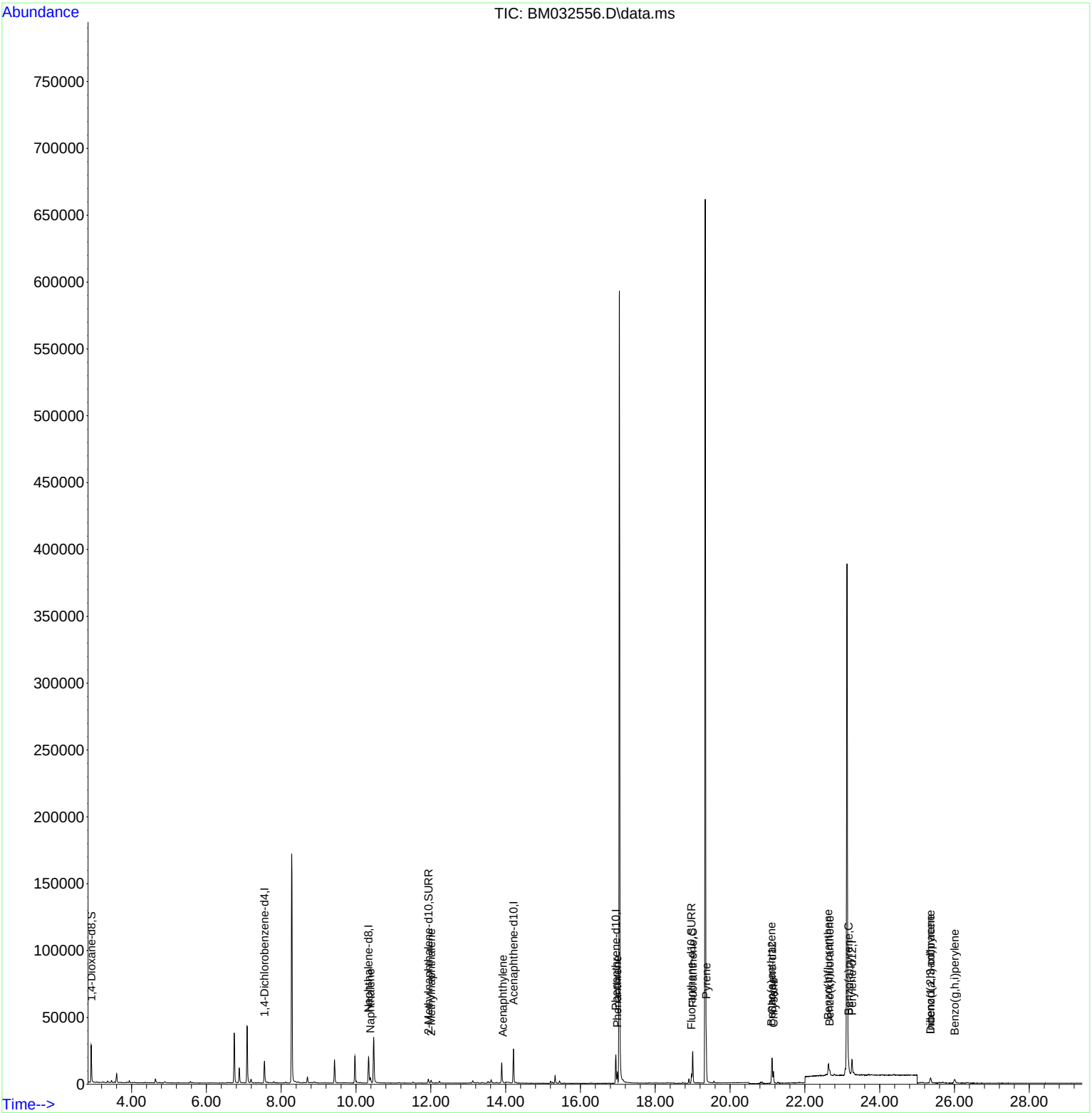
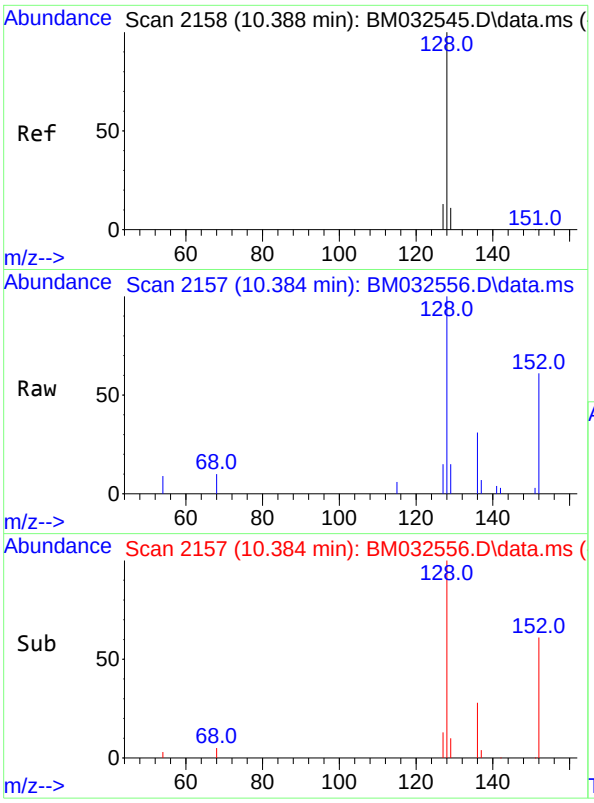
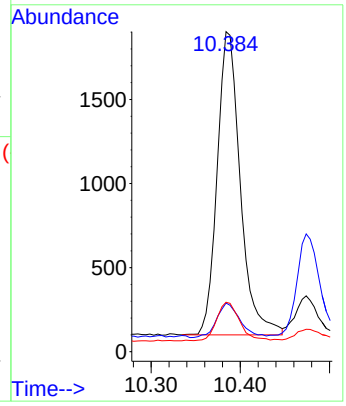


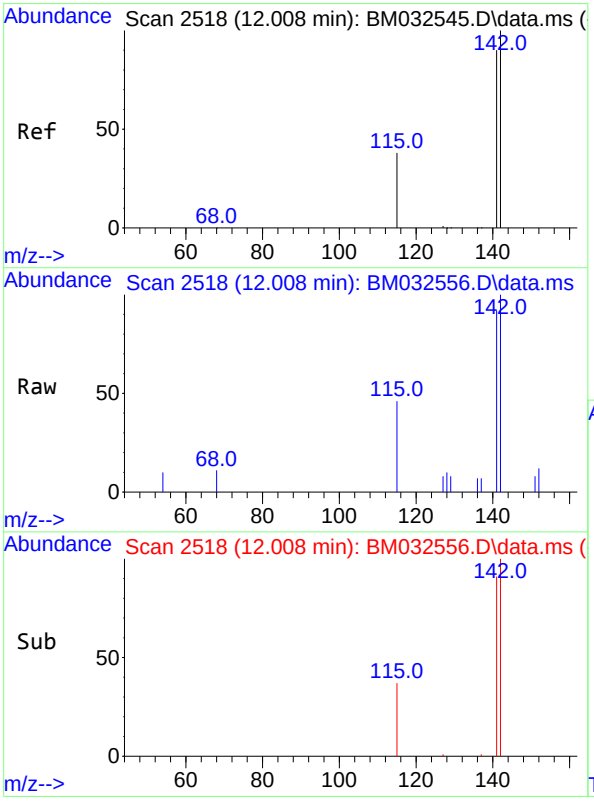


#5
Naphthalene
Concen: 0.04 ng/ul
RT: 10.384 min Scan# 2157
Delta R.T. -0.009 min
Lab File: BM032556.D
Acq: 16 Oct 2021 10:11

Tgt Ion:128 Resp: 3256

Ion	Ratio	Lower	Upper
128	100		
129	15.2	9.1	13.7#
127	15.4	11.1	16.7

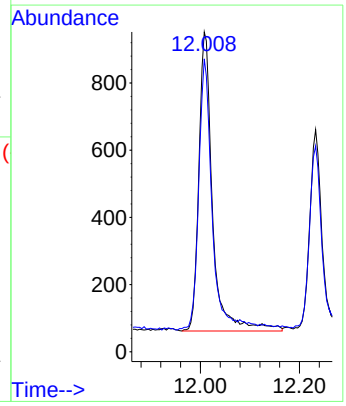




#7
2-Methylnaphthalene
Concen: 0.03 ng/ul
RT: 12.008 min Scan# 2518
Delta R.T. -0.005 min
Lab File: BM032556.D
Acq: 16 Oct 2021 10:11

Tgt Ion:142 Resp: 1715

Ion	Ratio	Lower	Upper
142	100		
141	91.3	72.2	108.2



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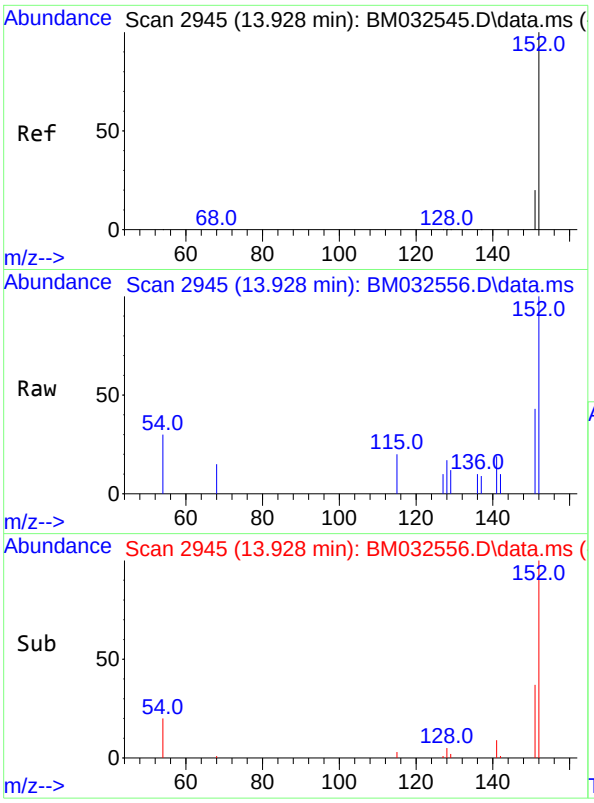
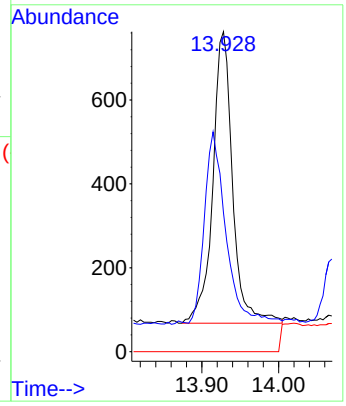


#10
Acenaphthylene
Concen: 0.02 ng/ul
RT: 13.928 min Scan# 2945
Delta R.T. -0.005 min
Lab File: BM032556.D
Acq: 16 Oct 2021 10:11

Tgt Ion:152 Resp: 1243

Ion	Ratio	Lower	Upper
152	100		
151	43.4	16.7	25.1#
153	0.0	0.0	0.0



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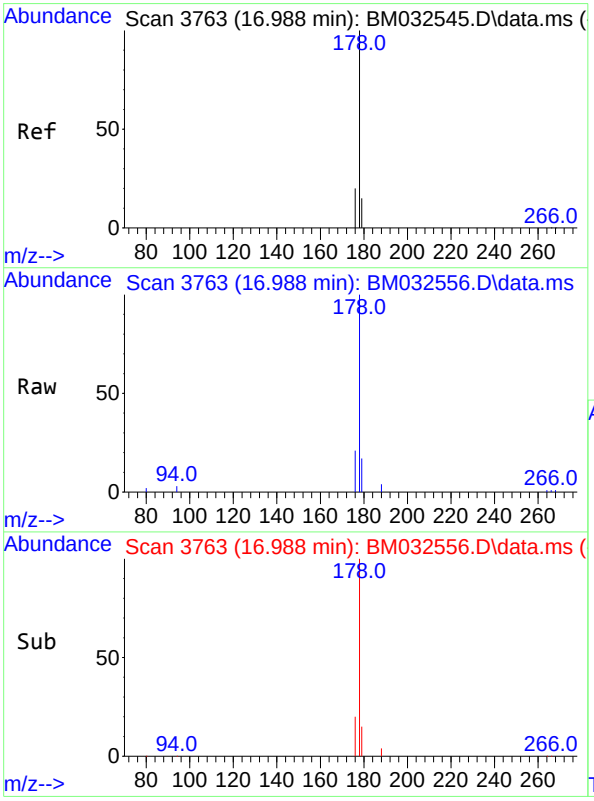
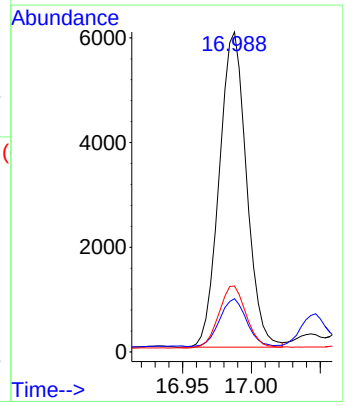
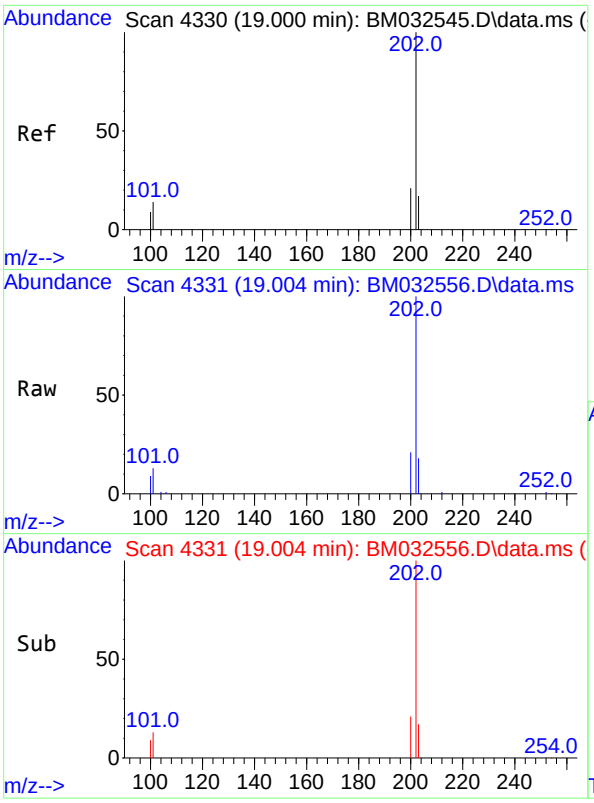


#15
Phenanthrene
Concen: 0.10 ng/ul
RT: 16.988 min Scan# 3763
Delta R.T. -0.007 min
Lab File: BM032556.D
Acq: 16 Oct 2021 10:11

Tgt Ion:178 Resp: 8293

Ion	Ratio	Lower	Upper
178	100		
179	16.6	12.9	19.3
176	20.6	16.1	24.1

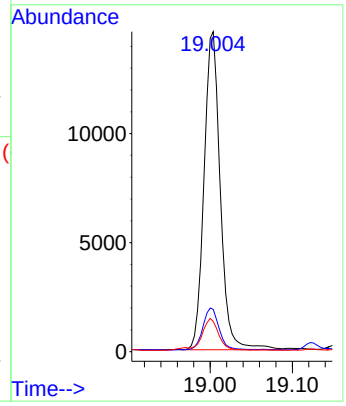




#19
Fluoranthene
Concen: 0.29 ng/ul
RT: 19.004 min Scan# 4331
Delta R.T. -0.008 min
Lab File: BM032556.D
Acq: 16 Oct 2021 10:11

Tgt Ion:202 Resp: 20003

Ion	Ratio	Lower	Upper
202	100		
101	13.3	10.6	16.0
100	9.5	7.8	11.8



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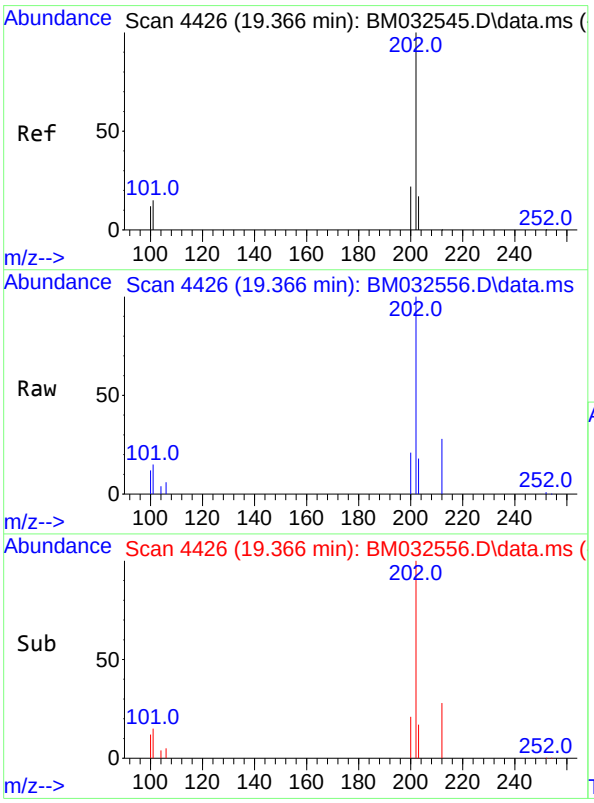
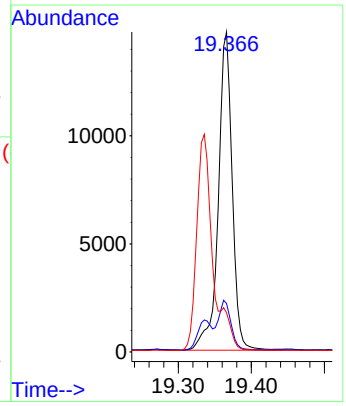
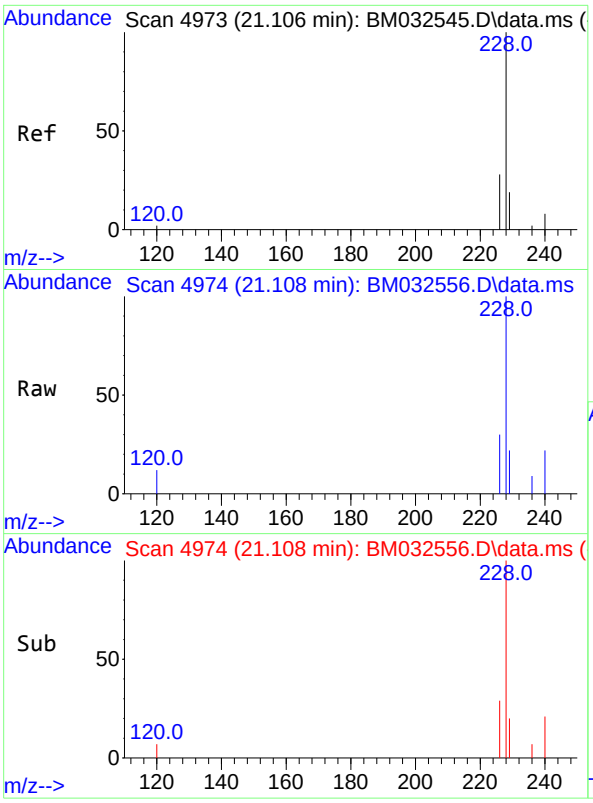


#20
Pyrene
Concen: 0.27 ng/ul
RT: 19.366 min Scan# 4426
Delta R.T. -0.008 min
Lab File: BM032556.D
Acq: 16 Oct 2021 10:11

Tgt Ion:202 Resp: 19490

Ion	Ratio	Lower	Upper
202	100		
101	15.2	12.3	18.5
100	12.3	10.1	15.1

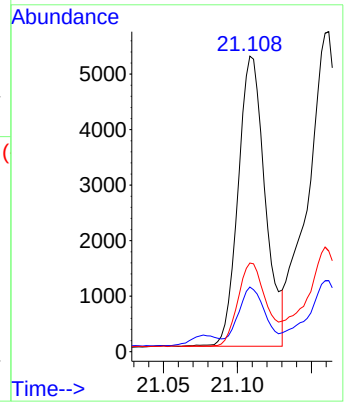


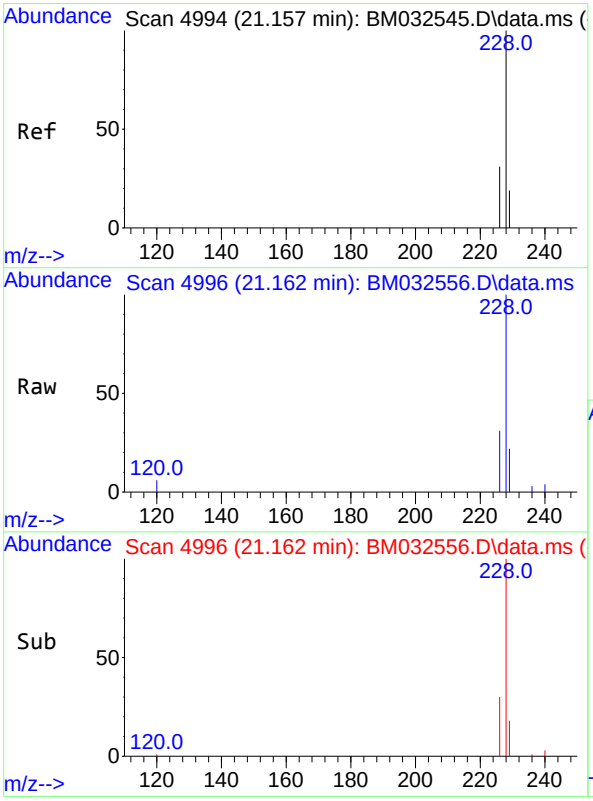


#21
Benzo(a)anthracene
Concen: 0.12 ng/ul
RT: 21.108 min Scan# 4974
Delta R.T. -0.012 min
Lab File: BM032556.D
Acq: 16 Oct 2021 10:11

Tgt Ion:228 Resp: 6655

Ion	Ratio	Lower	Upper
228	100		
229	21.9	15.9	23.9
226	30.0	22.4	33.6

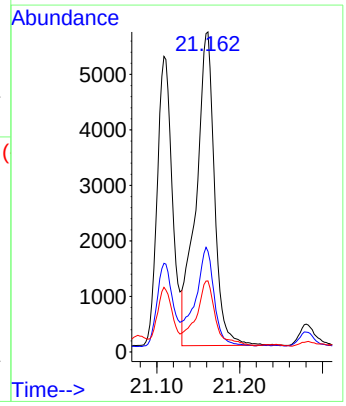




#22
Chrysene
Concen: 0.15 ng/ul
RT: 21.162 min Scan# 4996
Delta R.T. -0.010 min
Lab File: BM032556.D
Acq: 16 Oct 2021 10:11

Tgt Ion:228 Resp: 8743

Ion	Ratio	Lower	Upper
228	100		
226	31.4	25.1	37.7
229	22.2	15.7	23.5



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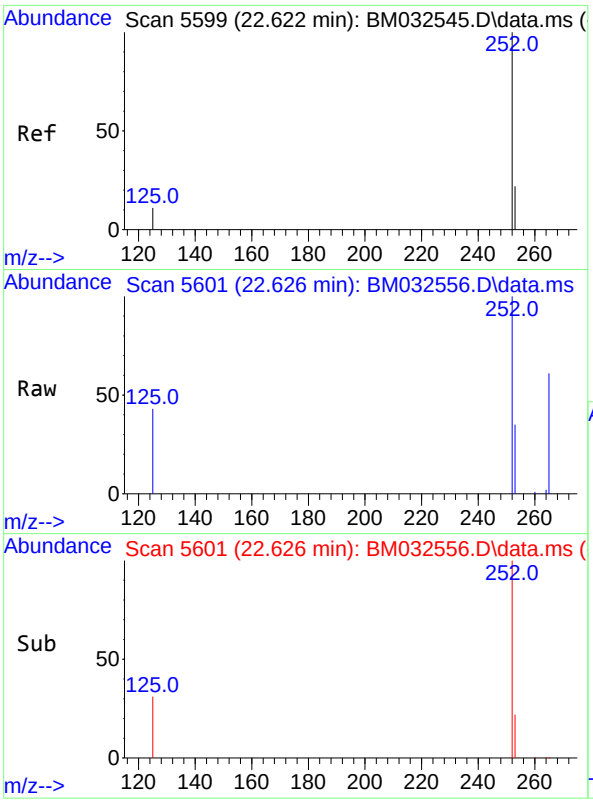
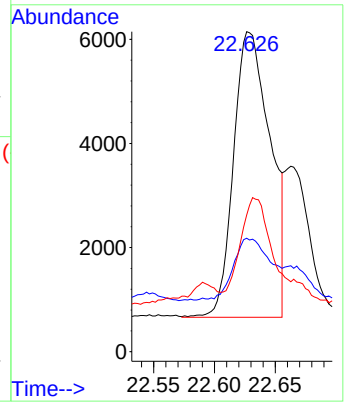
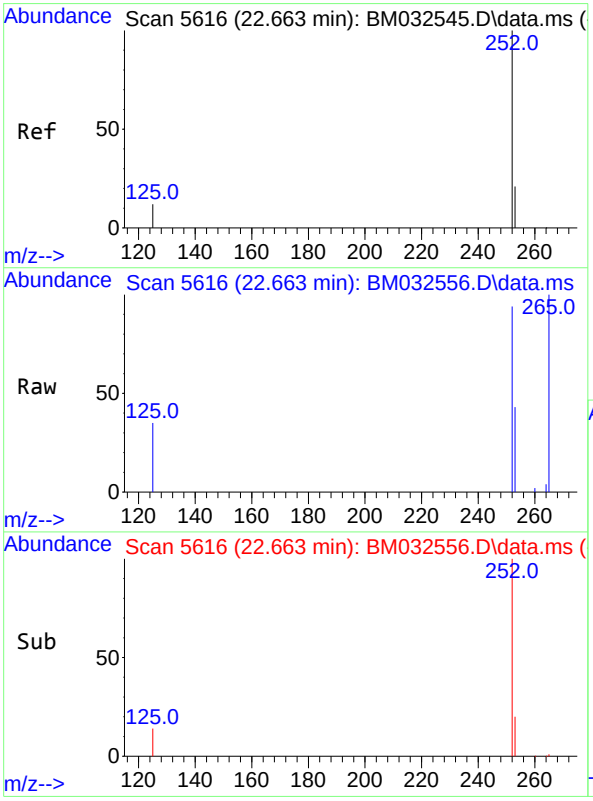


#24
Benzo(b)fluoranthene
Concen: 0.18 ng/ul m
RT: 22.626 min Scan# 5601
Delta R.T. -0.017 min
Lab File: BM032556.D
Acq: 16 Oct 2021 10:11

Tgt Ion:252 Resp: 11537

Ion	Ratio	Lower	Upper
252	100		
253	35.5	0.0	53.8
125	42.7	0.0	35.6#

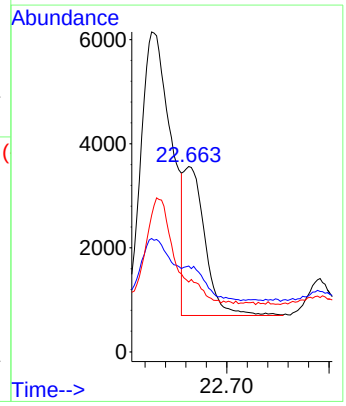




#25
Benzo(k)fluoranthene
Concen: 0.06 ng/ul m
RT: 22.663 min Scan# 5616
Delta R.T. -0.022 min
Lab File: BM032556.D
Acq: 16 Oct 2021 10:11

Tgt Ion:252 Resp: 4180

Ion	Ratio	Lower	Upper
252	100		
253	46.3	21.8	32.6#
125	37.7	14.4	21.6#



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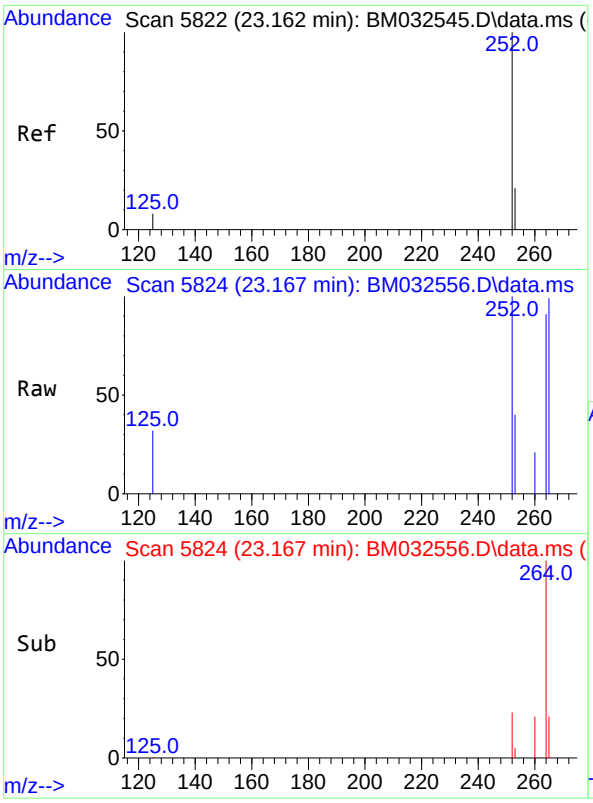
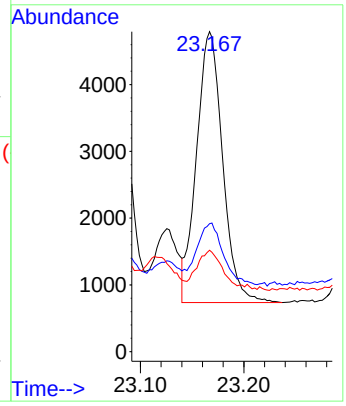


#26
Benzo(a)pyrene
Concen: 0.13 ng/ul
RT: 23.167 min Scan# 5824
Delta R.T. -0.017 min
Lab File: BM032556.D
Acq: 16 Oct 2021 10:11

Tgt Ion:252 Resp: 7119

Ion	Ratio	Lower	Upper
252	100		
253	40.0	23.6	35.4#
125	31.7	17.1	25.7#



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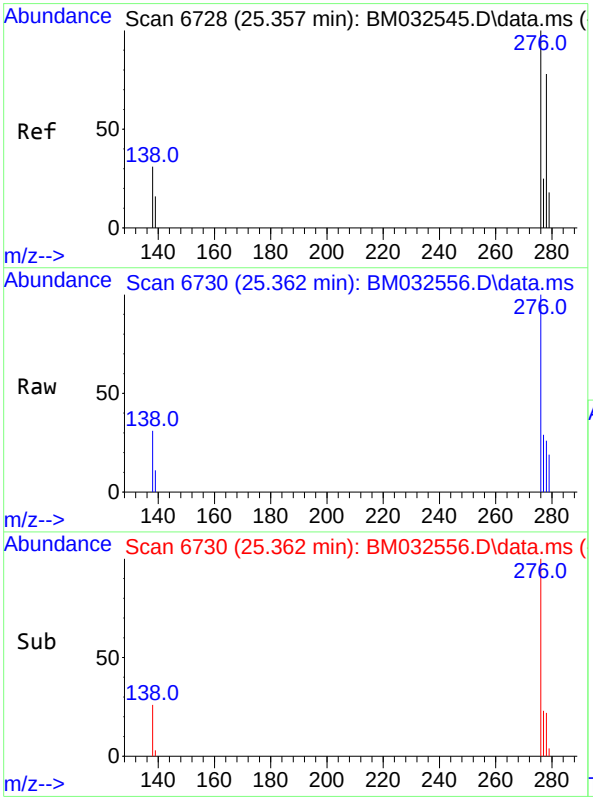
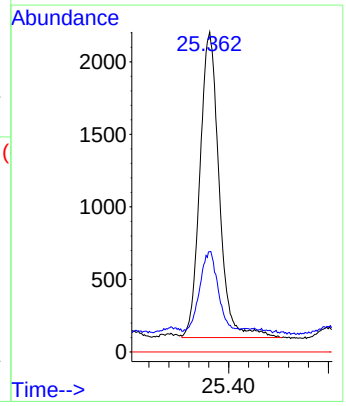
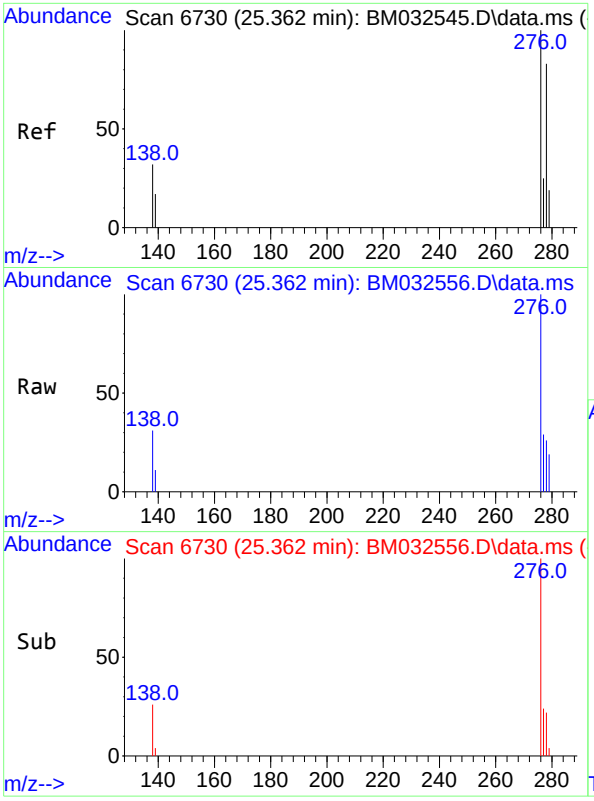


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.08 ng/ul
RT: 25.362 min Scan# 6730
Delta R.T. -0.024 min
Lab File: BM032556.D
Acq: 16 Oct 2021 10:11

Tgt Ion:276 Resp: 5641

Ion	Ratio	Lower	Upper
276	100		
138	27.5	24.9	37.3
227	0.0	0.0	0.0

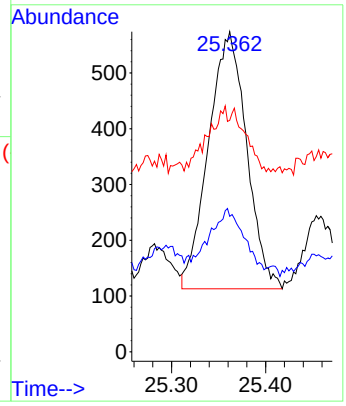


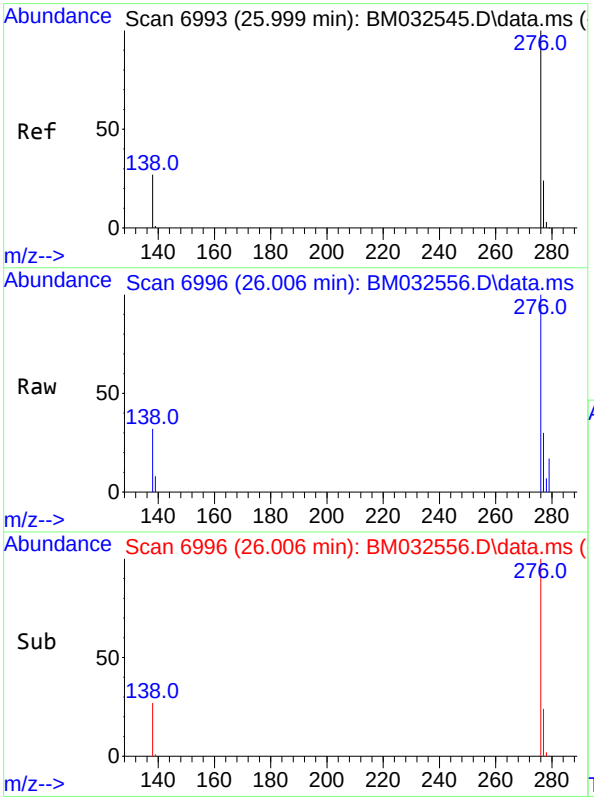


#28
Dibenzo(a,h)anthracene
Concen: 0.02 ng/ul
RT: 25.362 min Scan# 6730
Delta R.T. -0.032 min
Lab File: BM032556.D
Acq: 16 Oct 2021 10:11

Tgt Ion:278 Resp: 1296

Ion	Ratio	Lower	Upper
278	100		
139	42.3	18.6	28.0#
279	72.3	22.0	33.0#

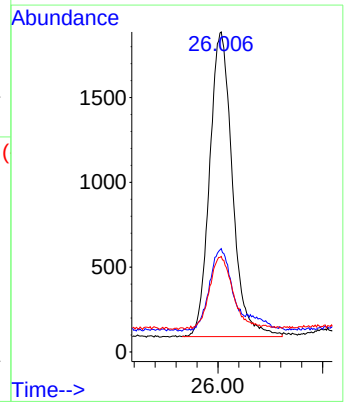




#29
Benzo(g,h,i)perylene
Concen: 0.09 ng/ul
RT: 26.006 min Scan# 6996
Delta R.T. -0.024 min
Lab File: BM032556.D
Acq: 16 Oct 2021 10:11

Tgt Ion:276 Resp: 5417

Ion	Ratio	Lower	Upper
276	100		
138	32.3	22.6	33.8
277	29.8	19.9	29.9



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