Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020824\
Data File : BN029583.D
Acq On : 08 Feb 2024 18:23
Operator : MA/JU
Sample : P1303-14
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Feb 08 23:58:56 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN020624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 07 02:17:13 2024
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
C0FH9

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 02/09/2024
Supervised By :mohammad ahmed 02/09/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.888	152	6062	0.400	ng/ul	0.00
4) Naphthalene-d8	10.683	136	16431	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.526	164	7415	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.277	188	14379	0.400	ng/ul	0.00
17) Chrysene-d12	21.476	240	10556	0.400	ng/ul	0.00
23) Perylene-d12	23.847	264	13153	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.332	96	36295	4.802	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.278	152	5632	0.269	ng/ul	0.00
18) Fluoranthene-d10	19.309	212	9319	0.269	ng/ul	0.00
Target Compounds						Qvalue
15) Phenanthrene	17.319	178	1437	0.032	ng/ul#	85
19) Fluoranthene	19.342	202	4451	0.092	ng/ul#	94
20) Pyrene	19.704	202	4436m	0.089	ng/ul	
21) Benzo(a)anthracene	21.462	228	1959	0.051	ng/ul#	92
22) Chrysene	21.514	228	1973	0.047	ng/ul#	93
24) Benzo(b)fluoranthene	23.131	252	2720m	0.055	ng/ul	
25) Benzo(k)fluoranthene	23.177	252	1319m	0.024	ng/ul	
26) Benzo(a)pyrene	23.742	252	1657	0.036	ng/ul#	35
29) Benzo(g,h,i)perylene	27.054	276	1158	0.023	ng/ul#	67

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

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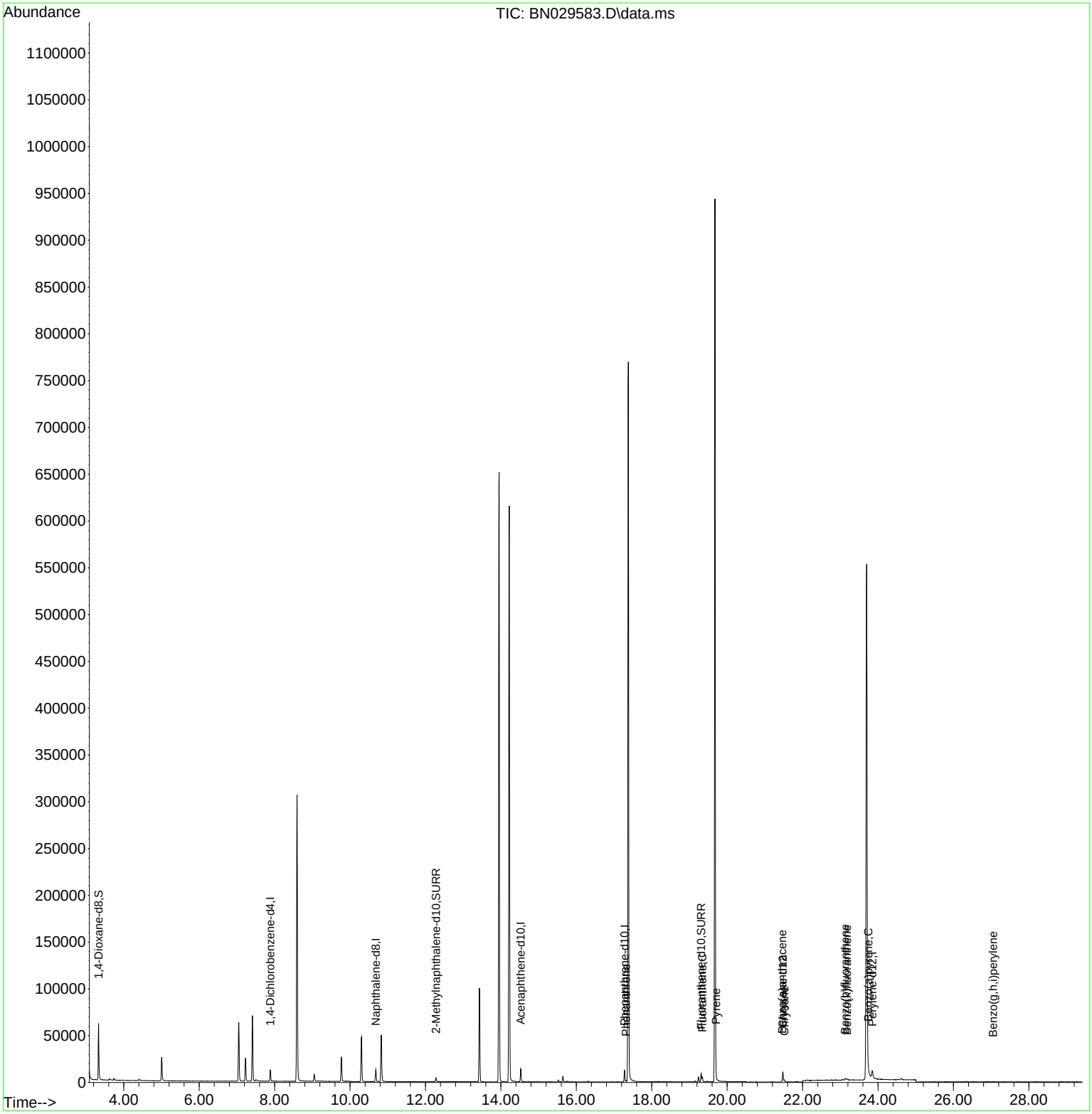
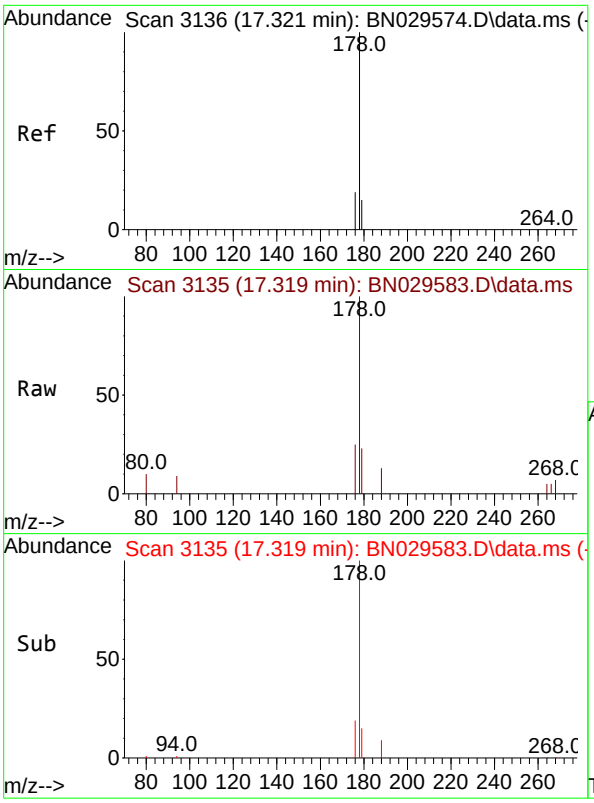
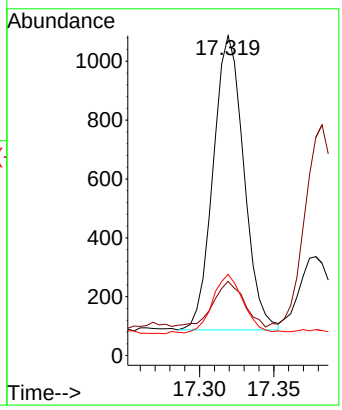




#15
Phenanthrene
Concen: 0.032 ng/ul
RT: 17.319 min Scan# 3
Delta R.T. -0.007 min
Lab File: BN029583.D
Acq: 08 Feb 2024 18:23

Tgt Ion:178 Resp: 143

Ion	Ratio	Lower	Upper
178	100		
179	23.2	12.6	18.8#
176	25.4	15.7	23.5#



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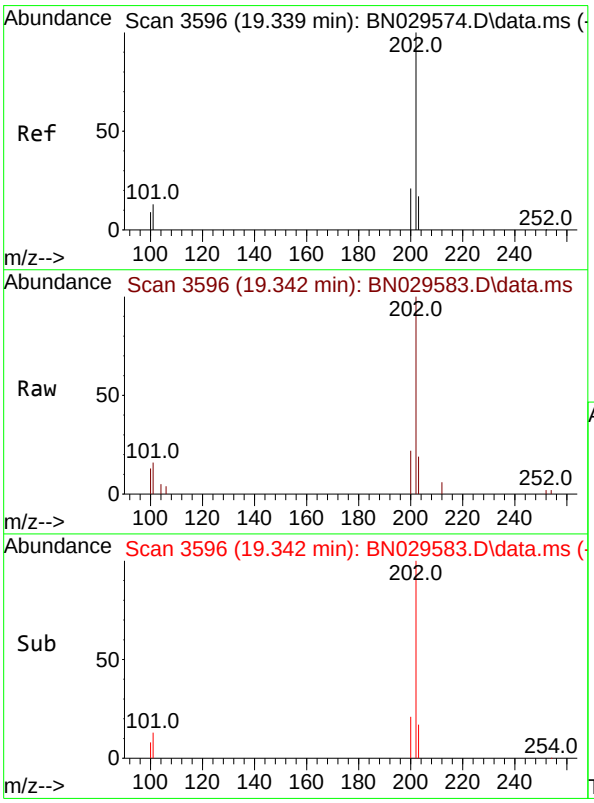
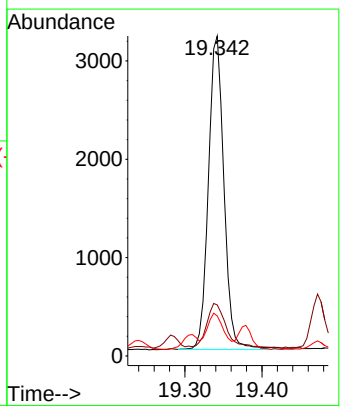
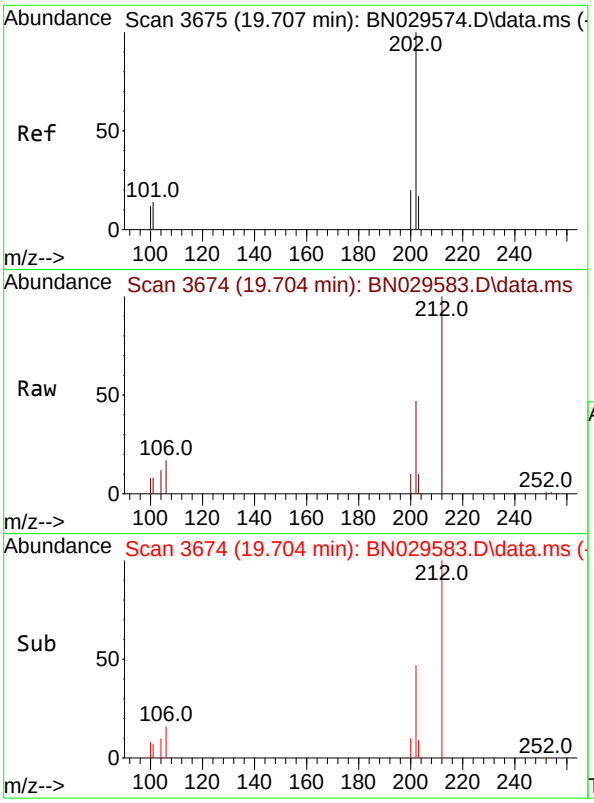


#19
Fluoranthene
Concen: 0.092 ng/ul
RT: 19.342 min Scan# 3596
Delta R.T. -0.004 min
Lab File: BN029583.D
Acq: 08 Feb 2024 18:23

Tgt Ion:202 Resp: 4451

Ion	Ratio	Lower	Upper
202	100		
101	15.9	10.4	15.6#
100	12.5	8.5	12.7

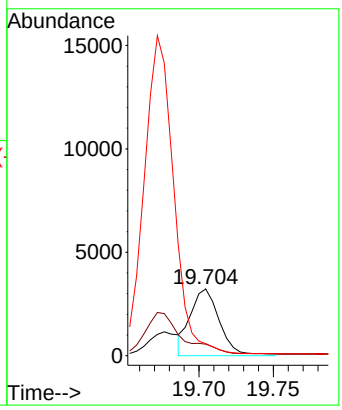




#20
Pyrene
Concen: 0.089 ng/ul m
RT: 19.704 min Scan# 3(
Delta R.T. -0.004 min
Lab File: BN029583.D
Acq: 08 Feb 2024 18:23

Tgt Ion:202 Resp: 443(

Ion	Ratio	Lower	Upper
202	100		
101	17.2	12.5	18.7
100	17.9	10.0	15.0#



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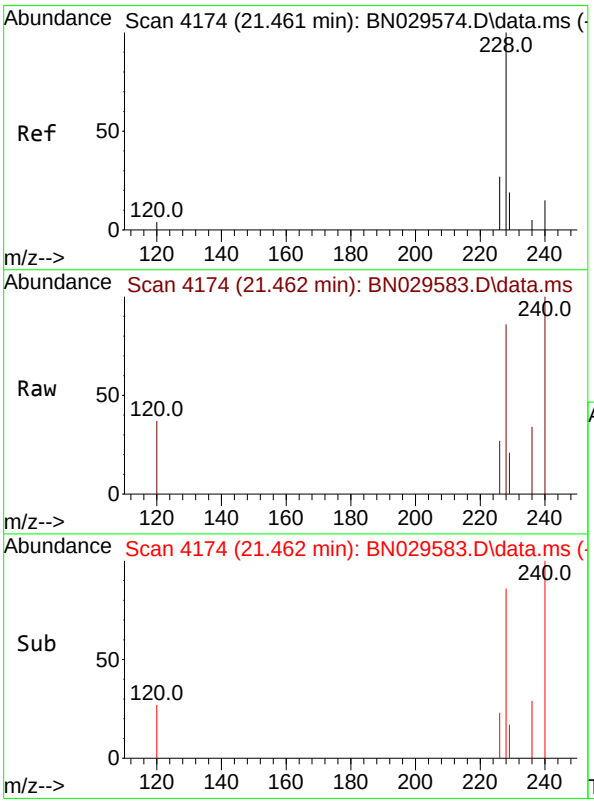
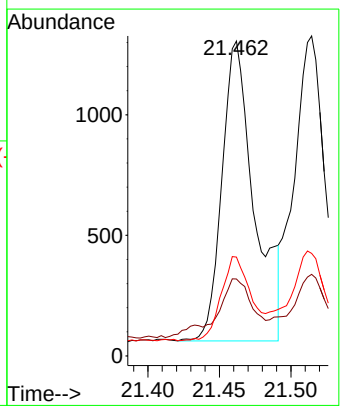
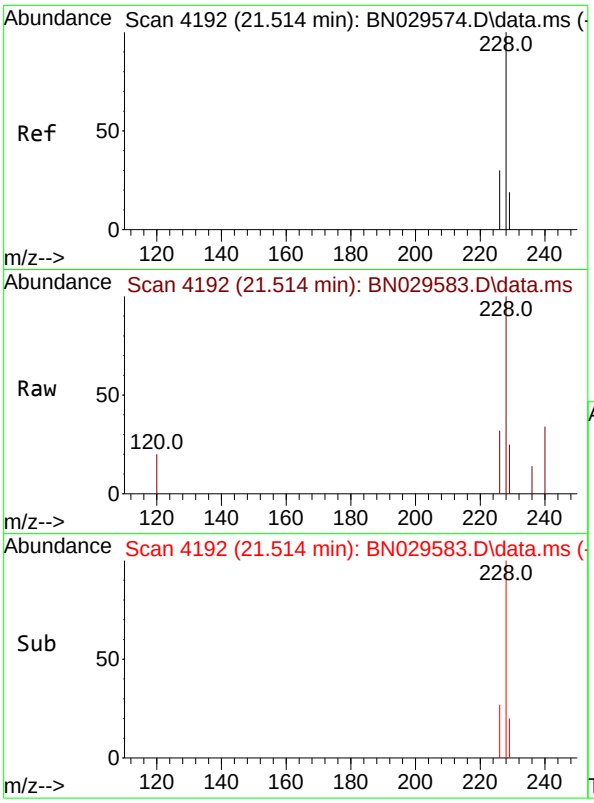


#21
Benzo(a)anthracene
Concen: 0.051 ng/ul
RT: 21.462 min Scan# 4174
Delta R.T. -0.005 min
Lab File: BN029583.D
Acq: 08 Feb 2024 18:23

Tgt Ion:228 Resp: 1959

Ion	Ratio	Lower	Upper
228	100		
229	24.4	15.7	23.5#
226	31.4	22.2	33.4

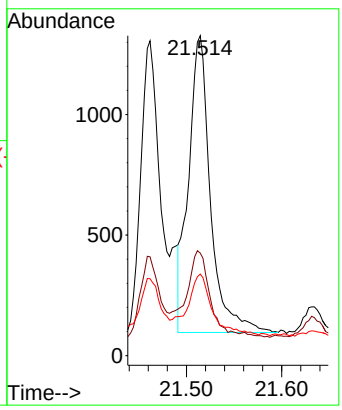




#22
Chrysene
Concen: 0.047 ng/ul
RT: 21.514 min Scan# 4
Delta R.T. -0.005 min
Lab File: BN029583.D
Acq: 08 Feb 2024 18:23

Tgt Ion:228 Resp: 197

Ion	Ratio	Lower	Upper
228	100		
226	32.0	24.2	36.2
229	25.5	15.7	23.5#



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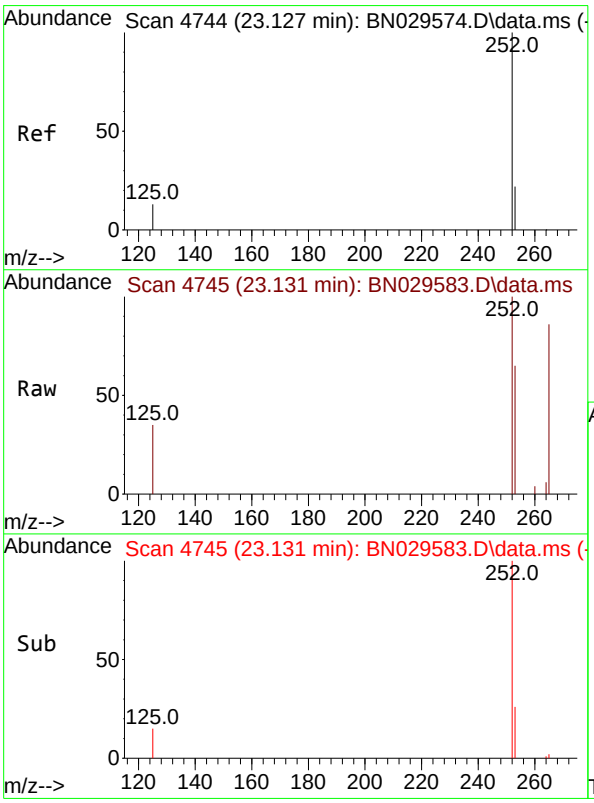
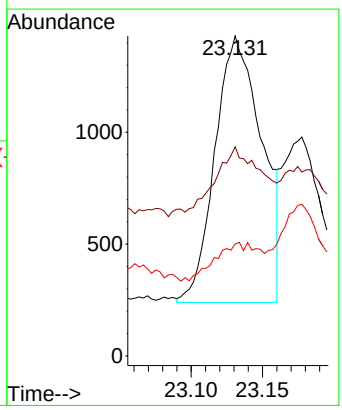
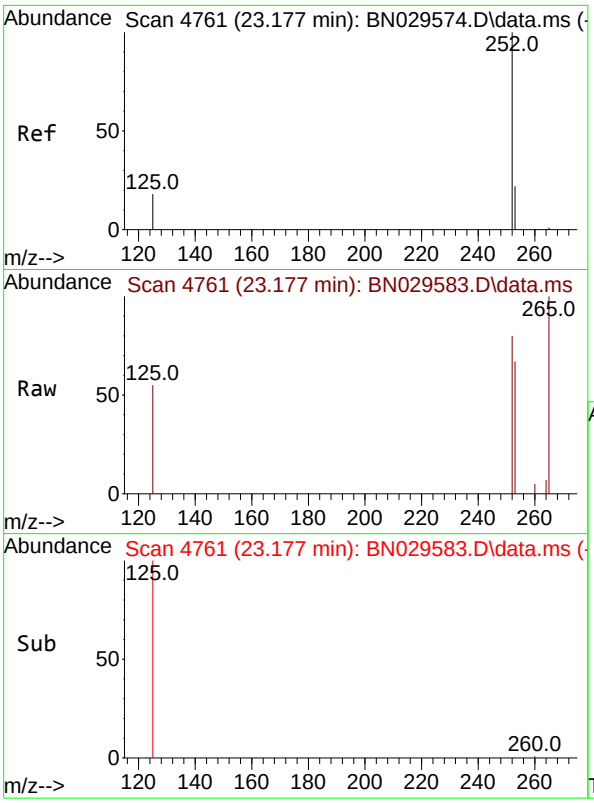


#24
Benzo(b)fluoranthene
Concen: 0.055 ng/ul m
RT: 23.131 min Scan# 4745
Delta R.T. -0.005 min
Lab File: BN029583.D
Acq: 08 Feb 2024 18:23

Tgt Ion:252 Resp: 2720

Ion	Ratio	Lower	Upper
252	100		
253	65.3	0.0	56.8#
125	35.0	0.0	32.4#

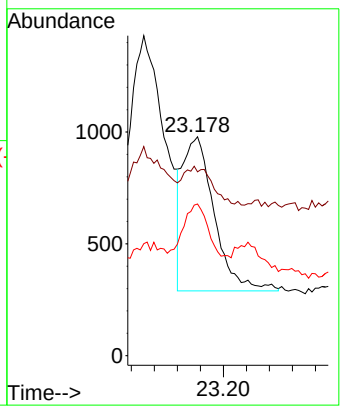




#25
Benzo(k)fluoranthene
Concen: 0.024 ng/ul m
RT: 23.177 min Scan# 4
Delta R.T. -0.008 min
Lab File: BN029583.D
Acq: 08 Feb 2024 18:23

Tgt Ion:252 Resp: 131

Ion	Ratio	Lower	Upper
252	100		
253	84.0	22.6	33.8#
125	69.3	15.3	22.9#



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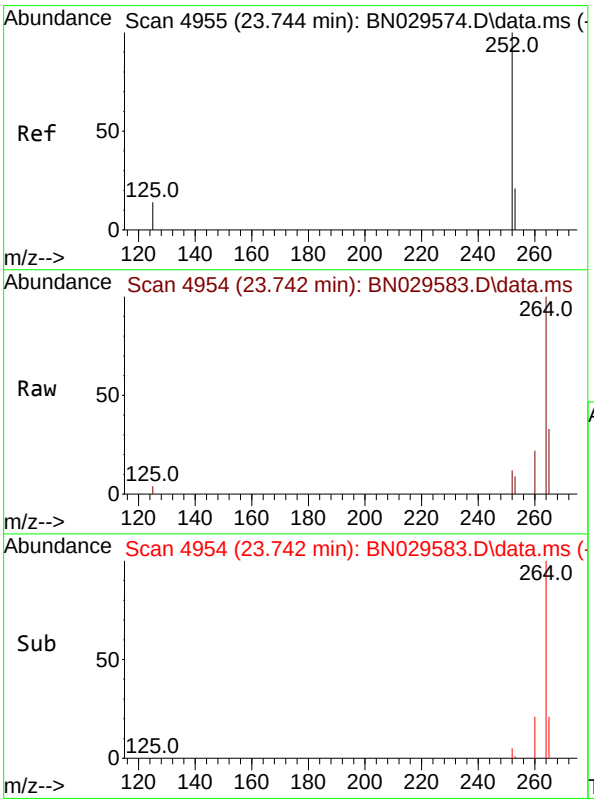
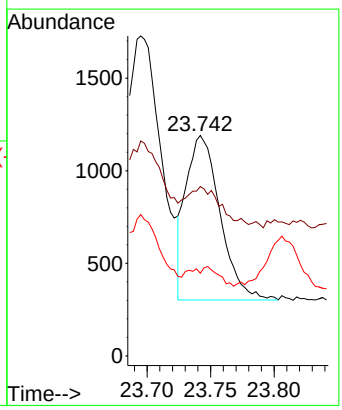
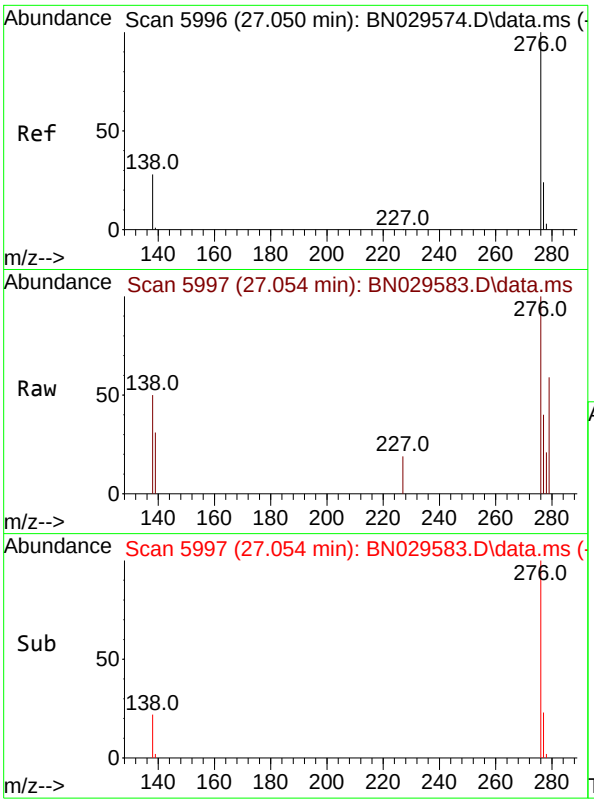


#26
Benzo(a)pyrene
Concen: 0.036 ng/ul
RT: 23.742 min Scan# 4954
Delta R.T. -0.011 min
Lab File: BN029583.D
Acq: 08 Feb 2024 18:23

Tgt Ion:252 Resp: 1657

Ion	Ratio	Lower	Upper
252	100		
253	76.8	25.4	38.0#
125	37.5	16.0	24.0#

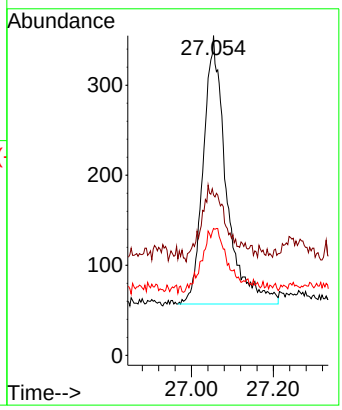




#29
Benzo(g,h,i)perylene
Concen: 0.023 ng/ul
RT: 27.054 min Scan# 5
Delta R.T. -0.009 min
Lab File: BN029583.D
Acq: 08 Feb 2024 18:23

Tgt Ion:276 Resp: 115

Ion	Ratio	Lower	Upper
276	100		
138	50.1	24.6	37.0#
277	39.7	19.7	29.5#



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