Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071221\
Data File : BN015511.D
Acq On : 13 Jul 2021 04:38
Operator : CG/JU
Sample : M2854-18
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BGDW2

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Quant Time: Jul 13 06:18:43 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN062121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 13 06:18:23 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.808	152	3501	0.400	ng/ul	0.00
4) Naphthalene-d8	10.595	136	11763	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.441	164	6146	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.191	188	12140	0.400	ng/ul	0.00
17) Chrysene-d12	21.384	240	9364	0.400	ng/ul	0.00
23) Perylene-d12	23.737	264	8896	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.315	96	5384	1.364	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.190	152	2509	0.136	ng/ul	0.00
18) Fluoranthene-d10	19.225	212	4991	0.162	ng/ul	0.00
Target Compounds						Qvalue
15) Phenanthrene	17.234	178	952	0.022	ng/ul#	84
19) Fluoranthene	19.253	202	4817	0.111	ng/ul	95
20) Pyrene	19.615	202	4333	0.100	ng/ul#	93
21) Benzo(a)anthracene	21.369	228	2963	0.085	ng/ul	92
22) Chrysene	21.422	228	2740	0.066	ng/ul	95
24) Benzo(b)fluoranthene	23.023	252	3441m	0.083	ng/ul	
25) Benzo(k)fluoranthene	23.067	252	1332m	0.028	ng/ul	
26) Benzo(a)pyrene	23.631	252	1564	0.045	ng/ul#	48
27) Indeno(1,2,3-cd)pyrene	26.159	276	1085	0.026	ng/ul#	85

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

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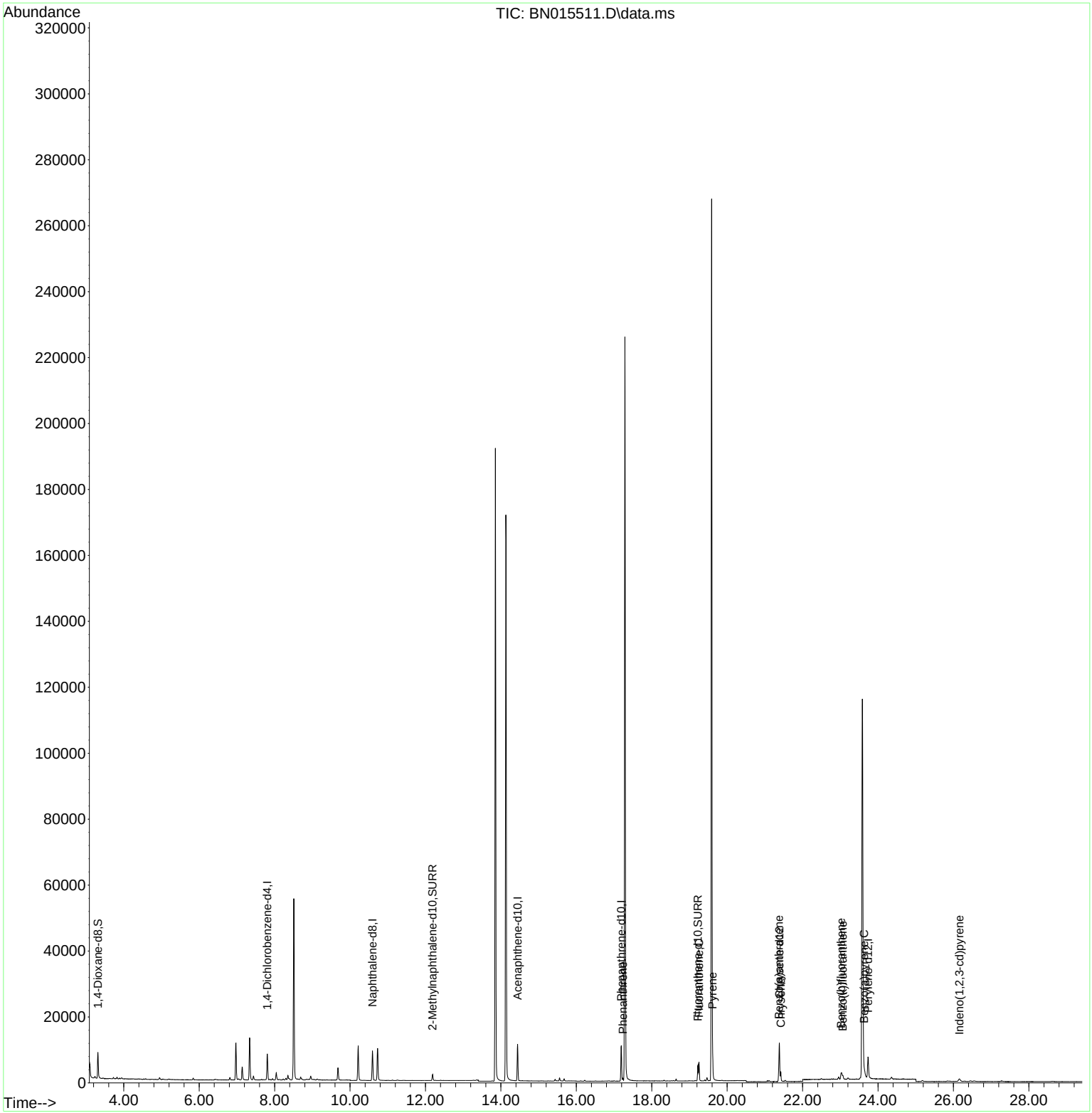
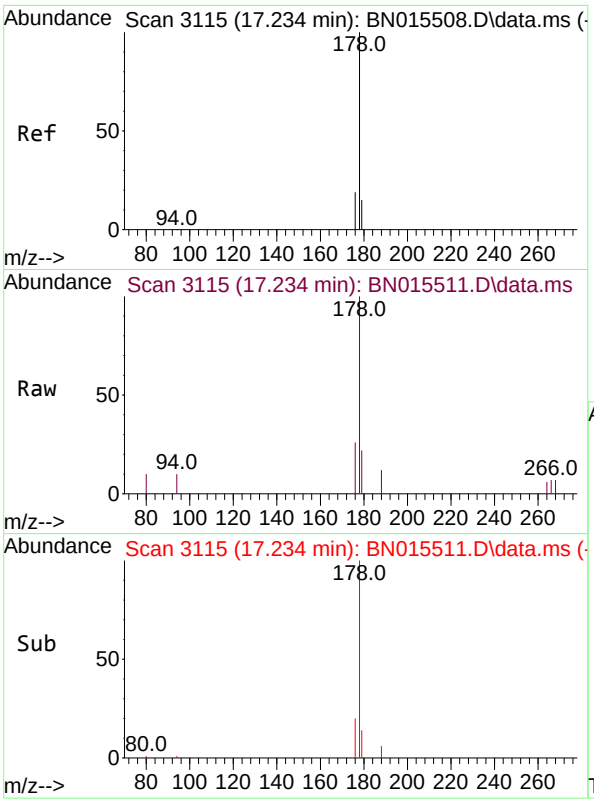
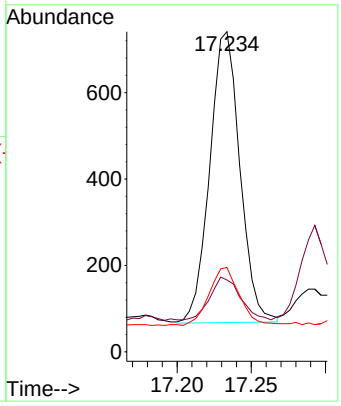


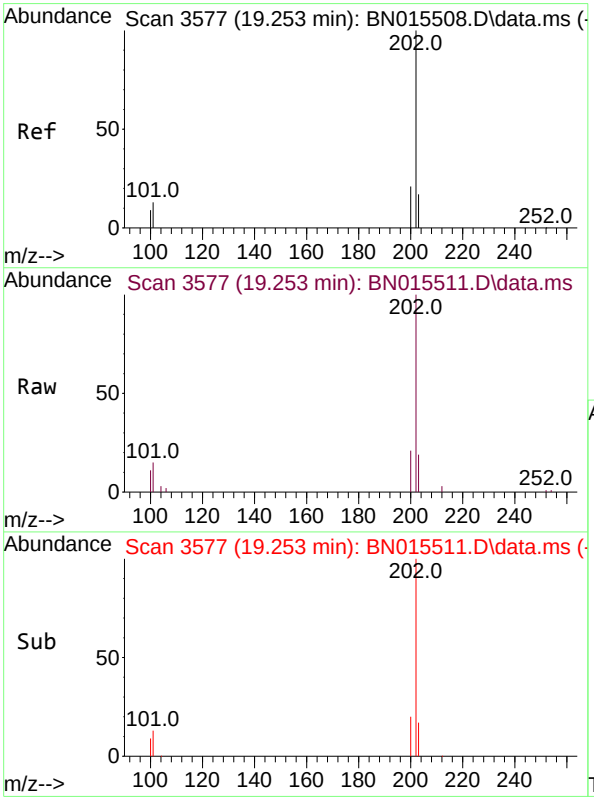


#15
Phenanthrene
Concen: 0.022 ng/ul
RT: 17.234 min Scan# 3115
Delta R.T. -0.000 min
Lab File: BN015511.D
Acq: 13 Jul 2021 04:38

Tgt Ion:178 Resp: 952

Ion	Ratio	Lower	Upper
178	100		
179	22.4	12.3	18.5#
176	26.3	15.5	23.3#

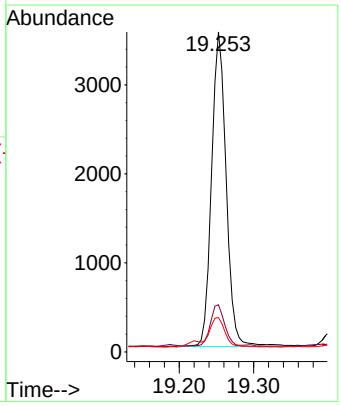




#19
Fluoranthene
Concen: 0.111 ng/ul
RT: 19.253 min Scan# 3577
Delta R.T. -0.005 min
Lab File: BN015511.D
Acq: 13 Jul 2021 04:38

Tgt Ion:202 Resp: 4817

Ion	Ratio	Lower	Upper
202	100		
101	14.7	10.1	15.1
100	10.8	7.4	11.0



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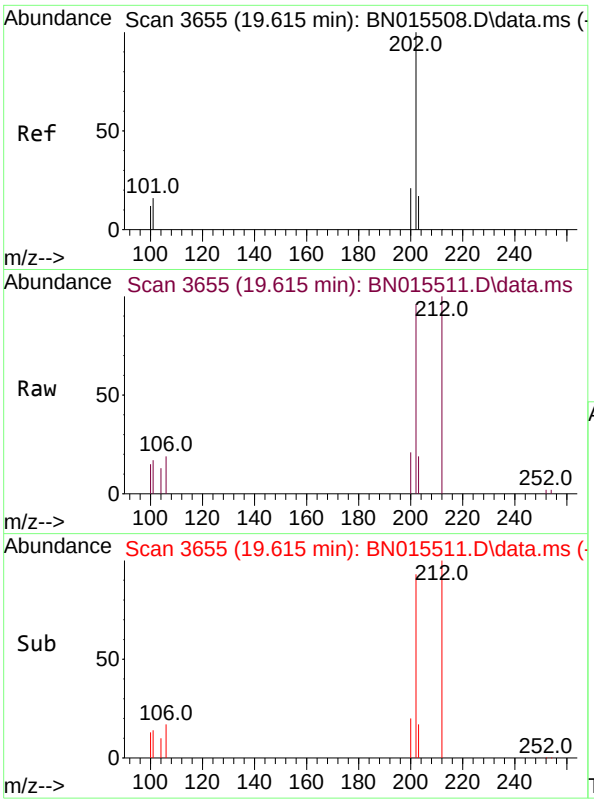
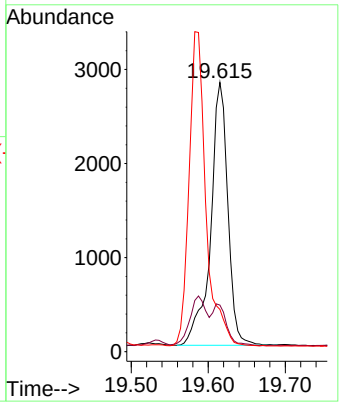


#20
Pyrene
Concen: 0.100 ng/ul
RT: 19.615 min Scan# 3655
Delta R.T. -0.005 min
Lab File: BN015511.D
Acq: 13 Jul 2021 04:38

Tgt Ion:202 Resp: 4333

Ion	Ratio	Lower	Upper
202	100		
101	17.3	12.0	18.0
100	15.7	9.6	14.4#



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ClientSampleId :
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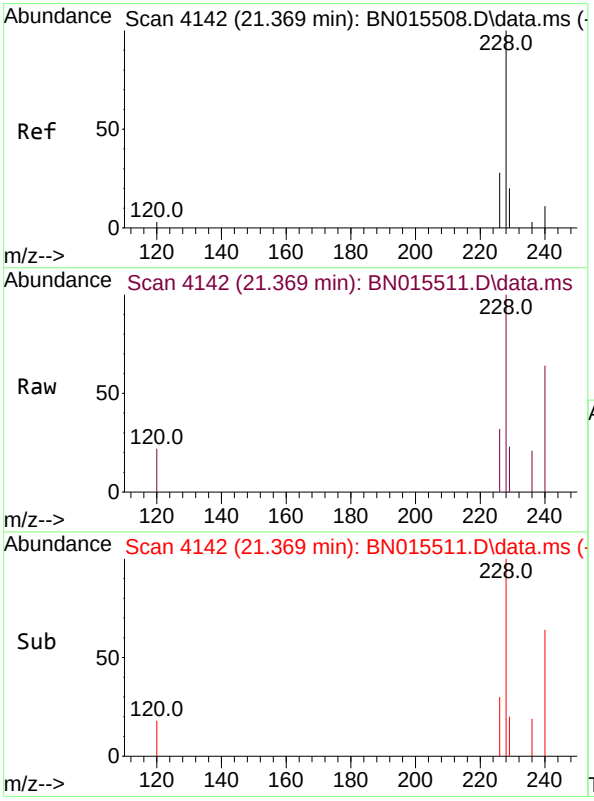
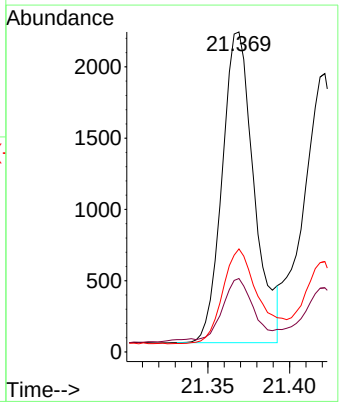
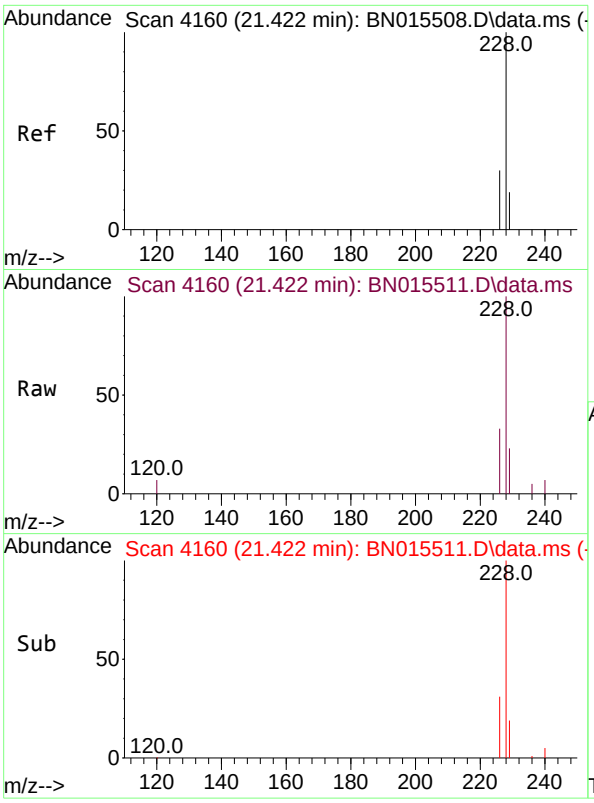


#21
Benzo(a)anthracene
Concen: 0.085 ng/ul
RT: 21.369 min Scan# 4142
Delta R.T. -0.006 min
Lab File: BN015511.D
Acq: 13 Jul 2021 04:38

Tgt Ion:228 Resp: 2963

Ion	Ratio	Lower	Upper
228	100		
229	22.9	15.8	23.8
226	32.2	21.8	32.8

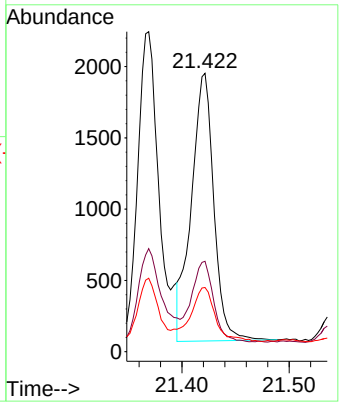




#22
Chrysene
Concen: 0.066 ng/ul
RT: 21.422 min Scan# 4160
Delta R.T. -0.006 min
Lab File: BN015511.D
Acq: 13 Jul 2021 04:38

Tgt Ion:228 Resp: 2740

Ion	Ratio	Lower	Upper
228	100		
226	32.5	24.6	37.0
229	23.0	15.7	23.5



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ClientSampleId :
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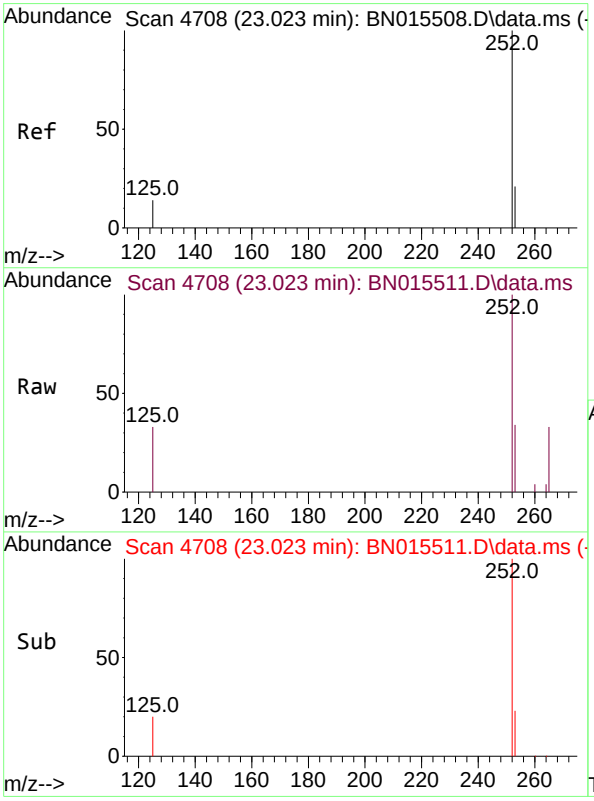
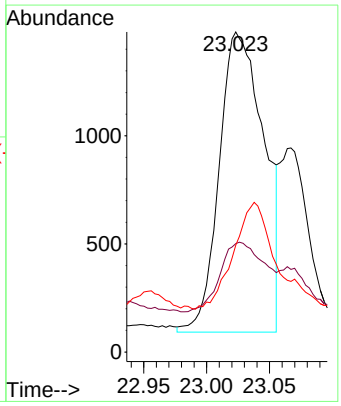
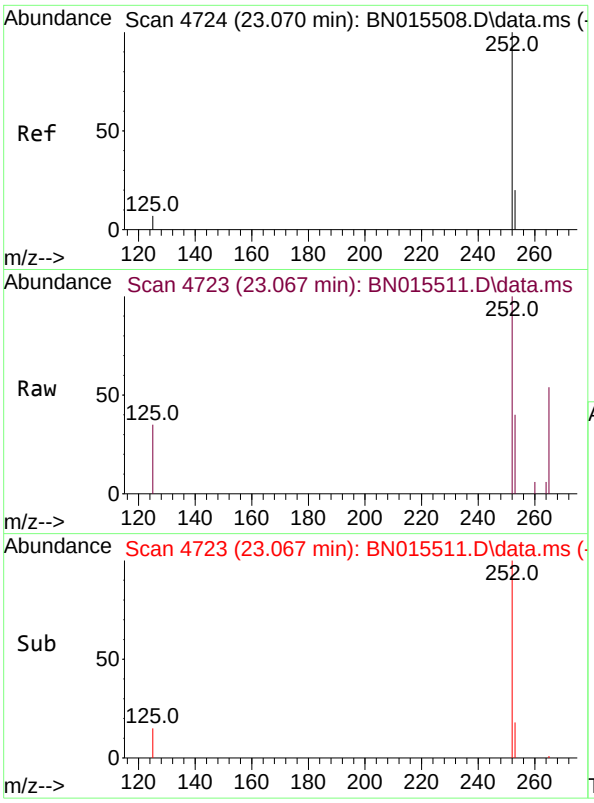


#24
Benzo(b)fluoranthene
Concen: 0.083 ng/ul m
RT: 23.023 min Scan# 4708
Delta R.T. -0.006 min
Lab File: BN015511.D
Acq: 13 Jul 2021 04:38

Tgt Ion:252 Resp: 3441

Ion	Ratio	Lower	Upper
252	100		
253	33.9	0.0	45.6
125	33.4	0.0	28.4#

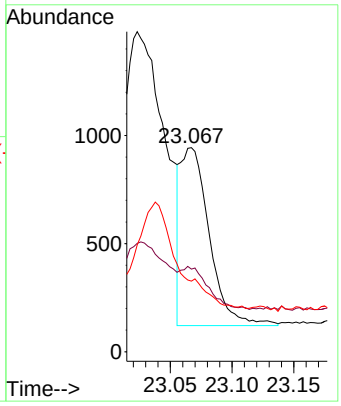


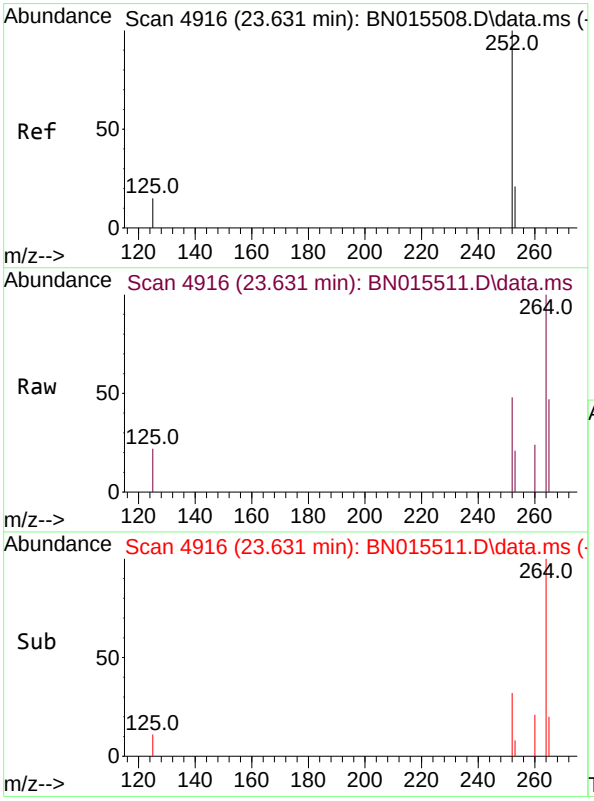


#25
Benzo(k)fluoranthene
Concen: 0.028 ng/ul m
RT: 23.067 min Scan# 4723
Delta R.T. -0.012 min
Lab File: BN015511.D
Acq: 13 Jul 2021 04:38

Tgt Ion:252 Resp: 1332

Ion	Ratio	Lower	Upper
252	100		
253	40.5	18.1	27.1#
125	34.6	11.5	17.3#

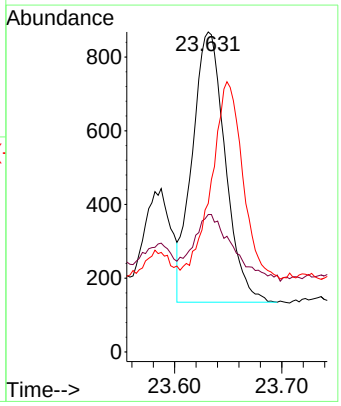




#26
Benzo(a)pyrene
Concen: 0.045 ng/ul
RT: 23.631 min Scan# 4916
Delta R.T. -0.009 min
Lab File: BN015511.D
Acq: 13 Jul 2021 04:38

Tgt Ion:252 Resp: 1564

Ion	Ratio	Lower	Upper
252	100		
253	43.0	18.9	28.3#
125	46.4	13.5	20.3#



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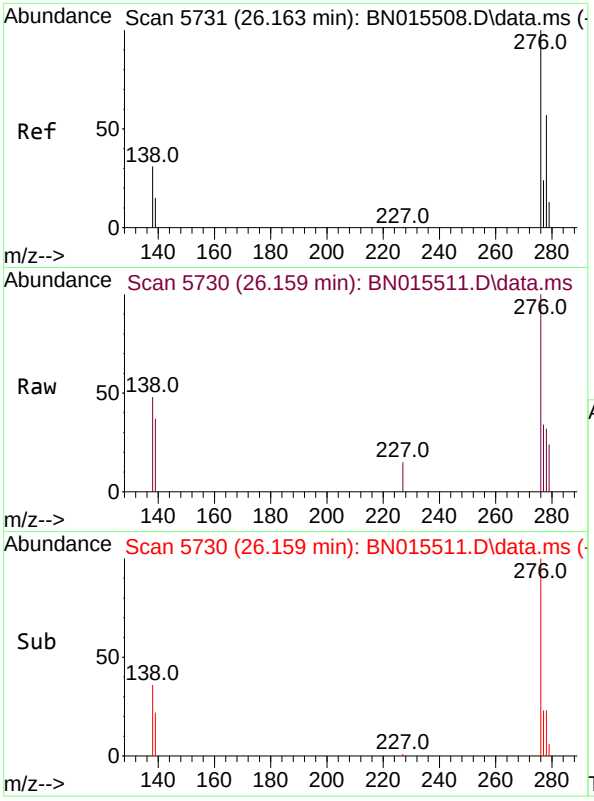
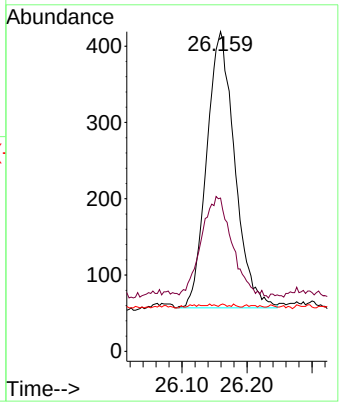


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.026 ng/ul
RT: 26.159 min Scan# 5730
Delta R.T. -0.010 min
Lab File: BN015511.D
Acq: 13 Jul 2021 04:38

Tgt Ion:276 Resp: 1085

Ion	Ratio	Lower	Upper
276	100		
138	41.2	26.3	39.5#
227	0.4	0.1	0.1#



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ClientSampleId :
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