Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102721\
Data File : BN017178.D
Acq On : 29 Oct 2021 05:17
Operator : CG/JU
Sample : M4205-13
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0B46

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10/29/2021 2:24:52 PM

Quant Time: Oct 29 06:10:09 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN102721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 28 12:50:34 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.531	152	4829	0.400	ng/ul	0.00
4) Naphthalene-d8	10.299	136	19306	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.183	164	12058	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.935	188	27055	0.400	ng/ul	0.00
17) Chrysene-d12	21.146	240	25576	0.400	ng/ul	0.00
23) Perylene-d12	23.347	264	27409	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.055	96	8945	1.666	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.905	152	7268	0.258	ng/ul	0.00
18) Fluoranthene-d10	18.975	212	19651	0.293	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.348	128	6005	0.112	ng/ul	98
7) 2-Methylnaphthalene	11.976	142	5114	0.138	ng/ul	100
8) 1-Methylnaphthalene	12.202	142	4526	0.120	ng/ul	99
10) Acenaphthylene	13.896	152	1129	0.024	ng/ul#	76
15) Phenanthrene	16.977	178	11149	0.130	ng/ul	99
19) Fluoranthene	19.007	202	15543	0.170	ng/ul	99
20) Pyrene	19.370	202	14978m	0.160	ng/ul	
21) Benzo(a)anthracene	21.132	228	6881	0.082	ng/ul	93
22) Chrysene	21.181	228	10510	0.111	ng/ul	96
24) Benzo(b)fluoranthene	22.689	252	13499m	0.132	ng/ul	
25) Benzo(k)fluoranthene	22.730	252	5380m	0.046	ng/ul	
26) Benzo(a)pyrene	23.248	252	8352	0.091	ng/ul#	90
27) Indeno(1,2,3-cd)pyrene	25.561	276	6832	0.053	ng/ul#	95
29) Benzo(g,h,i)perylene	26.232	276	6282	0.057	ng/ul#	92

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

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102721\
Data File : BN017178.D
Acq On : 29 Oct 2021 05:17
Operator : CG/JU
Sample : M4205-13
Misc :
ALS Vial : 51 Sample Multiplier: 1

Quant Time: Oct 29 06:10:09 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN102721.M
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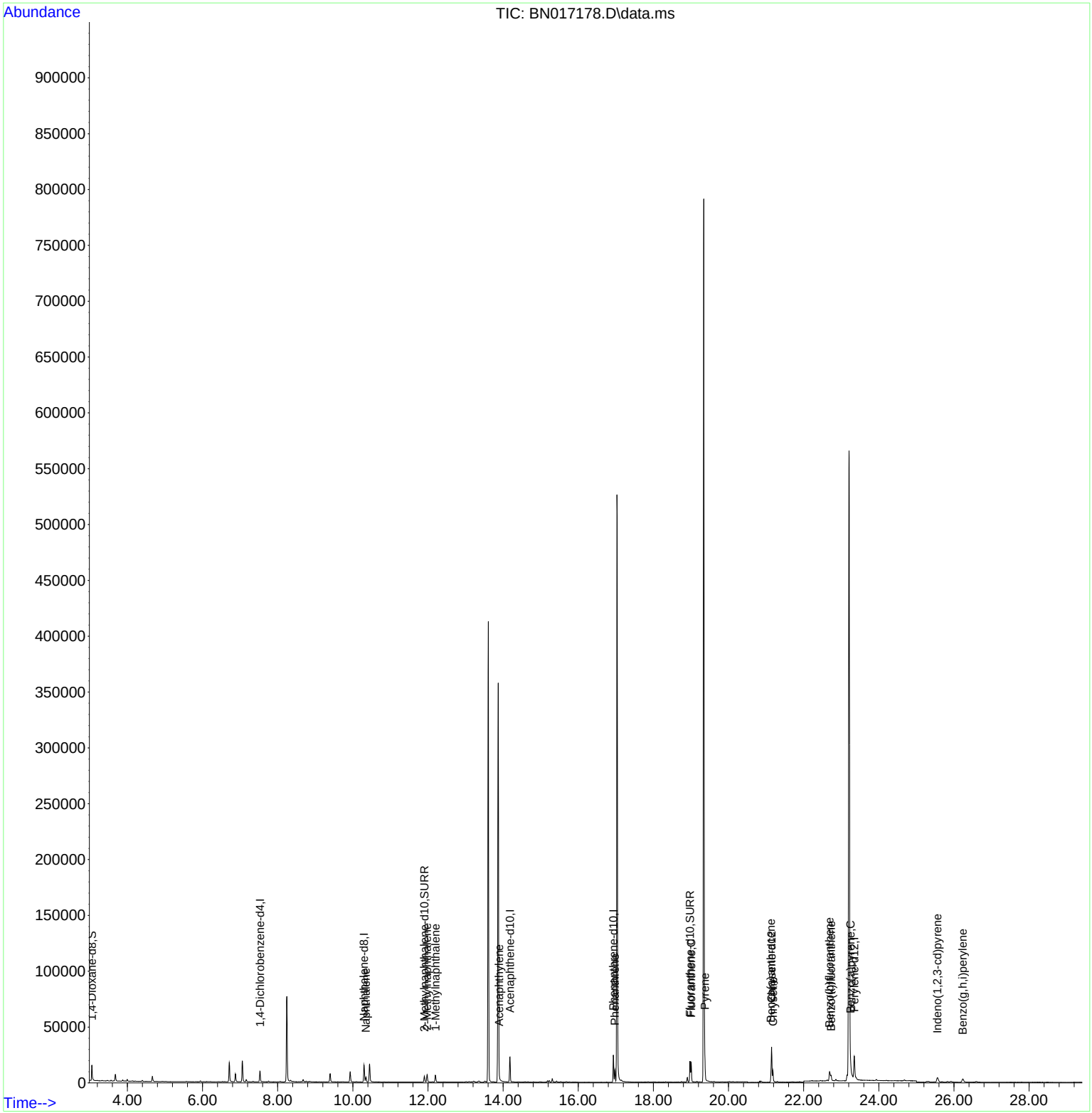
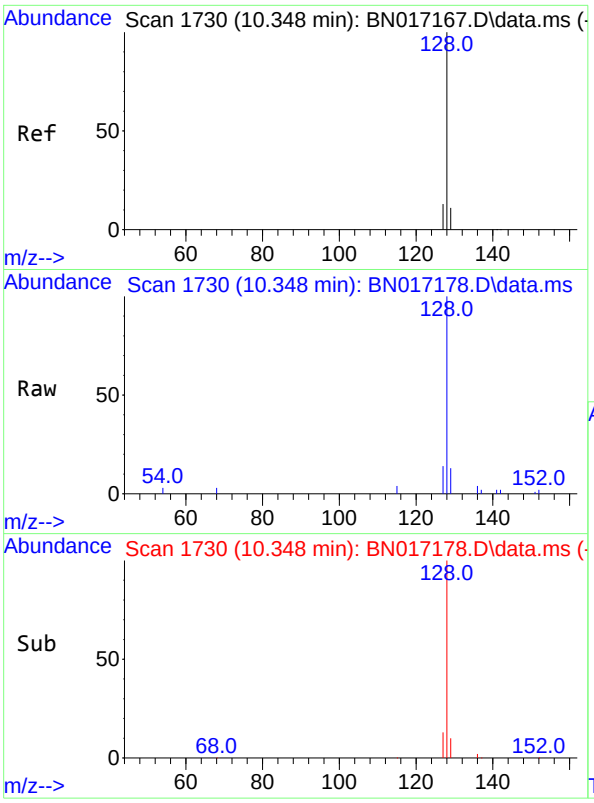
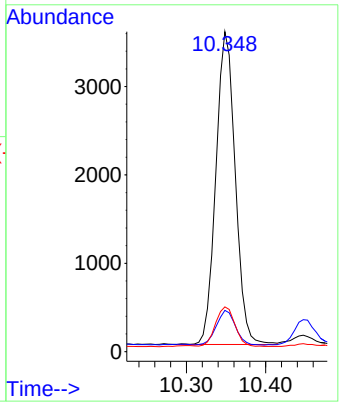


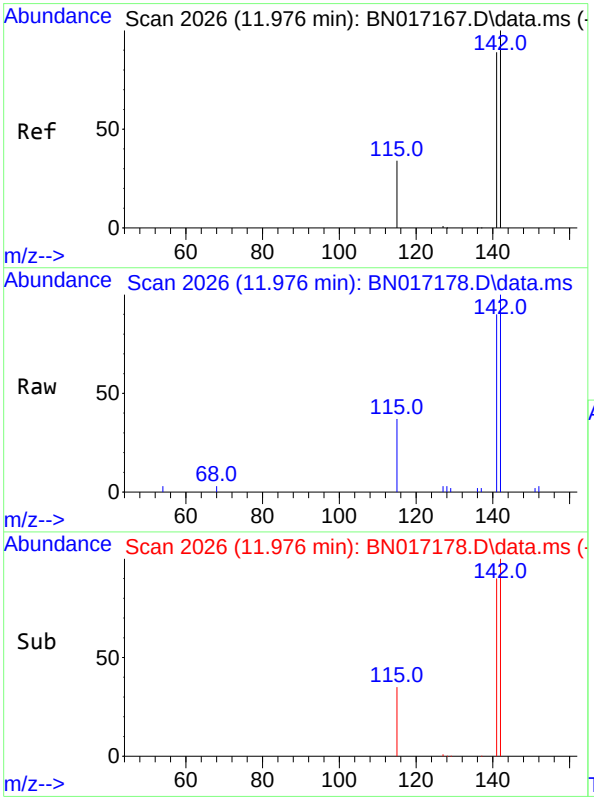


#5
Naphthalene
Concen: 0.112 ng/ul
RT: 10.348 min Scan# 1730
Delta R.T. -0.000 min
Lab File: BN017178.D
Acq: 29 Oct 2021 05:17

Tgt Ion:128 Resp: 6005

Ion	Ratio	Lower	Upper
128	100		
129	12.9	9.2	13.8
127	14.0	10.8	16.2

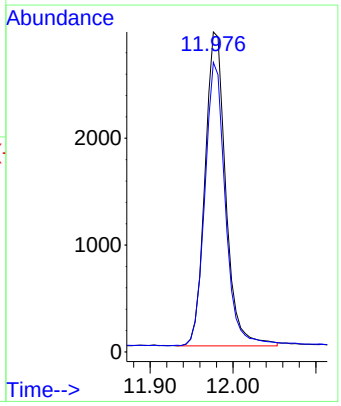




#7
2-Methylnaphthalene
Concen: 0.138 ng/ul
RT: 11.976 min Scan# 2026
Delta R.T. -0.005 min
Lab File: BN017178.D
Acq: 29 Oct 2021 05:17

Tgt Ion:142 Resp: 5114

Ion	Ratio	Lower	Upper
142	100		
141	89.0	71.0	106.4



Instrument :
BNA_N
ClientSampleId :
C0B46

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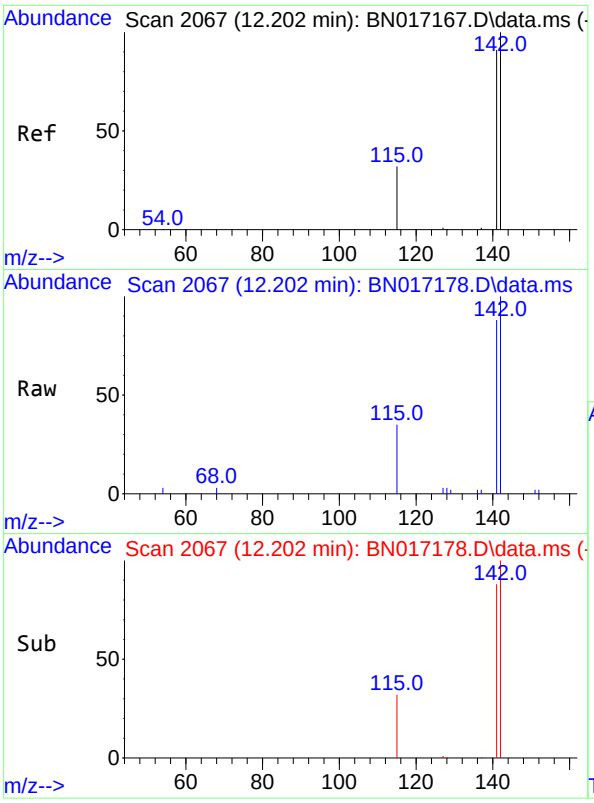
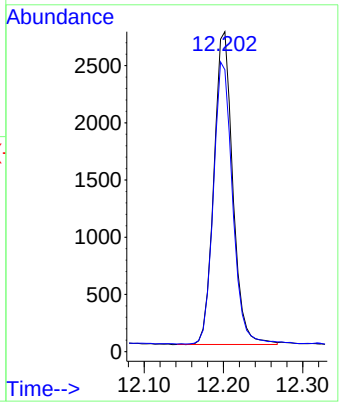


#8
1-Methylnaphthalene
Concen: 0.120 ng/ul
RT: 12.202 min Scan# 2067
Delta R.T. -0.000 min
Lab File: BN017178.D
Acq: 29 Oct 2021 05:17

Tgt Ion:142 Resp: 4526

Ion	Ratio	Lower	Upper
142	100		
141	91.0	73.8	110.8



Instrument :
BNA_N
ClientSampleId :
C0B46

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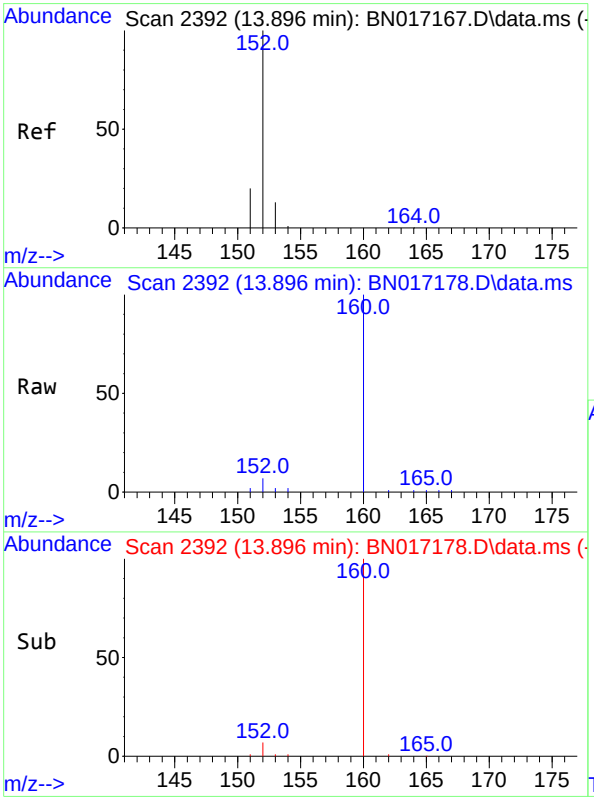
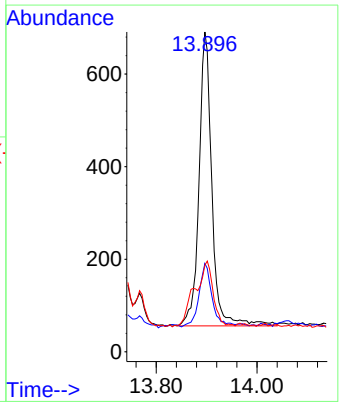
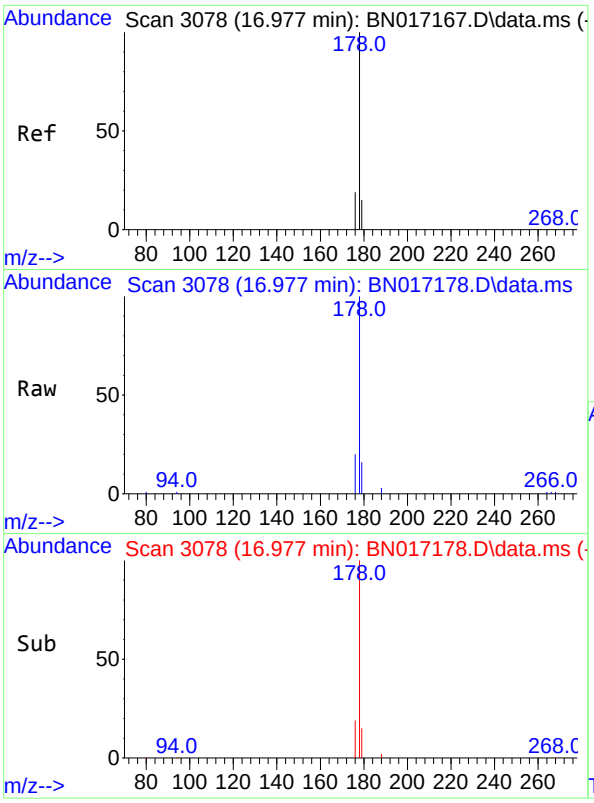


#10
Acenaphthylene
Concen: 0.024 ng/ul
RT: 13.896 min Scan# 2392
Delta R.T. -0.000 min
Lab File: BN017178.D
Acq: 29 Oct 2021 05:17

Tgt Ion:152 Resp: 1129

Ion	Ratio	Lower	Upper
152	100		
151	27.6	16.0	24.0#
153	27.1	10.8	16.2#

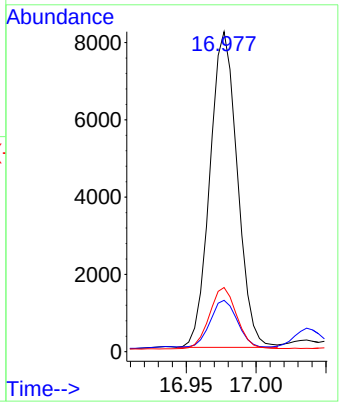




#15
Phenanthrene
Concen: 0.130 ng/ul
RT: 16.977 min Scan# 3078
Delta R.T. -0.000 min
Lab File: BN017178.D
Acq: 29 Oct 2021 05:17

Tgt Ion:178 Resp: 11149

Ion	Ratio	Lower	Upper
178	100		
179	16.0	12.6	19.0
176	20.1	15.5	23.3



Instrument :
BNA_N
ClientSampleId :
C0B46

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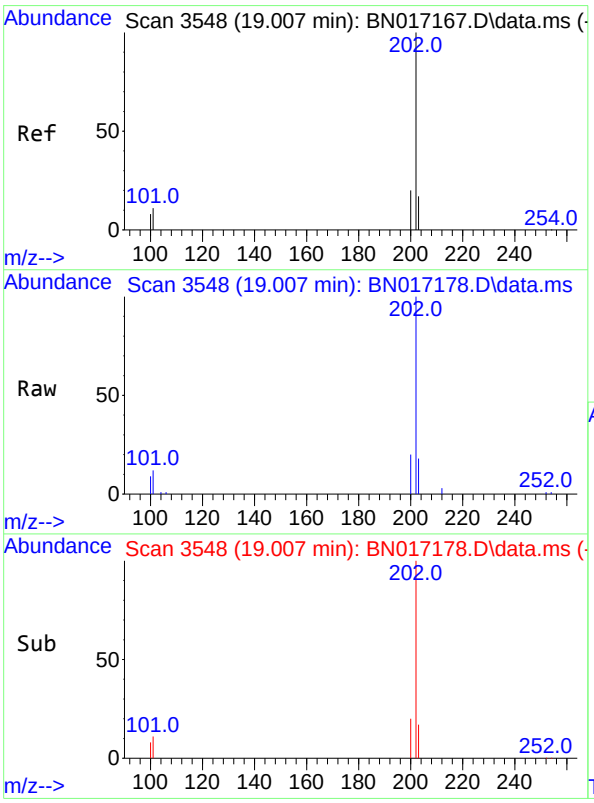
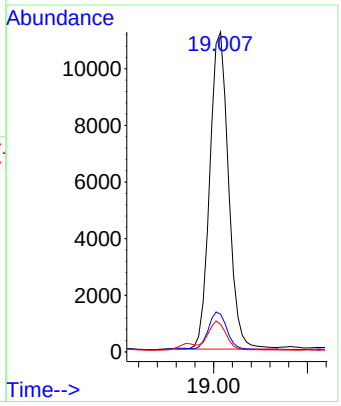
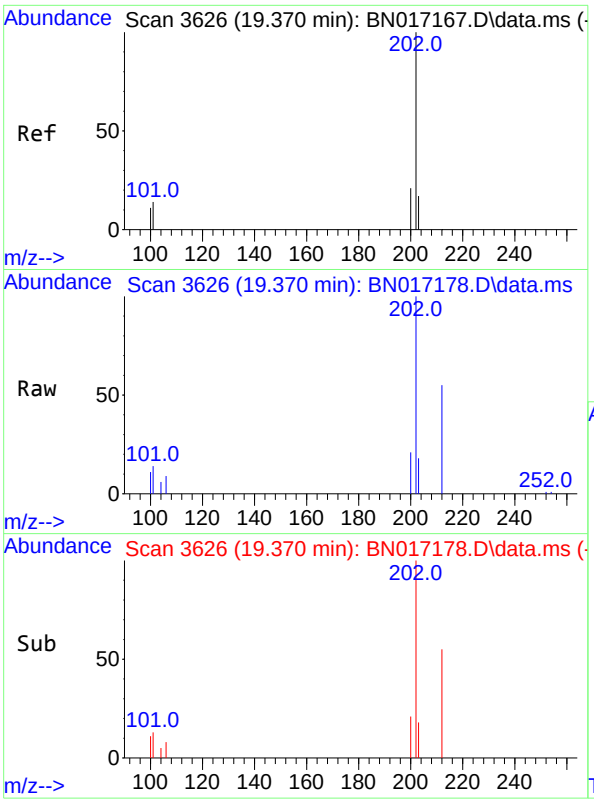


#19
Fluoranthene
Concen: 0.170 ng/ul
RT: 19.007 min Scan# 3548
Delta R.T. -0.000 min
Lab File: BN017178.D
Acq: 29 Oct 2021 05:17

Tgt Ion:202 Resp: 15543

Ion	Ratio	Lower	Upper
202	100		
101	11.8	9.7	14.5
100	8.6	7.2	10.8

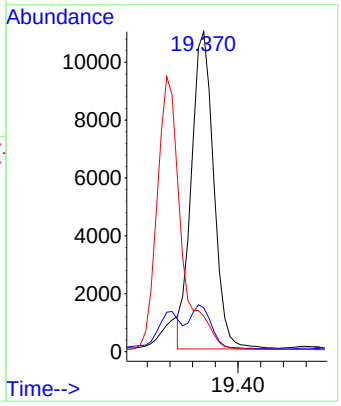




#20
Pyrene
Concen: 0.160 ng/ul m
RT: 19.370 min Scan# 3626
Delta R.T. -0.005 min
Lab File: BN017178.D
Acq: 29 Oct 2021 05:17

Tgt Ion:202 Resp: 14978

Ion	Ratio	Lower	Upper
202	100		
101	13.8	10.3	15.5
100	11.1	8.2	12.2



Instrument :
BNA_N
ClientSampleId :
C0B46

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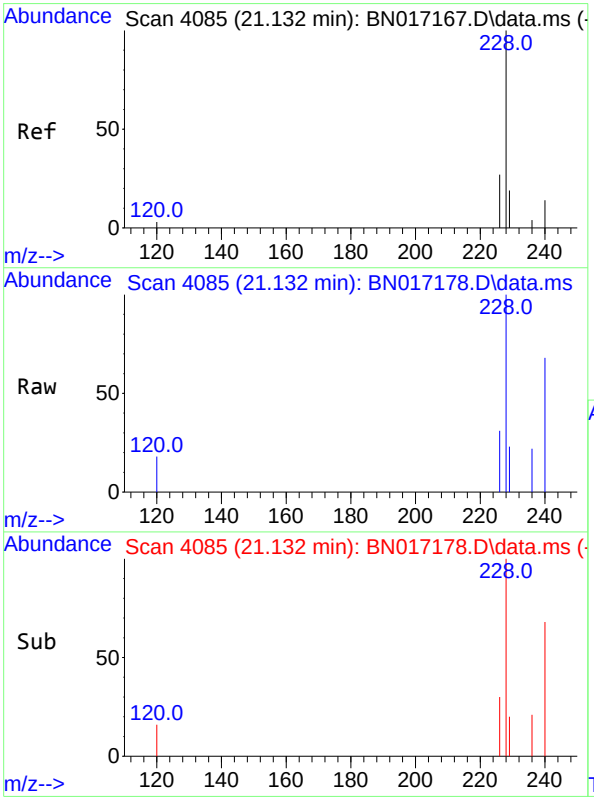
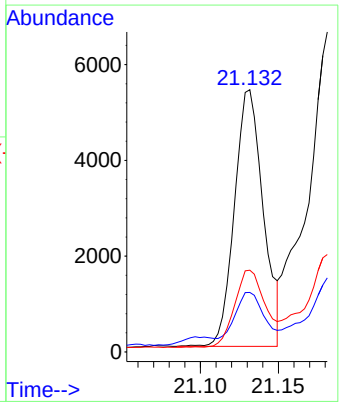
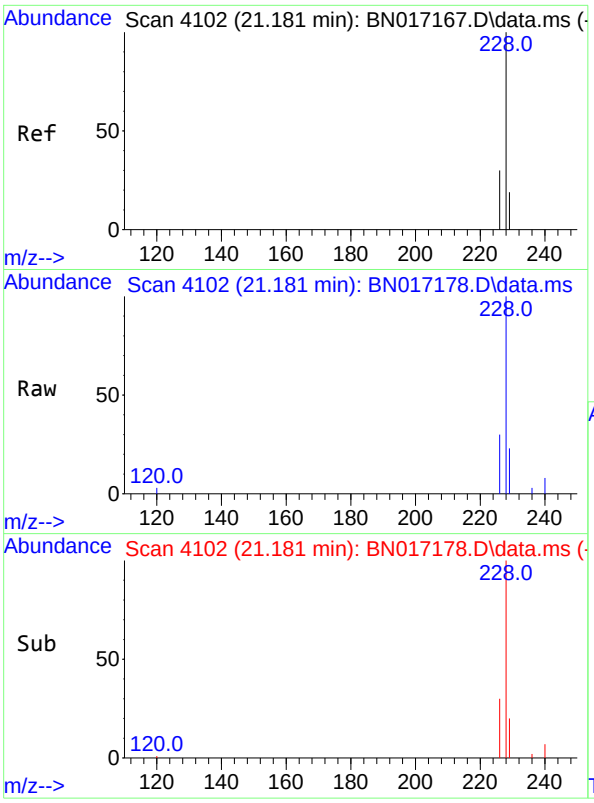


#21
Benzo(a)anthracene
Concen: 0.082 ng/ul
RT: 21.132 min Scan# 4085
Delta R.T. -0.003 min
Lab File: BN017178.D
Acq: 29 Oct 2021 05:17

Tgt Ion:228 Resp: 6881

Ion	Ratio	Lower	Upper
228	100		
229	22.7	16.1	24.1
226	31.2	21.7	32.5

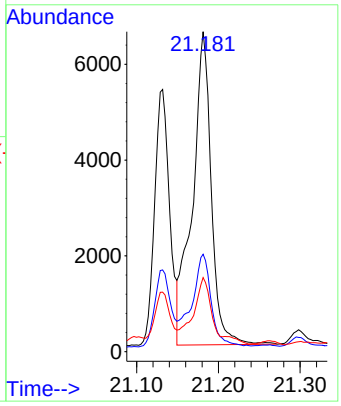


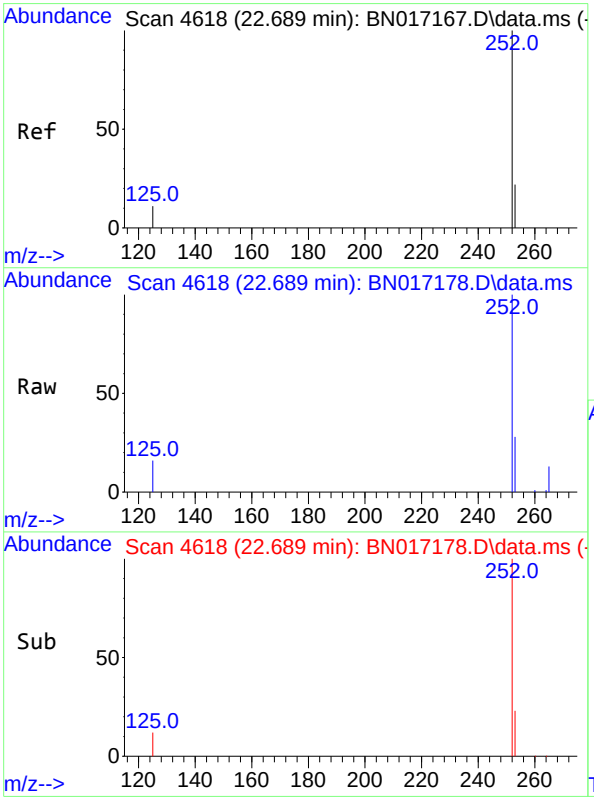


#22
Chrysene
Concen: 0.111 ng/ul
RT: 21.181 min Scan# 4102
Delta R.T. -0.006 min
Lab File: BN017178.D
Acq: 29 Oct 2021 05:17

Tgt Ion:228 Resp: 10510

Ion	Ratio	Lower	Upper
228	100		
226	30.5	24.1	36.1
229	23.1	15.4	23.2

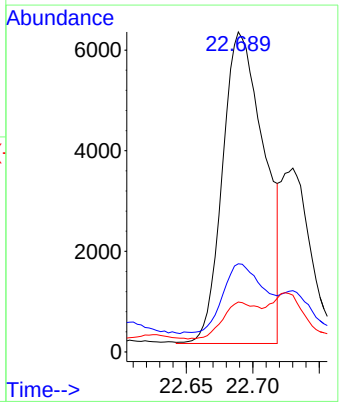




#24
Benzo(b)fluoranthene
Concen: 0.132 ng/ul m
RT: 22.689 min Scan# 4618
Delta R.T. -0.006 min
Lab File: BN017178.D
Acq: 29 Oct 2021 05:17

Tgt Ion:252 Resp: 13499

Ion	Ratio	Lower	Upper
252	100		
253	27.5	0.0	46.8
125	15.6	0.0	23.8



Instrument :
BNA_N
ClientSampleId :
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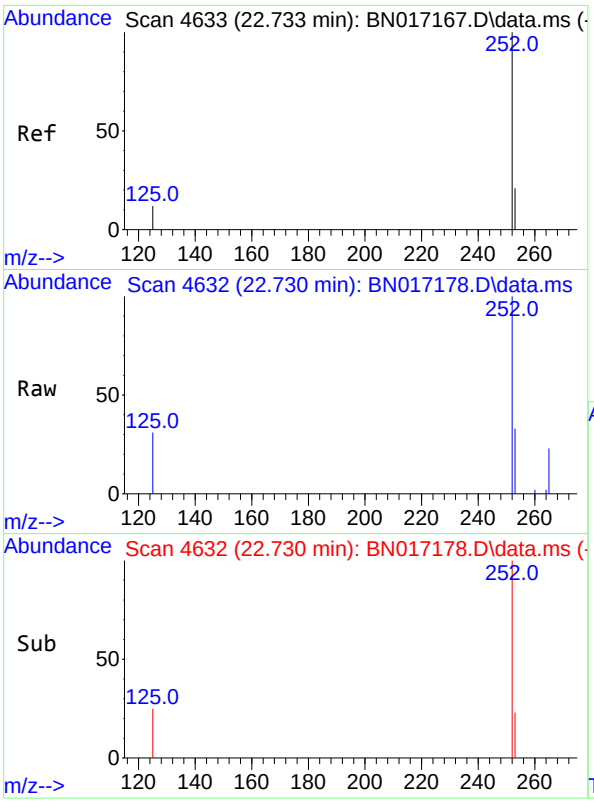
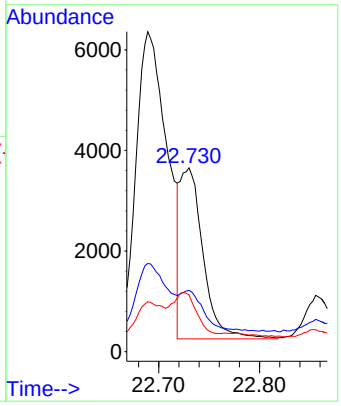


#25
Benzo(k)fluoranthene
Concen: 0.046 ng/ul m
RT: 22.730 min Scan# 4632
Delta R.T. -0.009 min
Lab File: BN017178.D
Acq: 29 Oct 2021 05:17

Tgt Ion:252 Resp: 5380

Ion	Ratio	Lower	Upper
252	100		
253	33.3	18.3	27.5#
125	30.9	10.0	15.0#



Instrument :
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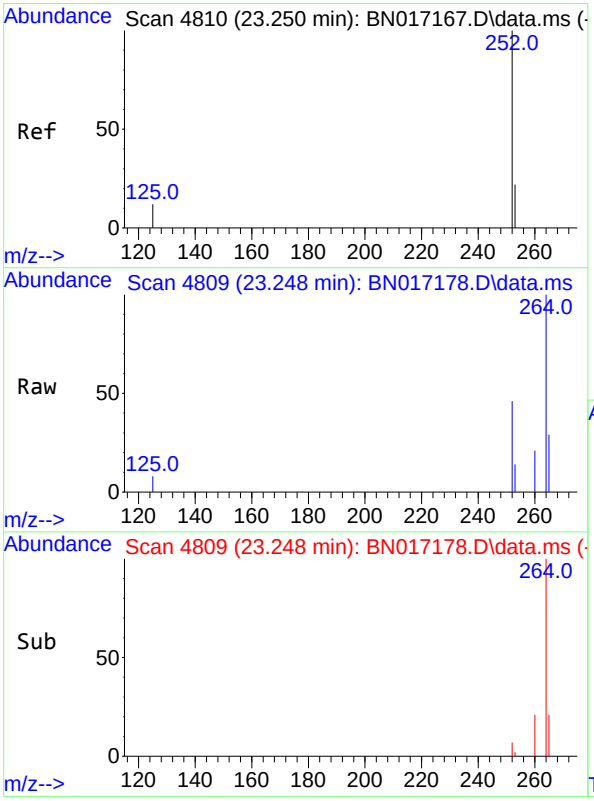
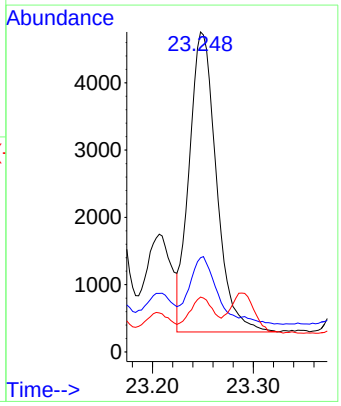
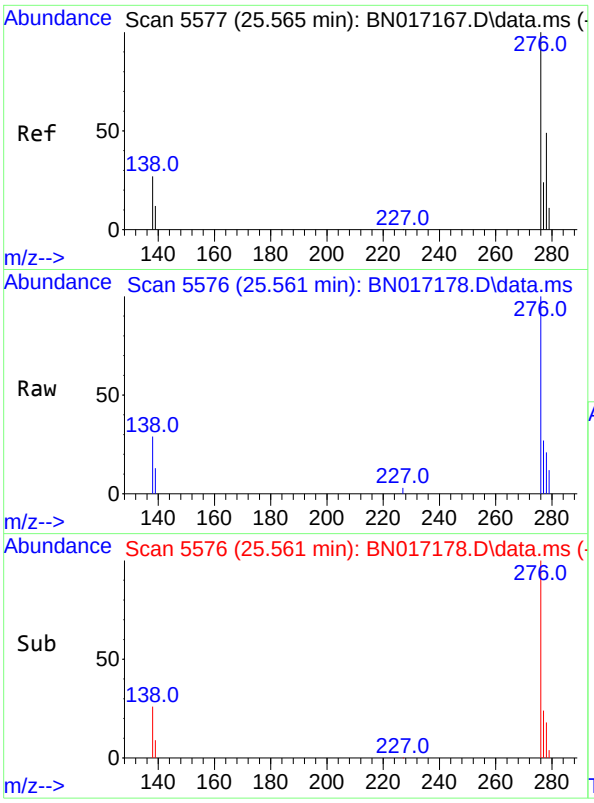


#26
Benzo(a)pyrene
Concen: 0.091 ng/ul
RT: 23.248 min Scan# 4809
Delta R.T. -0.009 min
Lab File: BN017178.D
Acq: 29 Oct 2021 05:17

Tgt Ion:252 Resp: 8352

Ion	Ratio	Lower	Upper
252	100		
253	29.4	19.3	28.9#
125	17.1	10.8	16.2#

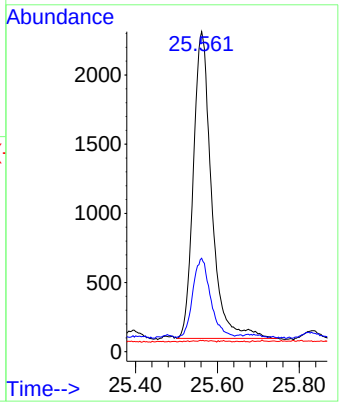


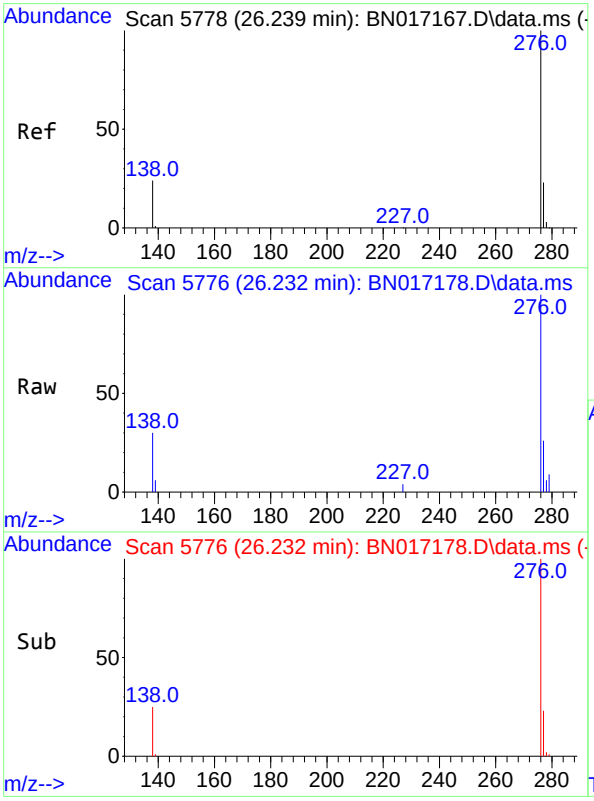


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.053 ng/ul
RT: 25.561 min Scan# 5576
Delta R.T. -0.010 min
Lab File: BN017178.D
Acq: 29 Oct 2021 05:17

Tgt Ion:276 Resp: 6832

Ion	Ratio	Lower	Upper
276	100		
138	25.2	22.2	33.4
227	0.2	0.0	0.0#

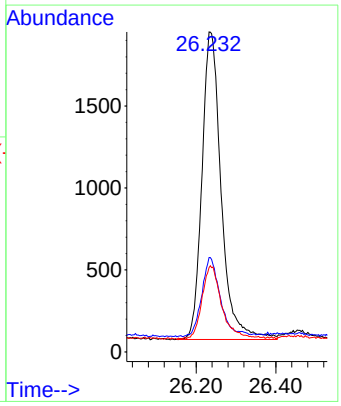




#29
Benzo(g,h,i)perylene
Concen: 0.057 ng/ul
RT: 26.232 min Scan# 5776
Delta R.T. -0.013 min
Lab File: BN017178.D
Acq: 29 Oct 2021 05:17

Tgt Ion:276 Resp: 6282

Ion	Ratio	Lower	Upper
276	100		
138	29.5	19.2	28.8#
277	26.3	19.0	28.6



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