Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051023\
Data File : BN025371.D
Acq On : 10 May 2023 09:07
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTD0.4297

Quant Time: May 11 01:10:02 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN042023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 10 12:11:16 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.900	152	4500	0.400	ng/ul	0.00
4) Naphthalene-d8	10.710	136	14240	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.543	164	9326	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.297	188	20198	0.400	ng/ul	0.00
17) Chrysene-d12	21.494	240	22909	0.400	ng/ul	0.00
23) Perylene-d12	23.911	264	26399	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.280	96	2024	0.434	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.304	152	7319	0.400	ng/ul	0.00
18) Fluoranthene-d10	19.326	212	22122	0.366	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.314	88	2181	0.435	ng/ul#	65
5) Naphthalene	10.759	128	14748	0.404	ng/ul	98
7) 2-Methylnaphthalene	12.376	142	8780	0.393	ng/ul	100
8) 1-Methylnaphthalene	12.596	142	10134	0.425	ng/ul	99
10) Acenaphthylene	14.266	152	15214	0.438	ng/ul	99
11) Acenaphthene	14.608	153	12121	0.414	ng/ul	100
12) Fluorene	15.603	166	14010	0.428	ng/ul	100
14) Pentachlorophenol	16.968	266	1572	0.396	ng/ul	98
15) Phenanthrene	17.339	178	22499	0.395	ng/ul	100
16) Anthracene	17.436	178	19851	0.426	ng/ul	100
19) Fluoranthene	19.359	202	29624	0.358	ng/ul	99
20) Pyrene	19.721	202	32064	0.377	ng/ul	99
21) Benzo(a)anthracene	21.480	228	30449	0.441	ng/ul	99
22) Chrysene	21.532	228	32313	0.429	ng/ul	100
24) Benzo(b)fluoranthene	23.172	252	35677	0.333	ng/ul	99
25) Benzo(k)fluoranthene	23.221	252	37333	0.362	ng/ul	99
26) Benzo(a)pyrene	23.806	252	33086	0.373	ng/ul	100
27) Indeno(1,2,3-cd)pyrene	26.427	276	41752	0.409	ng/ul#	99
28) Dibenzo(a,h)anthracene	26.444	278	32297	0.405	ng/ul	99
29) Benzo(g,h,i)perylene	27.198	276	35913	0.414	ng/ul	99

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

Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051023\
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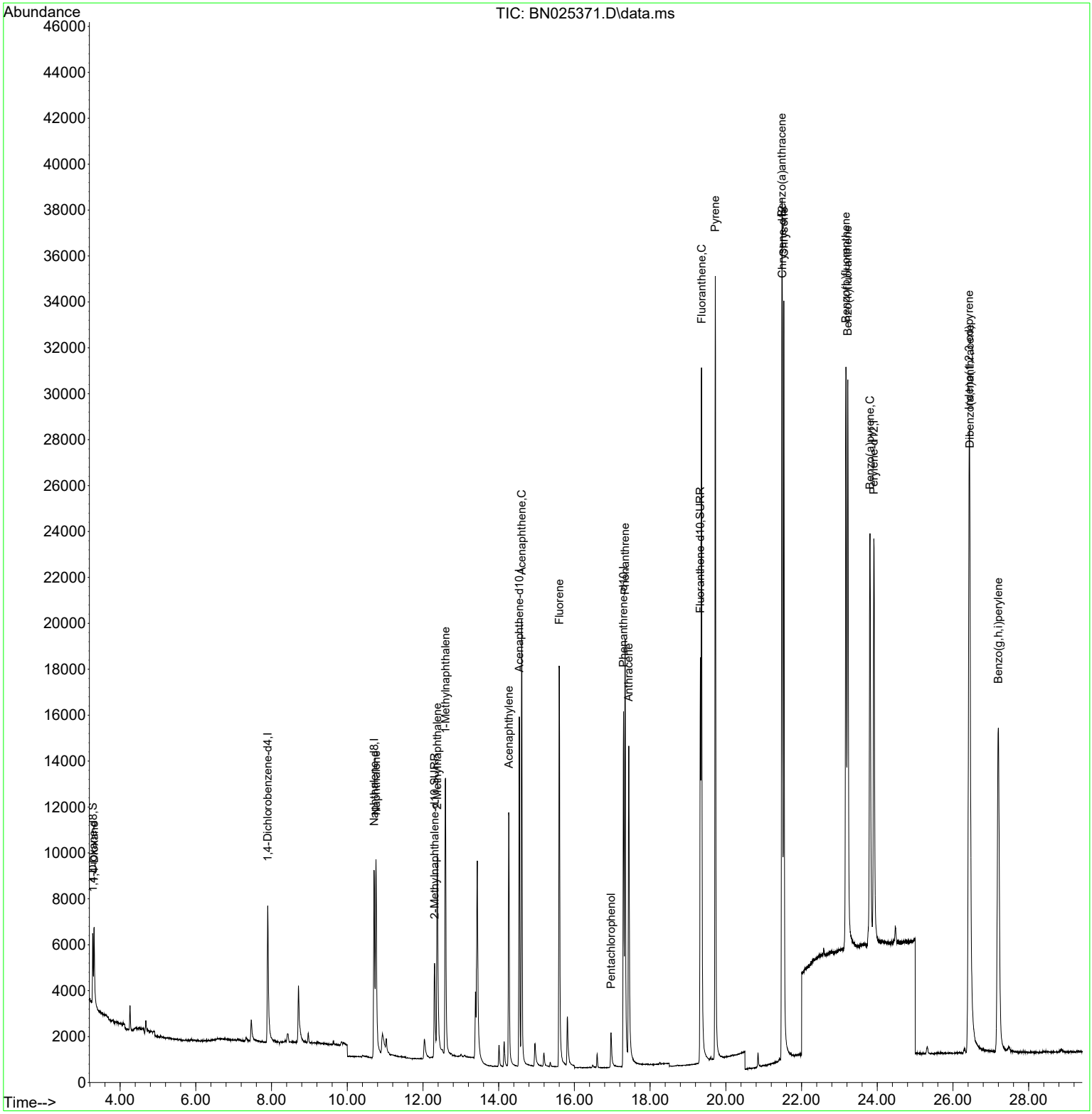
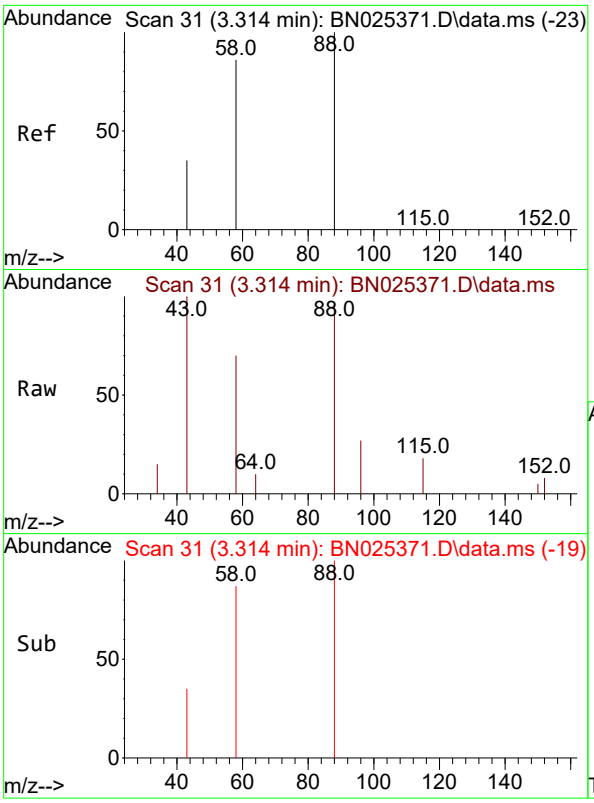
Quant Time: May 11 01:10:02 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN042023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 10 12:11:16 2023
Response via : Initial Calibration



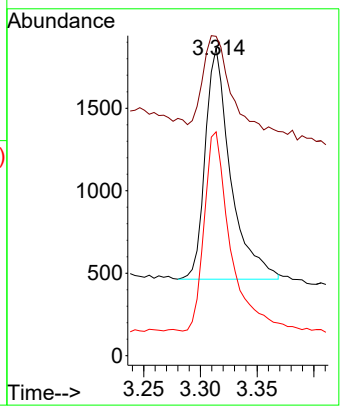


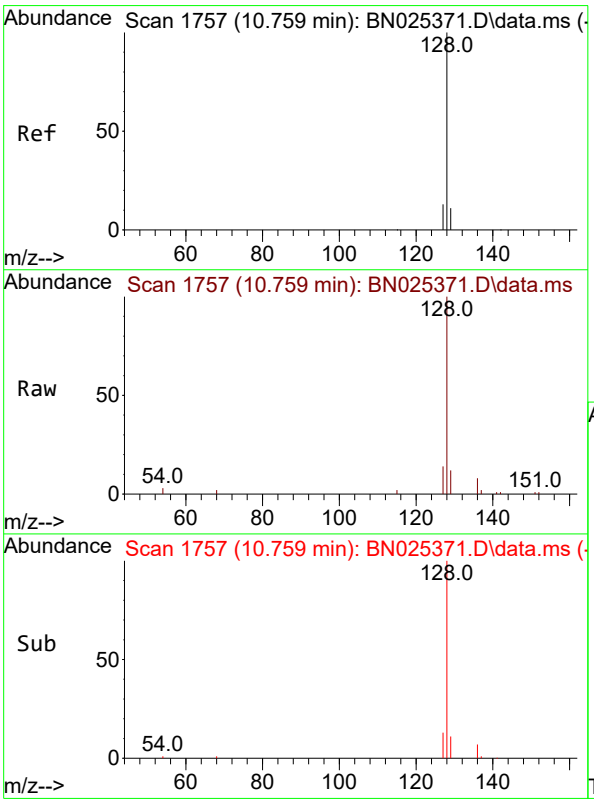
#2
1,4-Dioxane
Concen: 0.435 ng/ul
RT: 3.314 min Scan# 3
Delta R.T. 0.000 min
Lab File: BN025371.D
Acq: 10 May 2023 09:07

Instrument :
BNA_N
ClientSampleId :
SSTD0.4297

Tgt Ion: 88 Resp: 2181

Ion	Ratio	Lower	Upper
88	100		
43	103.8	37.0	55.4#
58	72.8	56.9	85.3

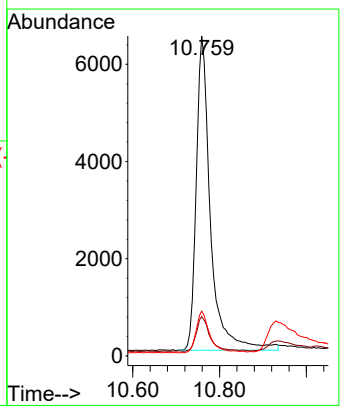


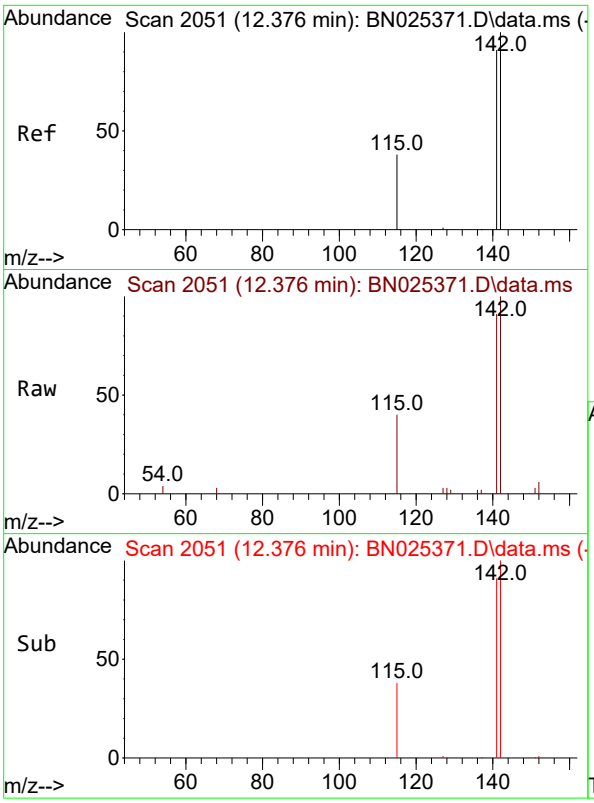


#5
Naphthalene
Concen: 0.404 ng/ul
RT: 10.759 min Scan# 1757
Delta R.T. 0.000 min
Lab File: BN025371.D
Acq: 10 May 2023 09:07

Tgt Ion:128 Resp: 14748

Ion	Ratio	Lower	Upper
128	100		
129	12.3	9.0	13.6
127	14.0	10.7	16.1



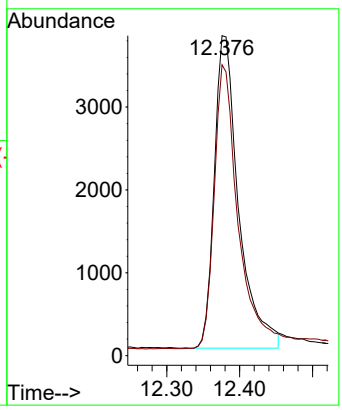


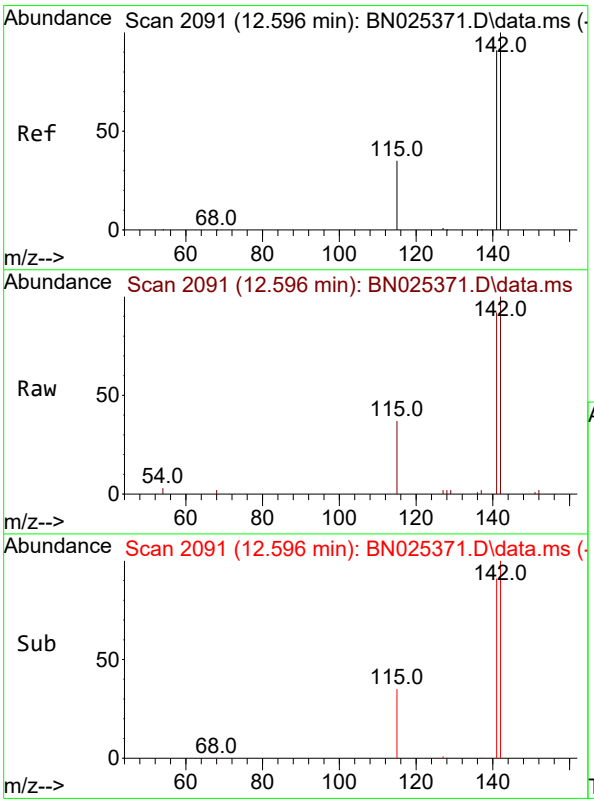
#7
2-Methylnaphthalene
Concen: 0.393 ng/ul
RT: 12.376 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN025371.D
Acq: 10 May 2023 09:07

Instrument :
BNA_N
ClientSampleId :
SSTD0.4297

Tgt Ion:142 Resp: 8780

Ion	Ratio	Lower	Upper
142	100		
141	89.3	71.4	107.0

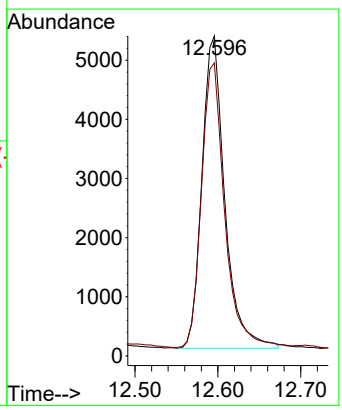


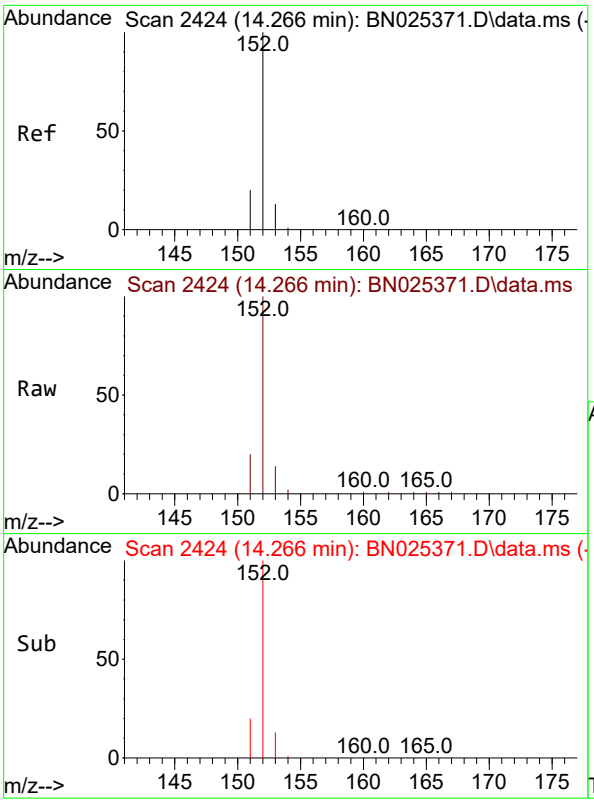


#8
1-Methylnaphthalene
Concen: 0.425 ng/ul
RT: 12.596 min Scan# 2091
Delta R.T. 0.000 min
Lab File: BN025371.D
Acq: 10 May 2023 09:07

Tgt Ion:142 Resp: 10134

Ion	Ratio	Lower	Upper
142	100		
141	91.7	73.8	110.6



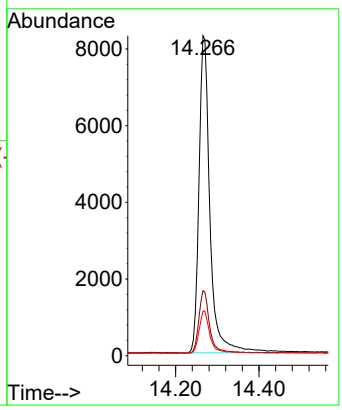


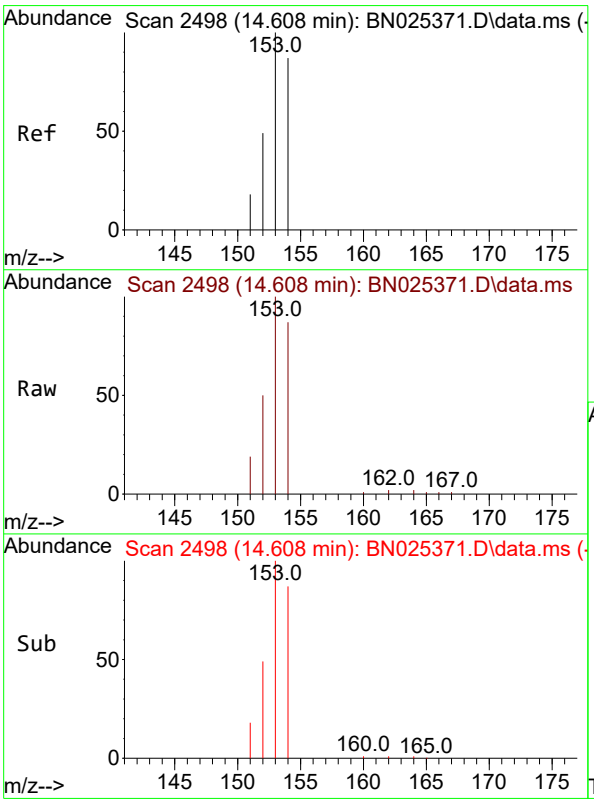
#10
Acenaphthylene
Concen: 0.438 ng/ul
RT: 14.266 min Scan# 24
Delta R.T. 0.000 min
Lab File: BN025371.D
Acq: 10 May 2023 09:07

Instrument :
BNA_N
ClientSampleId :
SSTD0.4297

Tgt Ion:152 Resp: 15214

Ion	Ratio	Lower	Upper
152	100		
151	20.3	16.0	24.0
153	14.0	10.8	16.2

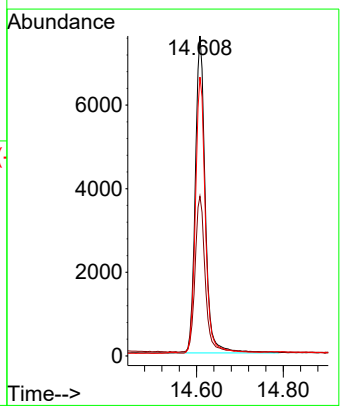


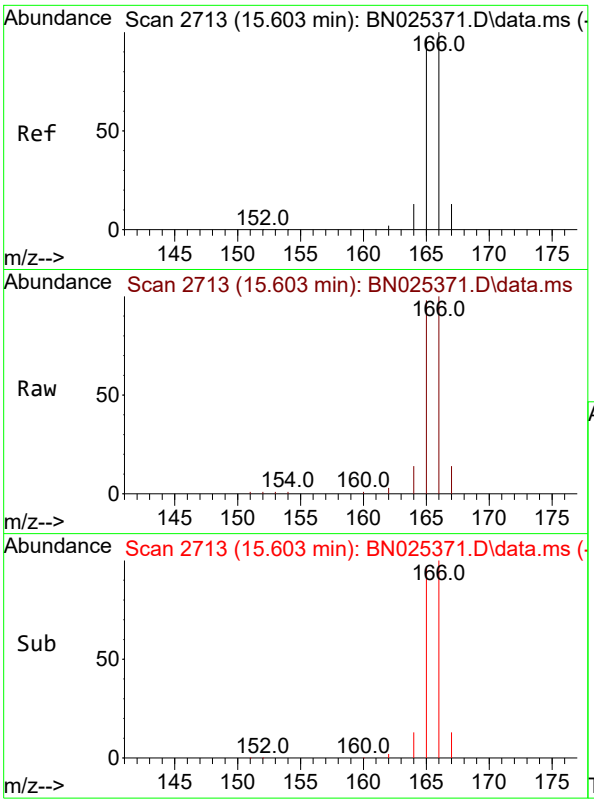


#11
Acenaphthene
Concen: 0.414 ng/ul
RT: 14.608 min Scan# 2498
Delta R.T. 0.000 min
Lab File: BN025371.D
Acq: 10 May 2023 09:07

Tgt Ion:153 Resp: 12121

Ion	Ratio	Lower	Upper
153	100		
152	49.9	40.2	60.4
154	87.1	69.4	104.2



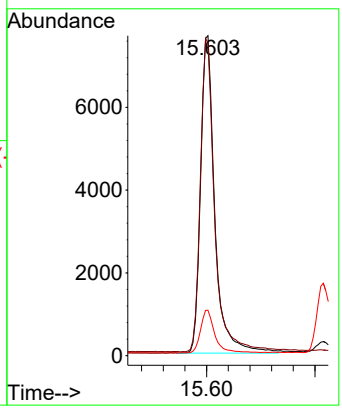


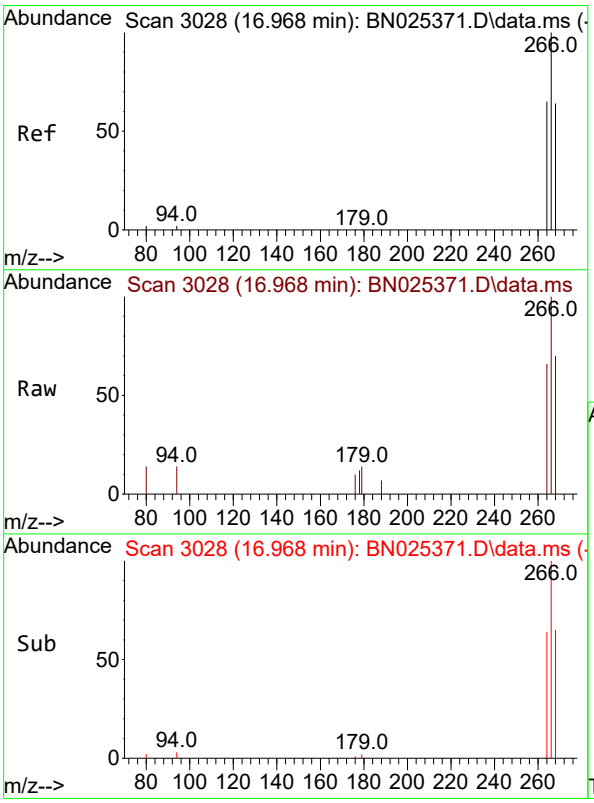
#12
Fluorene
Concen: 0.428 ng/ul
RT: 15.603 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN025371.D
Acq: 10 May 2023 09:07

Instrument :
BNA_N
ClientSampleId :
SSTD0.4297

Tgt Ion:166 Resp: 14010

Ion	Ratio	Lower	Upper
166	100		
165	97.7	78.1	117.1
167	14.2	11.0	16.6

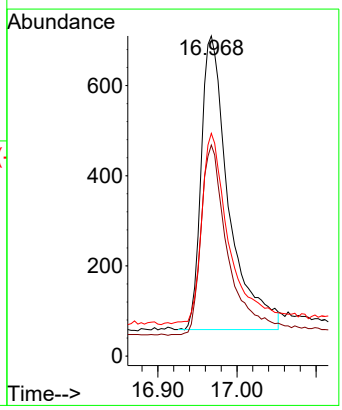


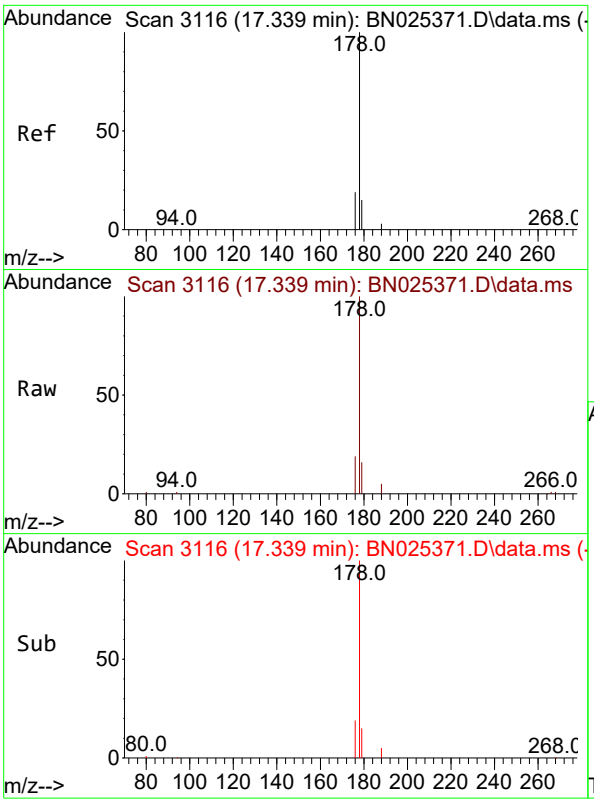


#14
Pentachlorophenol
Concen: 0.396 ng/ul
RT: 16.968 min Scan# 3028
Delta R.T. 0.000 min
Lab File: BN025371.D
Acq: 10 May 2023 09:07

Tgt Ion:266 Resp: 1572

Ion	Ratio	Lower	Upper
266	100		
264	63.5	49.6	74.4
268	65.0	51.3	76.9



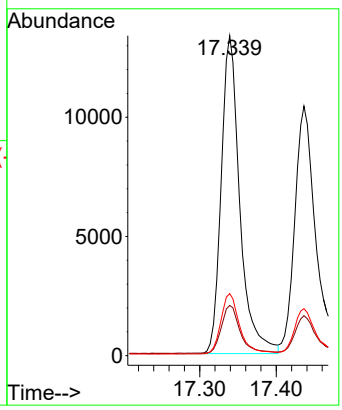


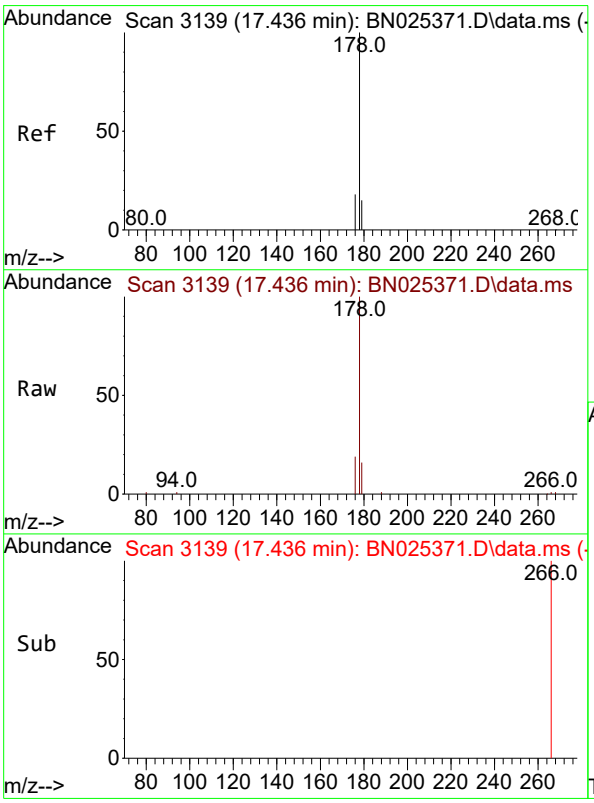
#15
Phenanthrene
Concen: 0.395 ng/ul
RT: 17.339 min Scan# 3
Delta R.T. 0.000 min
Lab File: BN025371.D
Acq: 10 May 2023 09:07

Instrument :
BNA_N
ClientSampleId :
SSTD0.4297

Tgt Ion:178 Resp: 22499

Ion	Ratio	Lower	Upper
178	100		
179	15.7	12.5	18.7
176	19.4	15.6	23.4

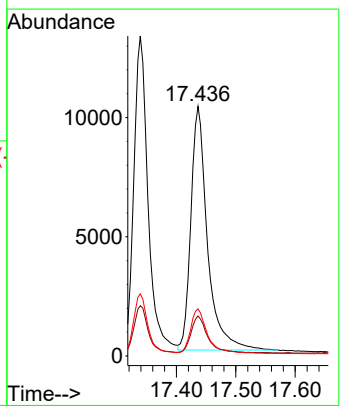


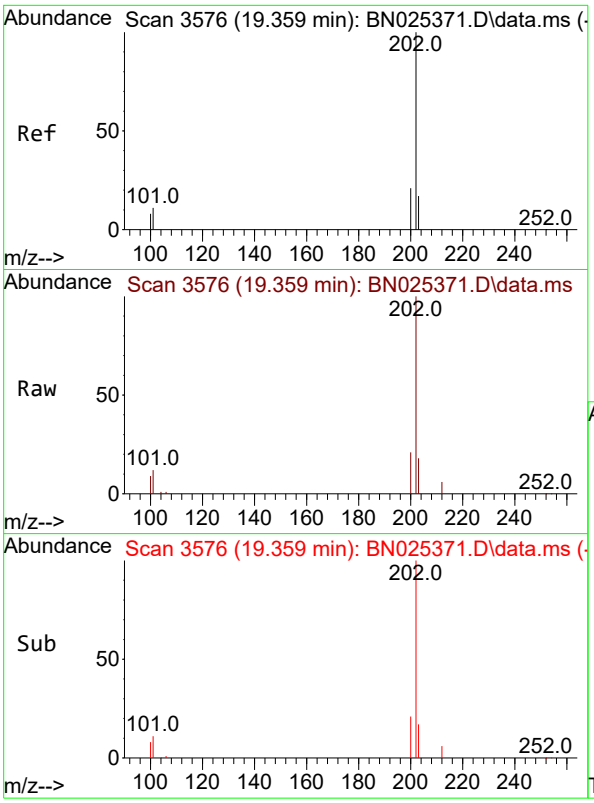


#16
Anthracene
Concen: 0.426 ng/ul
RT: 17.436 min Scan# 3139
Delta R.T. 0.000 min
Lab File: BN025371.D
Acq: 10 May 2023 09:07

Tgt Ion:178 Resp: 19851

Ion	Ratio	Lower	Upper
178	100		
179	16.0	12.7	19.1
176	18.9	15.3	22.9



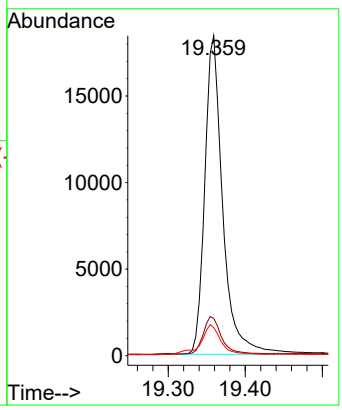


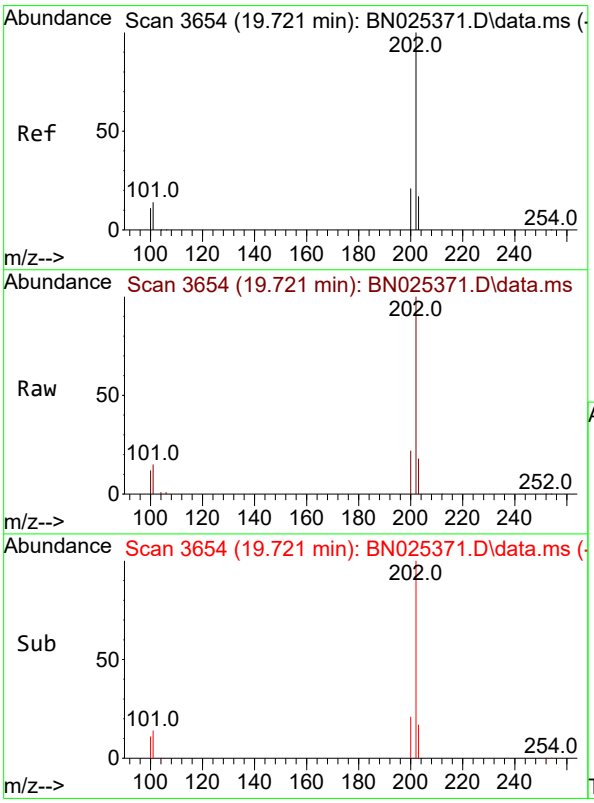
#19
Fluoranthene
Concen: 0.358 ng/ul
RT: 19.359 min Scan# 3
Delta R.T. 0.000 min
Lab File: BN025371.D
Acq: 10 May 2023 09:07

Instrument :
BNA_N
ClientSampleId :
SSTD0.4297

Tgt Ion:202 Resp: 29624

Ion	Ratio	Lower	Upper
202	100		
101	11.7	9.7	14.5
100	8.8	7.3	10.9

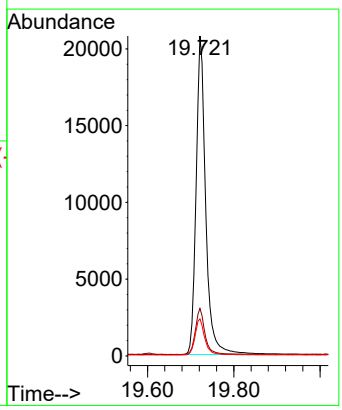


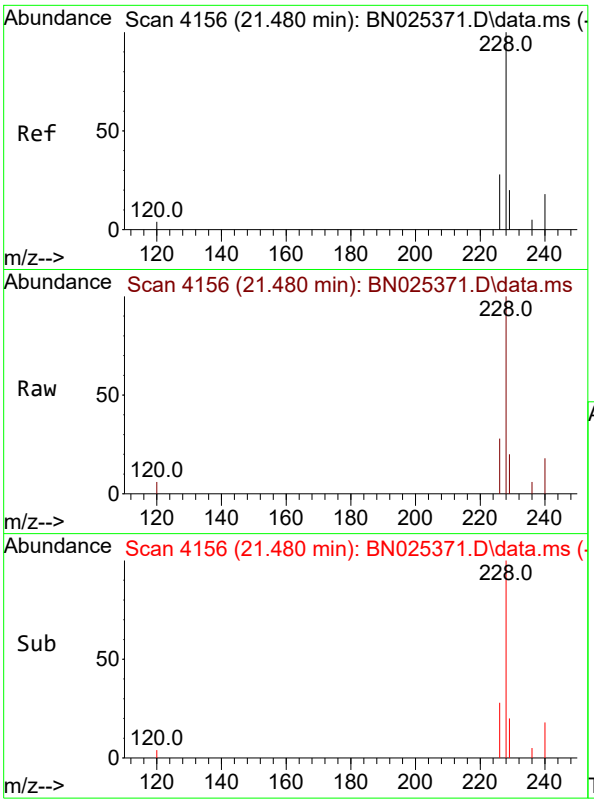


#20
Pyrene
Concen: 0.377 ng/ul
RT: 19.721 min Scan# 3654
Delta R.T. 0.000 min
Lab File: BN025371.D
Acq: 10 May 2023 09:07

Tgt Ion:202 Resp: 32064

Ion	Ratio	Lower	Upper
202	100		
101	14.8	11.3	16.9
100	11.6	9.2	13.8



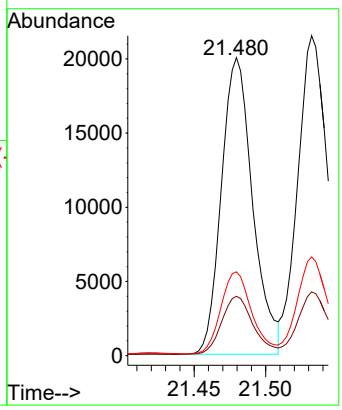


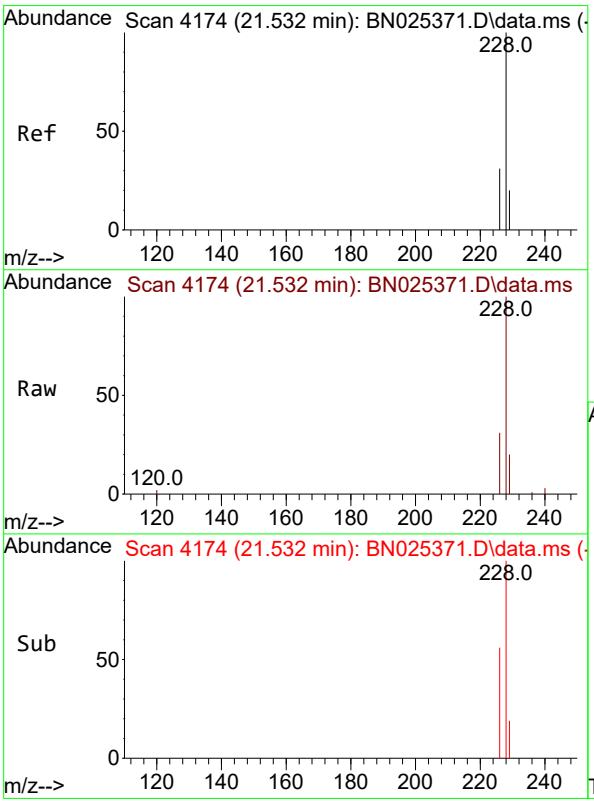
#21
Benzo(a)anthracene
Concen: 0.441 ng/ul
RT: 21.480 min Scan# 4
Delta R.T. 0.000 min
Lab File: BN025371.D
Acq: 10 May 2023 09:07

Instrument :
BNA_N
ClientSampleId :
SSTD0.4297

Tgt Ion:228 Resp: 30449

Ion	Ratio	Lower	Upper
228	100		
229	19.9	15.6	23.4
226	28.1	22.1	33.1

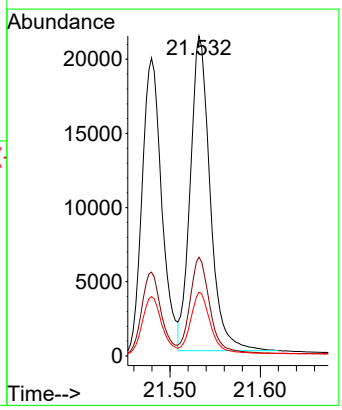


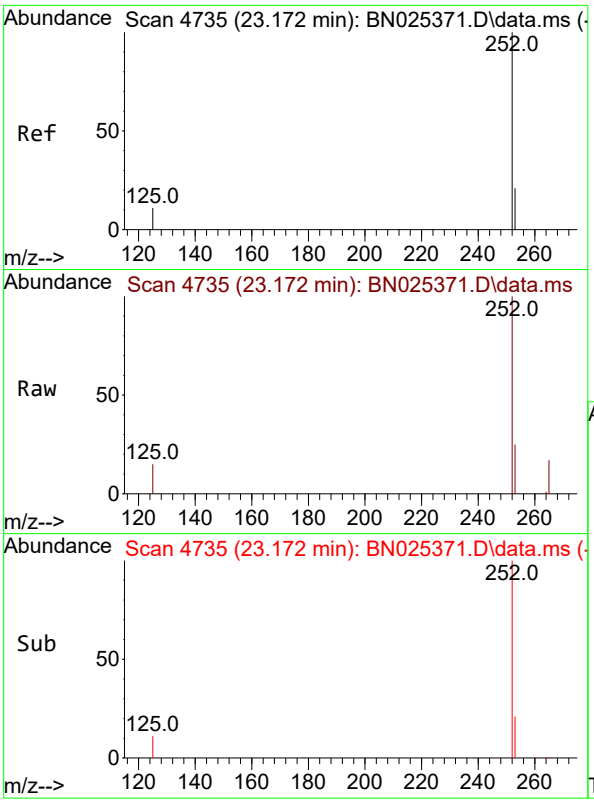


#22
Chrysene
Concen: 0.429 ng/ul
RT: 21.532 min Scan# 4174
Delta R.T. 0.000 min
Lab File: BN025371.D
Acq: 10 May 2023 09:07

Tgt Ion:228 Resp: 32313

Ion	Ratio	Lower	Upper
228	100		
226	30.9	24.5	36.7
229	19.9	15.8	23.6



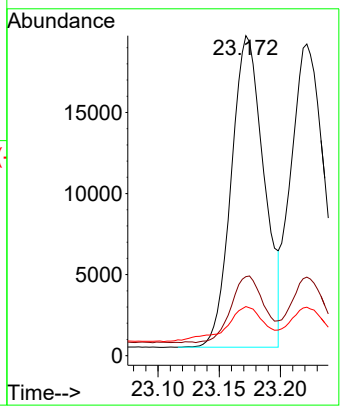


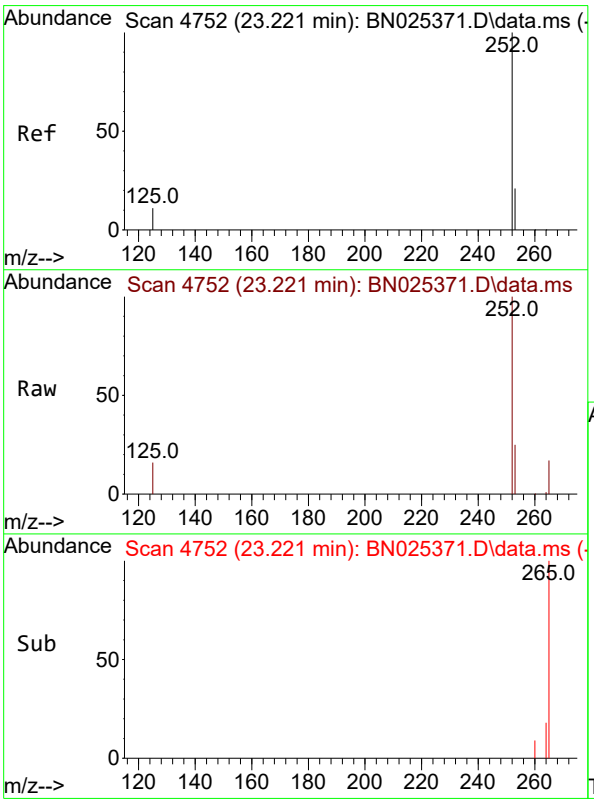
#24
Benzo(b)fluoranthene
Concen: 0.333 ng/ul
RT: 23.172 min Scan# 4
Delta R.T. 0.000 min
Lab File: BN025371.D
Acq: 10 May 2023 09:07

Instrument :
BNA_N
ClientSampleId :
SSTD0.4297

Tgt Ion:252 Resp: 35677

Ion	Ratio	Lower	Upper
252	100		
253	24.7	0.0	50.2
125	15.4	0.0	30.4

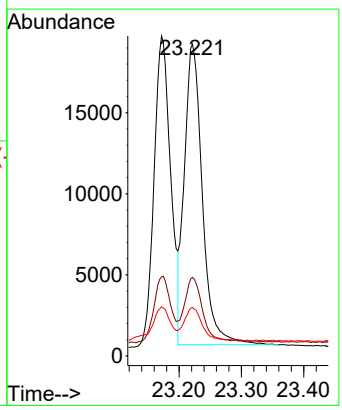


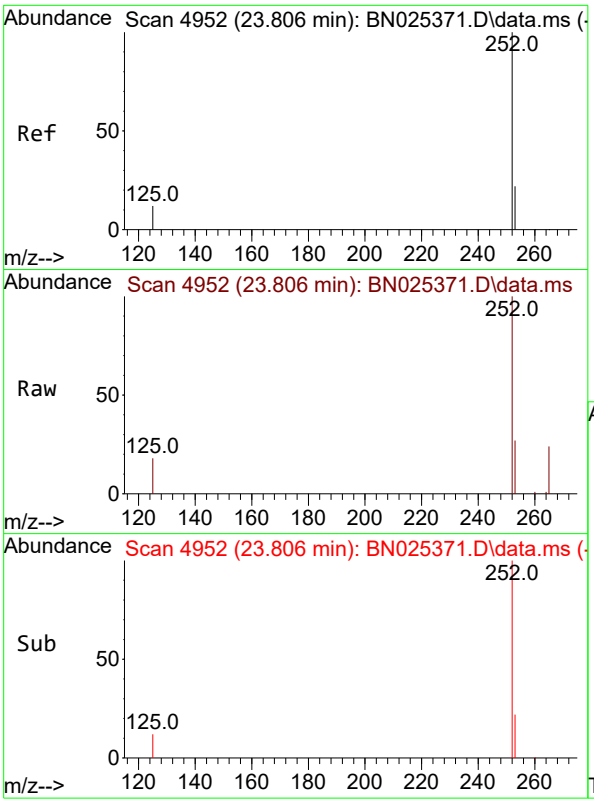


#25
Benzo(k)fluoranthene
Concen: 0.362 ng/ul
RT: 23.221 min Scan# 4752
Delta R.T. 0.000 min
Lab File: BN025371.D
Acq: 10 May 2023 09:07

Tgt Ion:252 Resp: 37333

Ion	Ratio	Lower	Upper
252	100		
253	25.2	20.2	30.4
125	15.6	11.8	17.8



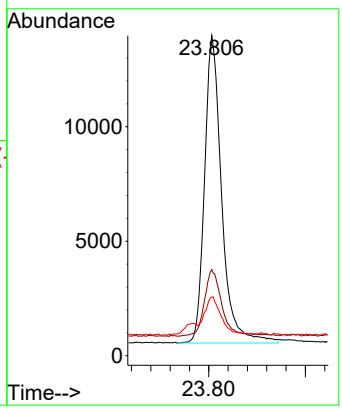


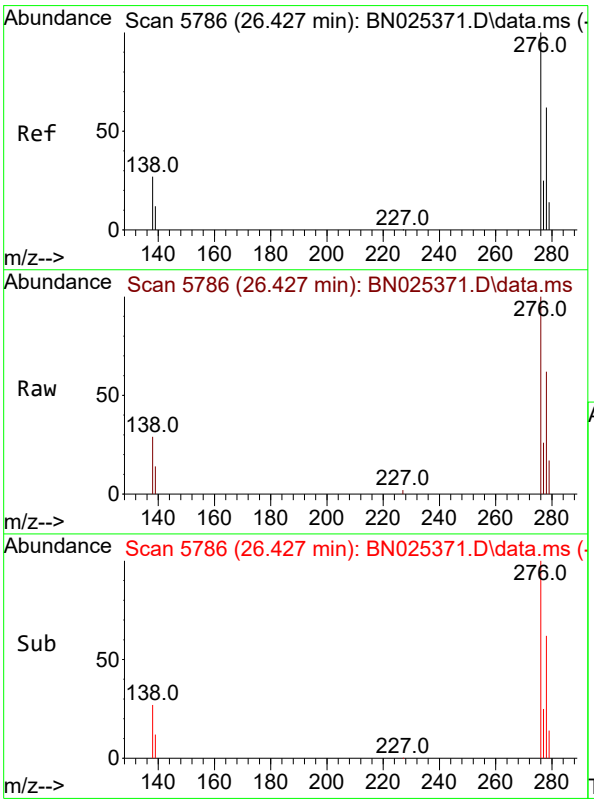
#26
Benzo(a)pyrene
Concen: 0.373 ng/ul
RT: 23.806 min Scan# 4
Delta R.T. 0.000 min
Lab File: BN025371.D
Acq: 10 May 2023 09:07

Instrument :
BNA_N
ClientSampleId :
SSTD0.4297

Tgt Ion:252 Resp: 33086

Ion	Ratio	Lower	Upper
252	100		
253	26.9	21.4	32.2
125	18.3	14.6	22.0

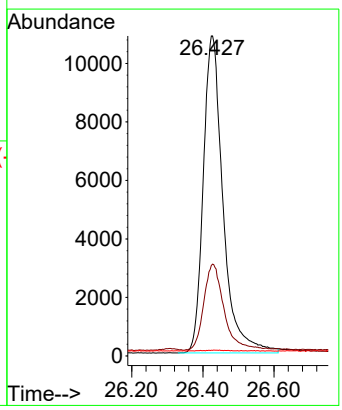


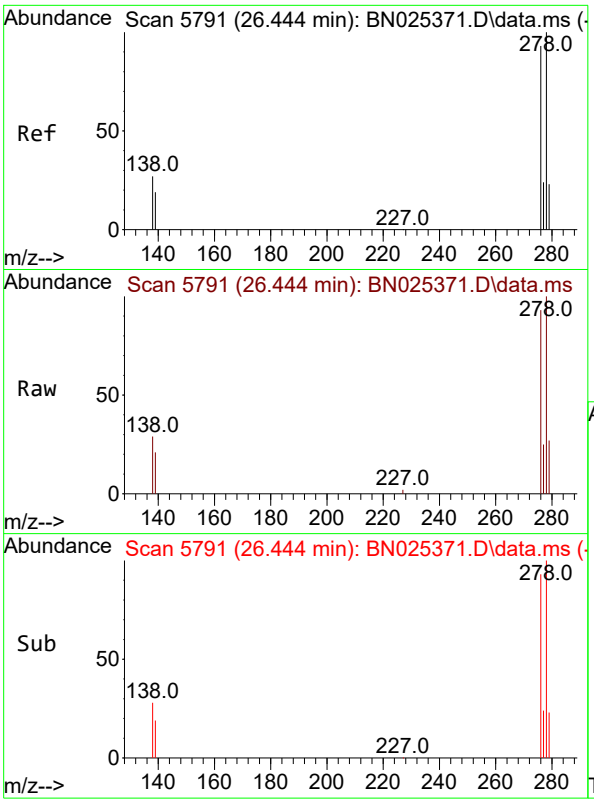


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.409 ng/ul
RT: 26.427 min Scan# 5786
Delta R.T. 0.000 min
Lab File: BN025371.D
Acq: 10 May 2023 09:07

Tgt Ion:276 Resp: 41752

Ion	Ratio	Lower	Upper
276	100		
138	28.2	21.9	32.9
227	0.3	0.1	0.1#



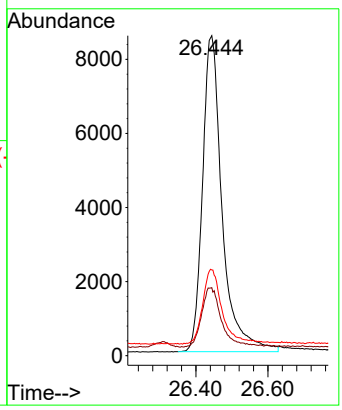


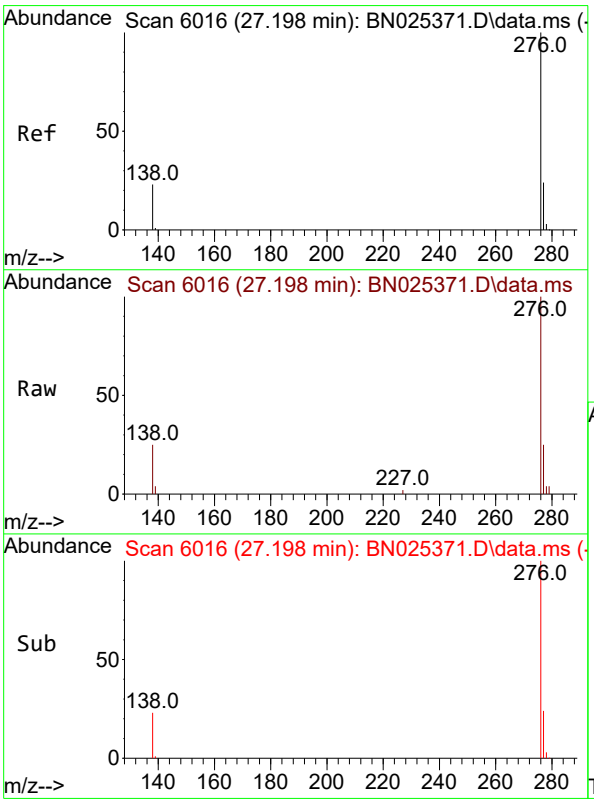
#28
Dibenzo(a,h)anthracene
Concen: 0.405 ng/ul
RT: 26.444 min Scan# 5
Delta R.T. 0.000 min
Lab File: BN025371.D
Acq: 10 May 2023 09:07

Instrument :
BNA_N
ClientSampleId :
SSTD0.4297

Tgt Ion:278 Resp: 32297

Ion	Ratio	Lower	Upper
278	100		
139	21.3	17.0	25.6
279	26.8	21.8	32.8





#29
Benzo(g,h,i)perylene
Concen: 0.414 ng/ul
RT: 27.198 min Scan# 6016
Delta R.T. 0.000 min
Lab File: BN025371.D
Acq: 10 May 2023 09:07

Tgt Ion:276 Resp: 35913

Ion	Ratio	Lower	Upper
276	100		
138	25.3	20.3	30.5
277	25.1	19.8	29.6