Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN021124\
Data File : BN029693.D
Acq On : 11 Feb 2024 20:44
Operator : MA/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 87 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTD0.4343

Quant Time: Feb 11 23:28:18 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 : Sun Feb 11 23:18:17 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.880	152	5089	0.400	ng/ul	0.00
4) Naphthalene-d8	10.678	136	13904	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.520	164	6059	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.272	188	11053	0.400	ng/ul	0.00
17) Chrysene-d12	21.470	240	8088	0.400	ng/ul	0.00
23) Perylene-d12	23.840	264	8076	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.332	96	2952	0.465	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.267	152	7809	0.441	ng/ul	0.00
18) Fluoranthene-d10	19.304	212	11147	0.419	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.370	88	3207	0.464	ng/ul	99
5) Naphthalene	10.727	128	17302	0.442	ng/ul	99
7) 2-Methylnaphthalene	12.344	142	9837	0.438	ng/ul	100
8) 1-Methylnaphthalene	12.564	142	9910	0.434	ng/ul	99
10) Acenaphthylene	14.243	152	12819	0.434	ng/ul	99
11) Acenaphthene	14.581	153	9879	0.440	ng/ul	98
12) Fluorene	15.571	166	10118	0.431	ng/ul	99
14) Pentachlorophenol	16.917	266	919	0.373	ng/ul#	53
15) Phenanthrene	17.314	178	14758	0.427	ng/ul	100
16) Anthracene	17.407	178	12323	0.424	ng/ul	99
19) Fluoranthene	19.337	202	15100	0.406	ng/ul	98
20) Pyrene	19.699	202	15486	0.407	ng/ul	98
21) Benzo(a)anthracene	21.455	228	12283	0.421	ng/ul	100
22) Chrysene	21.508	228	13517	0.424	ng/ul	99
24) Benzo(b)fluoranthene	23.121	252	13571	0.447	ng/ul	99
25) Benzo(k)fluoranthene	23.168	252	14661	0.435	ng/ul	98
26) Benzo(a)pyrene	23.735	252	12322	0.431	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	26.289	276	15579	0.449	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.326	278	12105	0.445	ng/ul	97
29) Benzo(g,h,i)perylene	27.043	276	14300	0.454	ng/ul	97

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN021124\
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Misc :
ALS Vial : 87 Sample Multiplier: 1

Instrument :
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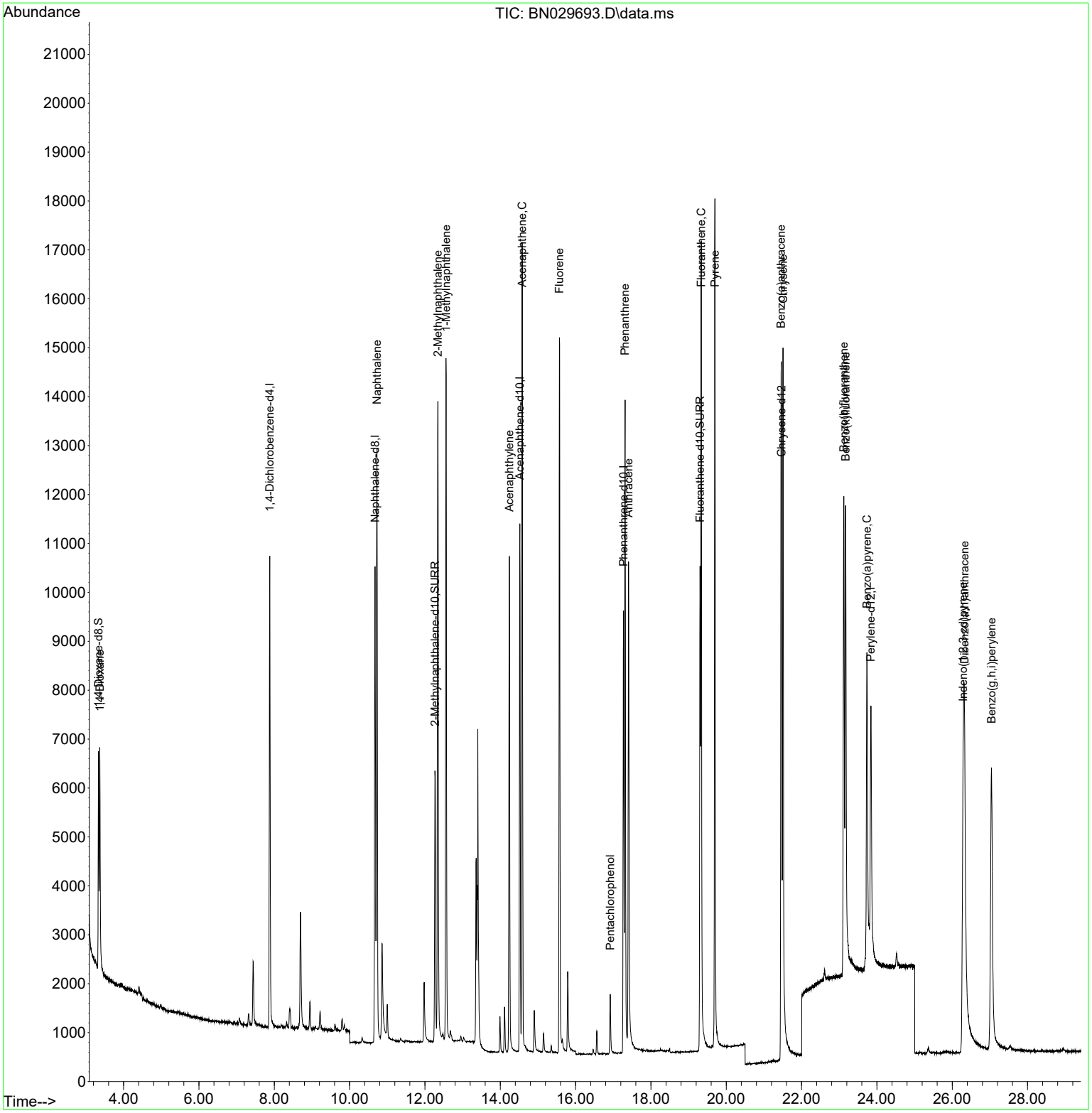
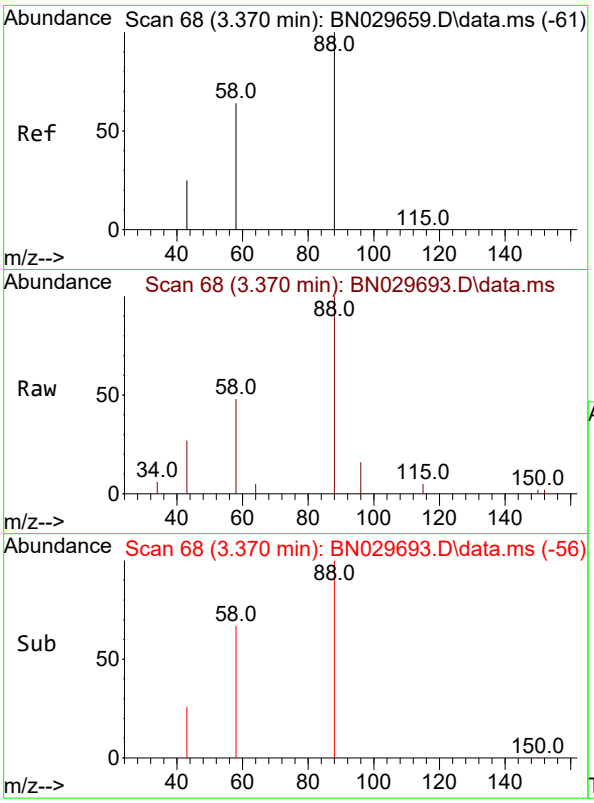
Quant Time: Feb 11 23:28:18 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN020624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Feb 11 23:18:17 2024
Response via : Initial Calibration



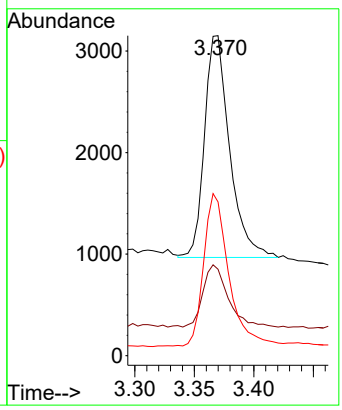


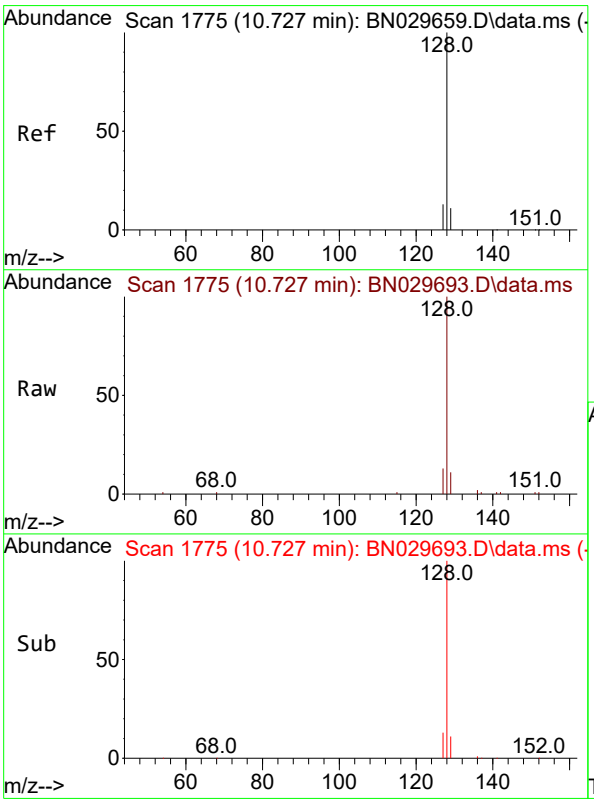
#2
1,4-Dioxane
Concen: 0.464 ng/ul
RT: 3.370 min Scan# 6
Delta R.T. 0.000 min
Lab File: BN029693.D
Acq: 11 Feb 2024 20:44

Instrument :
BNA_N
ClientSampleId :
SSTD0.4343

Tgt Ion: 88 Resp: 3207

Ion	Ratio	Lower	Upper
88	100		
43	27.0	21.8	32.6
58	48.1	39.3	58.9

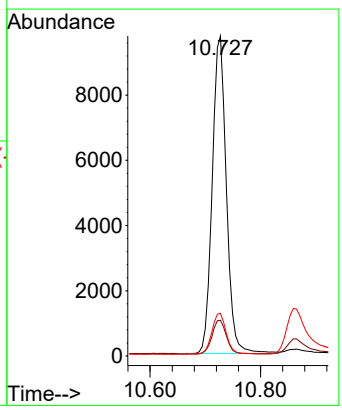


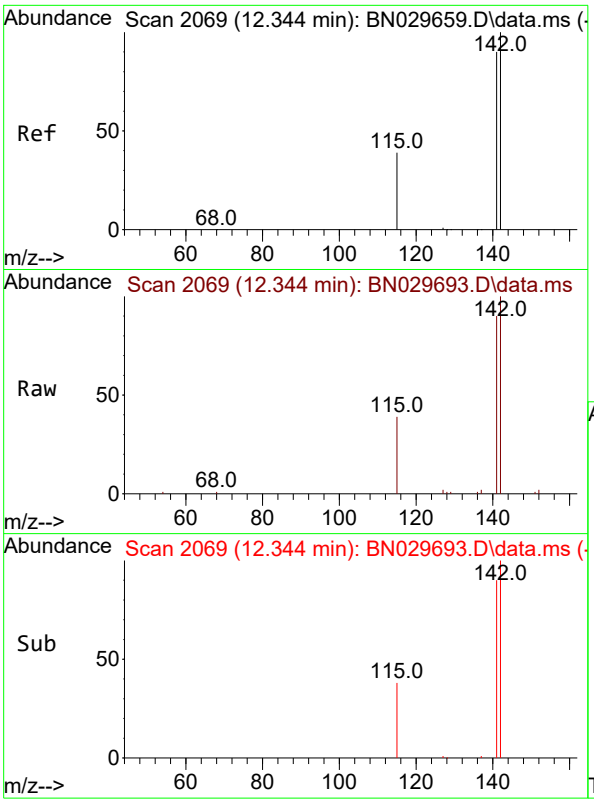


#5
Naphthalene
Concen: 0.442 ng/ul
RT: 10.727 min Scan# 1775
Delta R.T. 0.000 min
Lab File: BN029693.D
Acq: 11 Feb 2024 20:44

Tgt Ion:128 Resp: 17302

Ion	Ratio	Lower	Upper
128	100		
129	11.2	9.1	13.7
127	13.3	11.0	16.6



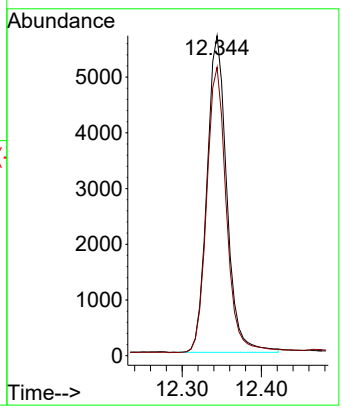


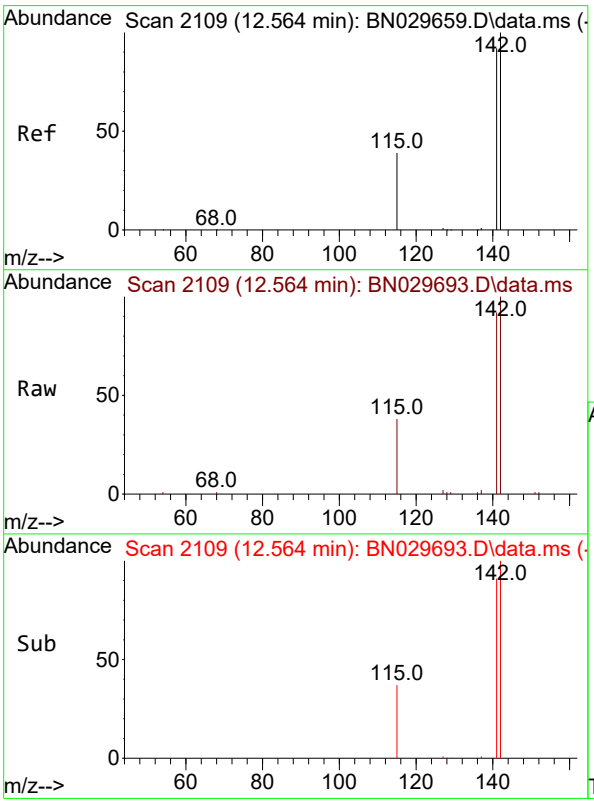
#7
2-Methylnaphthalene
Concen: 0.438 ng/ul
RT: 12.344 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN029693.D
Acq: 11 Feb 2024 20:44

Instrument :
BNA_N
ClientSampleId :
SSTD0.4343

Tgt Ion:142 Resp: 9837

Ion	Ratio	Lower	Upper
142	100		
141	89.8	71.5	107.3

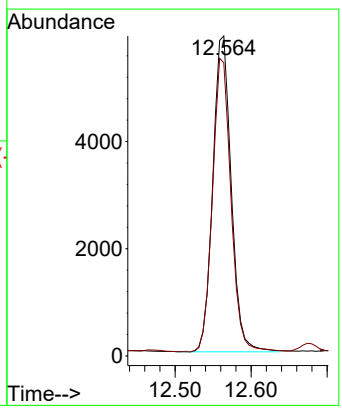


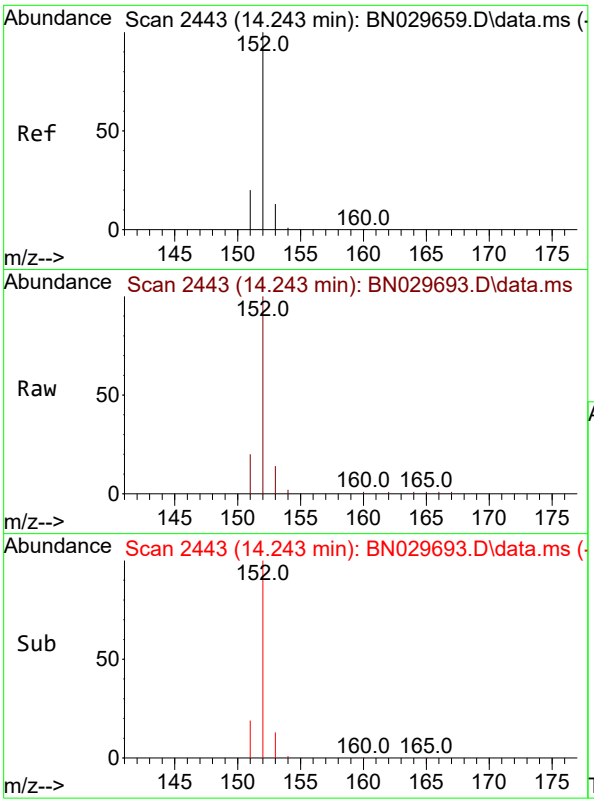


#8
1-Methylnaphthalene
Concen: 0.434 ng/ul
RT: 12.564 min Scan# 2109
Delta R.T. 0.000 min
Lab File: BN029693.D
Acq: 11 Feb 2024 20:44

Tgt Ion:142 Resp: 9910

Ion	Ratio	Lower	Upper
142	100		
141	93.0	73.9	110.9



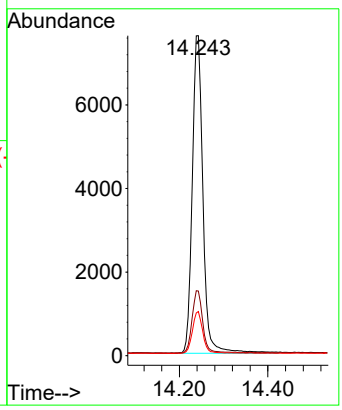


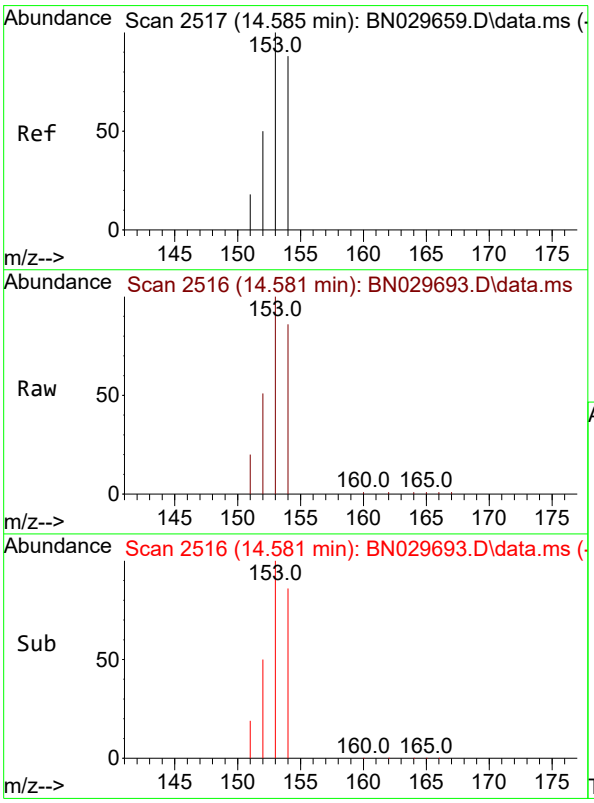
#10
Acenaphthylene
Concen: 0.434 ng/ul
RT: 14.243 min Scan# 24
Delta R.T. 0.000 min
Lab File: BN029693.D
Acq: 11 Feb 2024 20:44

Instrument :
BNA_N
ClientSampleId :
SSTD0.4343

Tgt Ion:152 Resp: 12819

Ion	Ratio	Lower	Upper
152	100		
151	20.2	15.8	23.8
153	13.8	10.9	16.3

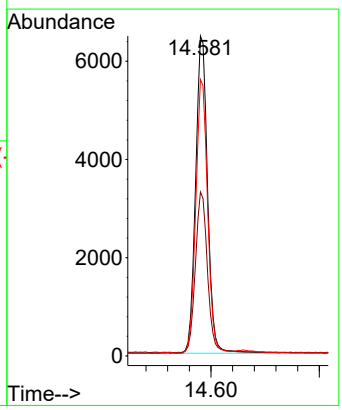


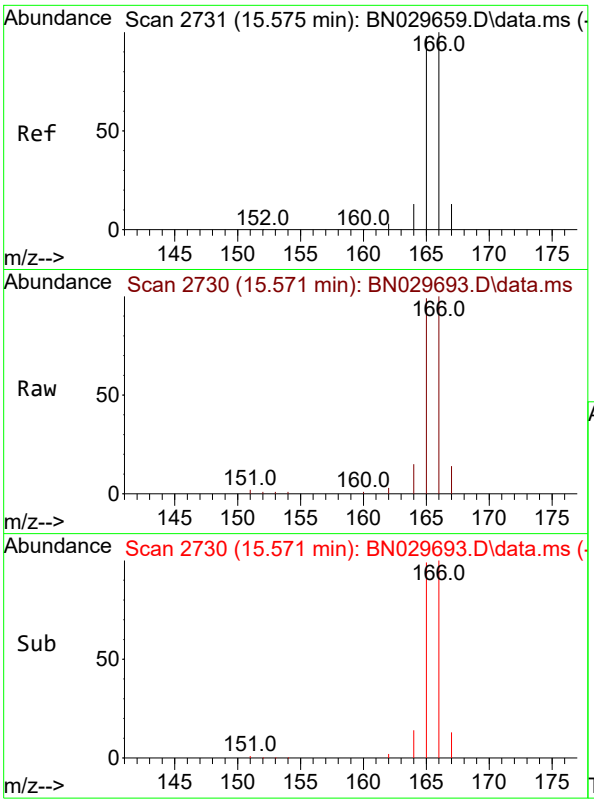


#11
Acenaphthene
Concen: 0.440 ng/ul
RT: 14.581 min Scan# 2516
Delta R.T. -0.005 min
Lab File: BN029693.D
Acq: 11 Feb 2024 20:44

Tgt Ion:153 Resp: 9879

Ion	Ratio	Lower	Upper
153	100		
152	51.3	41.5	62.3
154	86.4	70.9	106.3



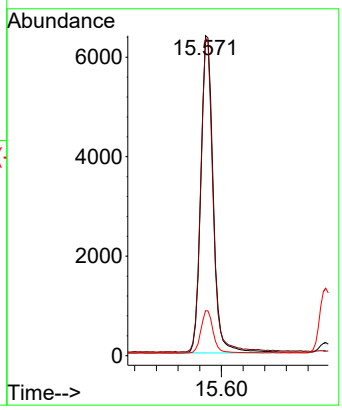


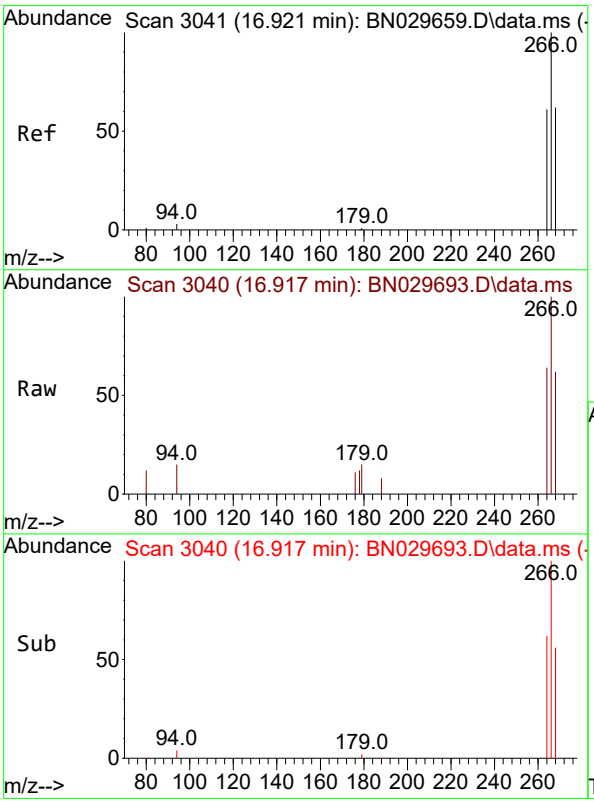
#12
Fluorene
Concen: 0.431 ng/ul
RT: 15.571 min Scan# 2
Delta R.T. -0.005 min
Lab File: BN029693.D
Acq: 11 Feb 2024 20:44

Instrument :
BNA_N
ClientSampleId :
SSTD0.4343

Tgt Ion:166 Resp: 10118

Ion	Ratio	Lower	Upper
166	100		
165	99.2	78.6	117.8
167	14.1	11.5	17.3

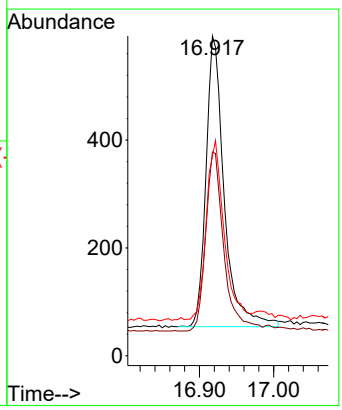


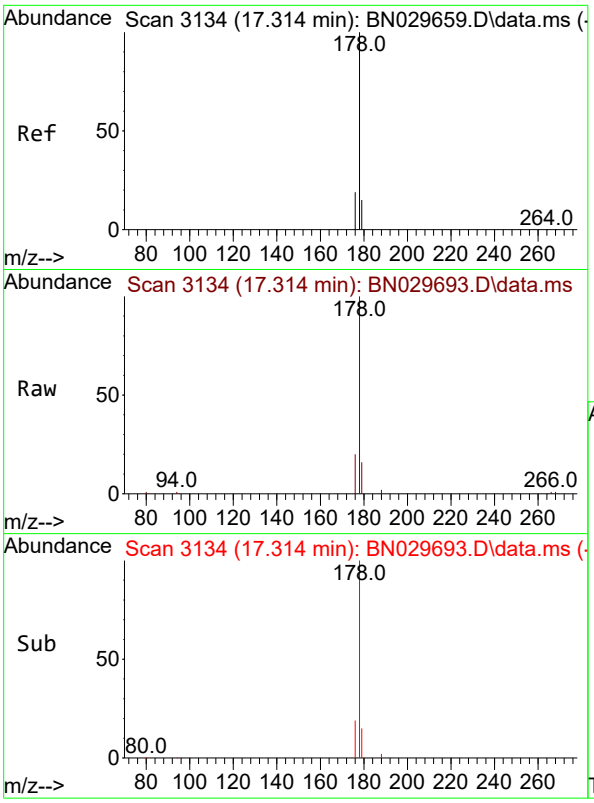


#14
Pentachlorophenol
Concen: 0.373 ng/ul
RT: 16.917 min Scan# 3040
Delta R.T. -0.004 min
Lab File: BN029693.D
Acq: 11 Feb 2024 20:44

Tgt Ion:266 Resp: 919

Ion	Ratio	Lower	Upper
266	100		
264	62.2	0.0	0.0#
268	60.3	0.2	0.2#



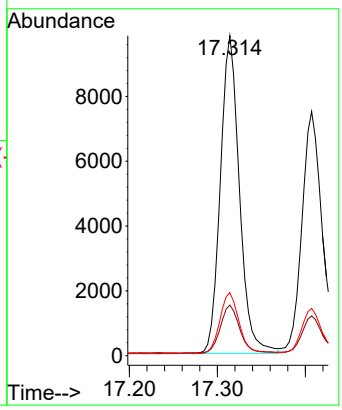


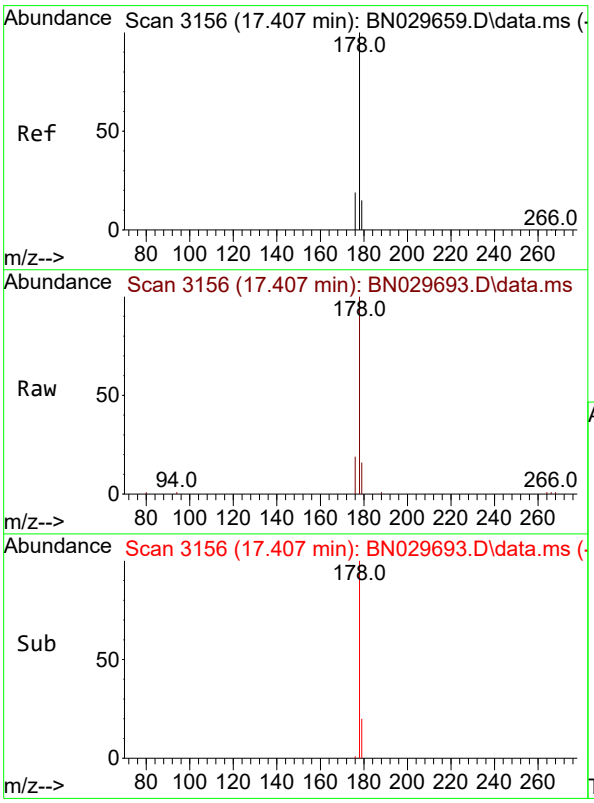
#15
Phenanthrene
Concen: 0.427 ng/ul
RT: 17.314 min Scan# 3
Delta R.T. 0.000 min
Lab File: BN029693.D
Acq: 11 Feb 2024 20:44

Instrument :
BNA_N
ClientSampleId :
SSTD0.4343

Tgt Ion:178 Resp: 14758

Ion	Ratio	Lower	Upper
178	100		
179	15.8	12.6	18.8
176	19.7	15.7	23.5

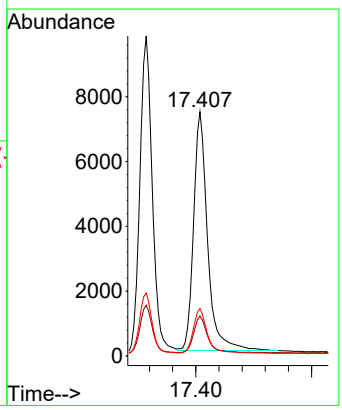


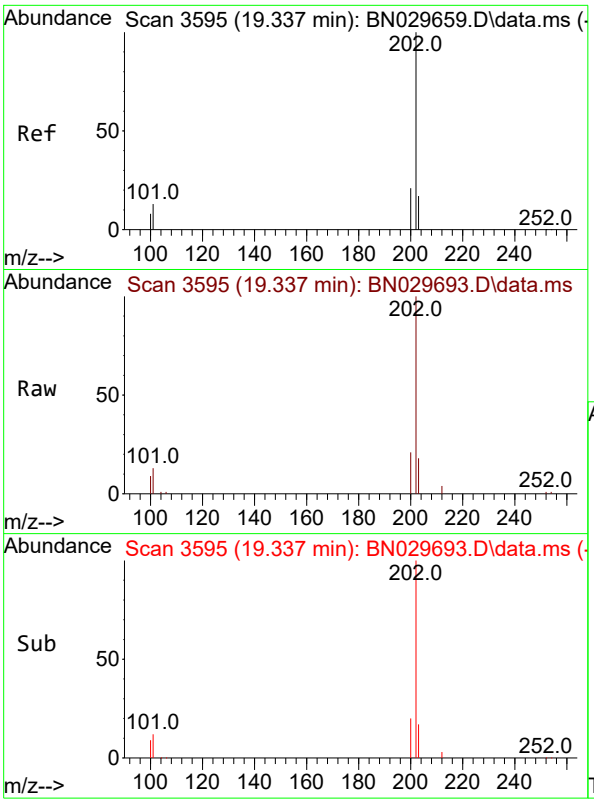


#16
Anthracene
Concen: 0.424 ng/ul
RT: 17.407 min Scan# 3156
Delta R.T. 0.000 min
Lab File: BN029693.D
Acq: 11 Feb 2024 20:44

Tgt Ion:178 Resp: 12323

Ion	Ratio	Lower	Upper
178	100		
179	16.3	12.9	19.3
176	19.4	15.8	23.8



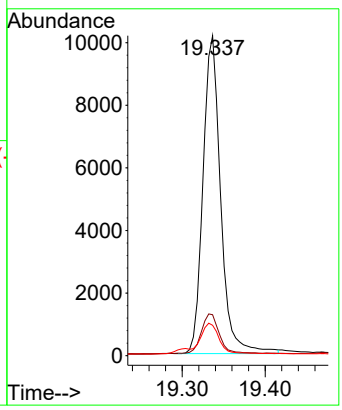


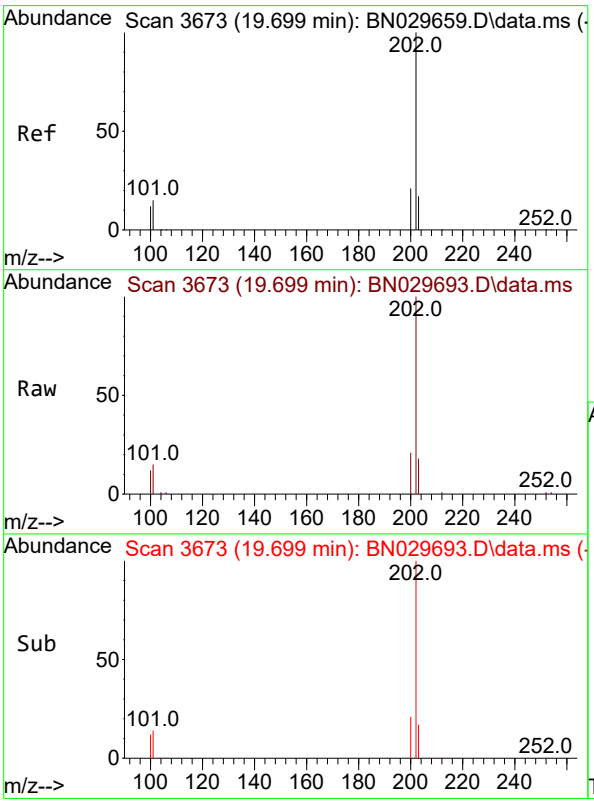
#19
Fluoranthene
Concen: 0.406 ng/ul
RT: 19.337 min Scan# 3
Delta R.T. 0.000 min
Lab File: BN029693.D
Acq: 11 Feb 2024 20:44

Instrument :
BNA_N
ClientSampleId :
SSTD0.4343

Tgt Ion:202 Resp: 15100

Ion	Ratio	Lower	Upper
202	100		
101	12.8	10.4	15.6
100	9.5	8.5	12.7

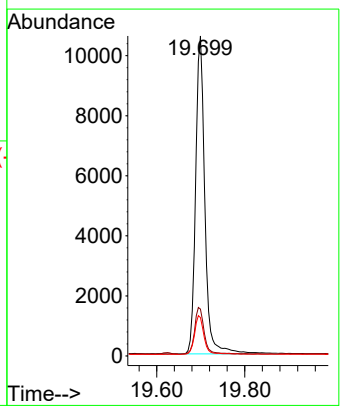


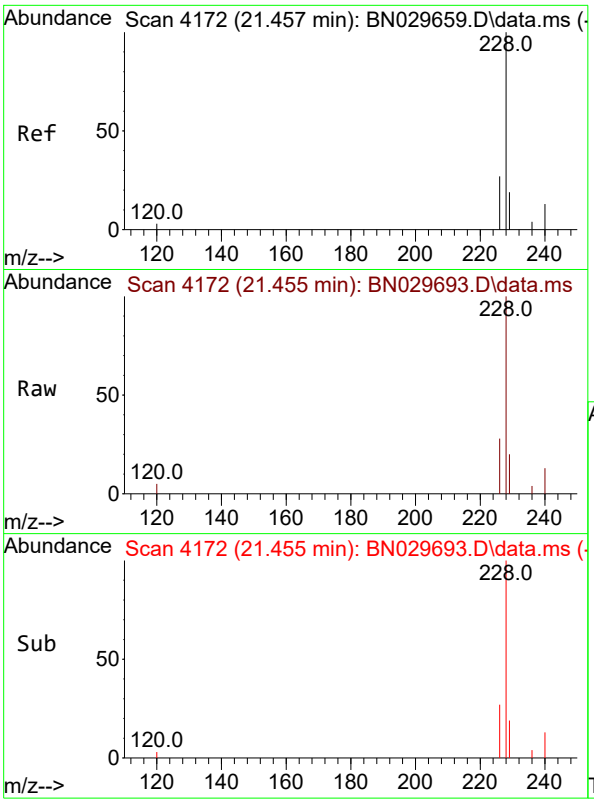


#20
Pyrene
Concen: 0.407 ng/ul
RT: 19.699 min Scan# 3673
Delta R.T. 0.000 min
Lab File: BN029693.D
Acq: 11 Feb 2024 20:44

Tgt Ion:202 Resp: 15486

Ion	Ratio	Lower	Upper
202	100		
101	14.6	12.5	18.7
100	12.0	10.0	15.0



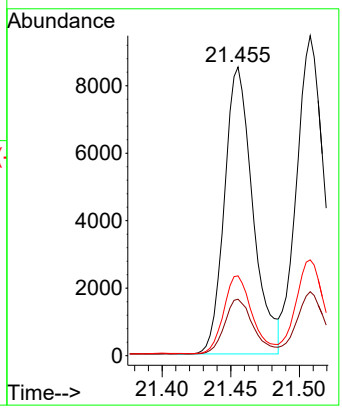


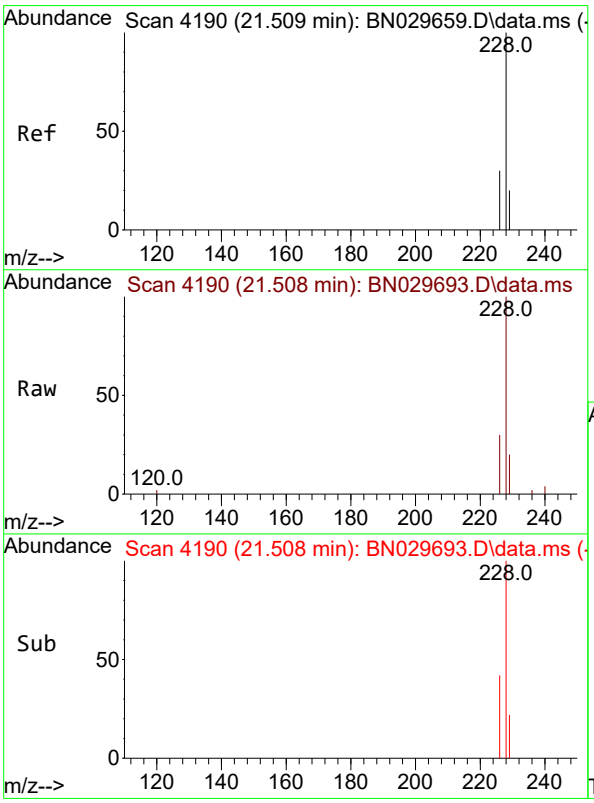
#21
Benzo(a)anthracene
Concen: 0.421 ng/ul
RT: 21.455 min Scan# 41
Delta R.T. -0.002 min
Lab File: BN029693.D
Acq: 11 Feb 2024 20:44

Instrument :
BNA_N
ClientSampleId :
SSTD0.4343

Tgt Ion:228 Resp: 12283

Ion	Ratio	Lower	Upper
228	100		
229	19.6	15.7	23.5
226	27.7	22.2	33.4

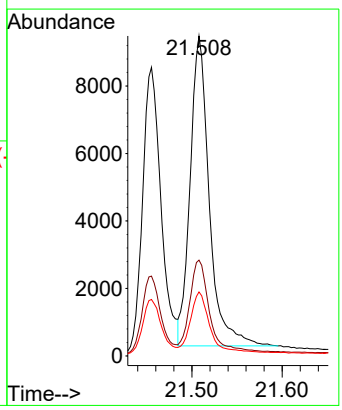


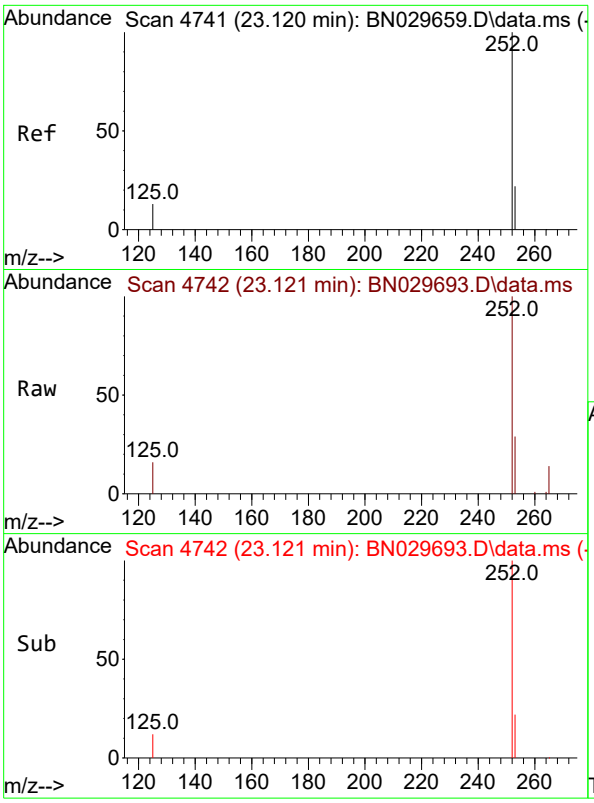


#22
Chrysene
Concen: 0.424 ng/ul
RT: 21.508 min Scan# 4190
Delta R.T. -0.002 min
Lab File: BN029693.D
Acq: 11 Feb 2024 20:44

Tgt Ion:228 Resp: 13517

Ion	Ratio	Lower	Upper
228	100		
226	29.9	24.2	36.2
229	20.0	15.7	23.5



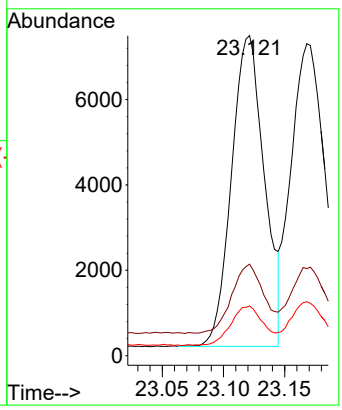


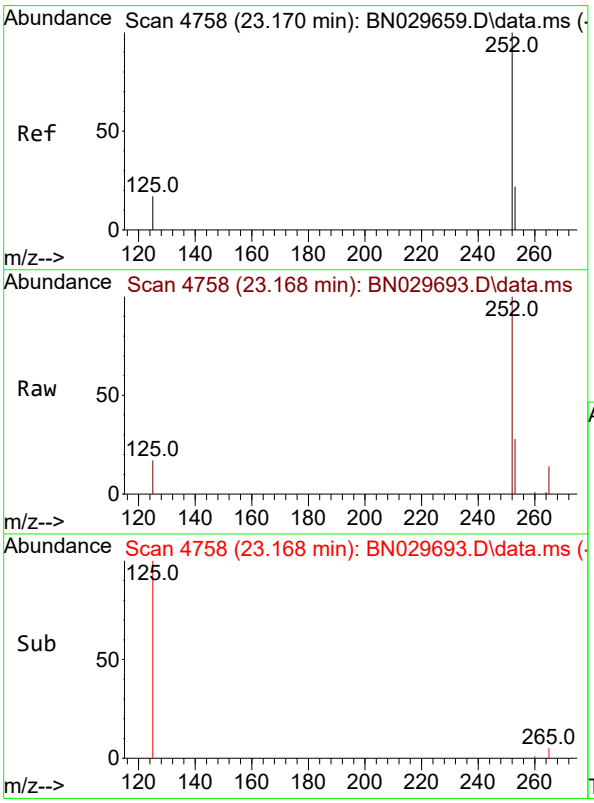
#24
Benzo(b)fluoranthene
Concen: 0.447 ng/ul
RT: 23.121 min Scan# 4
Delta R.T. 0.001 min
Lab File: BN029693.D
Acq: 11 Feb 2024 20:44

Instrument :
BNA_N
ClientSampleId :
SSTD0.4343

Tgt Ion:252 Resp: 13571

Ion	Ratio	Lower	Upper
252	100		
253	28.6	0.0	56.8
125	15.5	0.0	32.4

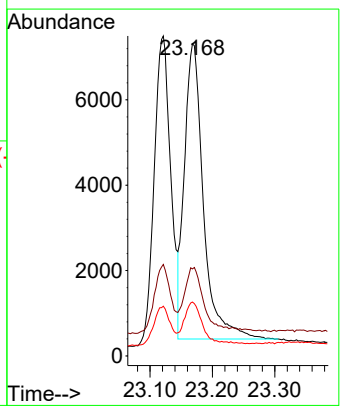


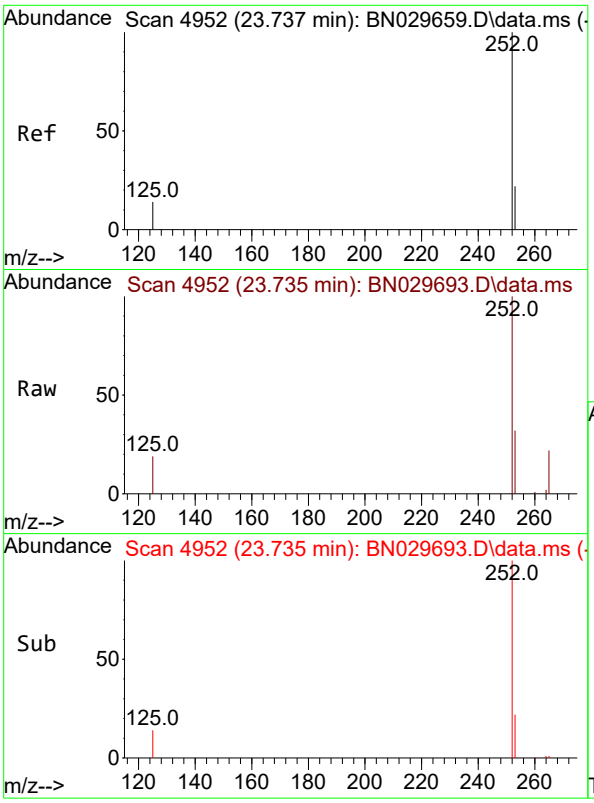


#25
Benzo(k)fluoranthene
Concen: 0.435 ng/ul
RT: 23.168 min Scan# 4758
Delta R.T. -0.002 min
Lab File: BN029693.D
Acq: 11 Feb 2024 20:44

Tgt Ion:252 Resp: 14661

Ion	Ratio	Lower	Upper
252	100		
253	27.9	22.6	33.8
125	17.3	15.3	22.9



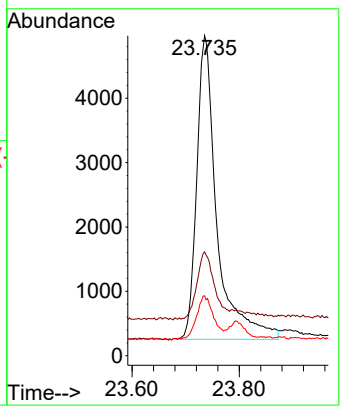


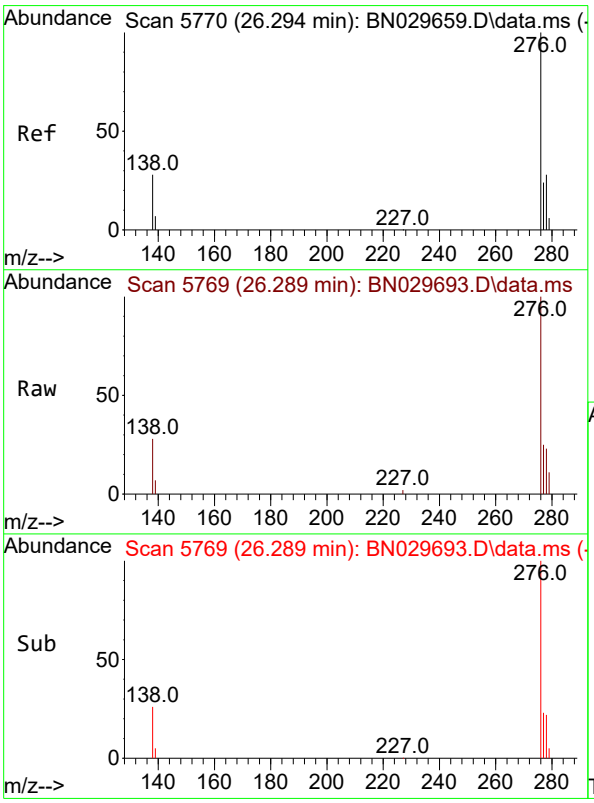
#26
Benzo(a)pyrene
Concen: 0.431 ng/ul
RT: 23.735 min Scan# 4
Delta R.T. -0.002 min
Lab File: BN029693.D
Acq: 11 Feb 2024 20:44

Instrument :
BNA_N
ClientSampleId :
SSTD0.4343

Tgt Ion:252 Resp: 12322

Ion	Ratio	Lower	Upper
252	100		
253	32.5	25.4	38.0
125	18.7	16.0	24.0

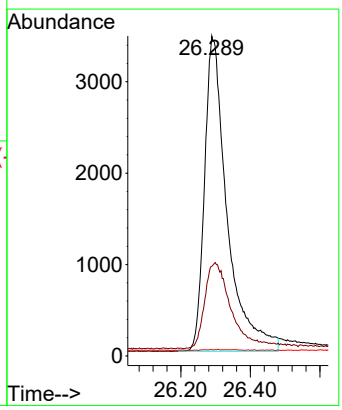


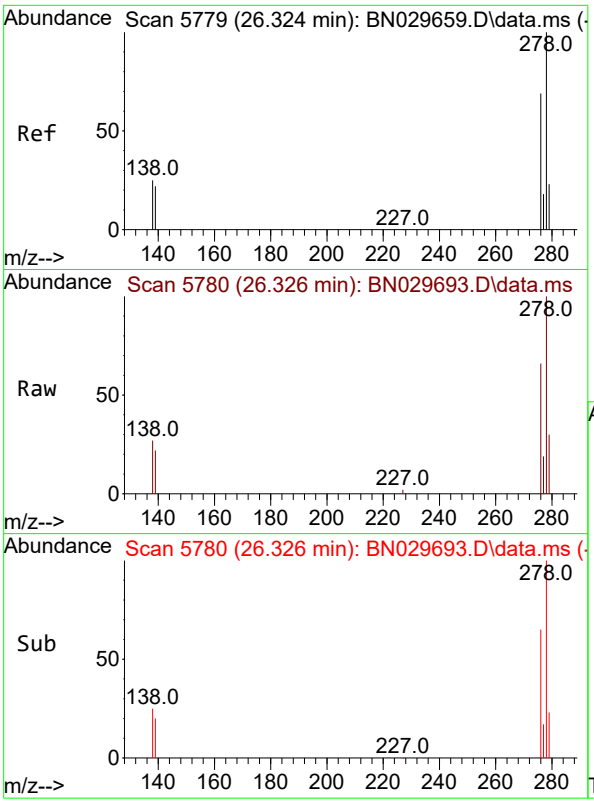


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.449 ng/ul
RT: 26.289 min Scan# 5769
Delta R.T. -0.005 min
Lab File: BN029693.D
Acq: 11 Feb 2024 20:44

Tgt Ion:276 Resp: 15579

Ion	Ratio	Lower	Upper
276	100		
138	32.0	0.0	0.0#
227	0.1	0.0	0.0#



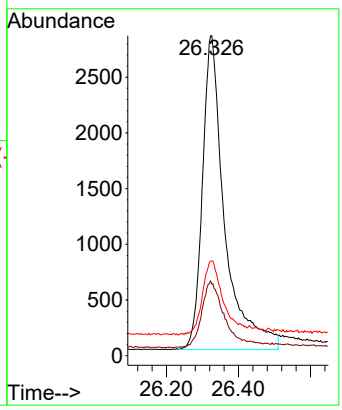


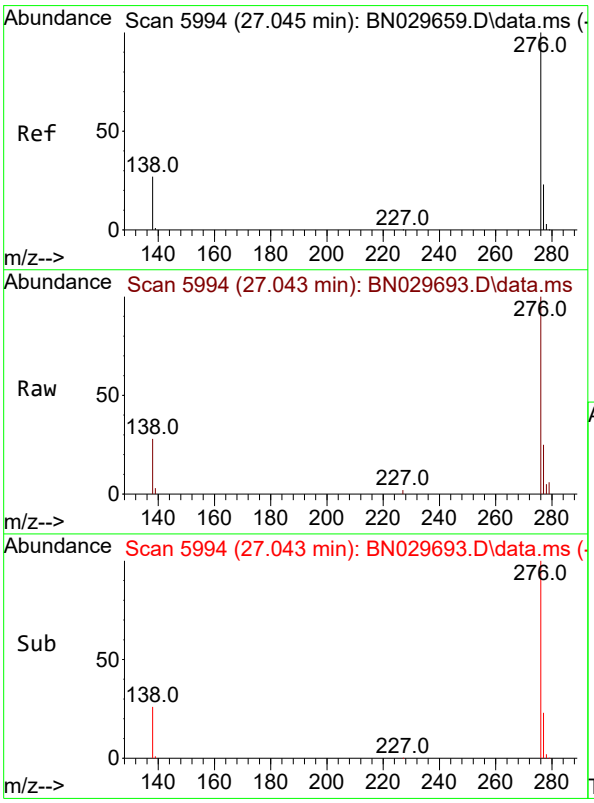
#28
Dibenzo(a,h)anthracene
Concen: 0.445 ng/ul
RT: 26.326 min Scan# 5
Delta R.T. 0.002 min
Lab File: BN029693.D
Acq: 11 Feb 2024 20:44

Instrument :
BNA_N
ClientSampleId :
SSTD0.4343

Tgt Ion:278 Resp: 12105

Ion	Ratio	Lower	Upper
278	100		
139	22.4	19.0	28.4
279	29.7	22.6	34.0





#29
Benzo(g,h,i)perylene
Concen: 0.454 ng/ul
RT: 27.043 min Scan# 5994
Delta R.T. -0.002 min
Lab File: BN029693.D
Acq: 11 Feb 2024 20:44

Tgt Ion:276 Resp: 14300

Ion	Ratio	Lower	Upper
276	100		
138	28.3	24.6	37.0
277	24.7	19.7	29.5