Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032724\
Data File : BN030515.D
Acq On : 27 Mar 2024 21:44
Operator : MA/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTD0.4365

Quant Time: Mar 27 23:33:13 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN032724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 27 15:11:42 2024
Response via : Initial Calibration

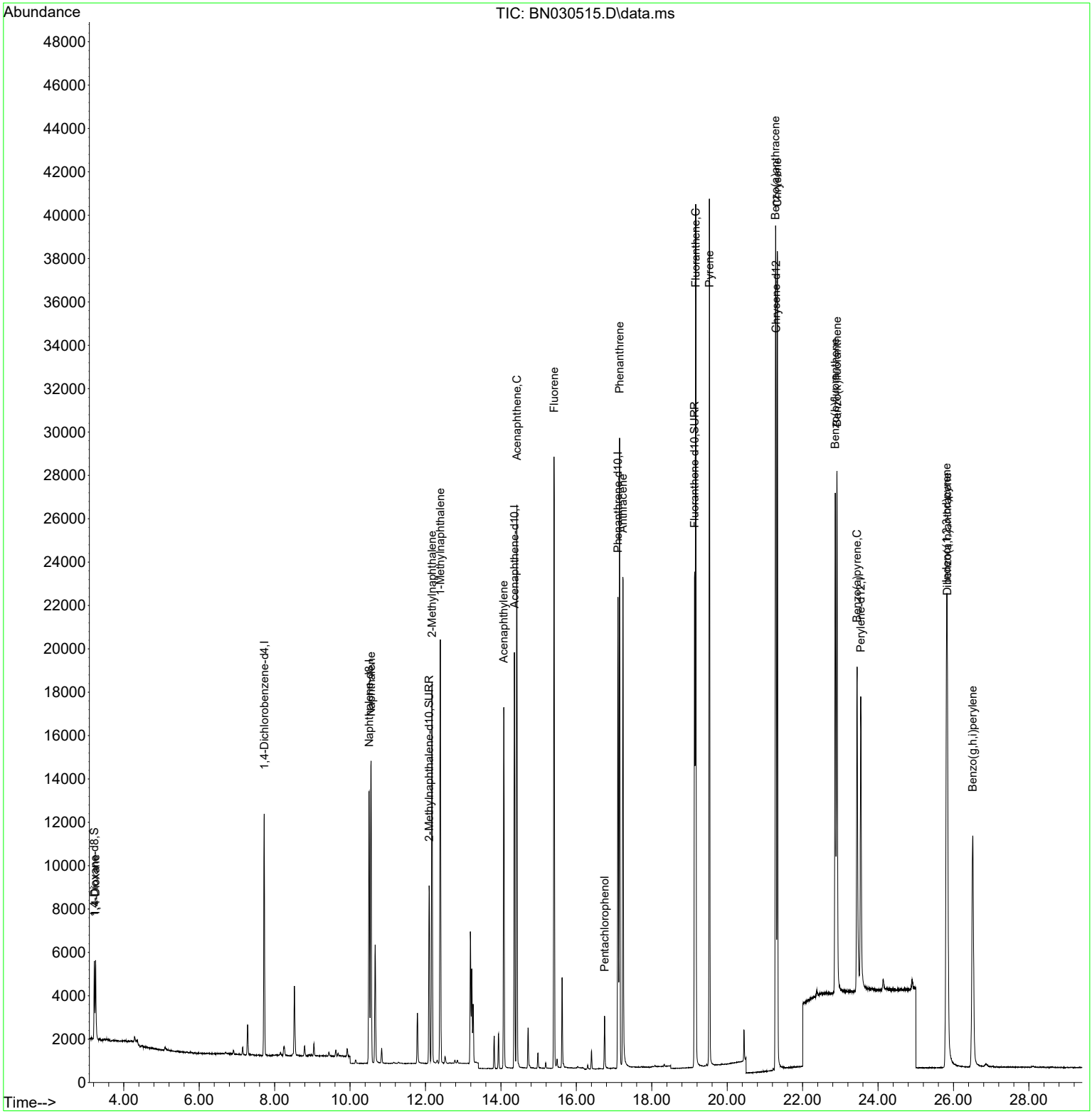
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.724	152	5480	0.400	ng/ul	0.00
4) Naphthalene-d8	10.507	136	16929	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.358	164	10364	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.103	188	24499	0.400	ng/ul	0.00
17) Chrysene-d12	21.295	240	20455	0.400	ng/ul	0.00
23) Perylene-d12	23.542	264	18104	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.218	96	2444	0.407	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.096	152	10656	0.418	ng/ul	0.00
18) Fluoranthene-d10	19.137	212	25263	0.400	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.251	88	2458	0.404	ng/ul#	85
5) Naphthalene	10.556	128	18877	0.409	ng/ul	99
7) 2-Methylnaphthalene	12.173	142	12630	0.414	ng/ul	100
8) 1-Methylnaphthalene	12.393	142	13468	0.418	ng/ul	100
10) Acenaphthylene	14.076	152	18868	0.403	ng/ul	99
11) Acenaphthene	14.423	153	14667	0.403	ng/ul	98
12) Fluorene	15.408	166	17315	0.403	ng/ul	100
14) Pentachlorophenol	16.749	266	1602	0.358	ng/ul	99
15) Phenanthrene	17.145	178	29833	0.406	ng/ul	100
16) Anthracene	17.234	178	24939	0.403	ng/ul	100
19) Fluoranthene	19.165	202	33655	0.399	ng/ul	98
20) Pyrene	19.527	202	33250	0.400	ng/ul	99
21) Benzo(a)anthracene	21.280	228	28795	0.408	ng/ul	100
22) Chrysene	21.330	228	31522	0.404	ng/ul	100
24) Benzo(b)fluoranthene	22.864	252	28586	0.388	ng/ul	100
25) Benzo(k)fluoranthene	22.911	252	31518	0.406	ng/ul	99
26) Benzo(a)pyrene	23.443	252	23826	0.398	ng/ul	99
27) Indeno(1,2,3-cd)pyrene	25.816	276	29174	0.431	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.836	278	23324	0.434	ng/ul	98
29) Benzo(g,h,i)perylene	26.510	276	23071	0.401	ng/ul	99

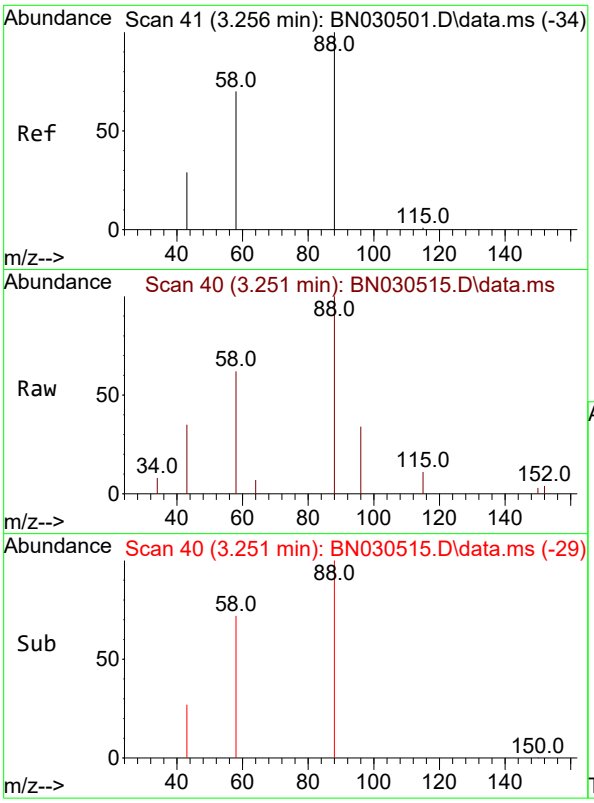
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032724\
Data File : BN030515.D
Acq On : 27 Mar 2024 21:44
Operator : MA/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTD0.4365

Quant Time: Mar 27 23:33:13 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN032724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 27 15:11:42 2024
Response via : Initial Calibration



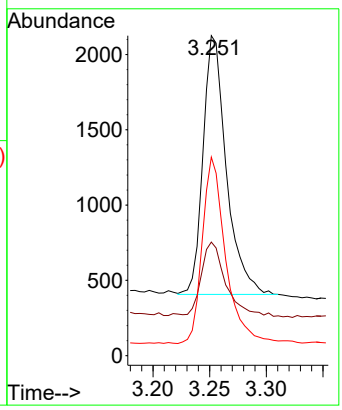


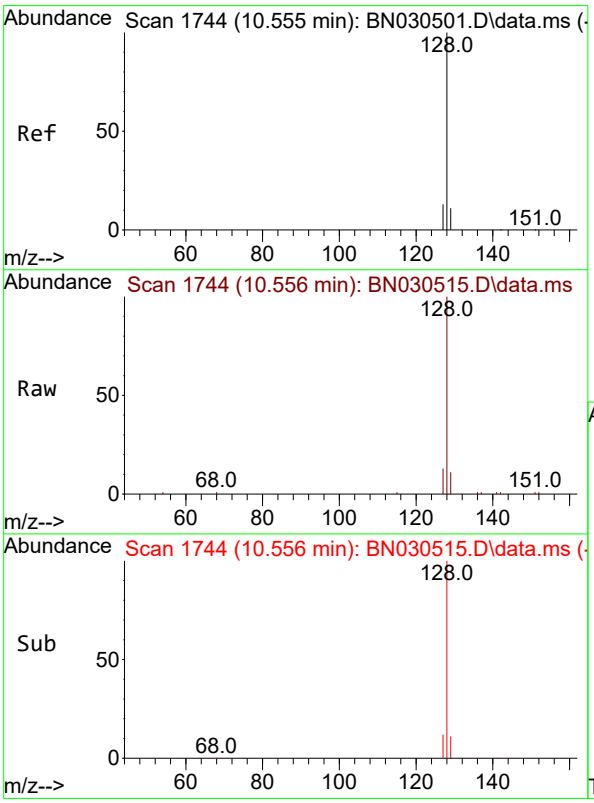
#2
1,4-Dioxane
Concen: 0.404 ng/ul
RT: 3.251 min Scan# 4
Delta R.T. -0.005 min
Lab File: BN030515.D
Acq: 27 Mar 2024 21:44

Instrument :
BNA_N
ClientSampleId :
SSTD0.4365

Tgt Ion: 88 Resp: 2458

Ion	Ratio	Lower	Upper
88	100		
43	35.5	22.9	34.3#
58	62.1	40.3	60.5#

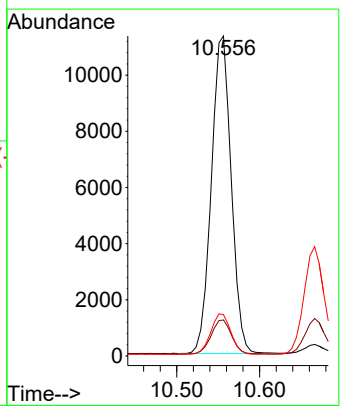


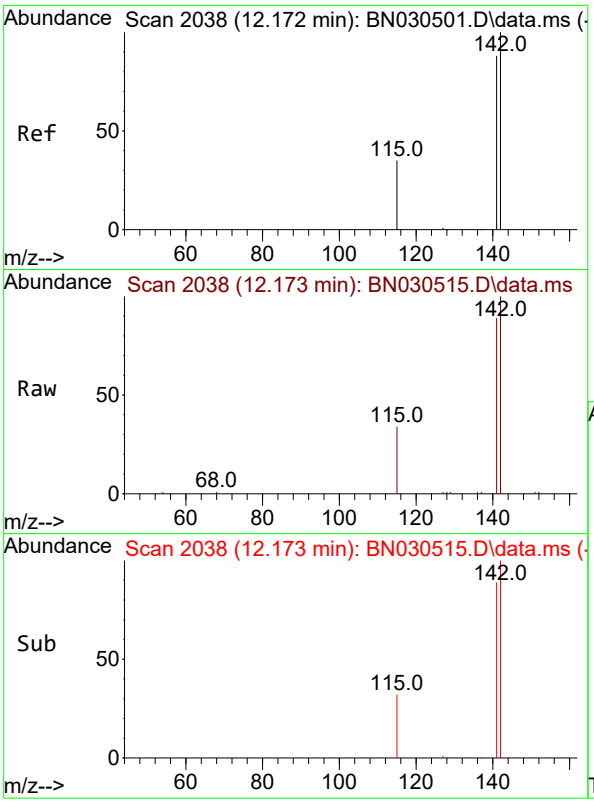


#5
Naphthalene
Concen: 0.409 ng/ul
RT: 10.556 min Scan# 1744
Delta R.T. 0.001 min
Lab File: BN030515.D
Acq: 27 Mar 2024 21:44

Tgt Ion:128 Resp: 18877

Ion	Ratio	Lower	Upper
128	100		
129	11.3	9.2	13.8
127	12.9	10.7	16.1



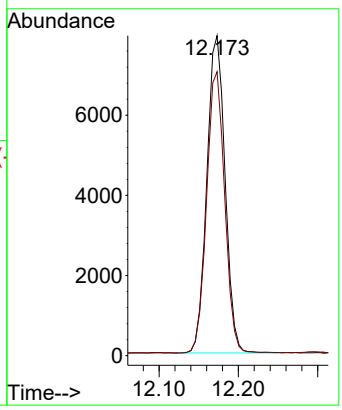


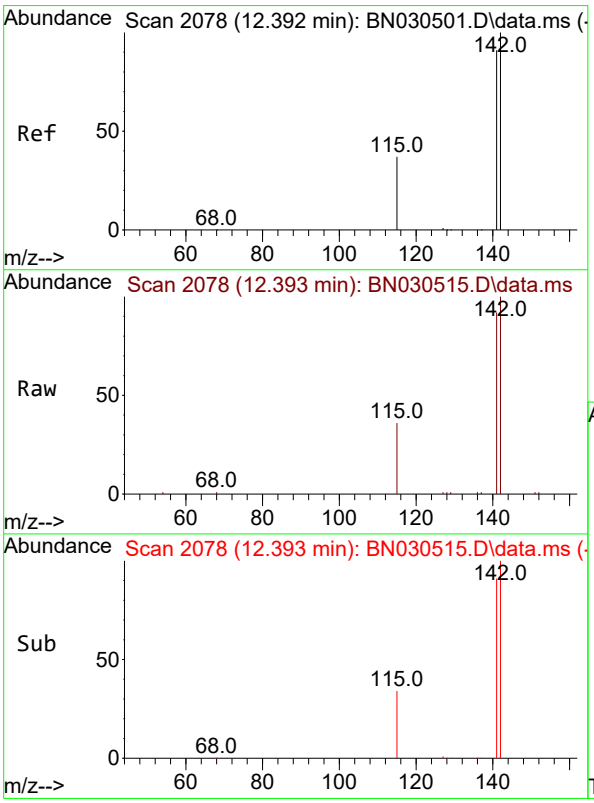
#7
2-Methylnaphthalene
Concen: 0.414 ng/ul
RT: 12.173 min Scan# 2
Delta R.T. 0.001 min
Lab File: BN030515.D
Acq: 27 Mar 2024 21:44

Instrument :
BNA_N
ClientSampleId :
SSTD0.4365

Tgt Ion:142 Resp: 12630

Ion	Ratio	Lower	Upper
142	100		
141	88.2	70.4	105.6

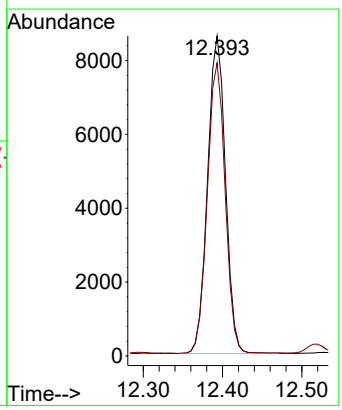


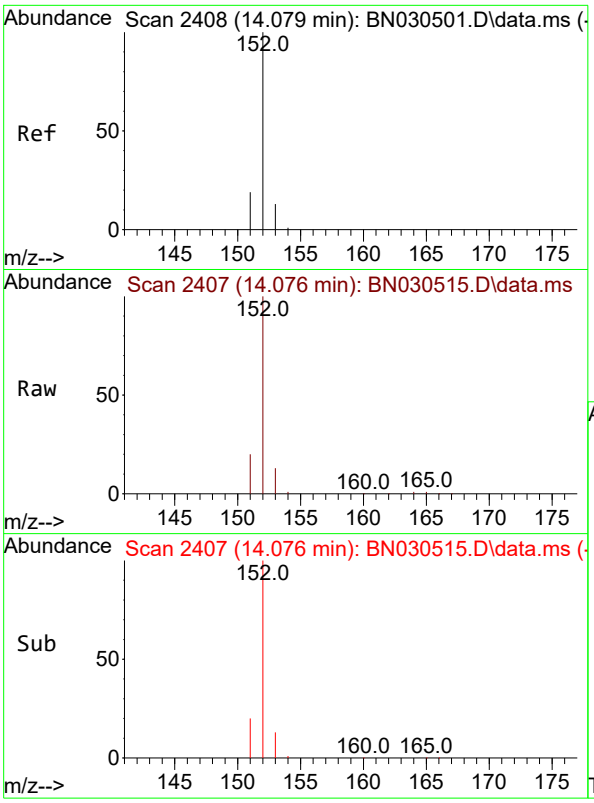


#8
1-Methylnaphthalene
Concen: 0.418 ng/ul
RT: 12.393 min Scan# 2078
Delta R.T. 0.001 min
Lab File: BN030515.D
Acq: 27 Mar 2024 21:44

Tgt Ion:142 Resp: 13468

Ion	Ratio	Lower	Upper
142	100		
141	91.3	73.3	109.9



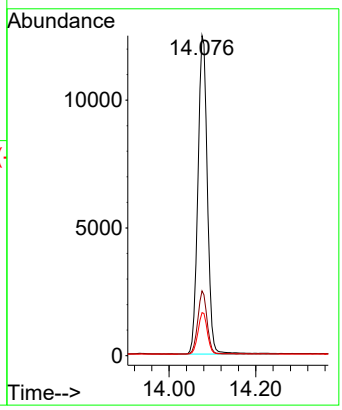


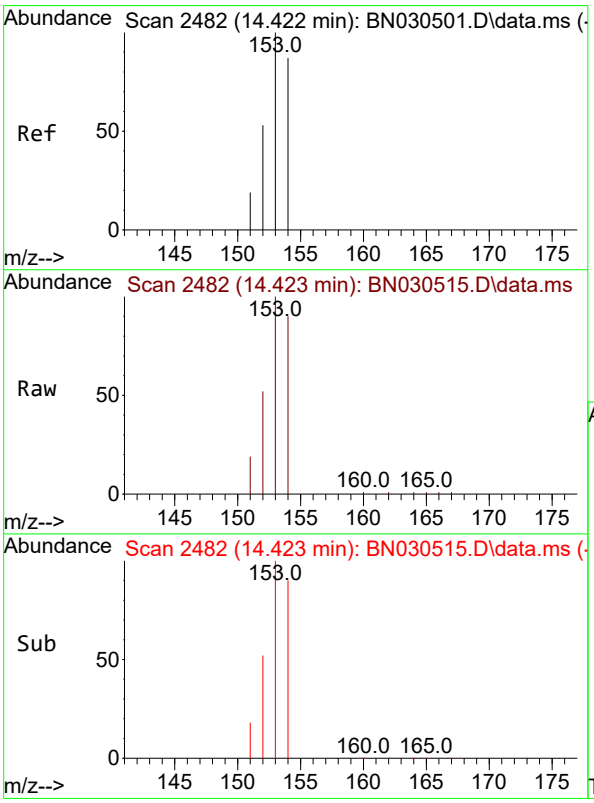
#10
Acenaphthylene
Concen: 0.403 ng/ul
RT: 14.076 min Scan# 24
Delta R.T. -0.004 min
Lab File: BN030515.D
Acq: 27 Mar 2024 21:44

Instrument :
BNA_N
ClientSampleId :
SSTD0.4365

Tgt Ion:152 Resp: 18868

Ion	Ratio	Lower	Upper
152	100		
151	20.3	15.8	23.8
153	13.5	10.8	16.2

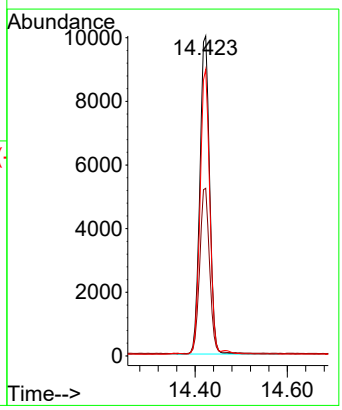


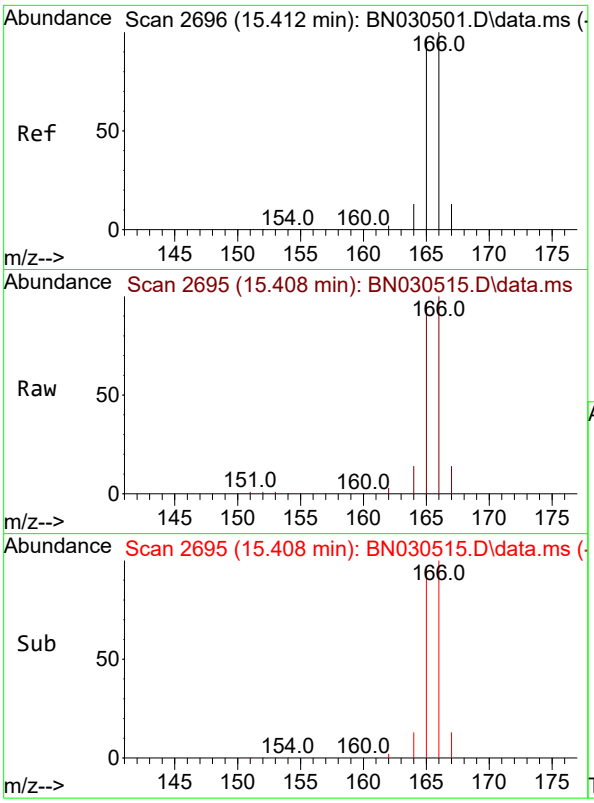


#11
Acenaphthene
Concen: 0.403 ng/ul
RT: 14.423 min Scan# 2482
Delta R.T. 0.001 min
Lab File: BN030515.D
Acq: 27 Mar 2024 21:44

Tgt Ion:153 Resp: 14667

Ion	Ratio	Lower	Upper
153	100		
152	52.4	42.9	64.3
154	89.5	69.8	104.8



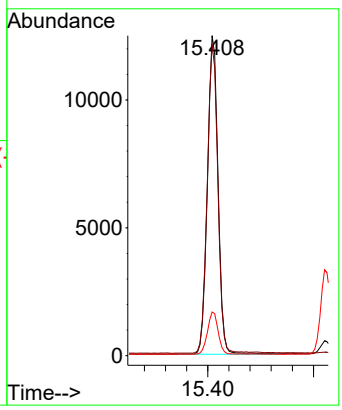


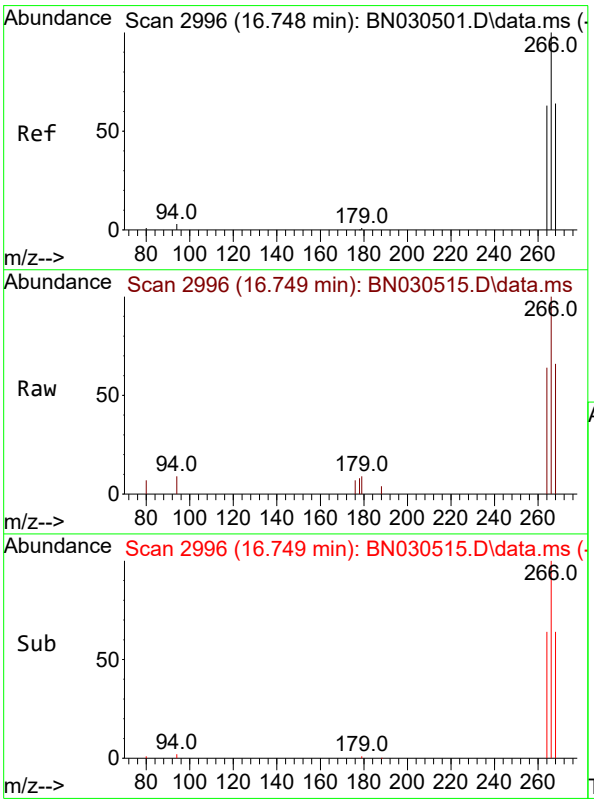
#12
Fluorene
Concen: 0.403 ng/ul
RT: 15.408 min Scan# 2
Delta R.T. -0.004 min
Lab File: BN030515.D
Acq: 27 Mar 2024 21:44

Instrument :
BNA_N
ClientSampleId :
SSTD0.4365

Tgt Ion:166 Resp: 17315

Ion	Ratio	Lower	Upper
166	100		
165	97.3	77.5	116.3
167	13.7	11.0	16.6

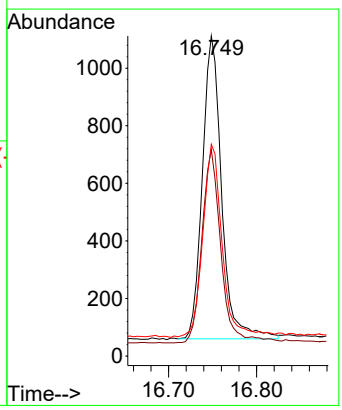


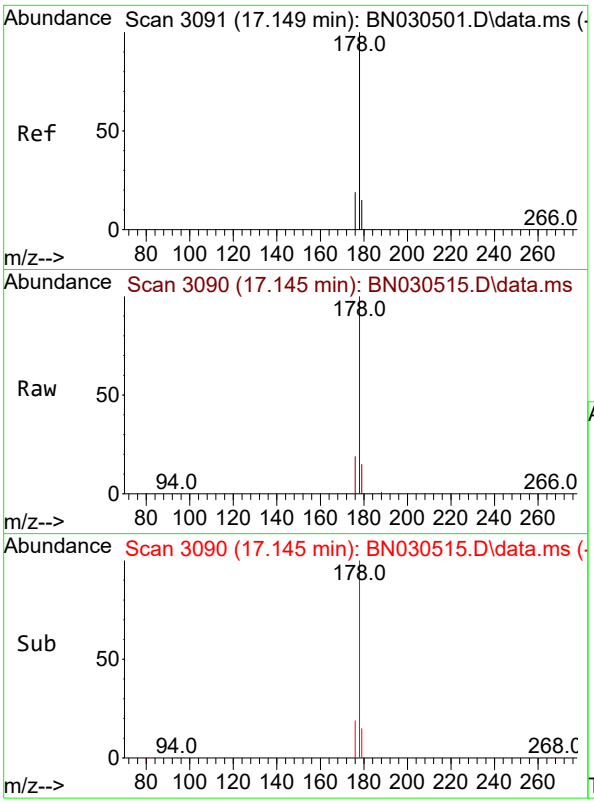


#14
Pentachlorophenol
Concen: 0.358 ng/ul
RT: 16.749 min Scan# 2996
Delta R.T. 0.001 min
Lab File: BN030515.D
Acq: 27 Mar 2024 21:44

Tgt Ion:266 Resp: 1602

Ion	Ratio	Lower	Upper
266	100		
264	62.9	50.0	75.0
268	64.5	51.0	76.6



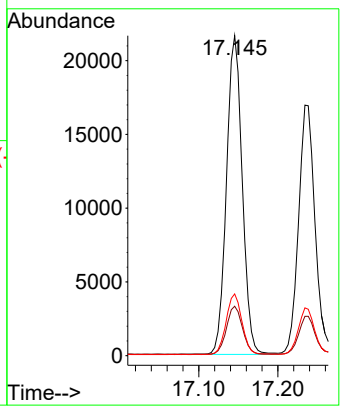


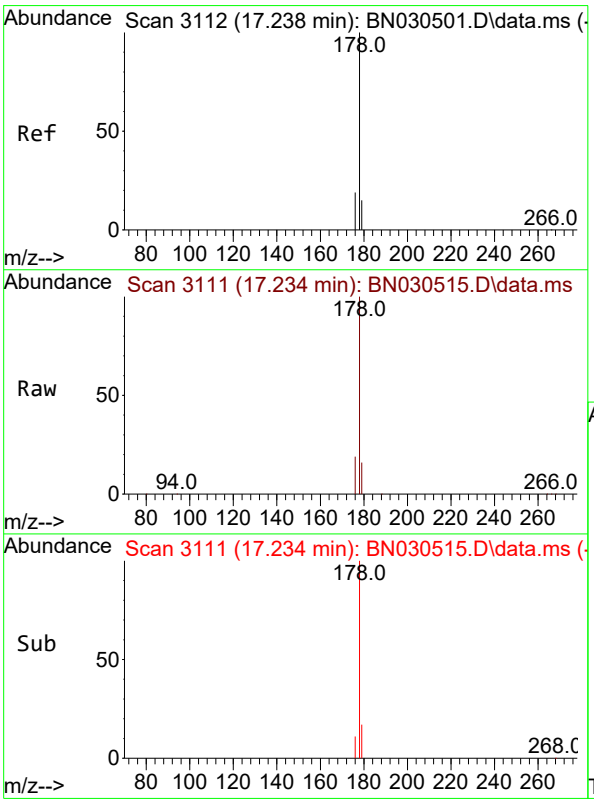
#15
Phenanthrene
Concen: 0.406 ng/ul
RT: 17.145 min Scan# 3
Delta R.T. -0.004 min
Lab File: BN030515.D
Acq: 27 Mar 2024 21:44

Instrument :
BNA_N
ClientSampleId :
SSTD0.4365

Tgt Ion:178 Resp: 29833

Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.4	18.6
176	19.3	15.4	23.0

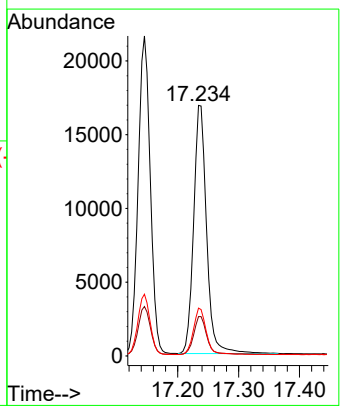


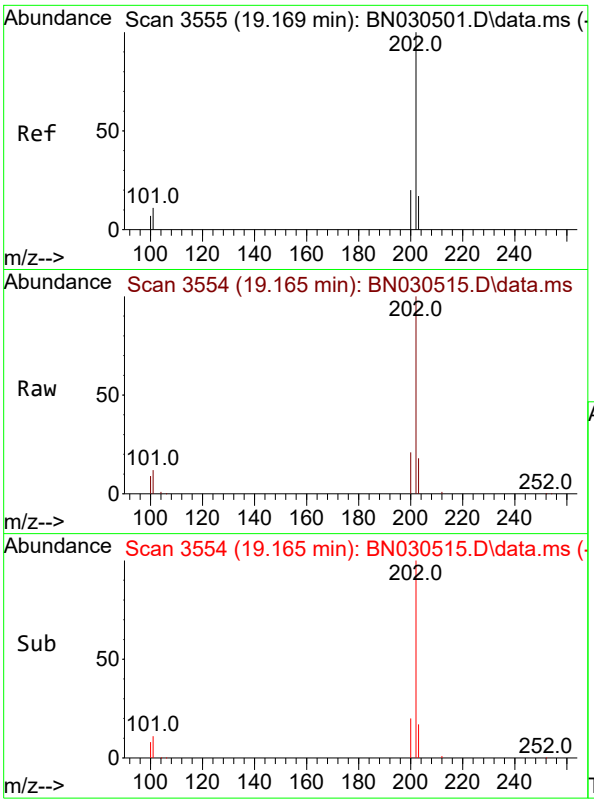


#16
Anthracene
Concen: 0.403 ng/ul
RT: 17.234 min Scan# 3111
Delta R.T. -0.004 min
Lab File: BN030515.D
Acq: 27 Mar 2024 21:44

Tgt Ion:178 Resp: 24939

Ion	Ratio	Lower	Upper
178	100		
179	15.7	12.5	18.7
176	19.1	15.3	22.9



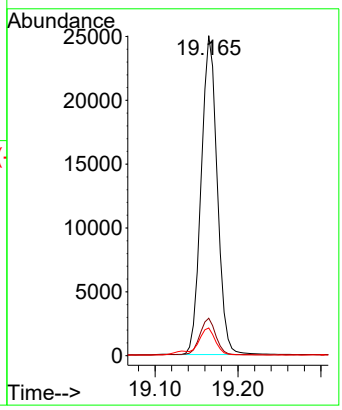


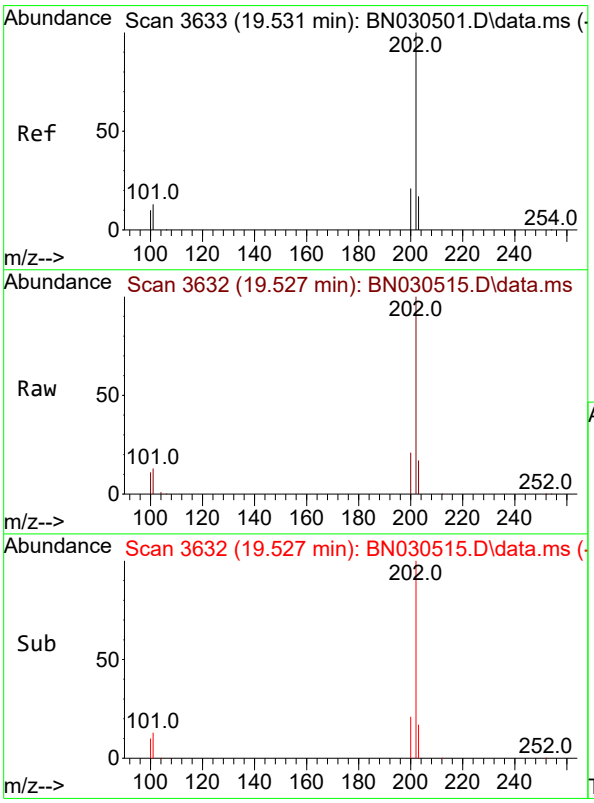
#19
Fluoranthene
Concen: 0.399 ng/ul
RT: 19.165 min Scan# 3
Delta R.T. -0.004 min
Lab File: BN030515.D
Acq: 27 Mar 2024 21:44

Instrument :
BNA_N
ClientSampleId :
SSTD0.4365

Tgt Ion:202 Resp: 33655

Ion	Ratio	Lower	Upper
202	100		
101	11.7	8.8	13.2
100	8.6	6.6	9.8

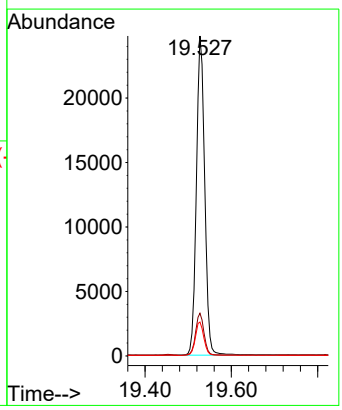


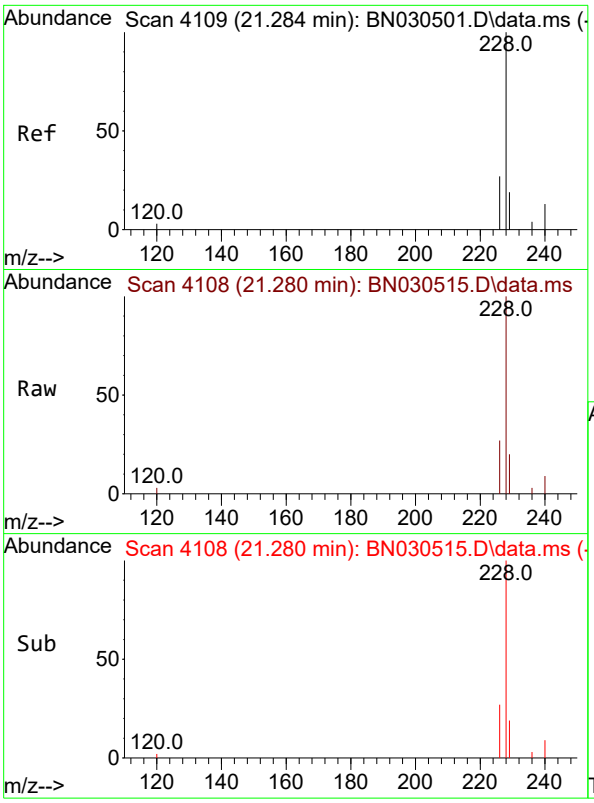


#20
Pyrene
Concen: 0.400 ng/ul
RT: 19.527 min Scan# 3632
Delta R.T. -0.004 min
Lab File: BN030515.D
Acq: 27 Mar 2024 21:44

Tgt Ion:202 Resp: 33250

Ion	Ratio	Lower	Upper
202	100		
101	13.3	10.3	15.5
100	10.6	8.2	12.2



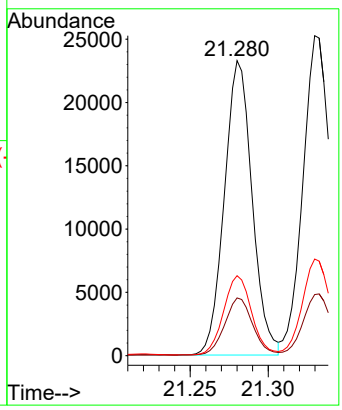


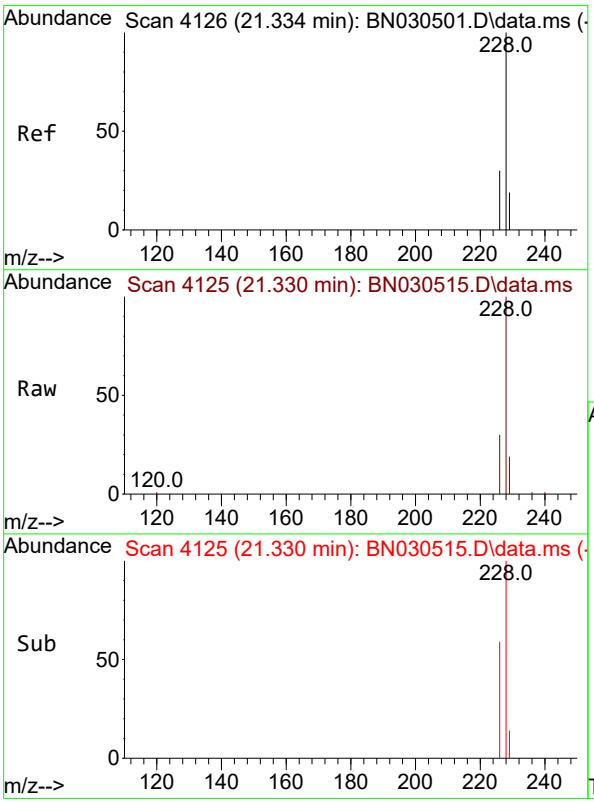
#21
Benzo(a)anthracene
Concen: 0.408 ng/ul
RT: 21.280 min Scan# 4
Delta R.T. -0.004 min
Lab File: BN030515.D
Acq: 27 Mar 2024 21:44

Instrument :
BNA_N
ClientSampleId :
SSTD0.4365

Tgt Ion:228 Resp: 28795

Ion	Ratio	Lower	Upper
228	100		
229	19.6	15.7	23.5
226	27.1	21.5	32.3

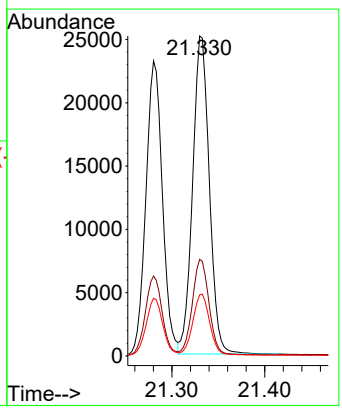


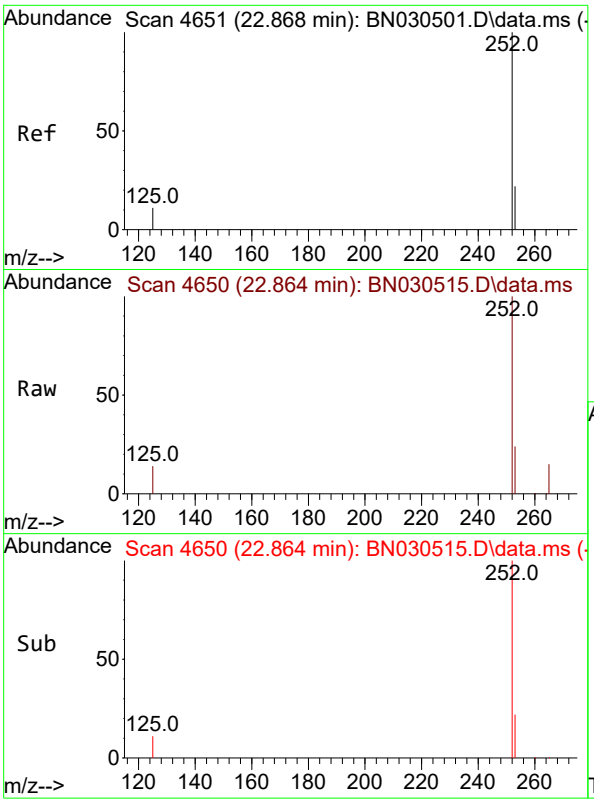


#22
Chrysene
Concen: 0.404 ng/ul
RT: 21.330 min Scan# 4125
Delta R.T. -0.004 min
Lab File: BN030515.D
Acq: 27 Mar 2024 21:44

Tgt Ion:228 Resp: 31522

Ion	Ratio	Lower	Upper
228	100		
226	30.2	24.1	36.1
229	19.1	15.6	23.4



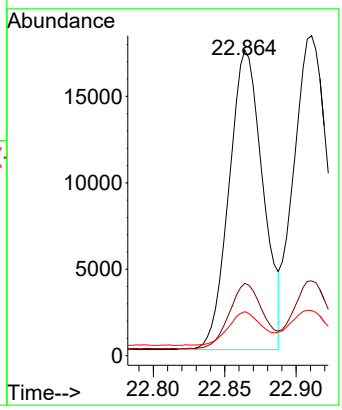


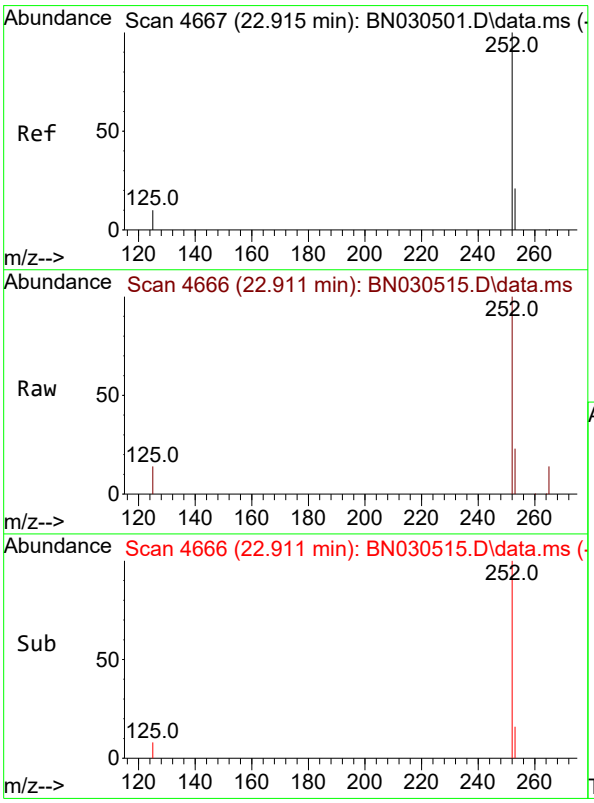
#24
Benzo(b)fluoranthene
Concen: 0.388 ng/ul
RT: 22.864 min Scan# 4
Delta R.T. -0.004 min
Lab File: BN030515.D
Acq: 27 Mar 2024 21:44

Instrument :
BNA_N
ClientSampleId :
SSTD0.4365

Tgt Ion:252 Resp: 28586

Ion	Ratio	Lower	Upper
252	100		
253	23.7	0.0	47.4
125	14.4	0.0	28.4

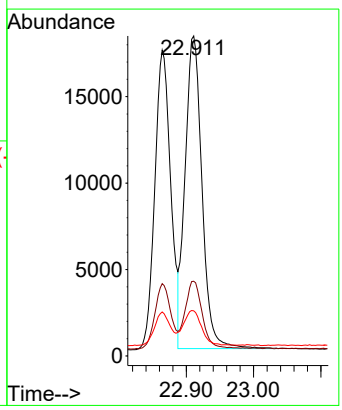


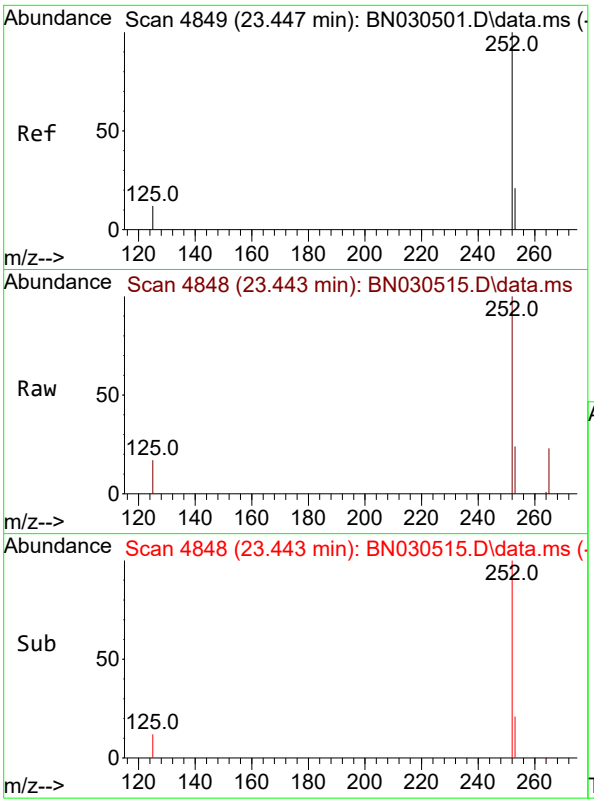


#25
Benzo(k)fluoranthene
Concen: 0.406 ng/ul
RT: 22.911 min Scan# 4666
Delta R.T. -0.004 min
Lab File: BN030515.D
Acq: 27 Mar 2024 21:44

Tgt Ion:252 Resp: 31518

Ion	Ratio	Lower	Upper
252	100		
253	23.3	19.0	28.4
125	14.1	11.6	17.4



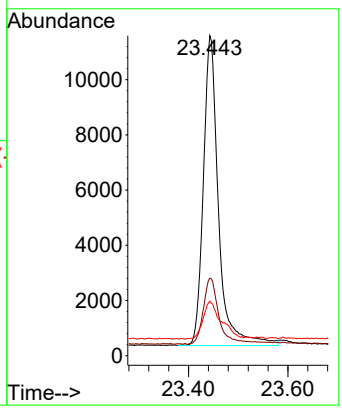


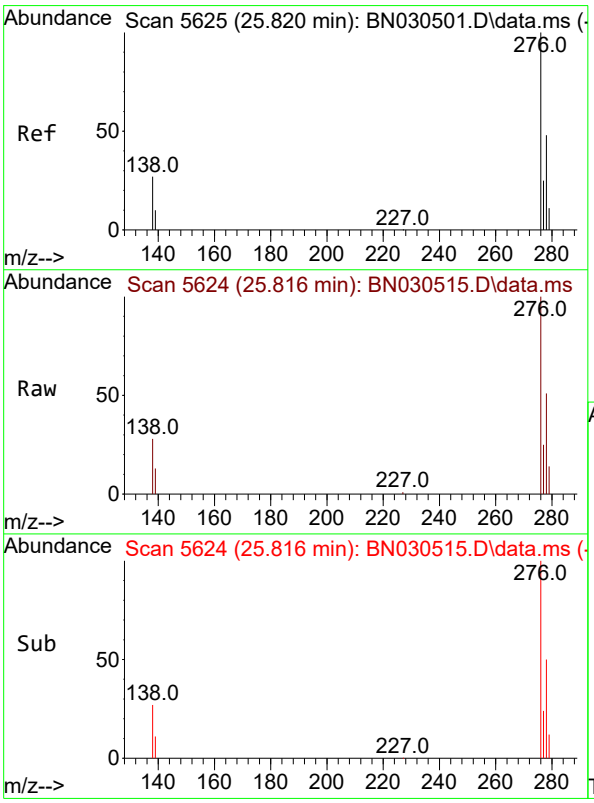
#26
Benzo(a)pyrene
Concen: 0.398 ng/ul
RT: 23.443 min Scan# 4
Delta R.T. -0.004 min
Lab File: BN030515.D
Acq: 27 Mar 2024 21:44

Instrument :
BNA_N
ClientSampleId :
SSTD0.4365

Tgt Ion:252 Resp: 23826

Ion	Ratio	Lower	Upper
252	100		
253	24.2	19.6	29.4
125	17.0	14.3	21.5

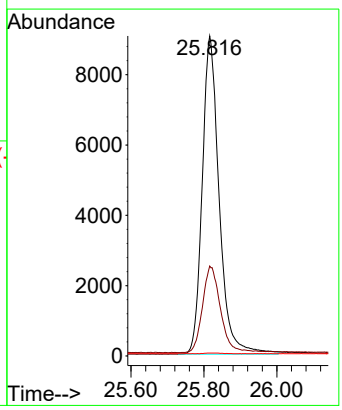


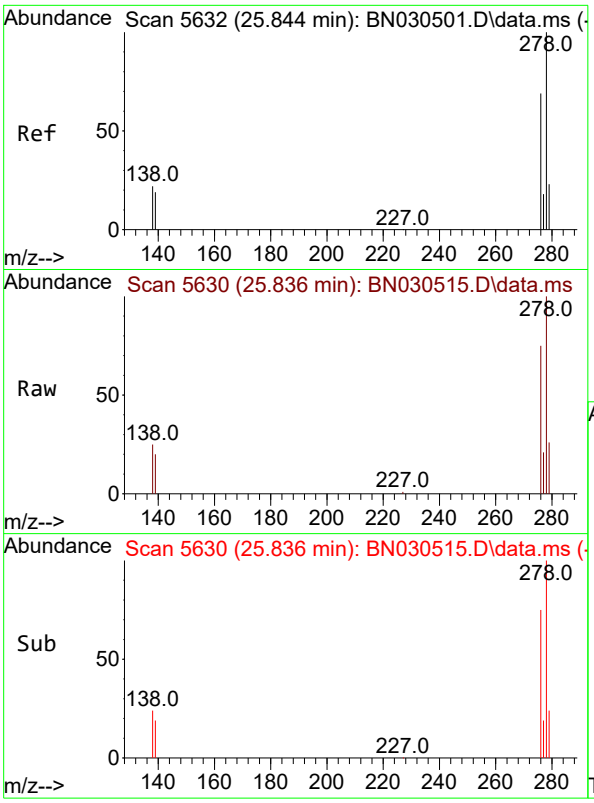


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.431 ng/ul
RT: 25.816 min Scan# 5624
Delta R.T. -0.005 min
Lab File: BN030515.D
Acq: 27 Mar 2024 21:44

Tgt Ion:276 Resp: 29174

Ion	Ratio	Lower	Upper
276	100		
138	29.1	23.3	34.9
227	0.3	0.1	0.1#



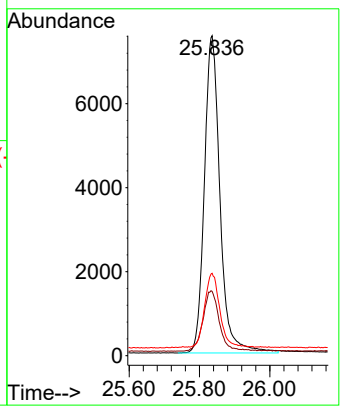


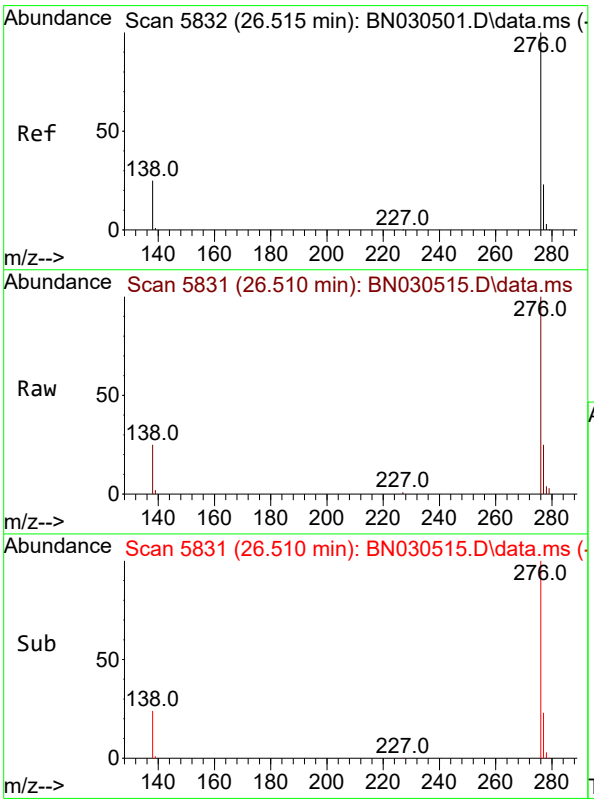
#28
Dibenzo(a,h)anthracene
Concen: 0.434 ng/ul
RT: 25.836 min Scan# 5
Delta R.T. -0.008 min
Lab File: BN030515.D
Acq: 27 Mar 2024 21:44

Instrument :
BNA_N
ClientSampleId :
SSTD0.4365

Tgt Ion:278 Resp: 23324

Ion	Ratio	Lower	Upper
278	100		
139	20.1	16.5	24.7
279	25.7	21.6	32.4





#29
Benzo(g,h,i)perylene
Concen: 0.401 ng/ul
RT: 26.510 min Scan# 5831
Delta R.T. -0.005 min
Lab File: BN030515.D
Acq: 27 Mar 2024 21:44

Tgt Ion:276 Resp: 23071

Ion	Ratio	Lower	Upper
276	100		
138	25.3	21.1	31.7
277	24.8	19.8	29.8