Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
Data File : BN032354.D
Acq On : 29 Jun 2024 17:05
Operator : MA/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 53 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTD0.4386

Quant Time: Jun 30 23:05:56 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 27 13:23:38 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.612	152	11325	0.400	ng/ul	0.00
4) Naphthalene-d8	10.386	136	36035	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.257	164	19111	0.400	ng/ul	-0.01
13) Phenanthrene-d10	17.015	188	32350	0.400	ng/ul	0.00
17) Chrysene-d12	21.216	240	26251	0.400	ng/ul	-0.01
23) Perylene-d12	23.434	264	32026	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.152	96	4375	0.348	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.986	152	19729	0.365	ng/ul	-0.01
18) Fluoranthene-d10	19.049	212	29192	0.370	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.186	88	4718	0.329	ng/ul	93
5) Naphthalene	10.436	128	36501	0.383	ng/ul	99
7) 2-Methylnaphthalene	12.058	142	23013	0.364	ng/ul	100
8) 1-Methylnaphthalene	12.283	142	23905	0.365	ng/ul	99
10) Acenaphthylene	13.979	152	33097	0.416	ng/ul	100
11) Acenaphthene	14.321	153	23507	0.381	ng/ul	98
12) Fluorene	15.316	166	24315	0.331	ng/ul	99
14) Pentachlorophenol	16.677	266	3173	0.433	ng/ul	98
15) Phenanthrene	17.053	178	33229	0.375	ng/ul	100
16) Anthracene	17.150	178	31474	0.398	ng/ul	99
19) Fluoranthene	19.081	202	37043	0.371	ng/ul	98
20) Pyrene	19.444	202	39032	0.374	ng/ul	100
21) Benzo(a)anthracene	21.201	228	37425	0.395	ng/ul	99
22) Chrysene	21.251	228	38703	0.372	ng/ul	98
24) Benzo(b)fluoranthene	22.765	252	40635	0.292	ng/ul	95
25) Benzo(k)fluoranthene	22.812	252	41942	0.310	ng/ul#	96
26) Benzo(a)pyrene	23.338	252	37529	0.388	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	25.668	276	51793	0.342	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.679	278	40836	0.363	ng/ul	96
29) Benzo(g,h,i)perylene	26.356	276	41115	0.341	ng/ul	97

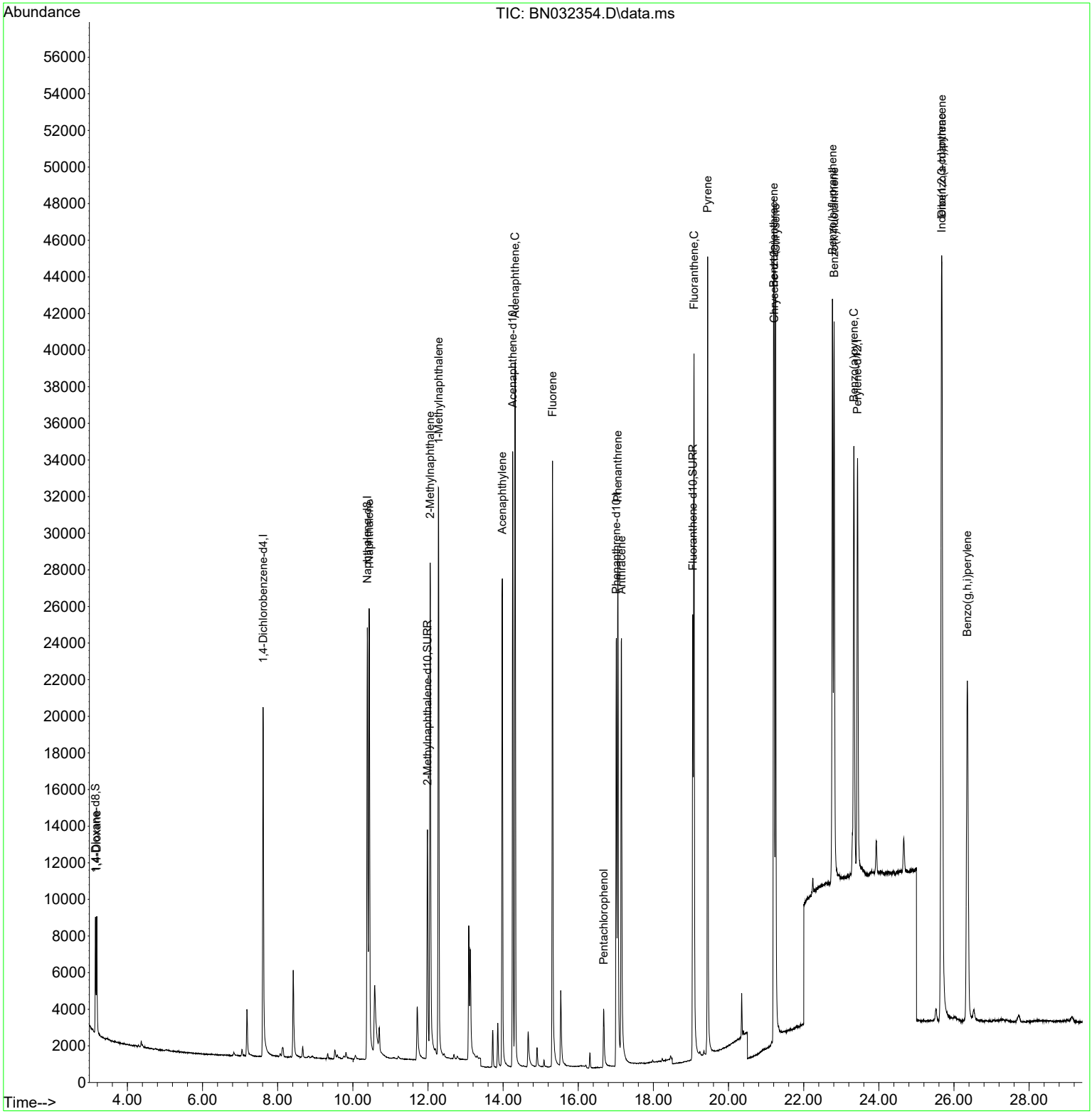
(#) = qualifier out of range (m) = manual integration (+) = signals summed

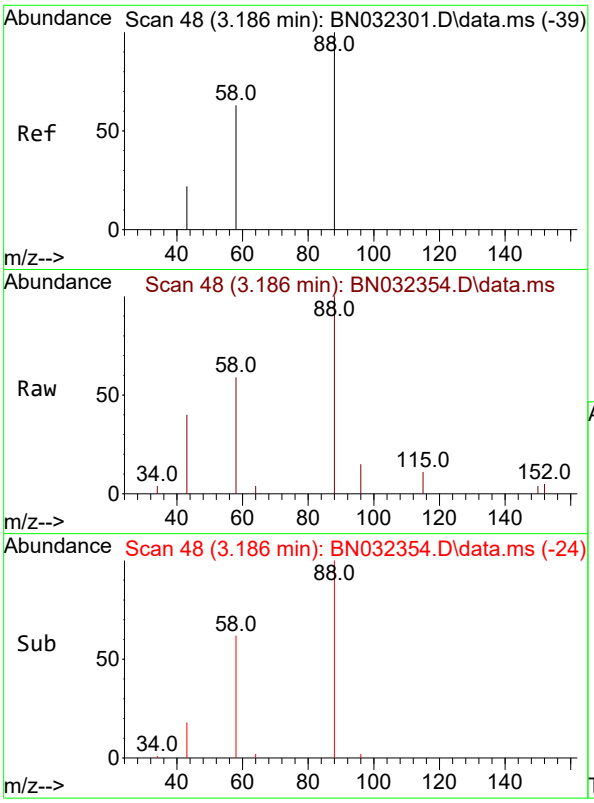
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
Data File : BN032354.D
Acq On : 29 Jun 2024 17:05
Operator : MA/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 53 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTD0.4386

Quant Time: Jun 30 23:05:56 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 27 13:23:38 2024
Response via : Initial Calibration



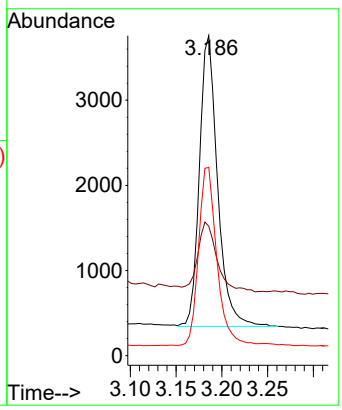


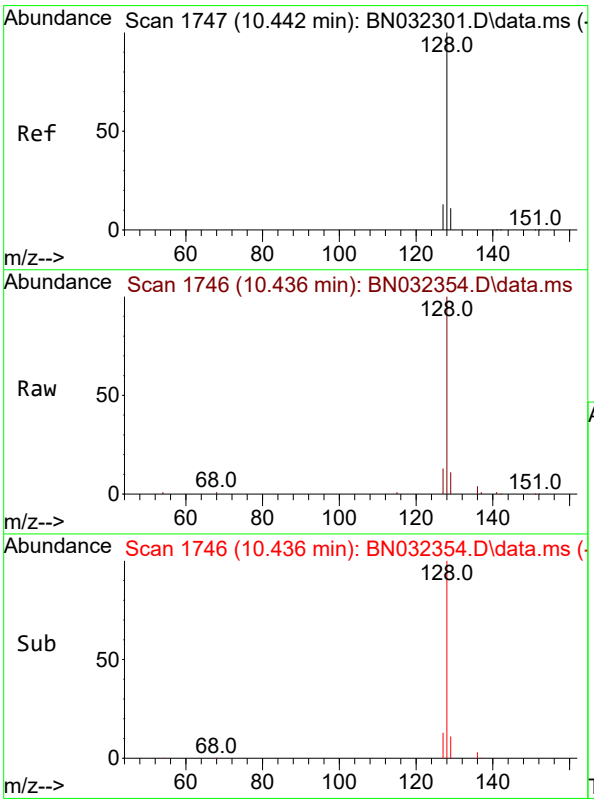
#2
1,4-Dioxane
Concen: 0.329 ng/ul
RT: 3.186 min Scan# 4
Delta R.T. -0.000 min
Lab File: BN032354.D
Acq: 29 Jun 2024 17:05

Instrument :
BNA_N
ClientSampleId :
SSTD0.4386

Tgt Ion: 88 Resp: 4718

Ion	Ratio	Lower	Upper
88	100		
43	40.4	28.4	42.6
58	58.8	43.3	64.9

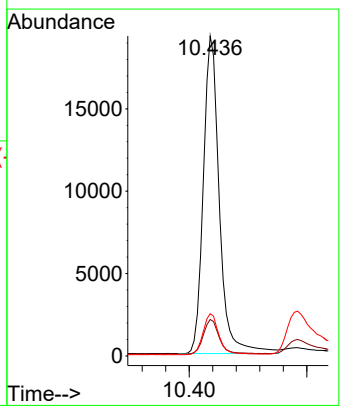


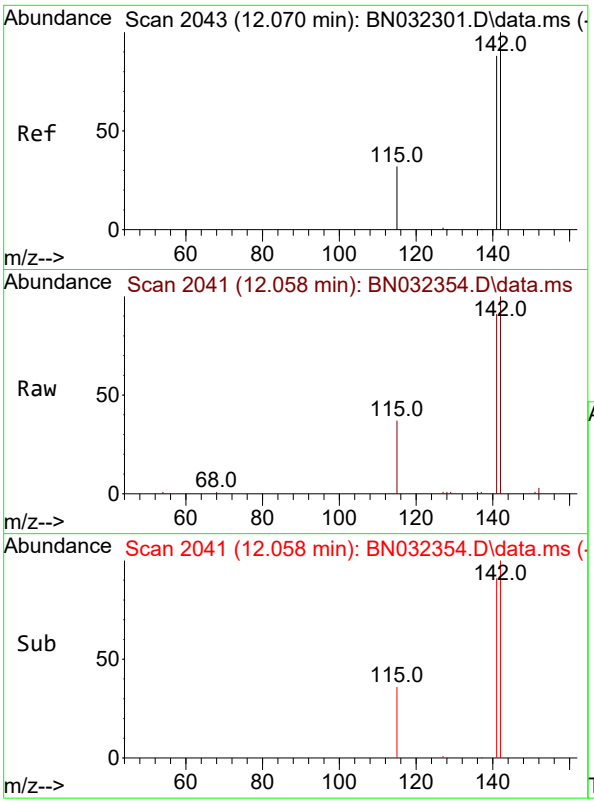


#5
Naphthalene
Concen: 0.383 ng/ul
RT: 10.436 min Scan# 1746
Delta R.T. -0.012 min
Lab File: BN032354.D
Acq: 29 Jun 2024 17:05

Tgt Ion:128 Resp: 36501

Ion	Ratio	Lower	Upper
128	100		
129	11.4	9.2	13.8
127	13.2	10.8	16.2



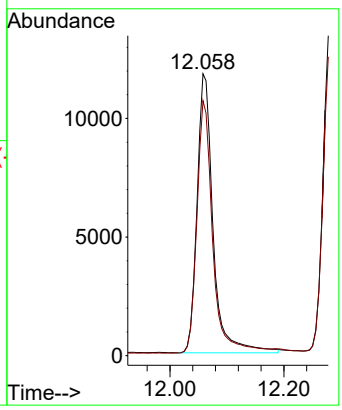


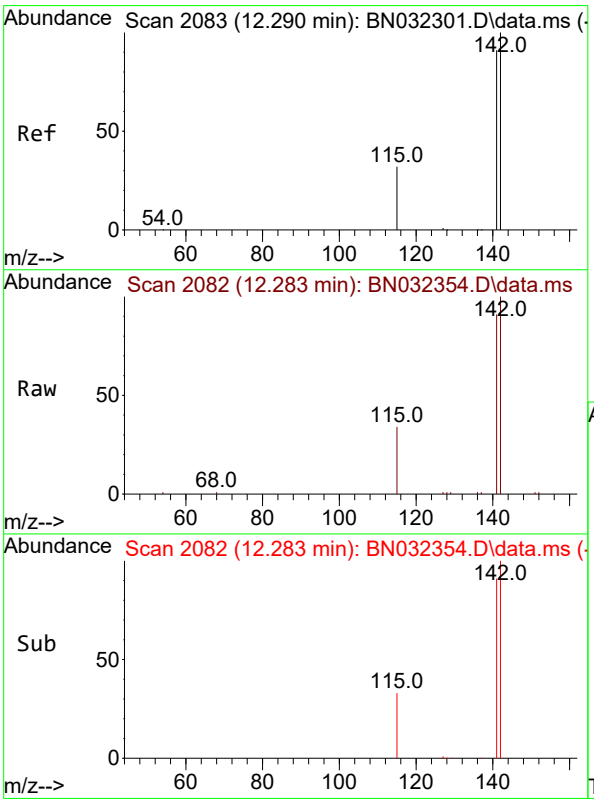
#7
2-Methylnaphthalene
Concen: 0.364 ng/ul
RT: 12.058 min Scan# 2
Delta R.T. -0.018 min
Lab File: BN032354.D
Acq: 29 Jun 2024 17:05

Instrument :
BNA_N
ClientSampleId :
SSTD0.4386

Tgt Ion:142 Resp: 23013

Ion	Ratio	Lower	Upper
142	100		
141	90.2	72.2	108.2

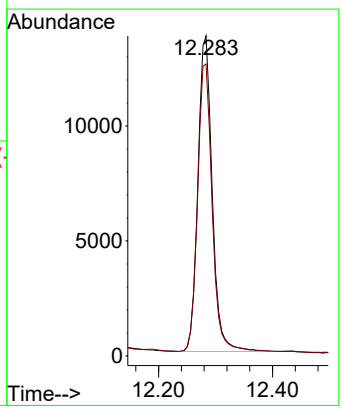


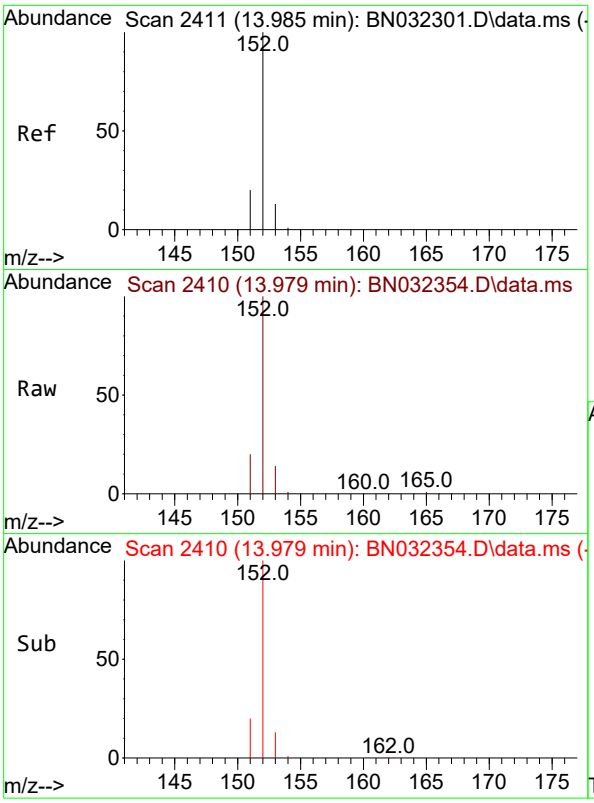


#8
1-Methylnaphthalene
Concen: 0.365 ng/ul
RT: 12.283 min Scan# 2082
Delta R.T. -0.012 min
Lab File: BN032354.D
Acq: 29 Jun 2024 17:05

Tgt Ion:142 Resp: 23905

Ion	Ratio	Lower	Upper
142	100		
141	92.6	73.4	110.0



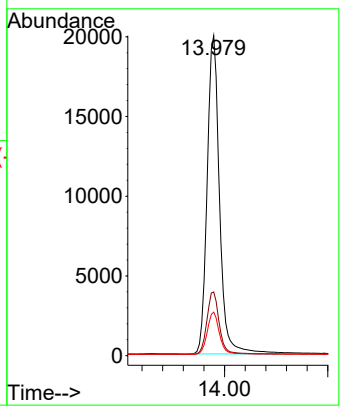


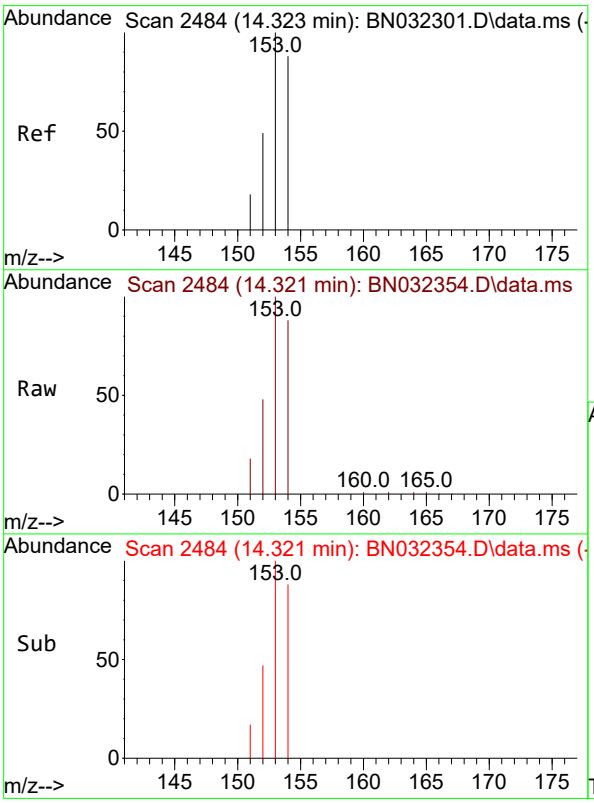
#10
Acenaphthylene
Concen: 0.416 ng/ul
RT: 13.979 min Scan# 24
Delta R.T. -0.011 min
Lab File: BN032354.D
Acq: 29 Jun 2024 17:05

Instrument :
BNA_N
ClientSampleId :
SSTD0.4386

Tgt Ion:152 Resp: 33097

Ion	Ratio	Lower	Upper
152	100		
151	19.9	15.7	23.5
153	13.6	10.9	16.3

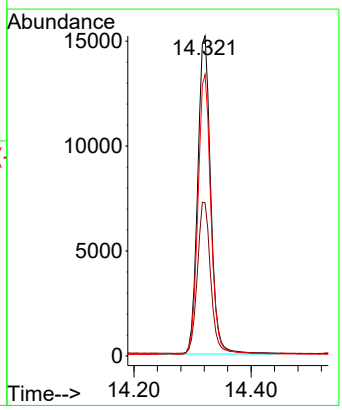


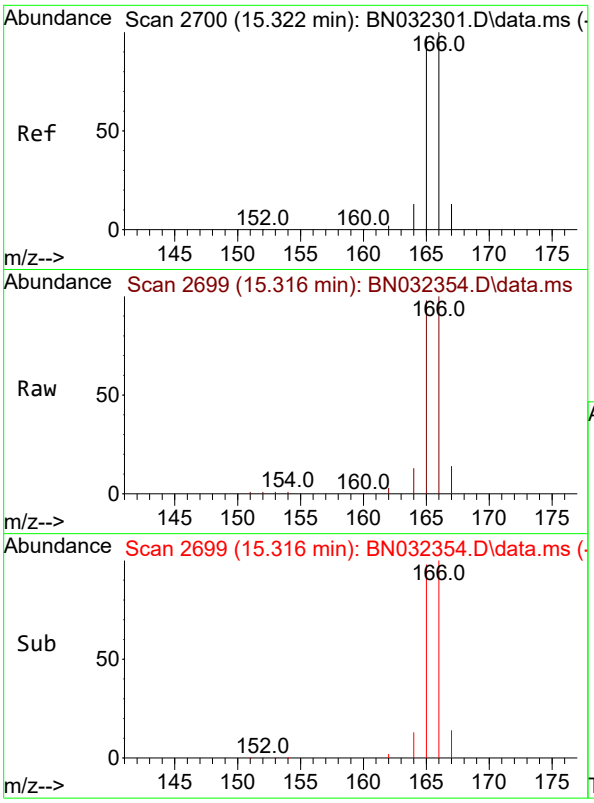


#11
Acenaphthene
Concen: 0.381 ng/ul
RT: 14.321 min Scan# 2484
Delta R.T. -0.011 min
Lab File: BN032354.D
Acq: 29 Jun 2024 17:05

Tgt Ion:153 Resp: 23507

Ion	Ratio	Lower	Upper
153	100		
152	47.8	39.5	59.3
154	88.0	71.7	107.5



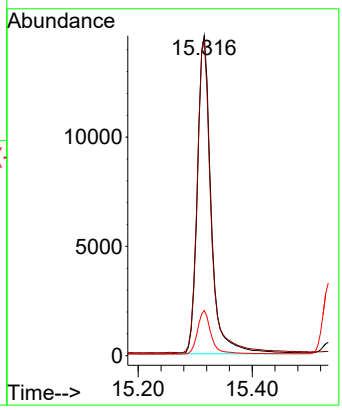


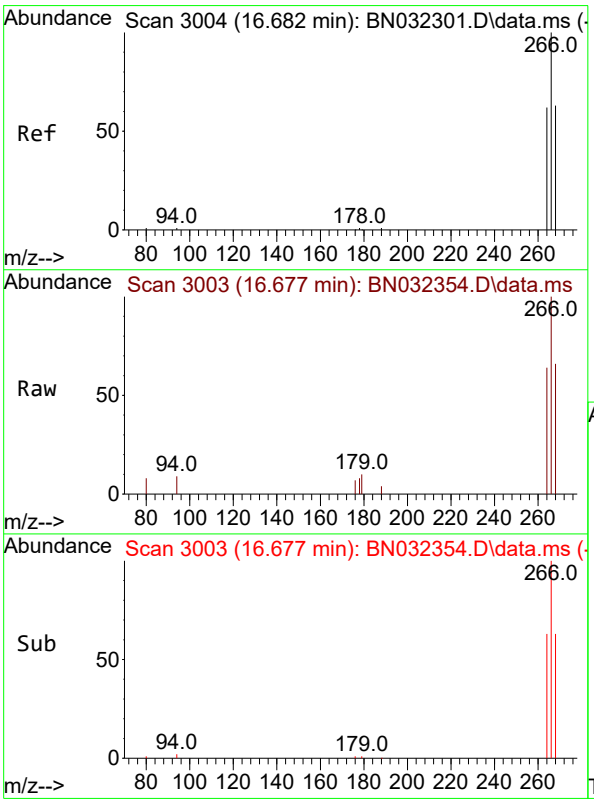
#12
Fluorene
Concen: 0.331 ng/ul
RT: 15.316 min Scan# 2
Delta R.T. -0.011 min
Lab File: BN032354.D
Acq: 29 Jun 2024 17:05

Instrument :
BNA_N
ClientSampleId :
SSTD0.4386

Tgt Ion:166 Resp: 24315

Ion	Ratio	Lower	Upper
166	100		
165	98.1	79.0	118.6
167	14.1	11.0	16.6

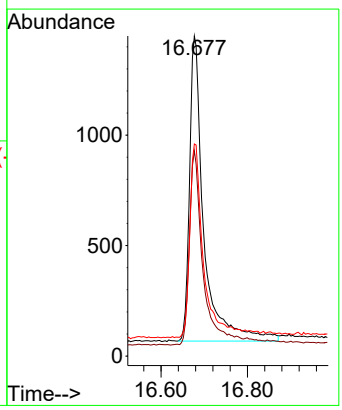


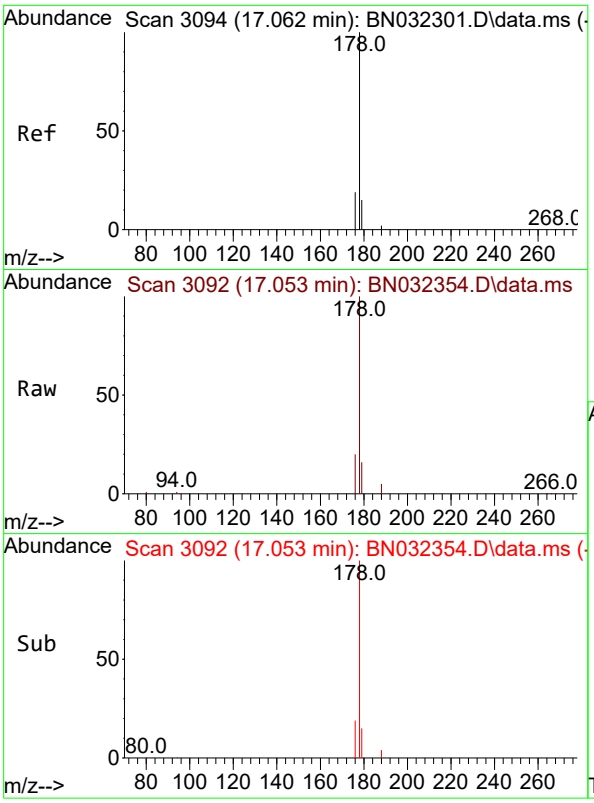


#14
Pentachlorophenol
Concen: 0.433 ng/ul
RT: 16.677 min Scan# 3003
Delta R.T. -0.022 min
Lab File: BN032354.D
Acq: 29 Jun 2024 17:05

Tgt Ion:266 Resp: 3173

Ion	Ratio	Lower	Upper
266	100		
264	63.4	49.9	74.9
268	63.9	52.4	78.6



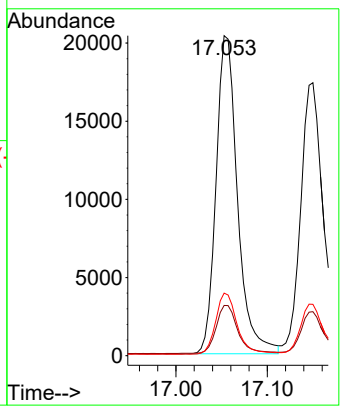


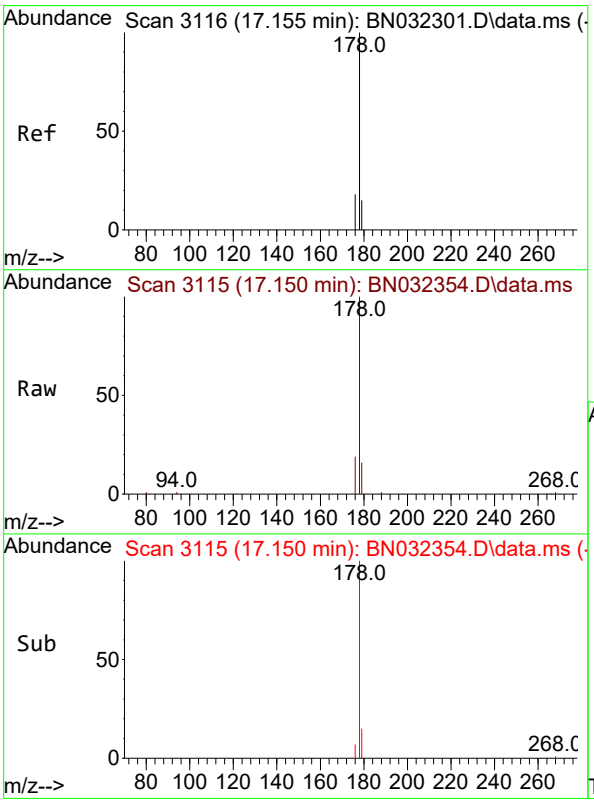
#15
Phenanthrene
Concen: 0.375 ng/ul
RT: 17.053 min Scan# 3
Delta R.T. -0.014 min
Lab File: BN032354.D
Acq: 29 Jun 2024 17:05

Instrument :
BNA_N
ClientSampleId :
SSTD0.4386

Tgt Ion:178 Resp: 33229

Ion	Ratio	Lower	Upper
178	100		
179	15.7	12.6	18.8
176	19.5	15.6	23.4

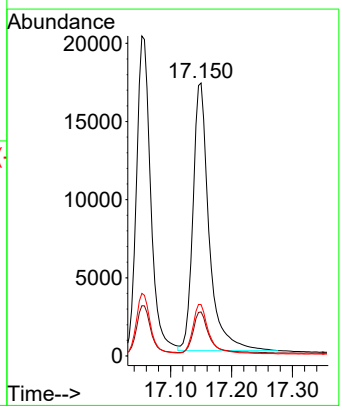


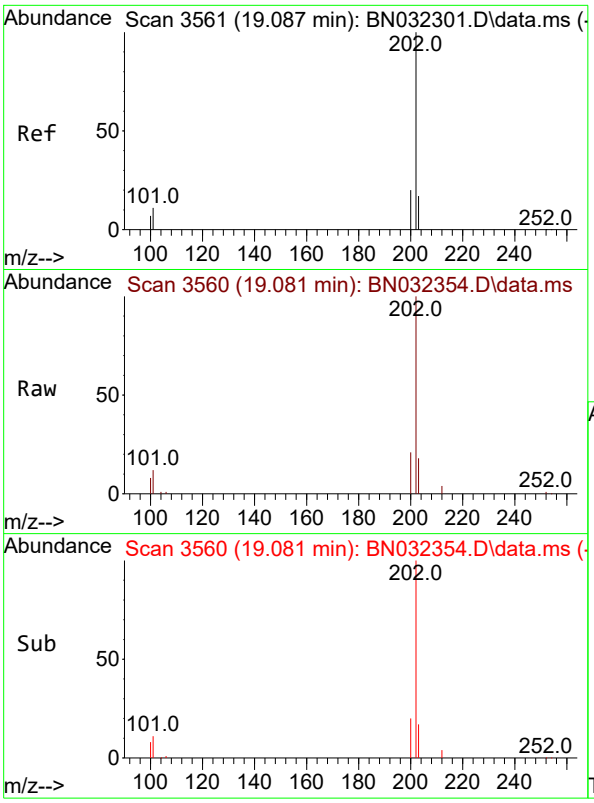


#16
Anthracene
Concen: 0.398 ng/ul
RT: 17.150 min Scan# 3115
Delta R.T. -0.010 min
Lab File: BN032354.D
Acq: 29 Jun 2024 17:05

Tgt Ion:178 Resp: 31474

Ion	Ratio	Lower	Upper
178	100		
179	16.1	12.5	18.7
176	18.8	15.0	22.6



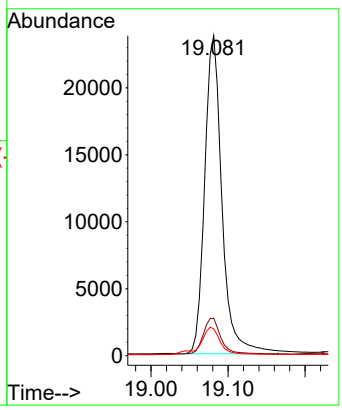


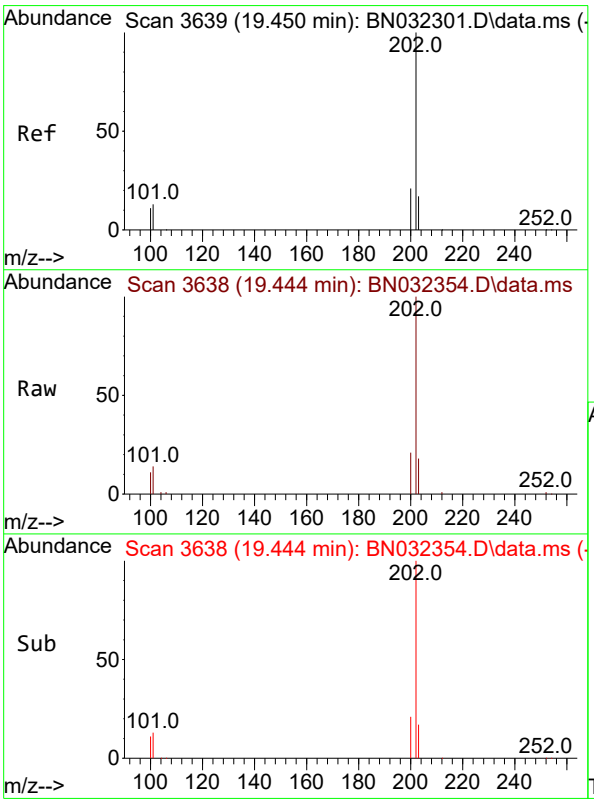
#19
Fluoranthene
Concen: 0.371 ng/ul
RT: 19.081 min Scan# 3
Delta R.T. -0.011 min
Lab File: BN032354.D
Acq: 29 Jun 2024 17:05

Instrument :
BNA_N
ClientSampleId :
SSTD0.4386

Tgt Ion:202 Resp: 37043

Ion	Ratio	Lower	Upper
202	100		
101	11.7	8.8	13.2
100	8.4	6.4	9.6

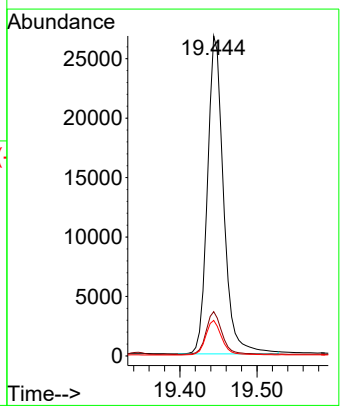


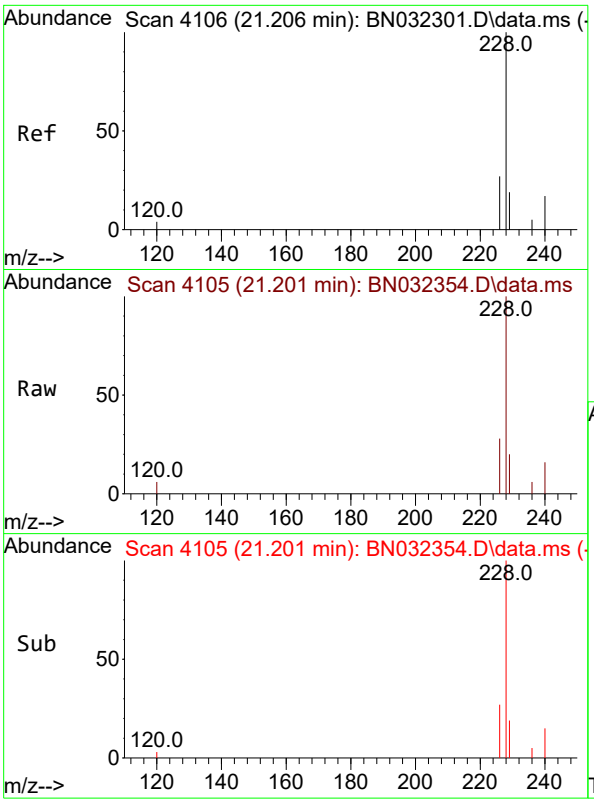


#20
Pyrene
Concen: 0.374 ng/ul
RT: 19.444 min Scan# 3638
Delta R.T. -0.011 min
Lab File: BN032354.D
Acq: 29 Jun 2024 17:05

Tgt Ion:202 Resp: 39032

Ion	Ratio	Lower	Upper
202	100		
101	13.8	11.0	16.4
100	11.1	8.7	13.1



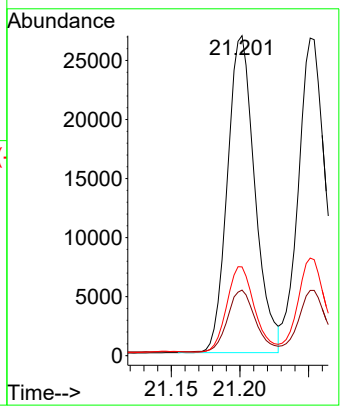


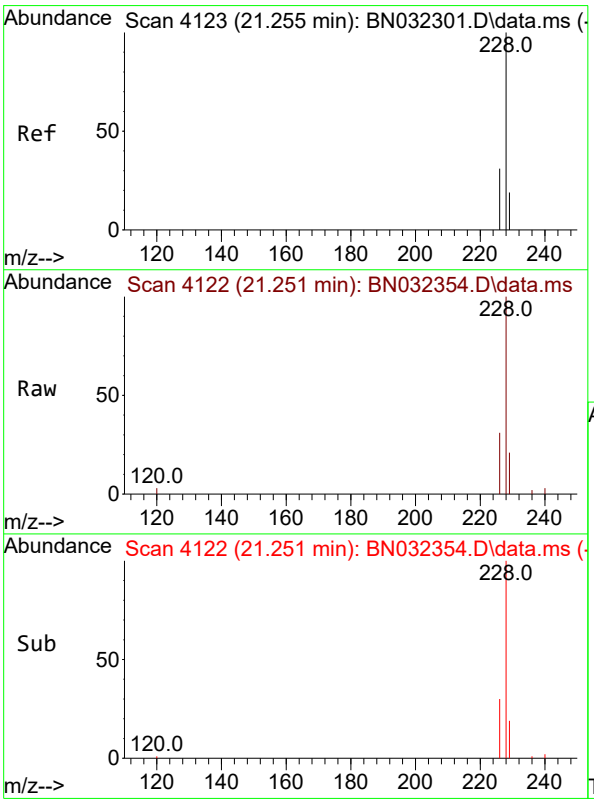
#21
Benzo(a)anthracene
Concen: 0.395 ng/ul
RT: 21.201 min Scan# 4
Delta R.T. -0.013 min
Lab File: BN032354.D
Acq: 29 Jun 2024 17:05

Instrument :
BNA_N
ClientSampleId :
SSTD0.4386

Tgt Ion:228 Resp: 37425

Ion	Ratio	Lower	Upper
228	100		
229	20.5	15.7	23.5
226	27.8	21.8	32.8

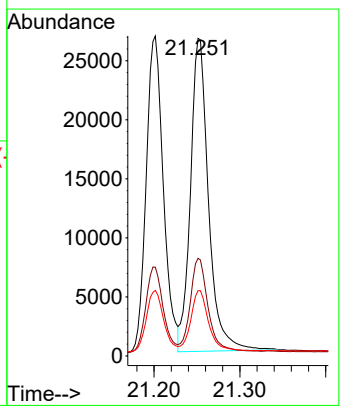


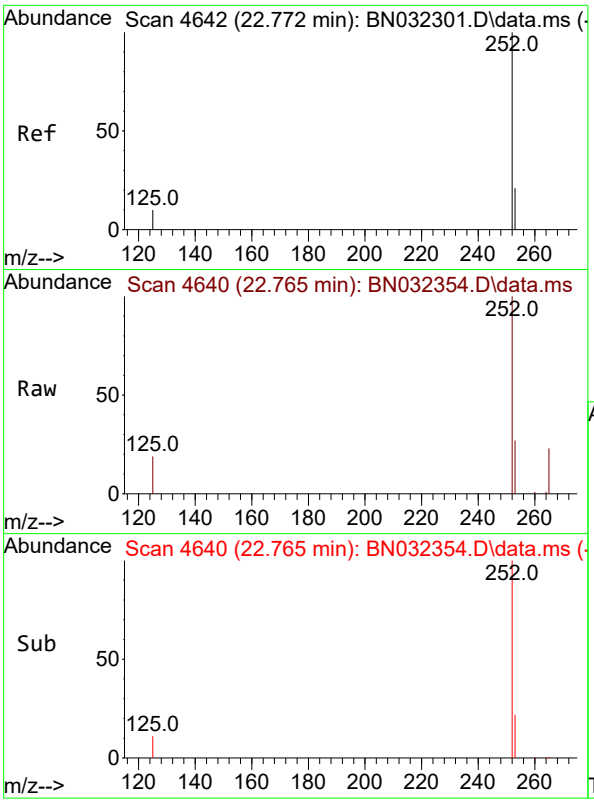


#22
Chrysene
Concen: 0.372 ng/ul
RT: 21.251 min Scan# 4122
Delta R.T. -0.016 min
Lab File: BN032354.D
Acq: 29 Jun 2024 17:05

Tgt Ion:228 Resp: 38703

Ion	Ratio	Lower	Upper
228	100		
226	30.8	23.6	35.4
229	20.6	15.7	23.5



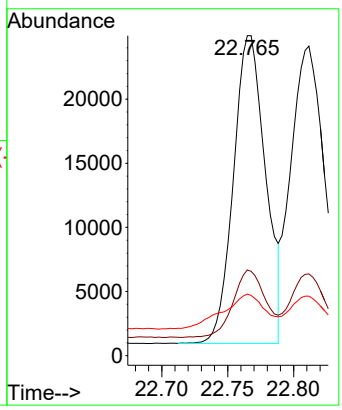


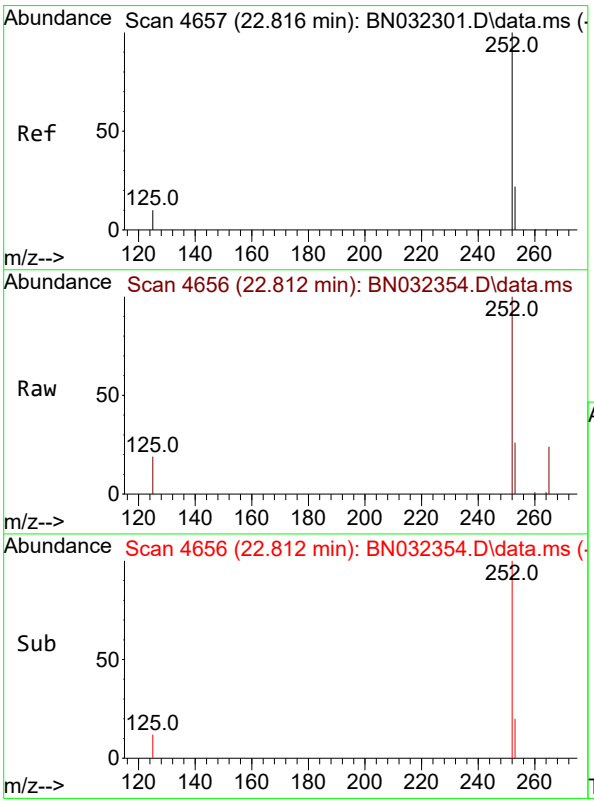
#24
Benzo(b)fluoranthene
Concen: 0.292 ng/ul
RT: 22.765 min Scan# 4
Delta R.T. -0.019 min
Lab File: BN032354.D
Acq: 29 Jun 2024 17:05

Instrument :
BNA_N
ClientSampleId :
SSTD0.4386

Tgt Ion:252 Resp: 40635

Ion	Ratio	Lower	Upper
252	100		
253	26.8	0.0	50.2
125	19.2	0.0	32.0

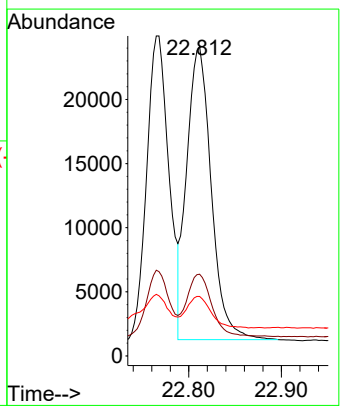


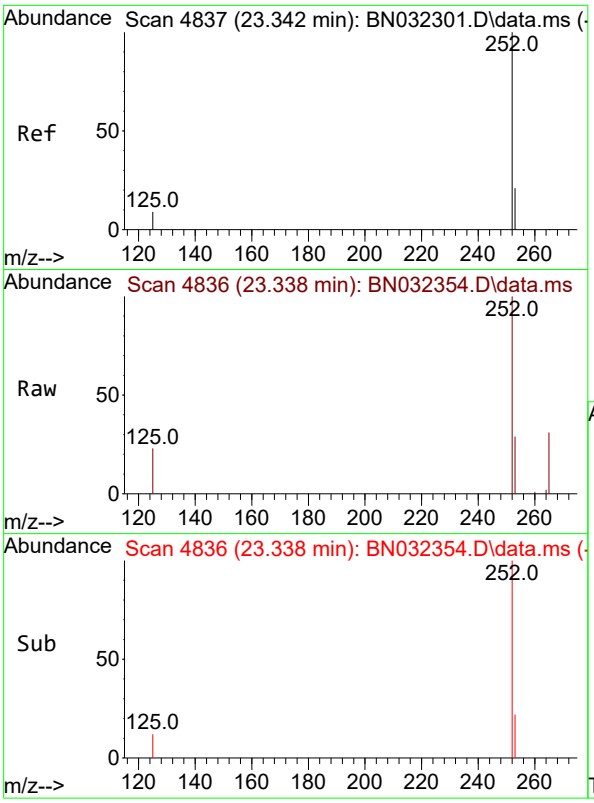


#25
Benzo(k)fluoranthene
Concen: 0.310 ng/ul
RT: 22.812 min Scan# 4656
Delta R.T. -0.016 min
Lab File: BN032354.D
Acq: 29 Jun 2024 17:05

Tgt Ion:252 Resp: 41942

Ion	Ratio	Lower	Upper
252	100		
253	26.4	20.3	30.5
125	19.2	12.8	19.2#



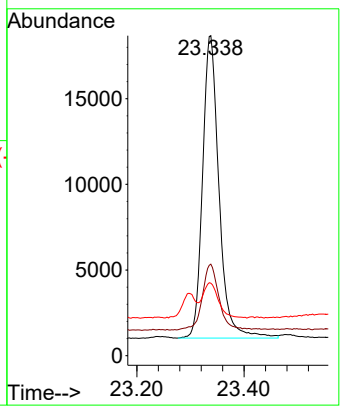


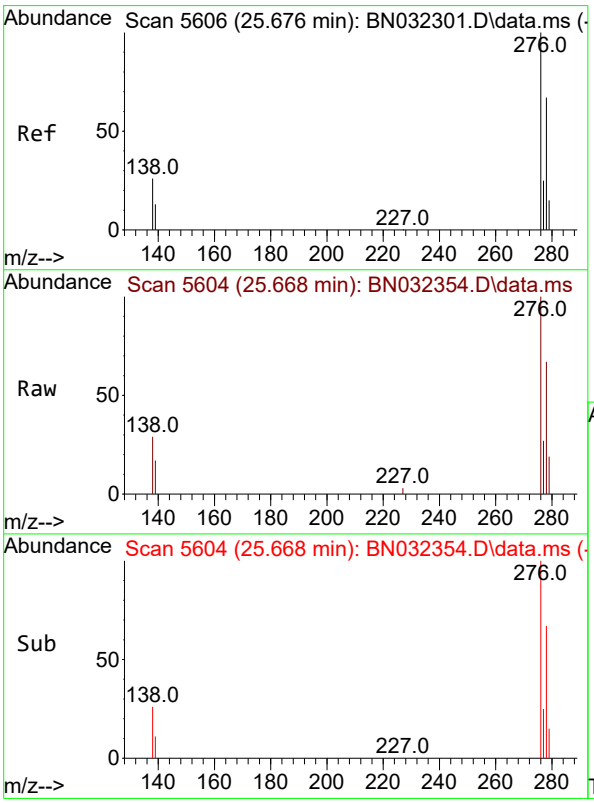
#26
Benzo(a)pyrene
Concen: 0.388 ng/ul
RT: 23.338 min Scan# 4
Delta R.T. -0.022 min
Lab File: BN032354.D
Acq: 29 Jun 2024 17:05

Instrument :
BNA_N
ClientSampleId :
SSTD0.4386

Tgt Ion:252 Resp: 37529

Ion	Ratio	Lower	Upper
252	100		
253	28.6	22.2	33.2
125	22.7	16.4	24.6

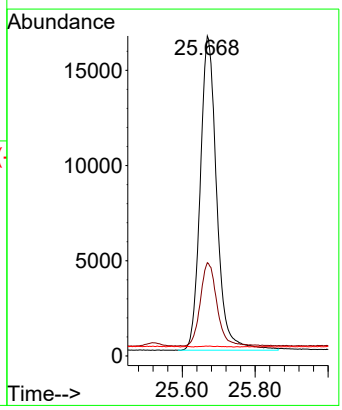


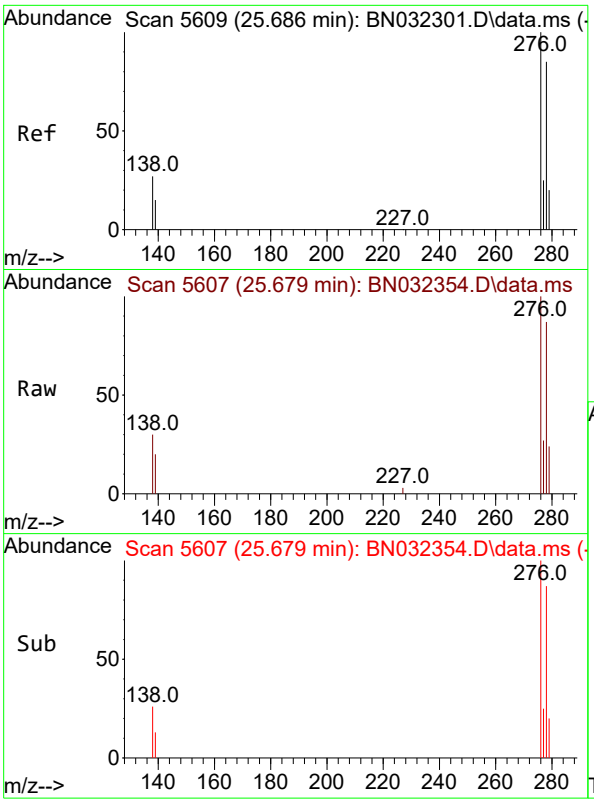


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.342 ng/ul
RT: 25.668 min Scan# 5604
Delta R.T. -0.031 min
Lab File: BN032354.D
Acq: 29 Jun 2024 17:05

Tgt Ion:276 Resp: 51793

Ion	Ratio	Lower	Upper
276	100		
138	26.7	21.3	31.9
227	0.2	0.1	0.1#



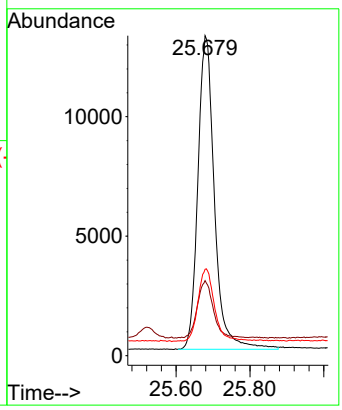


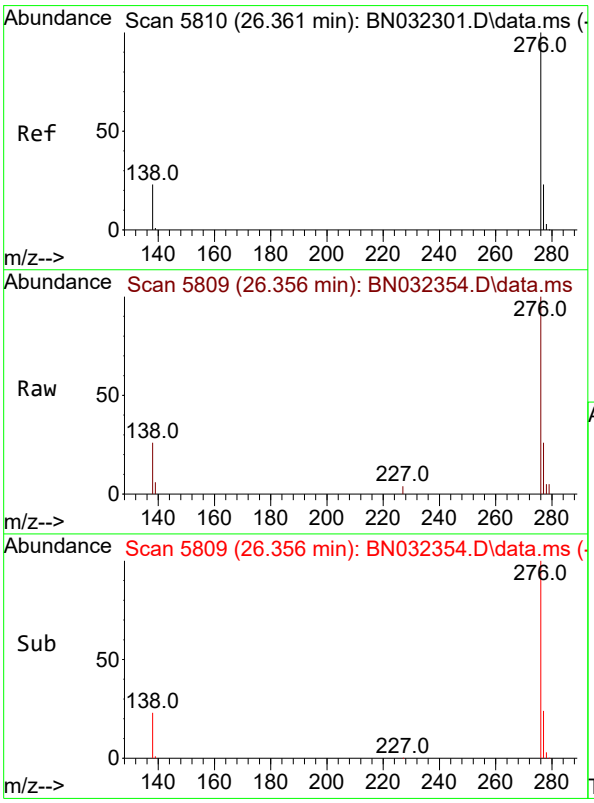
#28
Dibenzo(a,h)anthracene
Concen: 0.363 ng/ul
RT: 25.679 min Scan# 5
Delta R.T. -0.031 min
Lab File: BN032354.D
Acq: 29 Jun 2024 17:05

Instrument :
BNA_N
ClientSampleId :
SSTD0.4386

Tgt Ion:278 Resp: 40836

Ion	Ratio	Lower	Upper
278	100		
139	23.4	15.9	23.9
279	27.0	21.1	31.7





#29
Benzo(g,h,i)perylene
Concen: 0.341 ng/ul
RT: 26.356 min Scan# 5809
Delta R.T. -0.025 min
Lab File: BN032354.D
Acq: 29 Jun 2024 17:05

Tgt Ion:276 Resp: 41115

Ion	Ratio	Lower	Upper
276	100		
138	26.3	19.8	29.6
277	26.2	19.8	29.6