Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070524\
Data File : BN032543.D
Acq On : 06 Jul 2024 13:00
Operator : MA/JU
Sample : P2982-03MSD
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CT2MSD

Quant Time: Jul 07 23:45:17 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 : Wed Jul 03 03:26:42 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.595	152	6134	0.400	ng/ul	0.00
4) Naphthalene-d8	10.371	136	18398	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.239	164	10711	0.400	ng/ul	-0.01
13) Phenanthrene-d10	16.991	188	22016	0.400	ng/ul	-0.02
17) Chrysene-d12	21.200	240	21336	0.400	ng/ul	# 0.00
23) Perylene-d12	23.415	264	28047	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.143	96	882	0.129	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.971	152	1957	0.071	ng/ul	0.00
18) Fluoranthene-d10	19.031	212	6046	0.094	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.173	88	2399	0.309	ng/ul#	83
5) Naphthalene	10.415	128	8989	0.185	ng/ul	96
7) 2-Methylnaphthalene	12.043	142	4178	0.129	ng/ul	99
8) 1-Methylnaphthalene	12.263	142	3896	0.116	ng/ul	99
10) Acenaphthylene	13.962	152	21059	0.473	ng/ul	99
11) Acenaphthene	14.299	153	9989	0.289	ng/ul	98
12) Fluorene	15.299	166	12039	0.292	ng/ul	99
14) Pentachlorophenol	16.666	266	1059	0.213	ng/ul	98
15) Phenanthrene	17.033	178	244140	4.045	ng/ul	99
16) Anthracene	17.130	178	51809	0.962	ng/ul	99
19) Fluoranthene	19.059	202	650733	8.009	ng/ul	97
20) Pyrene	19.426	202	475127	5.596	ng/ul	100
21) Benzo(a)anthracene	21.185	228	299107	3.884	ng/ul	98
22) Chrysene	21.238	228	357614	4.231	ng/ul	98
24) Benzo(b)fluoranthene	22.749	252	708859	5.817	ng/ul	94
26) Benzo(a)pyrene	23.319	252	183735	2.167	ng/ul#	90
27) Indeno(1,2,3-cd)pyrene	25.643	276	190488	1.435	ng/ul#	94
28) Dibenzo(a,h)anthracene	25.643	278	70918	0.719	ng/ul	95
29) Benzo(g,h,i)perylene	26.334	276	26269	0.248	ng/ul#	85

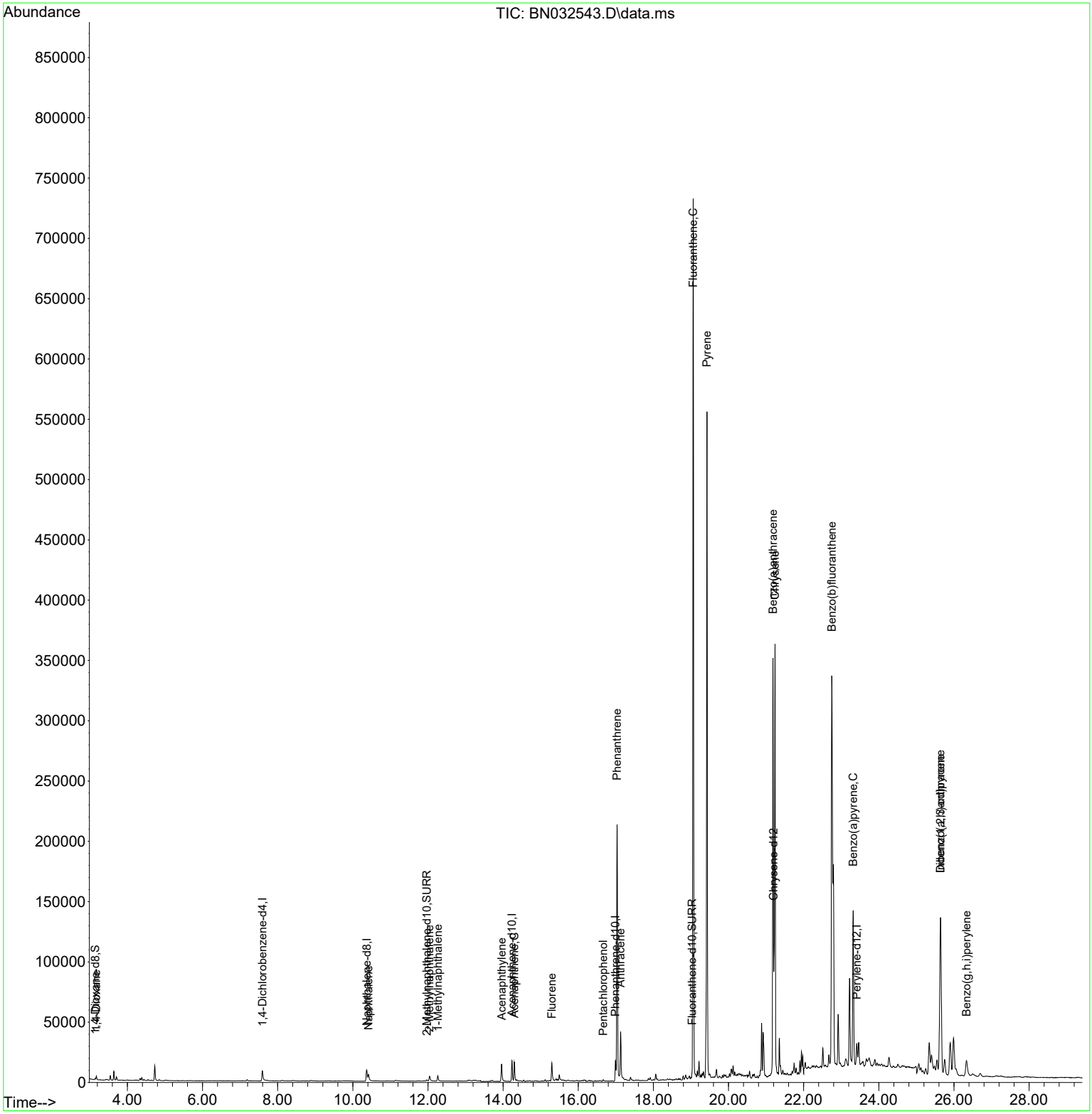
(#) = qualifier out of range (m) = manual integration (+) = signals summed

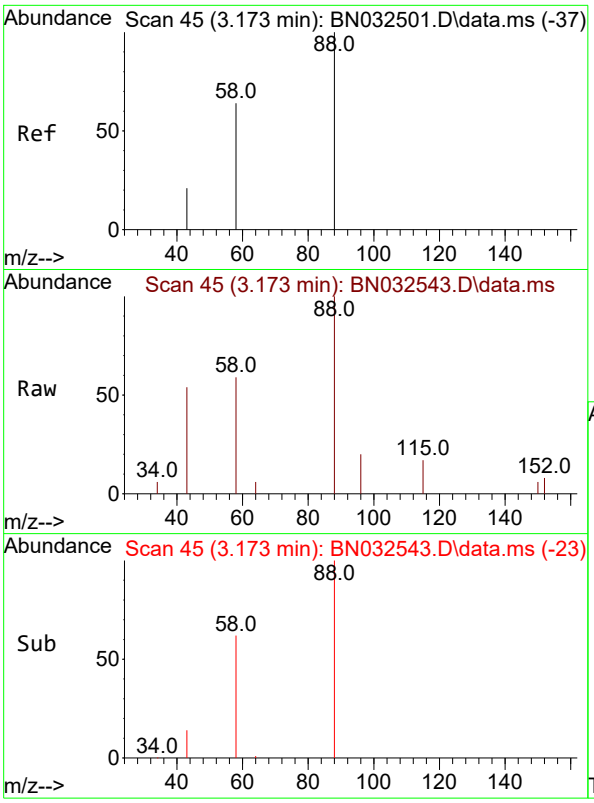
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070524\
Data File : BN032543.D
Acq On : 06 Jul 2024 13:00
Operator : MA/JU
Sample : P2982-03MSD
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CT2MSD

Quant Time: Jul 07 23:45:17 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 : Wed Jul 03 03:26:42 2024
Response via : Initial Calibration



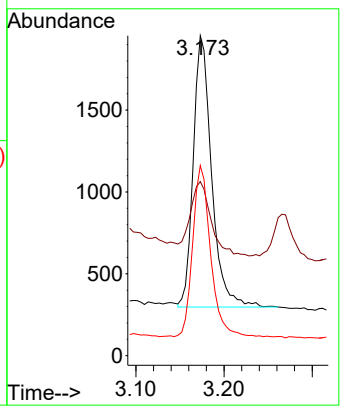


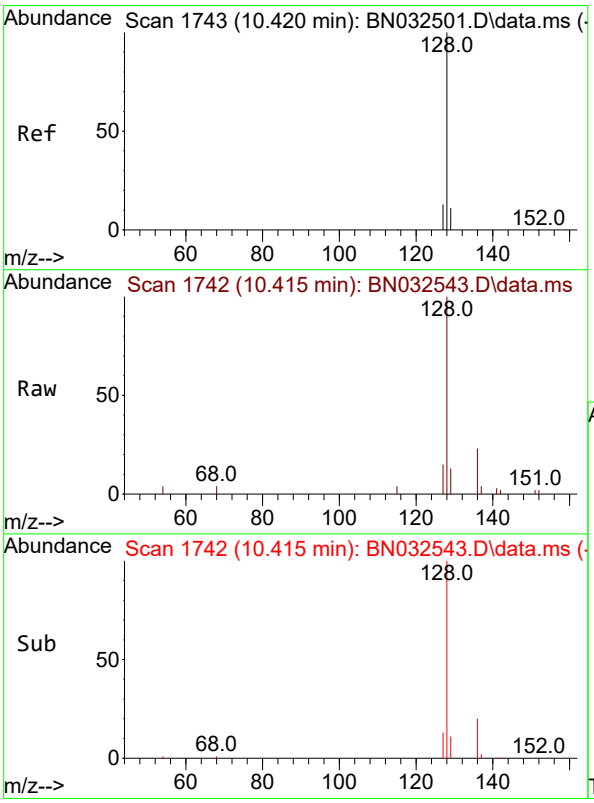
#2
1,4-Dioxane
Concen: 0.309 ng/ul
RT: 3.173 min Scan# 4
Delta R.T. -0.008 min
Lab File: BN032543.D
Acq: 06 Jul 2024 13:00

Instrument :
BNA_N
ClientSampleId :
A4CT2MSD

Tgt Ion: 88 Resp: 2399

Ion	Ratio	Lower	Upper
88	100		
43	54.4	28.4	42.6#
58	59.4	43.3	64.9

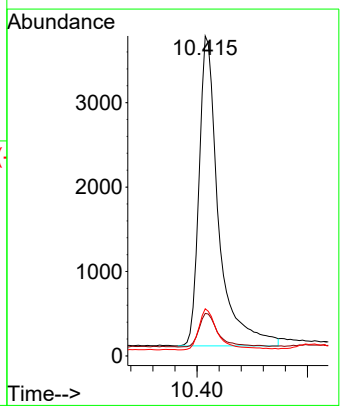


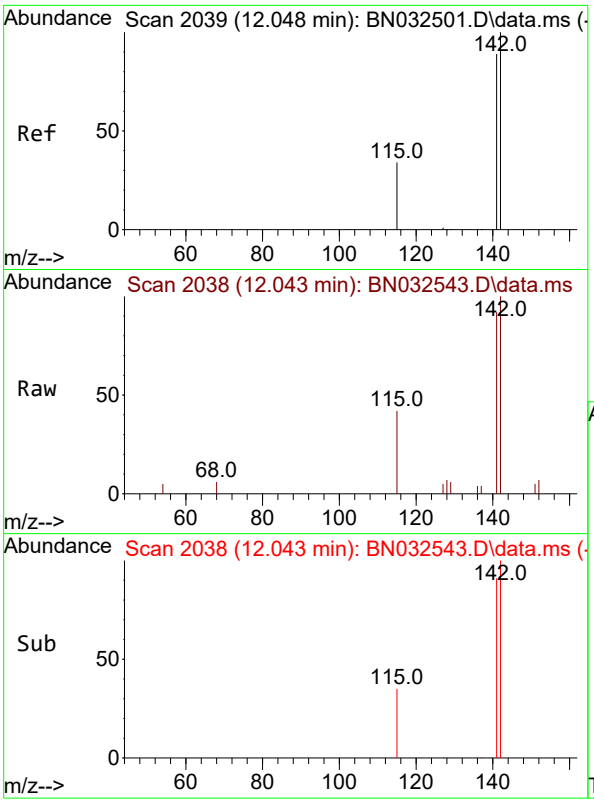


#5
Naphthalene
Concen: 0.185 ng/ul
RT: 10.415 min Scan# 1742
Delta R.T. -0.016 min
Lab File: BN032543.D
Acq: 06 Jul 2024 13:00

Tgt Ion:128 Resp: 8989

Ion	Ratio	Lower	Upper
128	100		
129	13.3	9.2	13.8
127	14.7	10.8	16.2



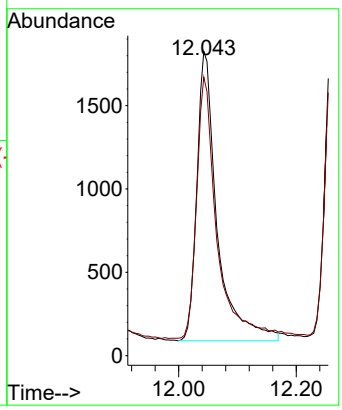


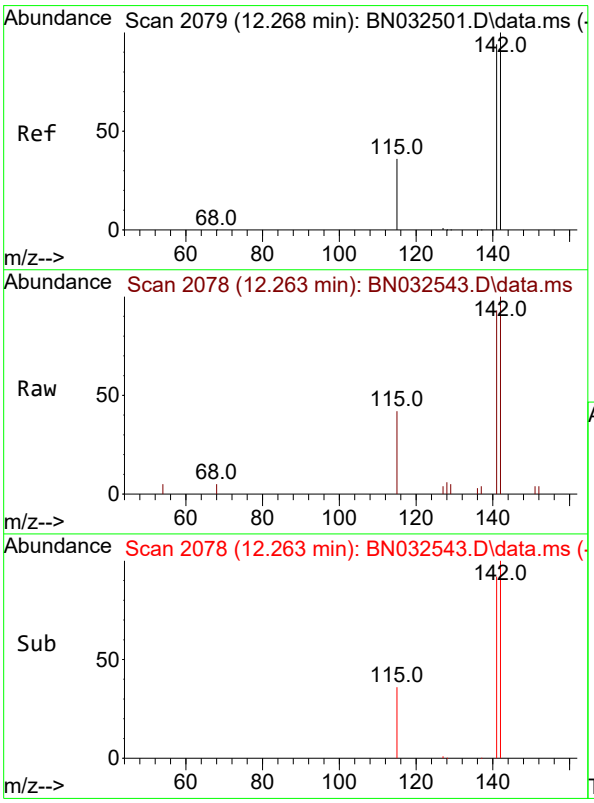
#7
2-Methylnaphthalene
Concen: 0.129 ng/ul
RT: 12.043 min Scan# 2
Delta R.T. -0.011 min
Lab File: BN032543.D
Acq: 06 Jul 2024 13:00

Instrument :
BNA_N
ClientSampleId :
A4CT2MSD

Tgt Ion:142 Resp: 4178

Ion	Ratio	Lower	Upper
142	100		
141	89.1	72.2	108.2

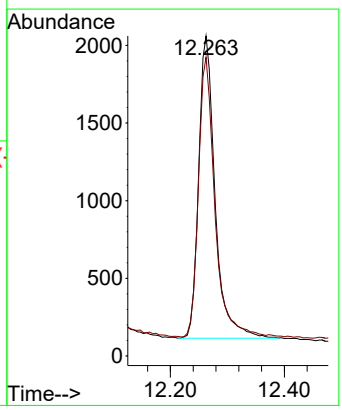


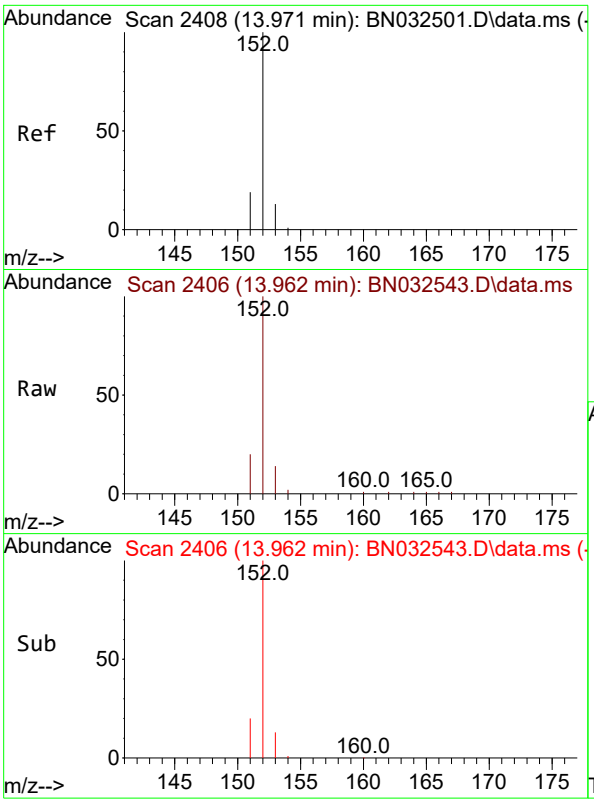


#8
1-Methylnaphthalene
Concen: 0.116 ng/ul
RT: 12.263 min Scan# 2078
Delta R.T. -0.011 min
Lab File: BN032543.D
Acq: 06 Jul 2024 13:00

Tgt Ion:142 Resp: 3896

Ion	Ratio	Lower	Upper
142	100		
141	92.4	73.4	110.0



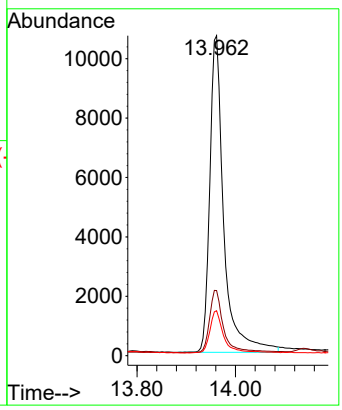


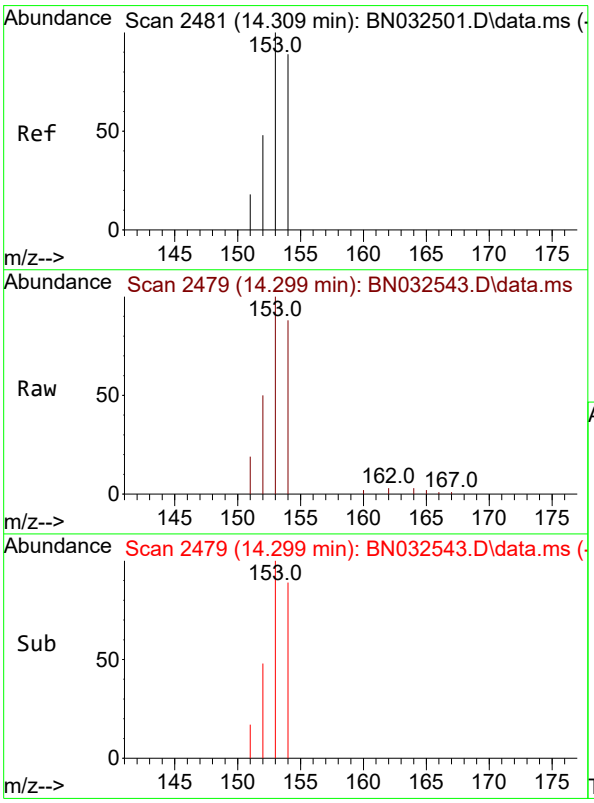
#10
Acenaphthylene
Concen: 0.473 ng/ul
RT: 13.962 min Scan# 24
Delta R.T. -0.009 min
Lab File: BN032543.D
Acq: 06 Jul 2024 13:00

Instrument :
BNA_N
ClientSampleId :
A4CT2MSD

Tgt Ion:152 Resp: 21059

Ion	Ratio	Lower	Upper
152	100		
151	20.4	15.7	23.5
153	14.0	10.9	16.3

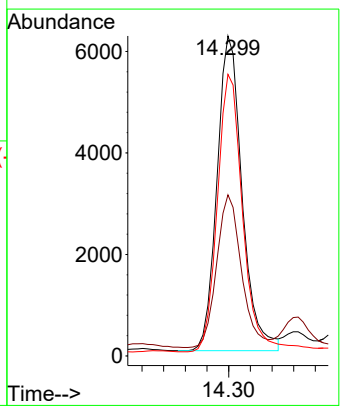


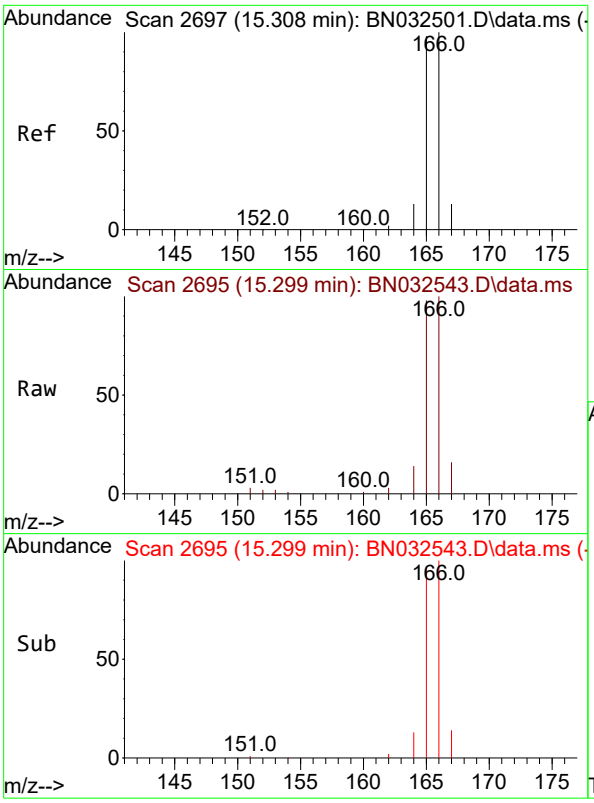


#11
Acenaphthene
Concen: 0.289 ng/ul
RT: 14.299 min Scan# 2479
Delta R.T. -0.014 min
Lab File: BN032543.D
Acq: 06 Jul 2024 13:00

Tgt Ion:153 Resp: 9989

Ion	Ratio	Lower	Upper
153	100		
152	50.4	39.5	59.3
154	88.0	71.7	107.5



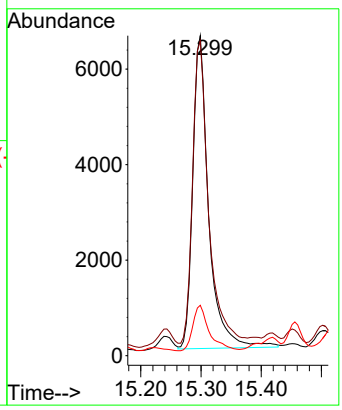


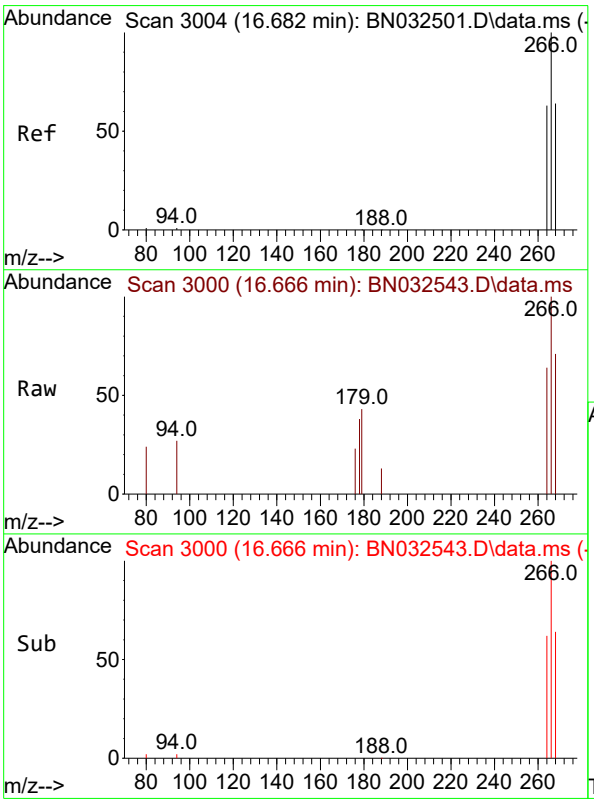
#12
Fluorene
Concen: 0.292 ng/ul
RT: 15.299 min Scan# 2
Delta R.T. -0.014 min
Lab File: BN032543.D
Acq: 06 Jul 2024 13:00

Instrument :
BNA_N
ClientSampleId :
A4CT2MSD

Tgt Ion:166 Resp: 12039

Ion	Ratio	Lower	Upper
166	100		
165	98.4	79.0	118.6
167	15.7	11.0	16.6

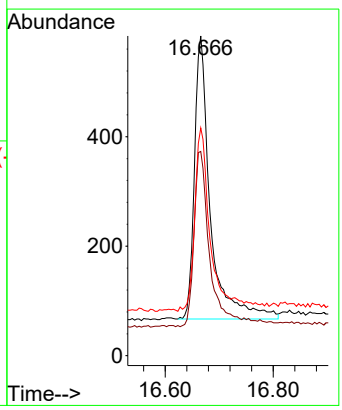


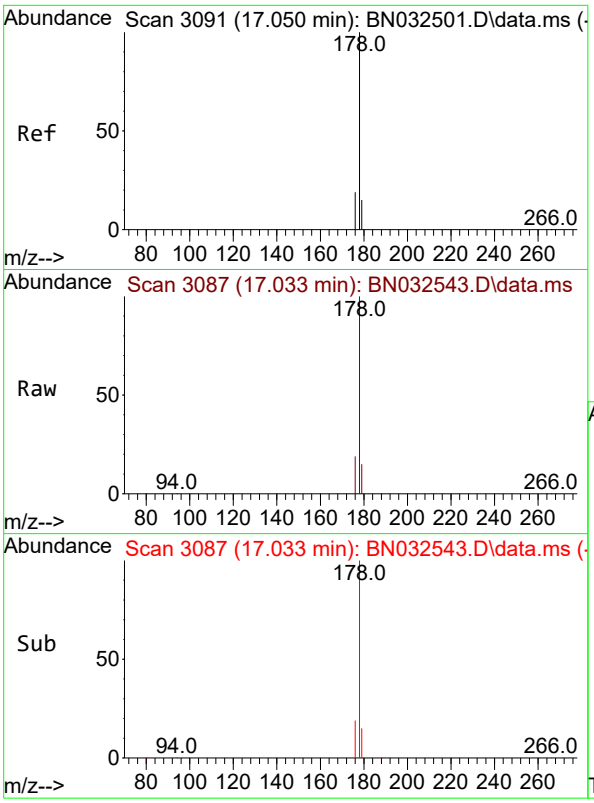


#14
Pentachlorophenol
Concen: 0.213 ng/ul
RT: 16.666 min Scan# 3000
Delta R.T. -0.008 min
Lab File: BN032543.D
Acq: 06 Jul 2024 13:00

Tgt Ion:266 Resp: 1059

Ion	Ratio	Lower	Upper
266	100		
264	64.9	49.9	74.9
268	66.0	52.4	78.6



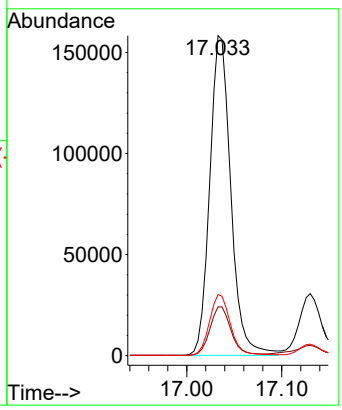


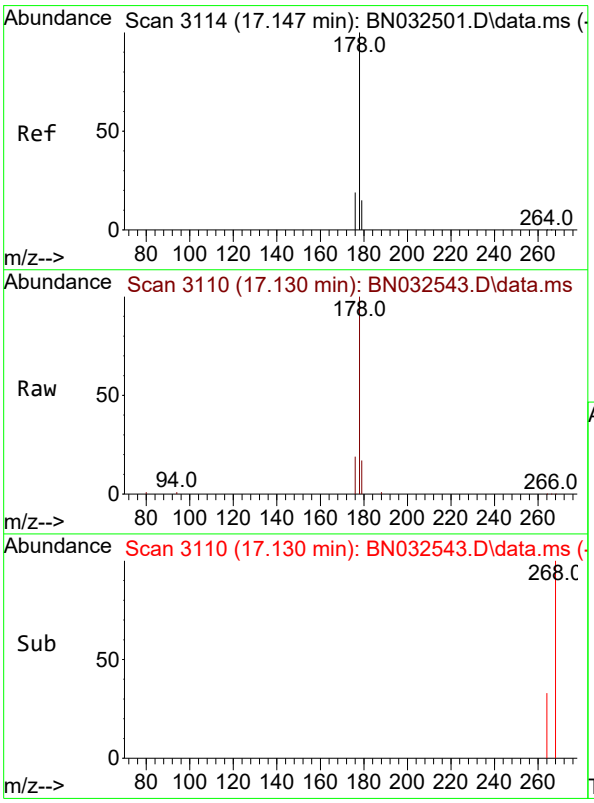
#15
Phenanthrene
Concen: 4.045 ng/ul
RT: 17.033 min Scan# 3
Delta R.T. -0.017 min
Lab File: BN032543.D
Acq: 06 Jul 2024 13:00

Instrument :
BNA_N
ClientSampleId :
A4CT2MSD

Tgt Ion:178 Resp: 244140

Ion	Ratio	Lower	Upper
178	100		
179	15.3	12.6	18.8
176	19.1	15.6	23.4

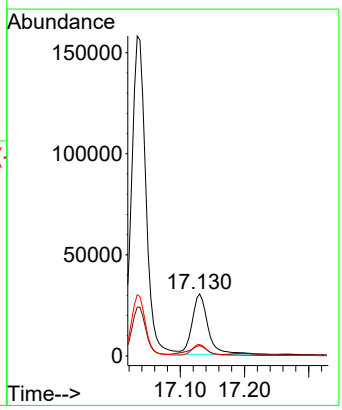


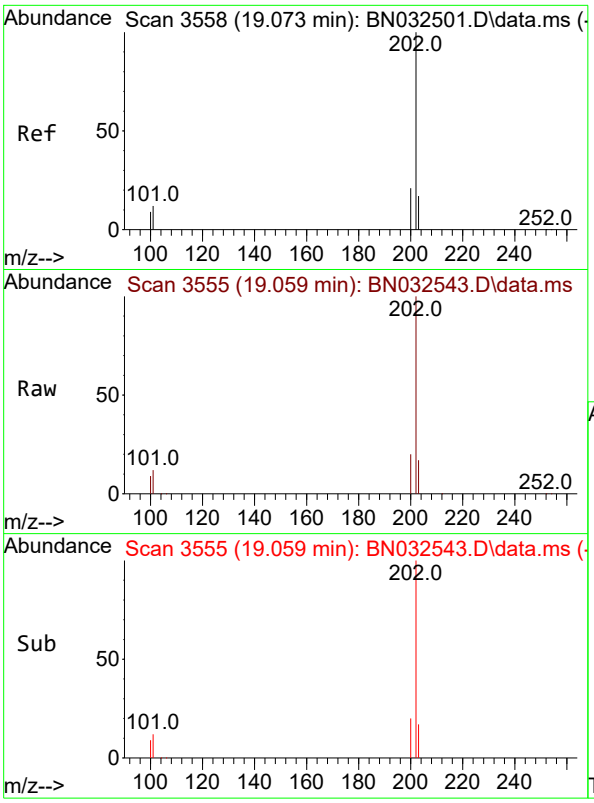


#16
Anthracene
Concen: 0.962 ng/ul
RT: 17.130 min Scan# 3110
Delta R.T. -0.013 min
Lab File: BN032543.D
Acq: 06 Jul 2024 13:00

Tgt Ion:178 Resp: 51809

Ion	Ratio	Lower	Upper
178	100		
179	16.6	12.5	18.7
176	18.6	15.0	22.6



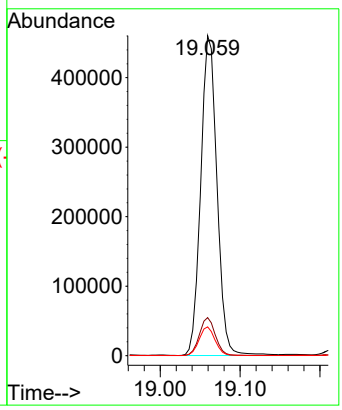


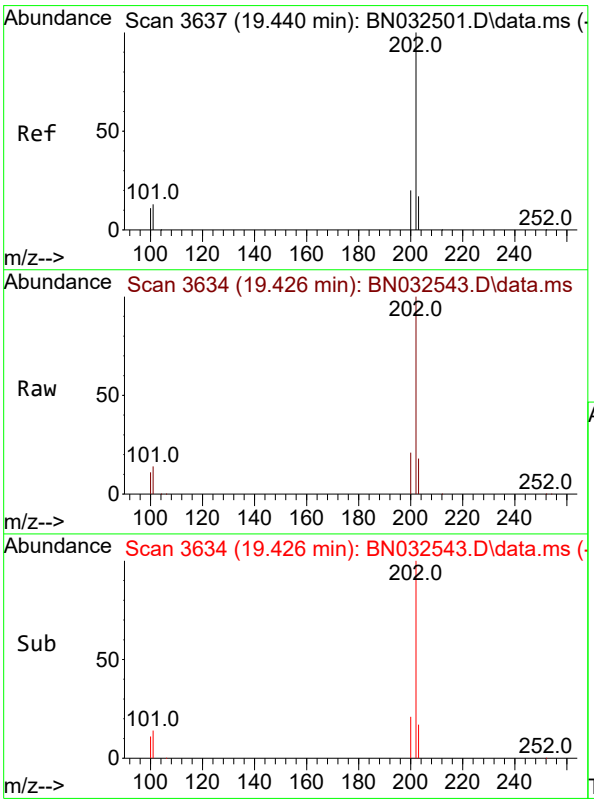
#19
Fluoranthene
Concen: 8.009 ng/ul
RT: 19.059 min Scan# 3
Delta R.T. -0.014 min
Lab File: BN032543.D
Acq: 06 Jul 2024 13:00

Instrument :
BNA_N
ClientSampleId :
A4CT2MSD

Tgt Ion:202 Resp: 650733

Ion	Ratio	Lower	Upper
202	100		
101	11.9	8.8	13.2
100	9.0	6.4	9.6

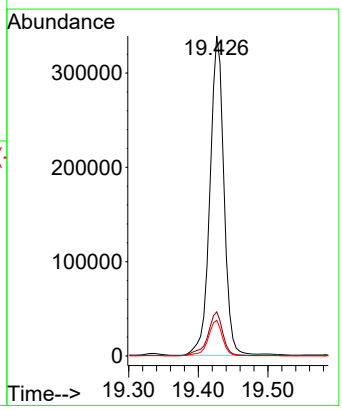


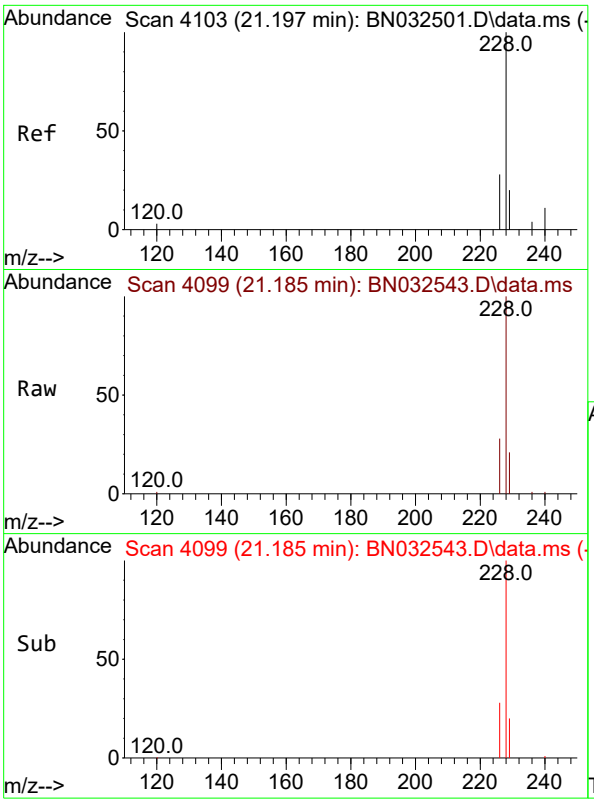


#20
Pyrene
Concen: 5.596 ng/ul
RT: 19.426 min Scan# 3634
Delta R.T. -0.014 min
Lab File: BN032543.D
Acq: 06 Jul 2024 13:00

Tgt Ion:202 Resp: 475127

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



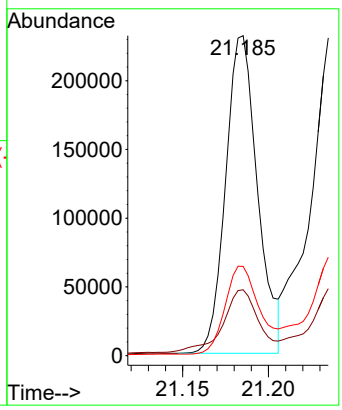


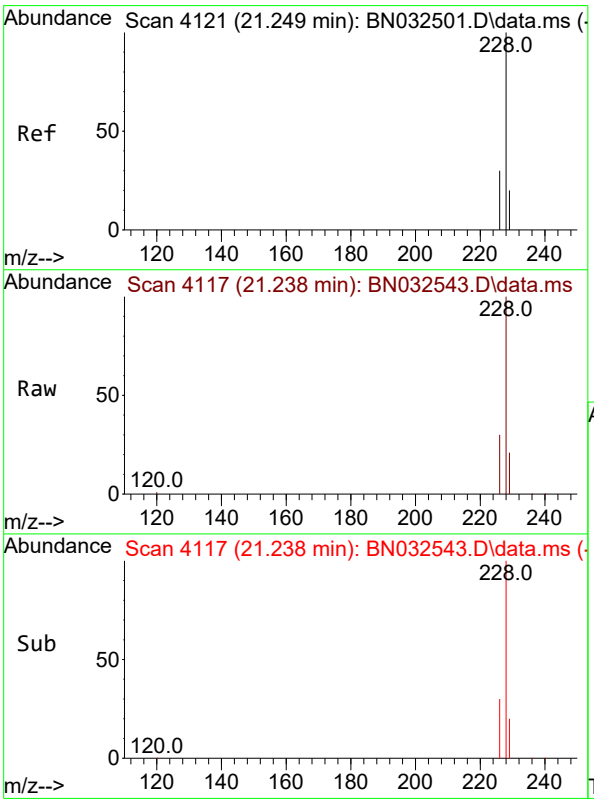
#21
Benzo(a)anthracene
Concen: 3.884 ng/ul
RT: 21.185 min Scan# 4
Delta R.T. -0.006 min
Lab File: BN032543.D
Acq: 06 Jul 2024 13:00

Instrument :
BNA_N
ClientSampleId :
A4CT2MSD

Tgt Ion:228 Resp: 299107

Ion	Ratio	Lower	Upper
228	100		
229	20.6	15.7	23.5
226	27.9	21.8	32.8

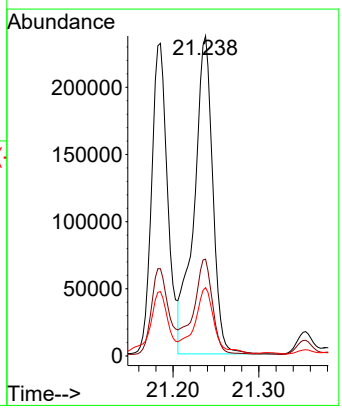


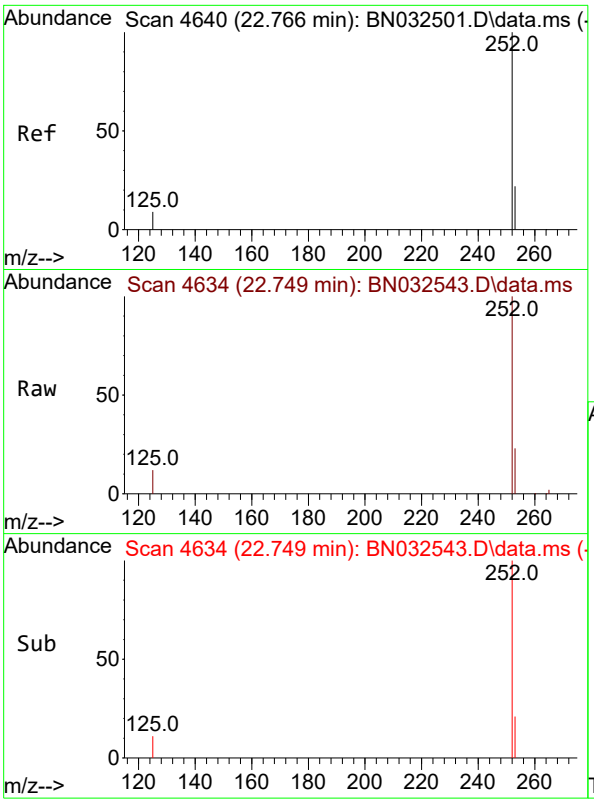


#22
Chrysene
Concen: 4.231 ng/ul
RT: 21.238 min Scan# 4117
Delta R.T. -0.006 min
Lab File: BN032543.D
Acq: 06 Jul 2024 13:00

Tgt Ion:228 Resp: 357614

Ion	Ratio	Lower	Upper
228	100		
226	30.2	23.6	35.4
229	21.3	15.7	23.5



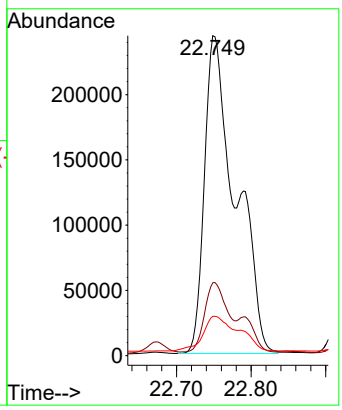


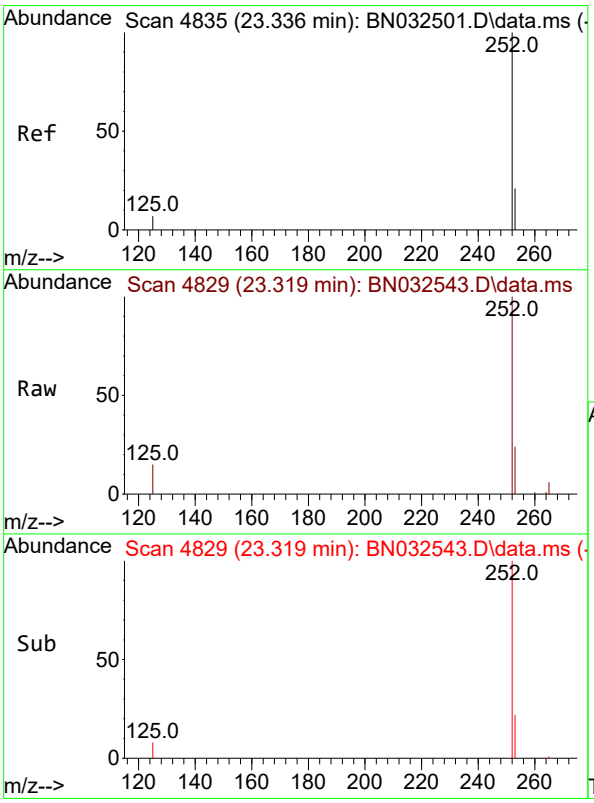
#24
Benzo(b)fluoranthene
Concen: 5.817 ng/ul
RT: 22.749 min Scan# 4
Delta R.T. -0.009 min
Lab File: BN032543.D
Acq: 06 Jul 2024 13:00

Instrument :
BNA_N
ClientSampleId :
A4CT2MSD

Tgt Ion:252 Resp: 708859

Ion	Ratio	Lower	Upper
252	100		
253	22.8	0.0	50.2
125	12.3	0.0	32.0

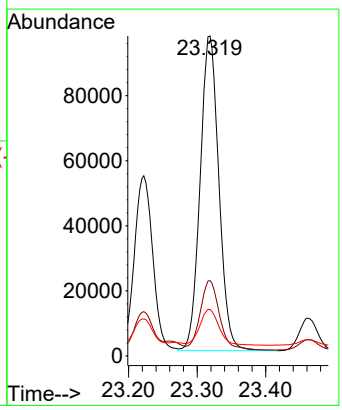


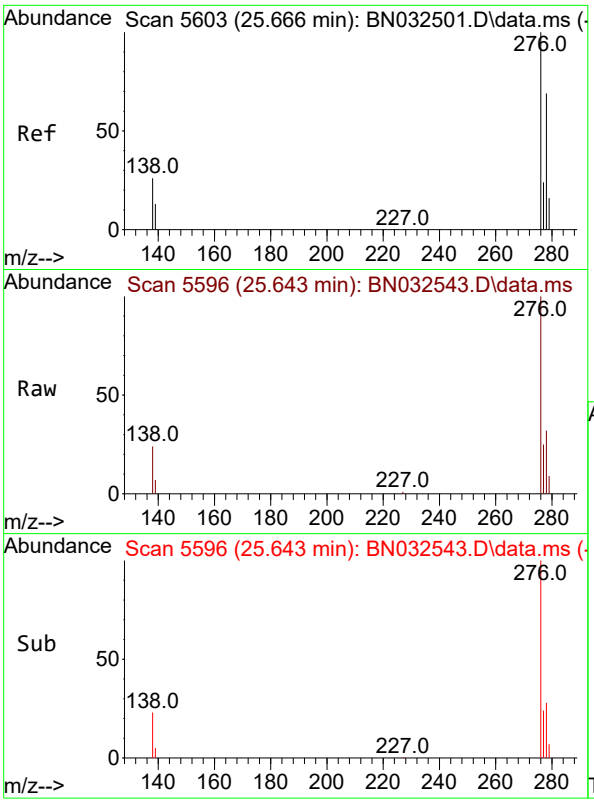


#26
Benzo(a)pyrene
Concen: 2.167 ng/ul
RT: 23.319 min Scan# 4829
Delta R.T. -0.009 min
Lab File: BN032543.D
Acq: 06 Jul 2024 13:00

Tgt Ion:252 Resp: 183735

Ion	Ratio	Lower	Upper
252	100		
253	23.5	22.2	33.2
125	14.6	16.4	24.6#



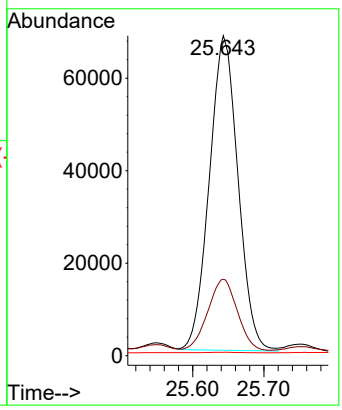


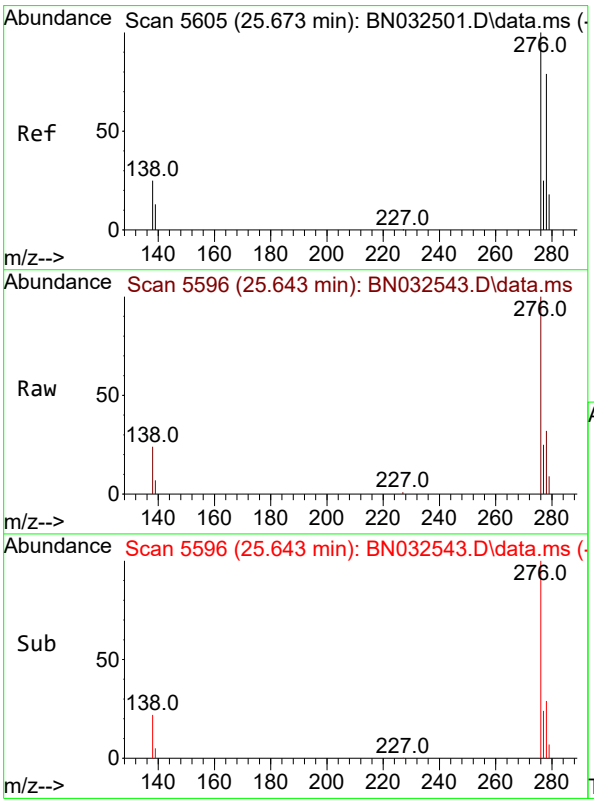
#27
Indeno(1,2,3-cd)pyrene
Concen: 1.435 ng/ul
RT: 25.643 min Scan# 5
Delta R.T. -0.017 min
Lab File: BN032543.D
Acq: 06 Jul 2024 13:00

Instrument :
BNA_N
ClientSampleId :
A4CT2MSD

Tgt Ion:276 Resp: 190488

Ion	Ratio	Lower	Upper
276	100		
138	23.3	21.3	31.9
227	0.2	0.1	0.1#

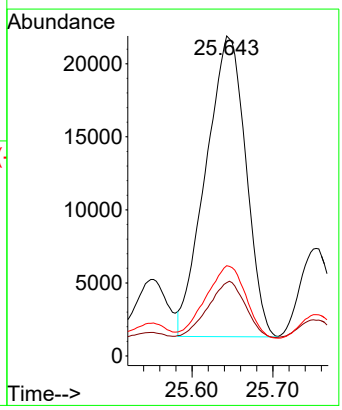


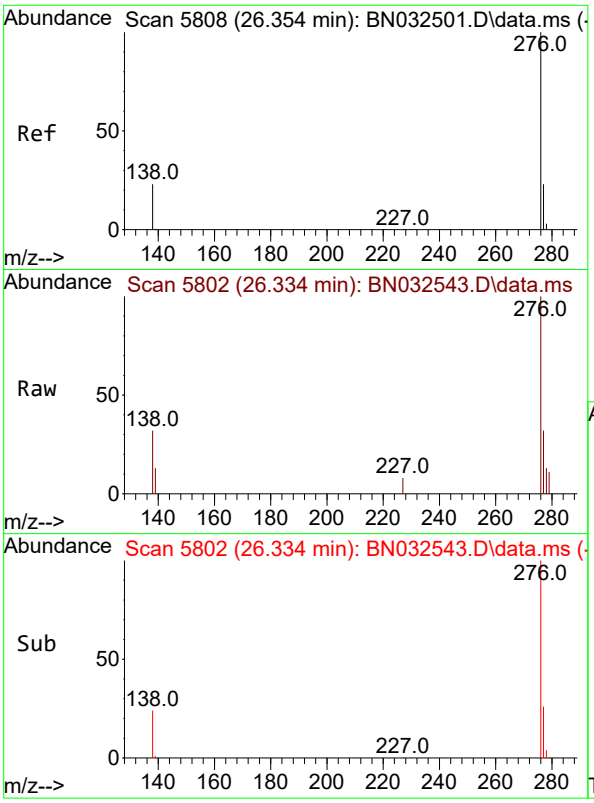


#28
Dibenzo(a,h)anthracene
Concen: 0.719 ng/ul
RT: 25.643 min Scan# 5596
Delta R.T. -0.023 min
Lab File: BN032543.D
Acq: 06 Jul 2024 13:00

Tgt Ion:278 Resp: 70918

Ion	Ratio	Lower	Upper
278	100		
139	22.9	15.9	23.9
279	28.2	21.1	31.7





#29
Benzo(g,h,i)perylene
Concen: 0.248 ng/ul
RT: 26.334 min Scan# 5
Delta R.T. -0.010 min
Lab File: BN032543.D
Acq: 06 Jul 2024 13:00

Instrument :
BNA_N
ClientSampleId :
A4CT2MSD

Tgt Ion:276 Resp: 26269

Ion	Ratio	Lower	Upper
276	100		
138	32.0	19.8	29.6#
277	32.3	19.8	29.6#