Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
Data File : BN032644.D
Acq On : 11 Jul 2024 20:09
Operator : MA/JU
Sample : P3035-03MSD
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CW2MSD

Quant Time: Jul 12 01:56:11 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 12 01:40:24 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.557	152	6859	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.327	136	22254	0.400	ng/ul	-0.03
9) Acenaphthene-d10	14.207	164	12351	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.961	188	23151	0.400	ng/ul	#-0.03
17) Chrysene-d12	21.173	240	13756	0.400	ng/ul	#-0.02
23) Perylene-d12	23.371	264	19517	0.400	ng/ul	#-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.105	96	4215	0.512	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.927	152	14164	0.421	ng/ul	-0.04
18) Fluoranthene-d10	18.999	212	21125	0.471	ng/ul	-0.03
Target Compounds						Qvalue
2) 1,4-Dioxane	3.139	88	13067	1.393	ng/ul	92
5) Naphthalene	10.376	128	61017	1.021	ng/ul	97
7) 2-Methylnaphthalene	11.998	142	30127	0.808	ng/ul	97
8) 1-Methylnaphthalene	12.224	142	25775	0.668	ng/ul	99
10) Acenaphthylene	13.924	152	79279	1.589	ng/ul	99
11) Acenaphthene	14.267	153	47052	1.140	ng/ul	99
12) Fluorene	15.261	166	51114	1.084	ng/ul	98
14) Pentachlorophenol	16.627	266	5477	1.348	ng/ul	98
15) Phenanthrene	17.003	178	738889	11.719	ng/ul	99
16) Anthracene	17.096	178	157239	3.053	ng/ul	98
19) Fluoranthene	19.031	202	1518659	27.153	ng/ul	99
20) Pyrene	19.398	202	1081173	18.676	ng/ul	97
21) Benzo(a)anthracene	21.156	228	650940	14.866	ng/ul	98
22) Chrysene	21.208	228	793922	12.534	ng/ul	97
24) Benzo(b)fluoranthene	22.716	252	1570104	22.800	ng/ul	90
25) Benzo(k)fluoranthene	22.880	252	128877	1.536	ng/ul	93
26) Benzo(a)pyrene	23.275	252	411813	6.910	ng/ul#	82
27) Indeno(1,2,3-cd)pyrene	25.579	276	444434	5.508	ng/ul#	94
28) Dibenzo(a,h)anthracene	25.582	278	170369	2.724	ng/ul#	93
29) Benzo(g,h,i)perylene	26.263	276	64141	0.951	ng/ul#	89

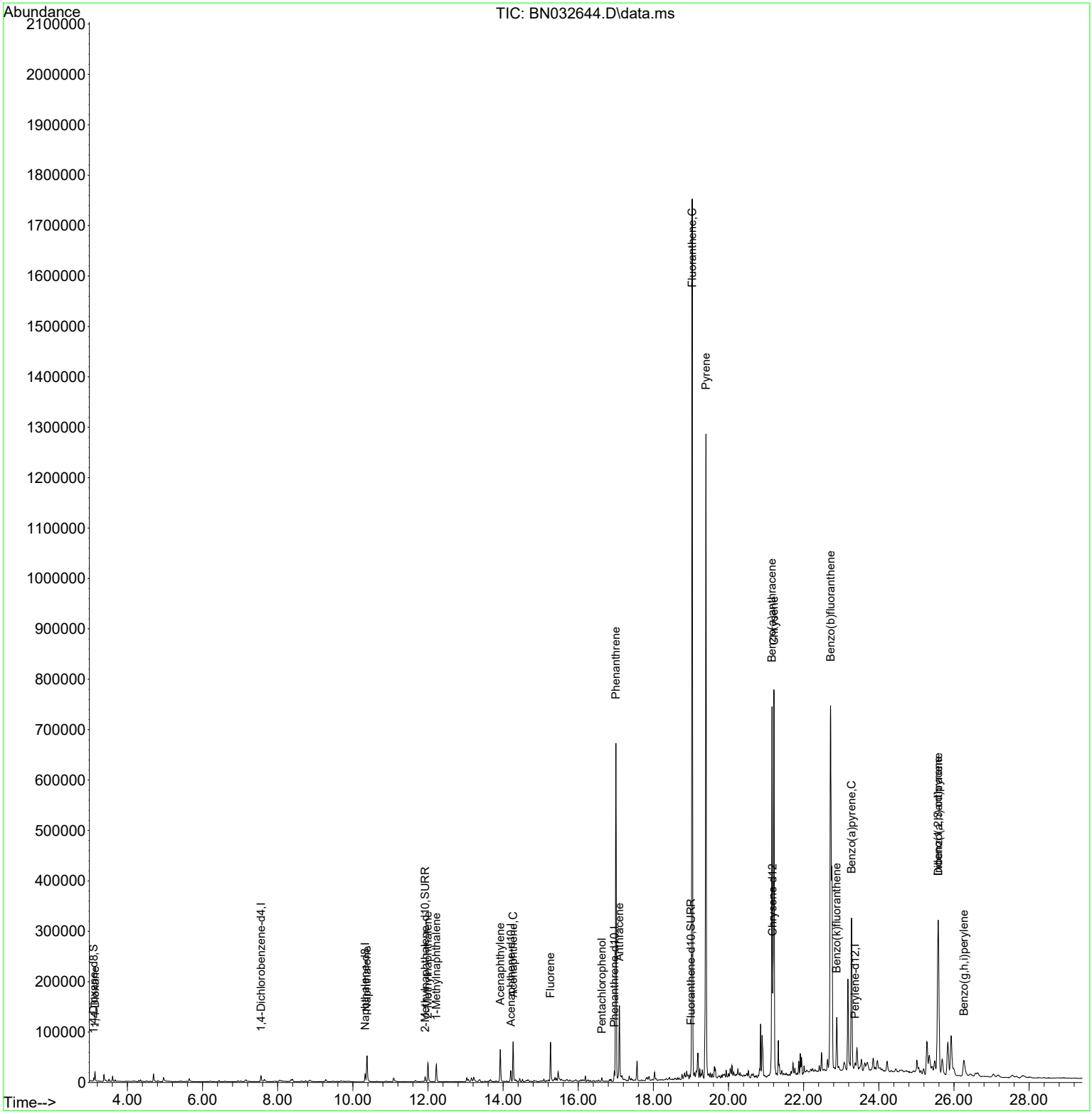
(#) = qualifier out of range (m) = manual integration (+) = signals summed

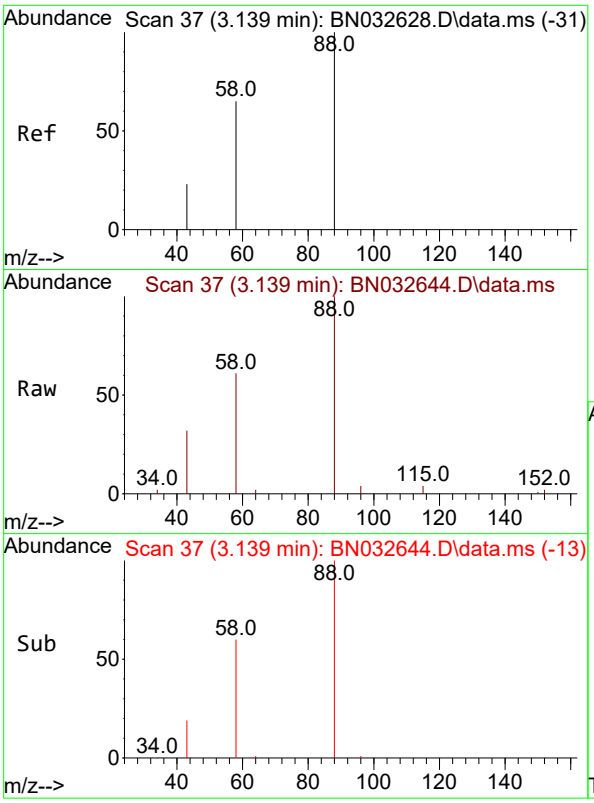
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
Data File : BN032644.D
Acq On : 11 Jul 2024 20:09
Operator : MA/JU
Sample : P3035-03MSD
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CW2MSD

Quant Time: Jul 12 01:56:11 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 12 01:40:24 2024
Response via : Initial Calibration



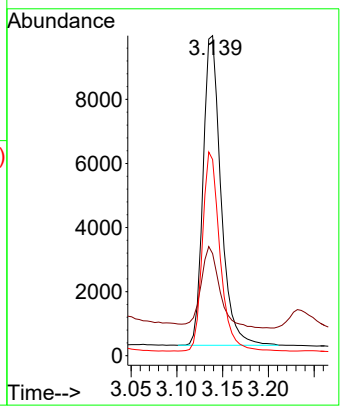


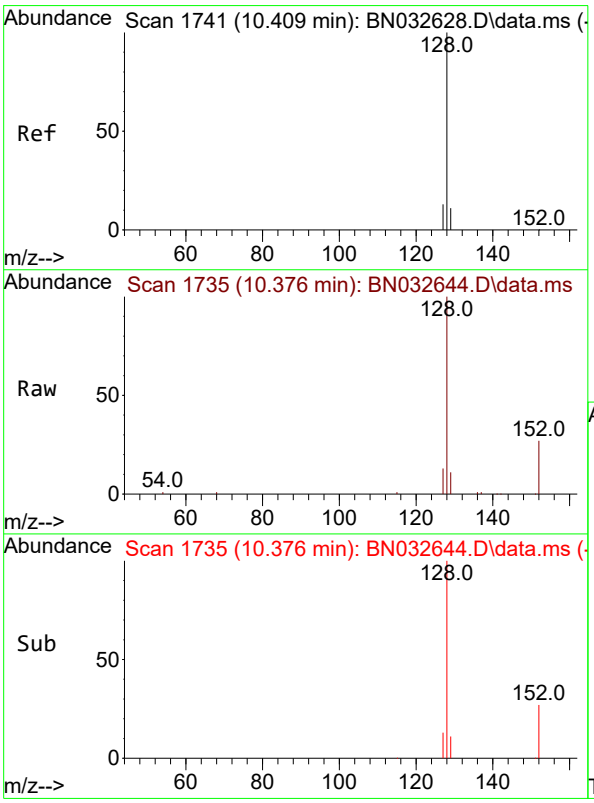
#2
1,4-Dioxane
Concen: 1.393 ng/ul
RT: 3.139 min Scan# 3
Delta R.T. -0.000 min
Lab File: BN032644.D
Acq: 11 Jul 2024 20:09

Instrument :
BNA_N
ClientSampleId :
A4CW2MSD

Tgt Ion: 88 Resp: 13067

Ion	Ratio	Lower	Upper
88	100		
43	31.9	24.0	36.0
58	61.3	43.3	64.9

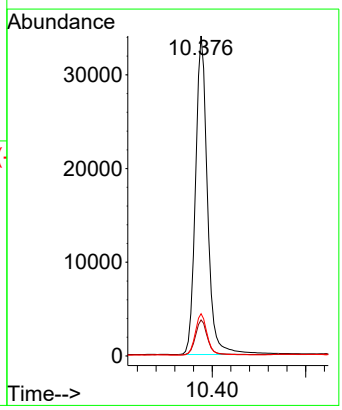


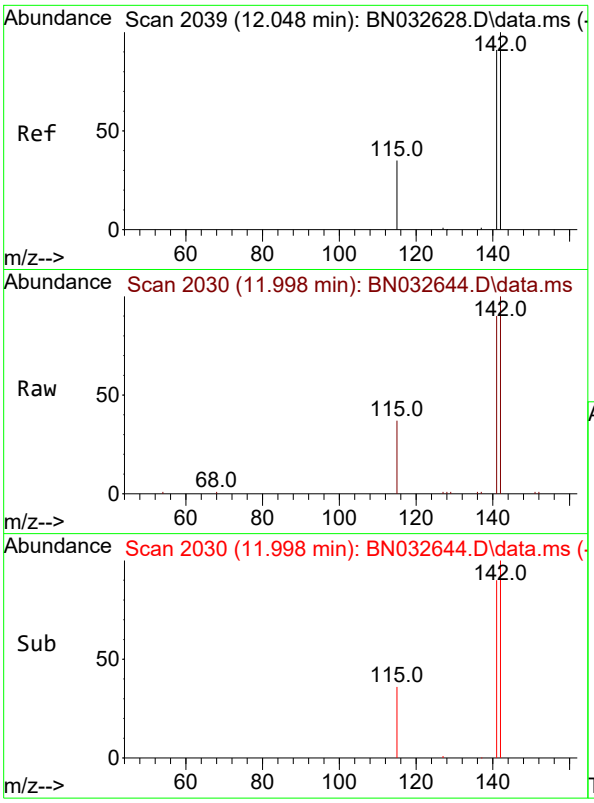


#5
Naphthalene
Concen: 1.021 ng/ul
RT: 10.376 min Scan# 1735
Delta R.T. -0.033 min
Lab File: BN032644.D
Acq: 11 Jul 2024 20:09

Tgt Ion:128 Resp: 61017

Ion	Ratio	Lower	Upper
128	100		
129	11.3	10.0	15.0
127	13.2	11.6	17.4



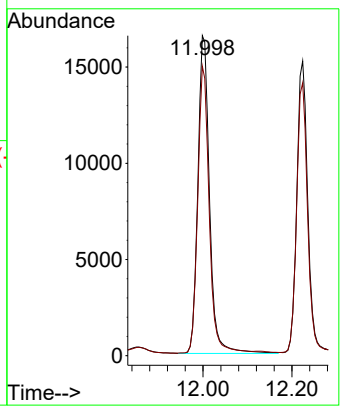


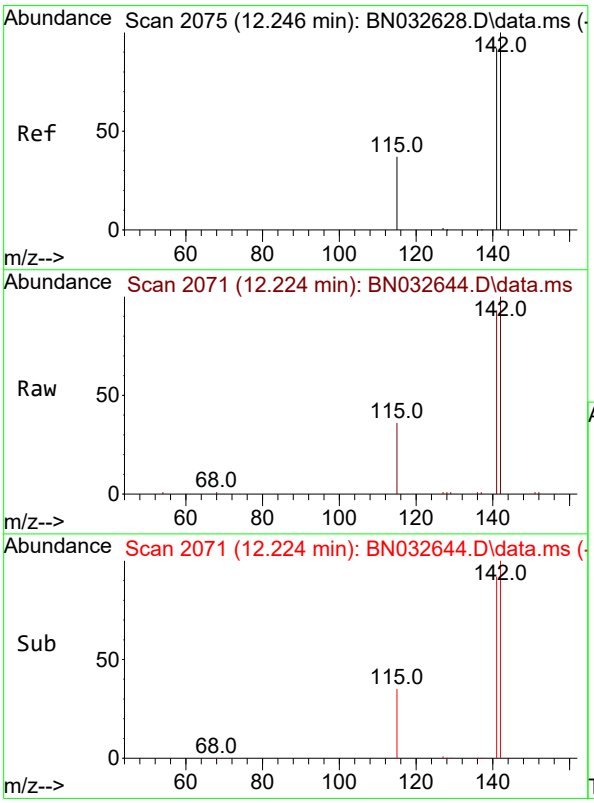
#7
2-Methylnaphthalene
Concen: 0.808 ng/ul
RT: 11.998 min Scan# 2
Delta R.T. -0.050 min
Lab File: BN032644.D
Acq: 11 Jul 2024 20:09

Instrument :
BNA_N
ClientSampleId :
A4CW2MSD

Tgt Ion:142 Resp: 30127

Ion	Ratio	Lower	Upper
142	100		
141	89.6	74.0	111.0

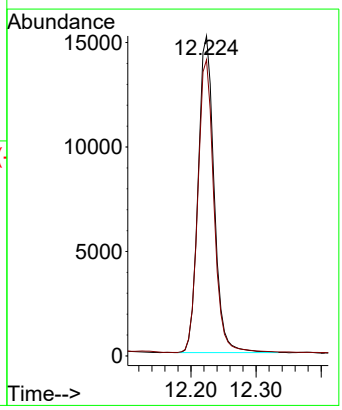


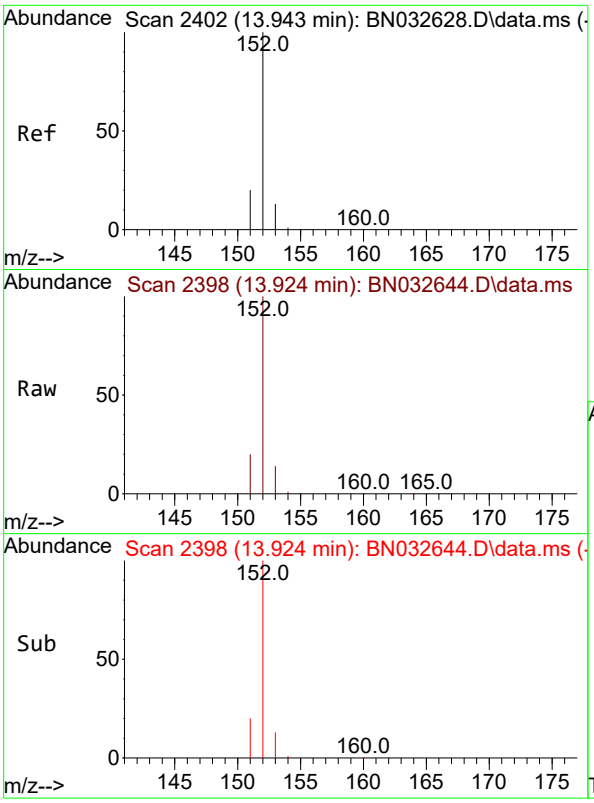


#8
1-Methylnaphthalene
Concen: 0.668 ng/ul
RT: 12.224 min Scan# 2071
Delta R.T. -0.022 min
Lab File: BN032644.D
Acq: 11 Jul 2024 20:09

Tgt Ion:142 Resp: 25775

Ion	Ratio	Lower	Upper
142	100		
141	92.9	75.0	112.4



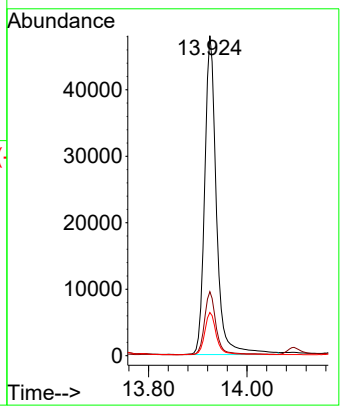


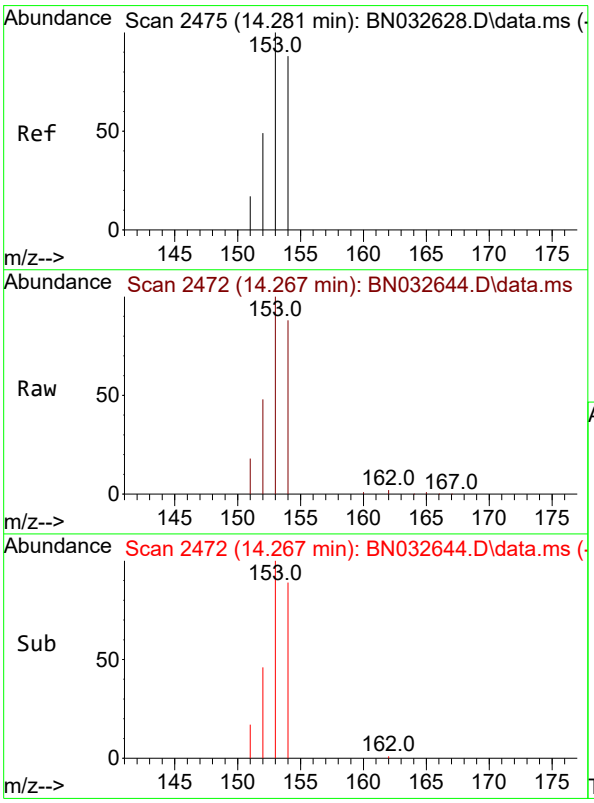
#10
Acenaphthylene
Concen: 1.589 ng/ul
RT: 13.924 min Scan# 2
Delta R.T. -0.019 min
Lab File: BN032644.D
Acq: 11 Jul 2024 20:09

Instrument :
BNA_N
ClientSampleId :
A4CW2MSD

Tgt Ion:152 Resp: 79279

Ion	Ratio	Lower	Upper
152	100		
151	20.0	16.3	24.5
153	13.5	11.3	16.9

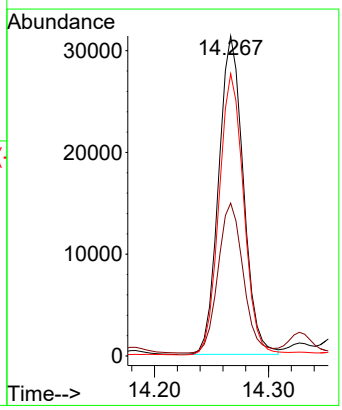


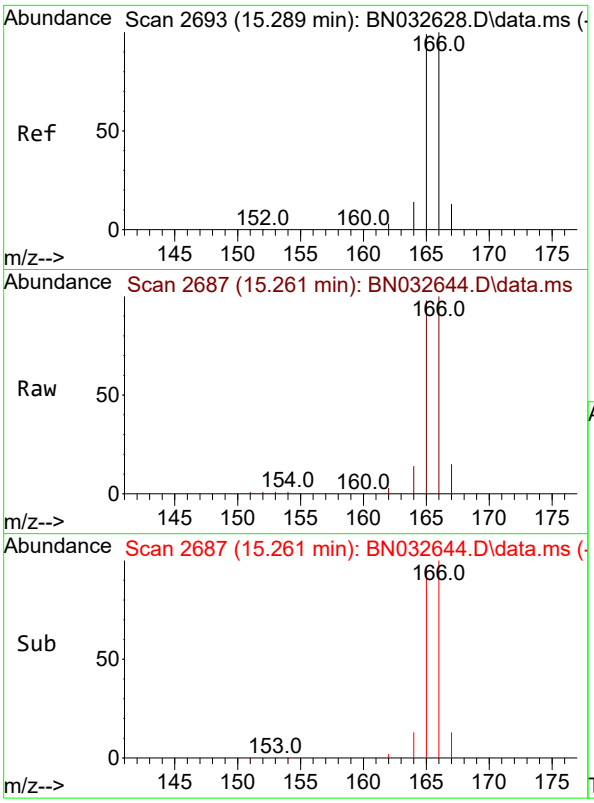


#11
Acenaphthene
Concen: 1.140 ng/ul
RT: 14.267 min Scan# 2472
Delta R.T. -0.014 min
Lab File: BN032644.D
Acq: 11 Jul 2024 20:09

Tgt Ion:153 Resp: 47052

Ion	Ratio	Lower	Upper
153	100		
152	47.8	40.0	60.0
154	88.2	70.2	105.4



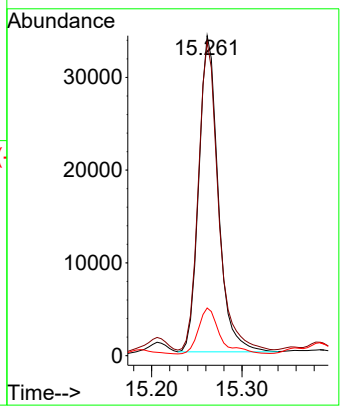


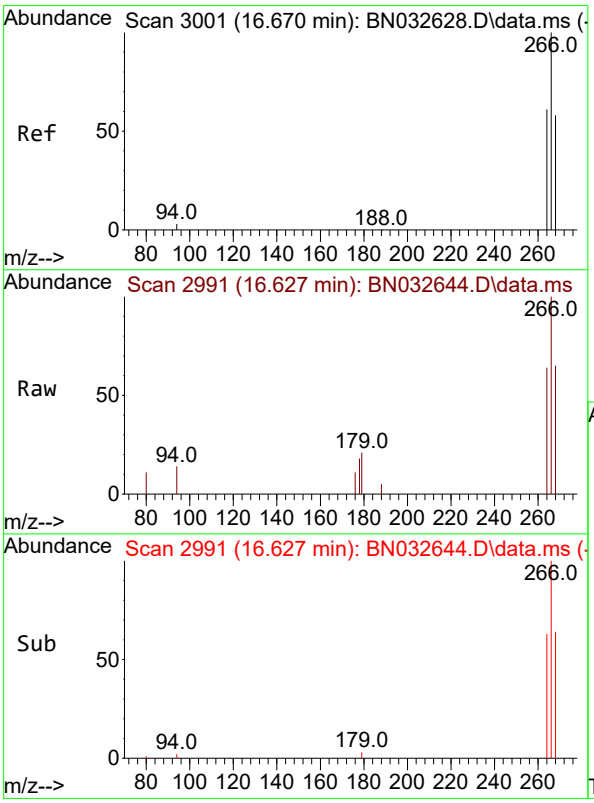
#12
Fluorene
Concen: 1.084 ng/ul
RT: 15.261 min Scan# 2
Delta R.T. -0.028 min
Lab File: BN032644.D
Acq: 11 Jul 2024 20:09

Instrument :
BNA_N
ClientSampleId :
A4CW2MSD

Tgt Ion:166 Resp: 51114

Ion	Ratio	Lower	Upper
166	100		
165	98.0	79.7	119.5
167	14.9	11.4	17.2

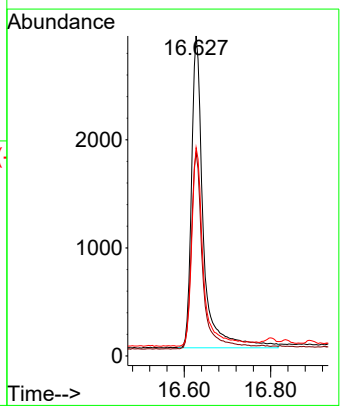


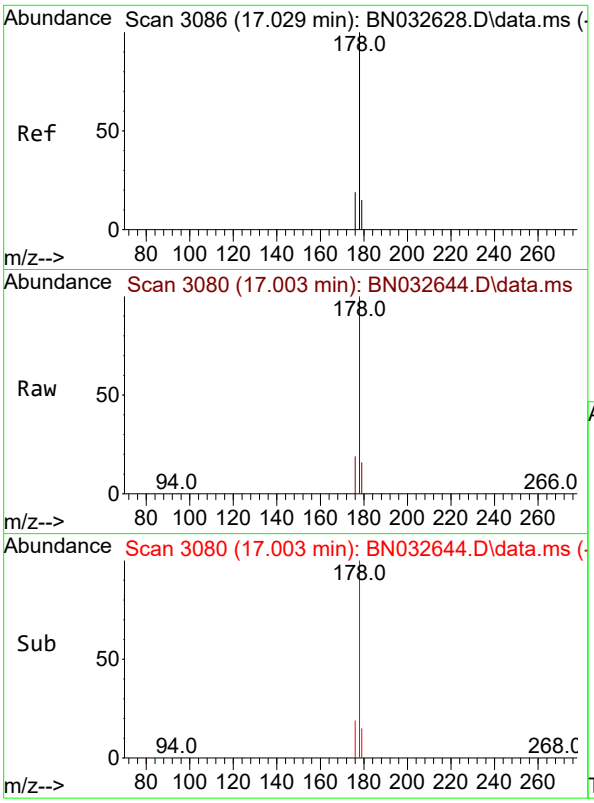


#14
Pentachlorophenol
Concen: 1.348 ng/ul
RT: 16.627 min Scan# 2991
Delta R.T. -0.042 min
Lab File: BN032644.D
Acq: 11 Jul 2024 20:09

Tgt Ion:266 Resp: 5477

Ion	Ratio	Lower	Upper
266	100		
264	63.4	49.4	74.2
268	63.5	51.6	77.4



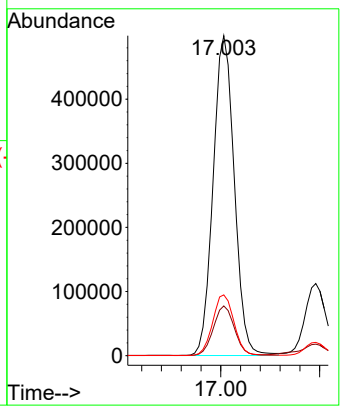


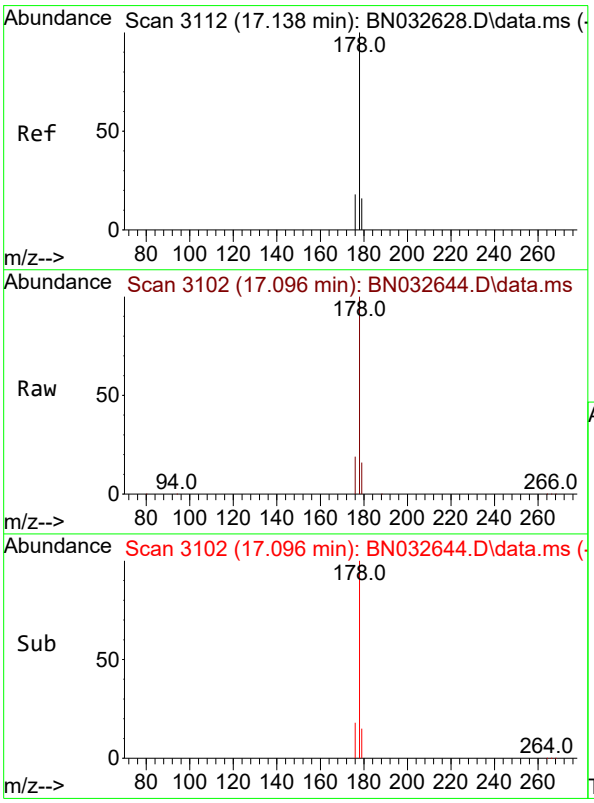
#15
Phenanthrene
Concen: 11.719 ng/ul
RT: 17.003 min Scan# 3
Delta R.T. -0.025 min
Lab File: BN032644.D
Acq: 11 Jul 2024 20:09

Instrument :
BNA_N
ClientSampleId :
A4CW2MSD

Tgt Ion:178 Resp: 738889

Ion	Ratio	Lower	Upper
178	100		
179	15.5	13.0	19.4
176	19.0	15.6	23.4

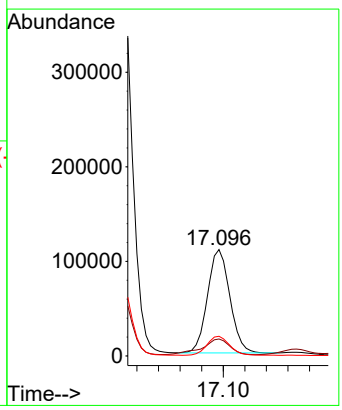


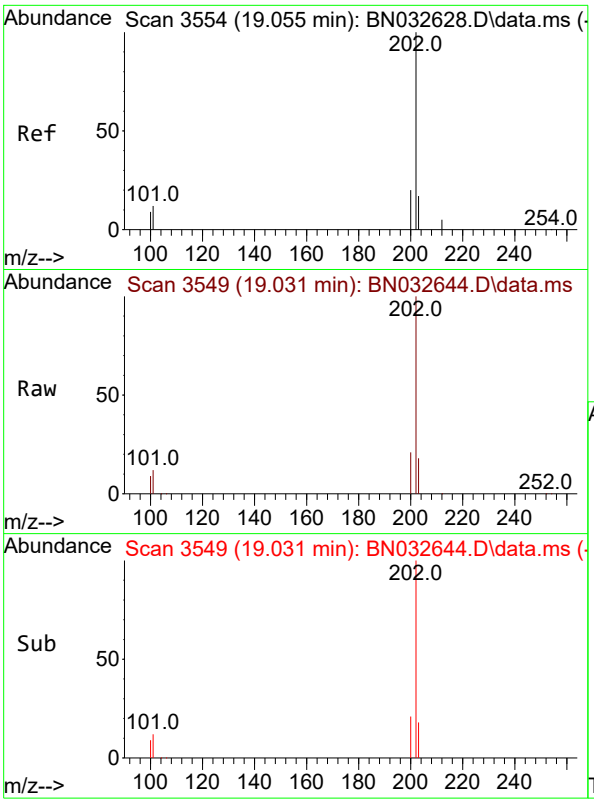


#16
Anthracene
Concen: 3.053 ng/ul
RT: 17.096 min Scan# 3102
Delta R.T. -0.042 min
Lab File: BN032644.D
Acq: 11 Jul 2024 20:09

Tgt Ion:178 Resp: 157239

Ion	Ratio	Lower	Upper
178	100		
179	15.9	13.4	20.2
176	18.5	15.4	23.0



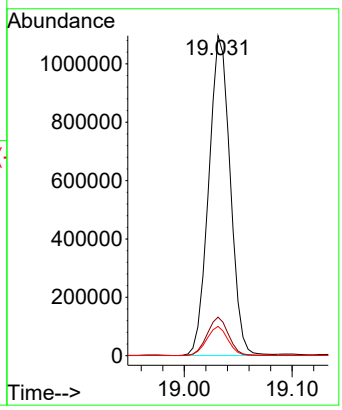


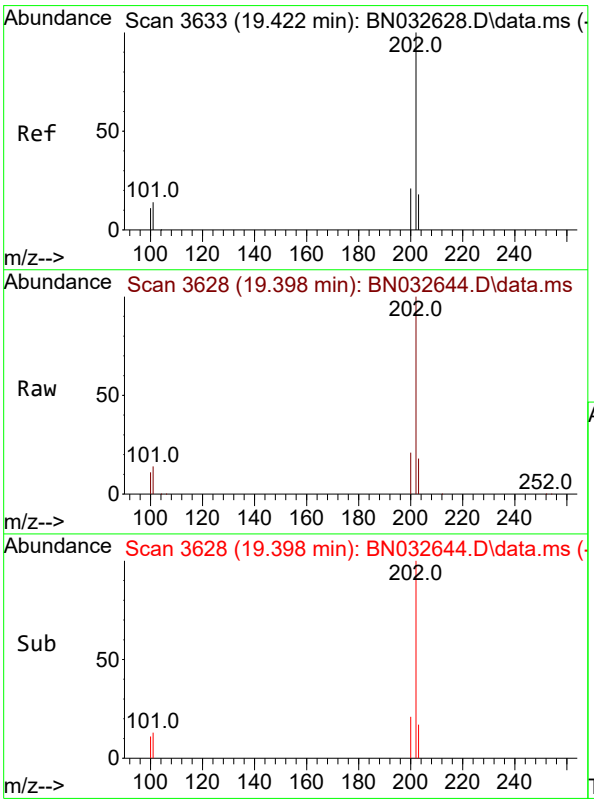
#19
Fluoranthene
Concen: 27.153 ng/ul
RT: 19.031 min Scan# 3
Delta R.T. -0.023 min
Lab File: BN032644.D
Acq: 11 Jul 2024 20:09

Instrument :
BNA_N
ClientSampleId :
A4CW2MSD

Tgt Ion:202 Resp: 1518659

Ion	Ratio	Lower	Upper
202	100		
101	12.1	9.8	14.8
100	9.2	7.9	11.9

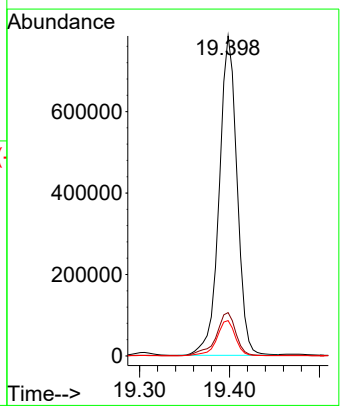


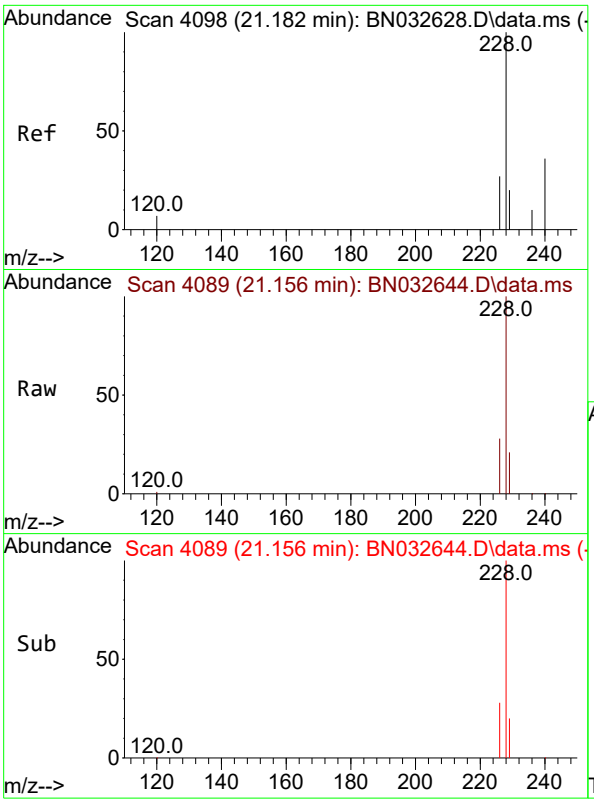


#20
Pyrene
Concen: 18.676 ng/ul
RT: 19.398 min Scan# 3628
Delta R.T. -0.023 min
Lab File: BN032644.D
Acq: 11 Jul 2024 20:09

Tgt Ion:202 Resp: 1081173

Ion	Ratio	Lower	Upper
202	100		
101	13.6	11.8	17.6
100	11.0	9.6	14.4



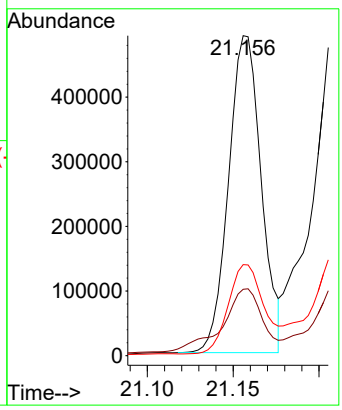


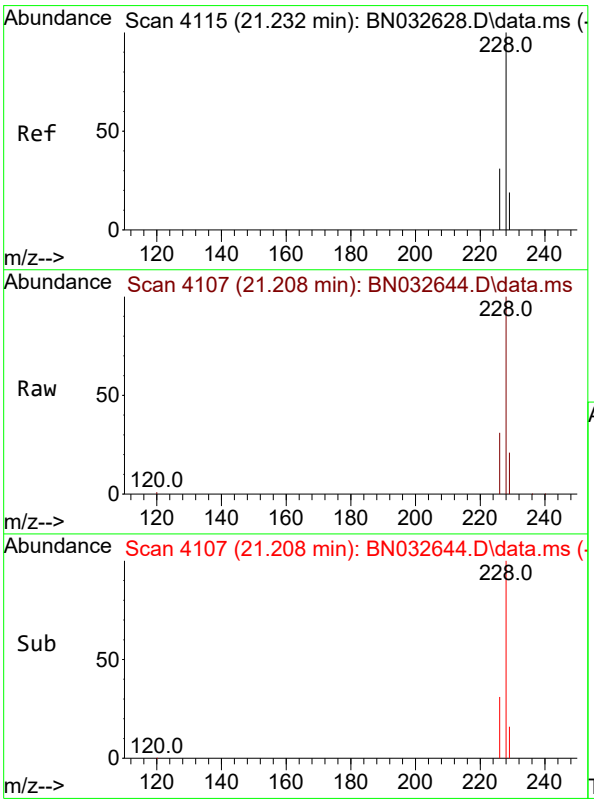
#21
Benzo(a)anthracene
Concen: 14.866 ng/ul
RT: 21.156 min Scan# 4
Delta R.T. -0.026 min
Lab File: BN032644.D
Acq: 11 Jul 2024 20:09

Instrument :
BNA_N
ClientSampleId :
A4CW2MSD

Tgt Ion:228 Resp: 650940

Ion	Ratio	Lower	Upper
228	100		
229	20.8	16.1	24.1
226	28.4	21.9	32.9

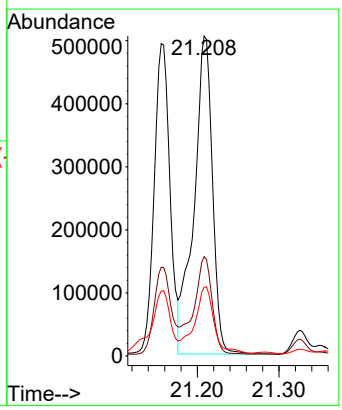


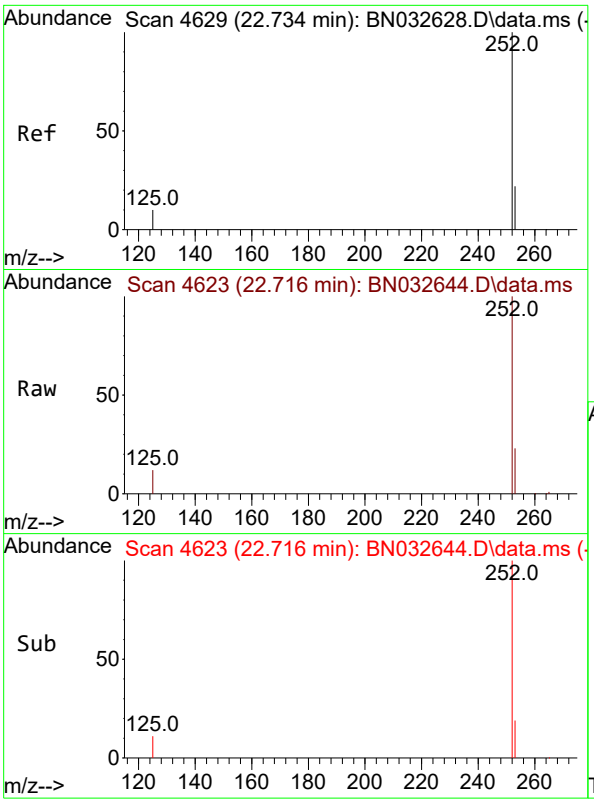


#22
Chrysene
Concen: 12.534 ng/ul
RT: 21.208 min Scan# 4107
Delta R.T. -0.024 min
Lab File: BN032644.D
Acq: 11 Jul 2024 20:09

Tgt Ion:228 Resp: 793922

Ion	Ratio	Lower	Upper
228	100		
226	31.1	24.0	36.0
229	21.5	15.8	23.6



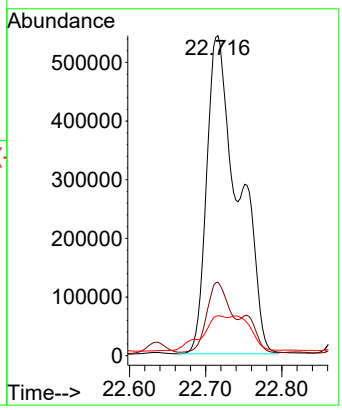


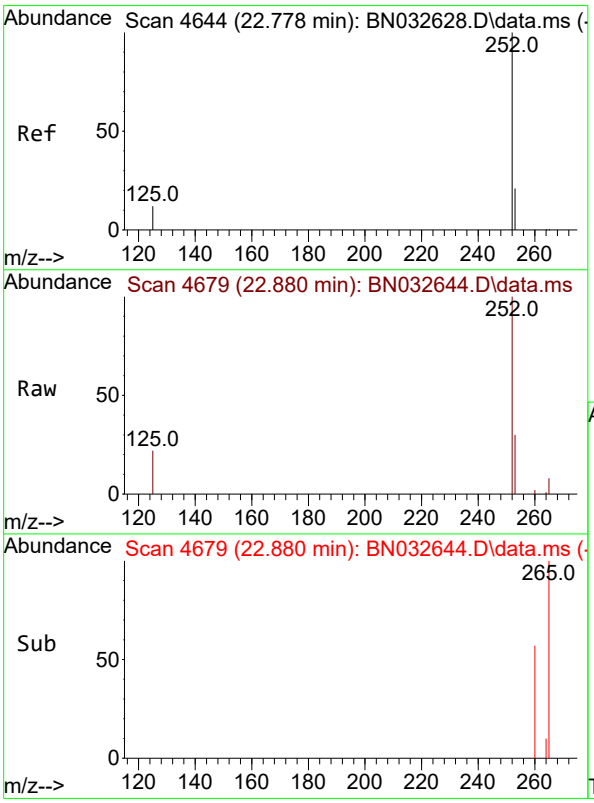
#24
Benzo(b)fluoranthene
Concen: 22.800 ng/ul
RT: 22.716 min Scan# 4
Delta R.T. -0.018 min
Lab File: BN032644.D
Acq: 11 Jul 2024 20:09

Instrument :
BNA_N
ClientSampleId :
A4CW2MSD

Tgt Ion:252 Resp: 1570104

Ion	Ratio	Lower	Upper
252	100		
253	23.0	0.0	54.0
125	12.5	0.0	36.0

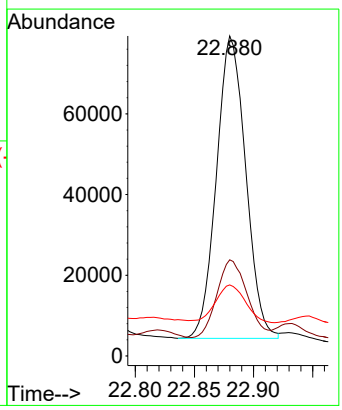


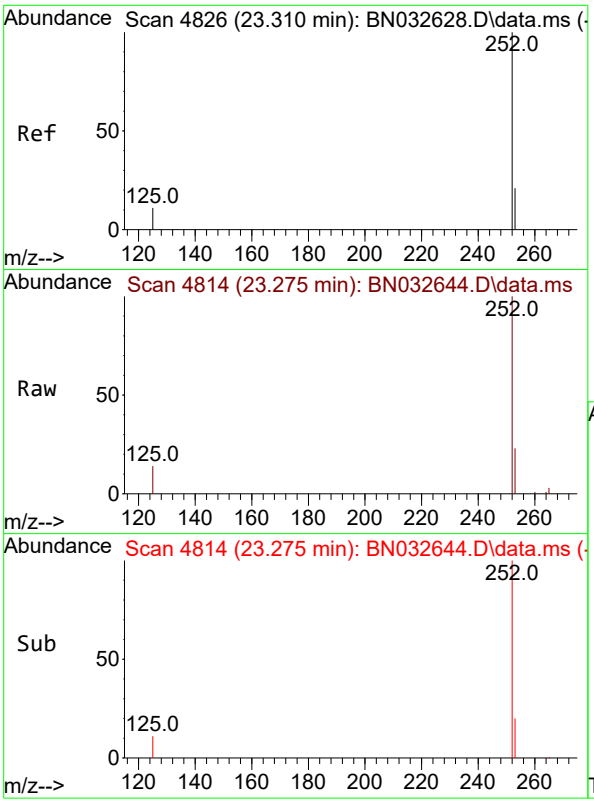


#25
Benzo(k)fluoranthene
Concen: 1.536 ng/ul
RT: 22.880 min Scan# 4679
Delta R.T. 0.102 min
Lab File: BN032644.D
Acq: 11 Jul 2024 20:09

Tgt Ion:252 Resp: 128877

Ion	Ratio	Lower	Upper
252	100		
253	30.0	21.2	31.8
125	22.2	14.8	22.2



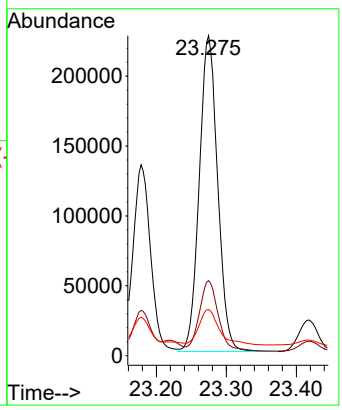


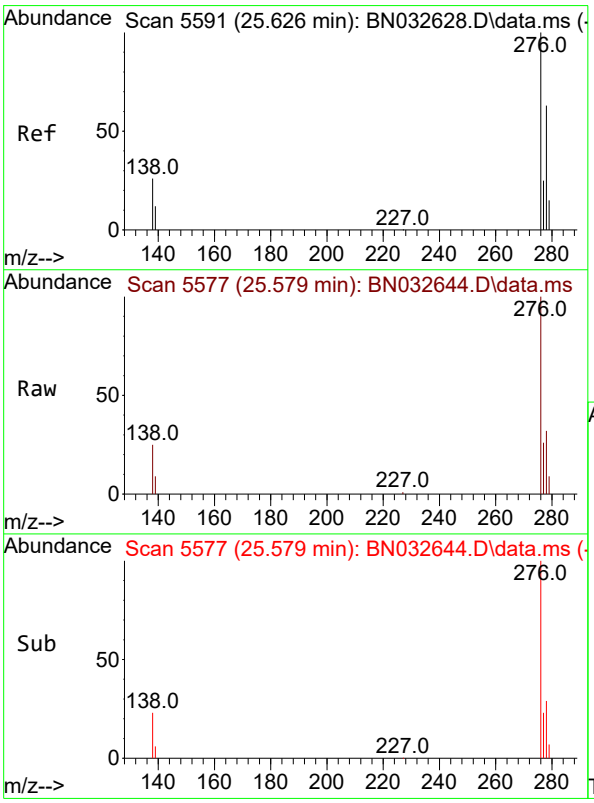
#26
Benzo(a)pyrene
Concen: 6.910 ng/ul
RT: 23.275 min Scan# 4
Delta R.T. -0.035 min
Lab File: BN032644.D
Acq: 11 Jul 2024 20:09

Instrument :
BNA_N
ClientSampleId :
A4CW2MSD

Tgt Ion:252 Resp: 411813

Ion	Ratio	Lower	Upper
252	100		
253	23.4	25.4	38.0#
125	14.5	20.6	30.8#

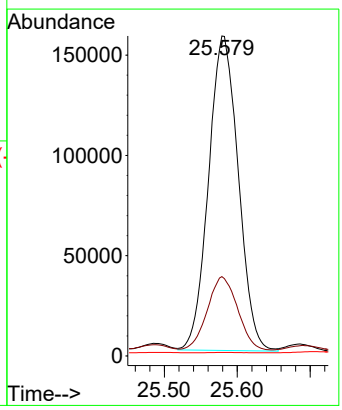


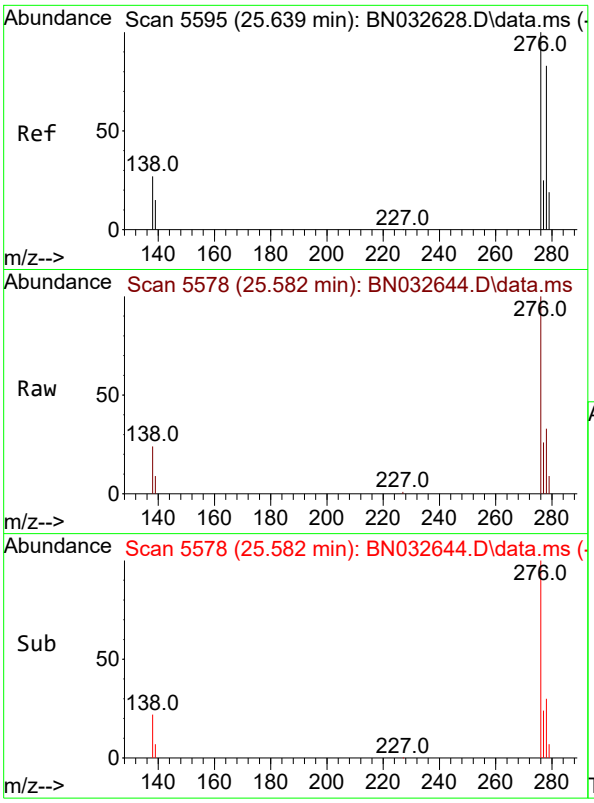


#27
Indeno(1,2,3-cd)pyrene
Concen: 5.508 ng/ul
RT: 25.579 min Scan# 5577
Delta R.T. -0.047 min
Lab File: BN032644.D
Acq: 11 Jul 2024 20:09

Tgt Ion:276 Resp: 444434

Ion	Ratio	Lower	Upper
276	100		
138	23.7	21.6	32.4
227	0.2	0.0	0.0#



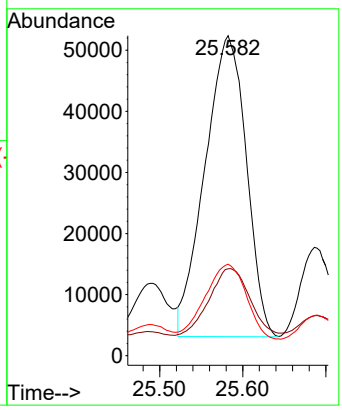


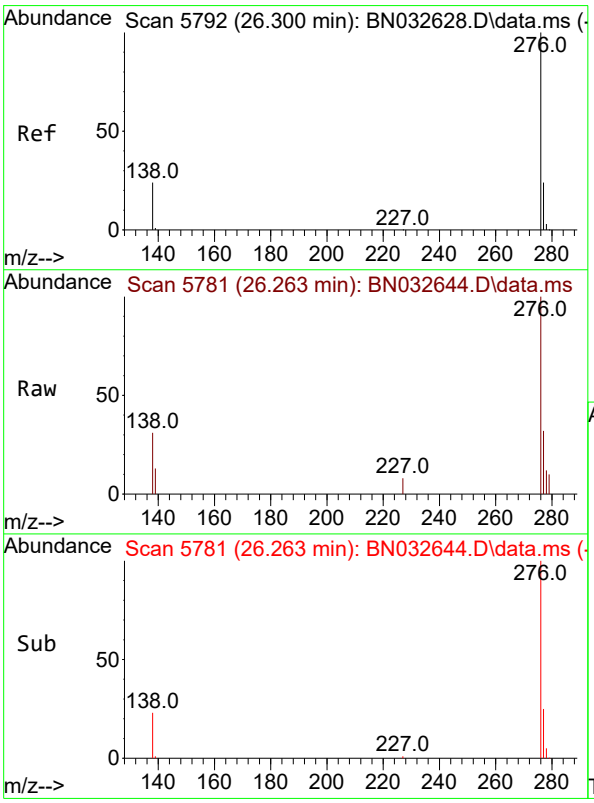
#28
Dibenzo(a,h)anthracene
Concen: 2.724 ng/ul
RT: 25.582 min Scan# 5
Delta R.T. -0.057 min
Lab File: BN032644.D
Acq: 11 Jul 2024 20:09

Instrument :
BNA_N
ClientSampleId :
A4CW2MSD

Tgt Ion:278 Resp: 170369

Ion	Ratio	Lower	Upper
278	100		
139	27.2	16.6	24.8#
279	28.6	23.7	35.5





#29
Benzo(g,h,i)perylene
Concen: 0.951 ng/ul
RT: 26.263 min Scan# 5781
Delta R.T. -0.037 min
Lab File: BN032644.D
Acq: 11 Jul 2024 20:09

Tgt Ion:276 Resp: 64141

Ion	Ratio	Lower	Upper
276	100		
138	31.4	21.0	31.4
277	31.9	20.6	31.0#