Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
Data File : BN032710.D
Acq On : 13 Jul 2024 15:07
Operator : MA/JU
Sample : PB161927BS
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SLCS927

Quant Time: Jul 15 08:57:31 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	7.553	152	5389	0.400	ng/ul	-0.03
4) Naphthalene-d8	10.321	136	16388	0.400	ng/ul	-0.04
9) Acenaphthene-d10	14.197	164	8288	0.400	ng/ul	-0.02
13) Phenanthrene-d10	16.961	188	15478	0.400	ng/ul	-0.03
17) Chrysene-d12	21.173	240	14130	0.400	ng/ul	-0.02
23) Perylene-d12	23.371	264	17328	0.400	ng/ul	-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.101	96	6931	1.071	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.922	152	15731	0.635	ng/ul	-0.05
18) Fluoranthene-d10	18.999	212	28956	0.629	ng/ul	-0.03
Target Compounds						Qvalue
2) 1,4-Dioxane	3.135	88	19562	2.654	ng/ul	91
5) Naphthalene	10.371	128	28818	0.655	ng/ul	98
7) 2-Methylnaphthalene	11.999	142	17684	0.644	ng/ul	98
8) 1-Methylnaphthalene	12.219	142	17584	0.619	ng/ul	99
10) Acenaphthylene	13.920	152	24906	0.744	ng/ul	99
11) Acenaphthene	14.262	153	18313	0.661	ng/ul	98
12) Fluorene	15.262	166	18842	0.595	ng/ul	98
14) Pentachlorophenol	16.632	266	5023	1.850	ng/ul	99
15) Phenanthrene	17.003	178	27168	0.645	ng/ul	99
16) Anthracene	17.100	178	26191	0.761	ng/ul	99
19) Fluoranthene	19.031	202	34464	0.600	ng/ul	99
20) Pyrene	19.398	202	36880	0.620	ng/ul	99
21) Benzo(a)anthracene	21.159	228	36087	0.802	ng/ul	98
22) Chrysene	21.211	228	39313	0.604	ng/ul	98
24) Benzo(b)fluoranthene	22.710	252	38750	0.634	ng/ul	98
25) Benzo(k)fluoranthene	22.754	252	41982	0.563	ng/ul	98
26) Benzo(a)pyrene	23.275	252	38958	0.736	ng/ul	95
27) Indeno(1,2,3-cd)pyrene	25.579	276	51389	0.717	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.586	278	40351	0.727	ng/ul	95
29) Benzo(g,h,i)perylene	26.256	276	40210	0.672	ng/ul	99

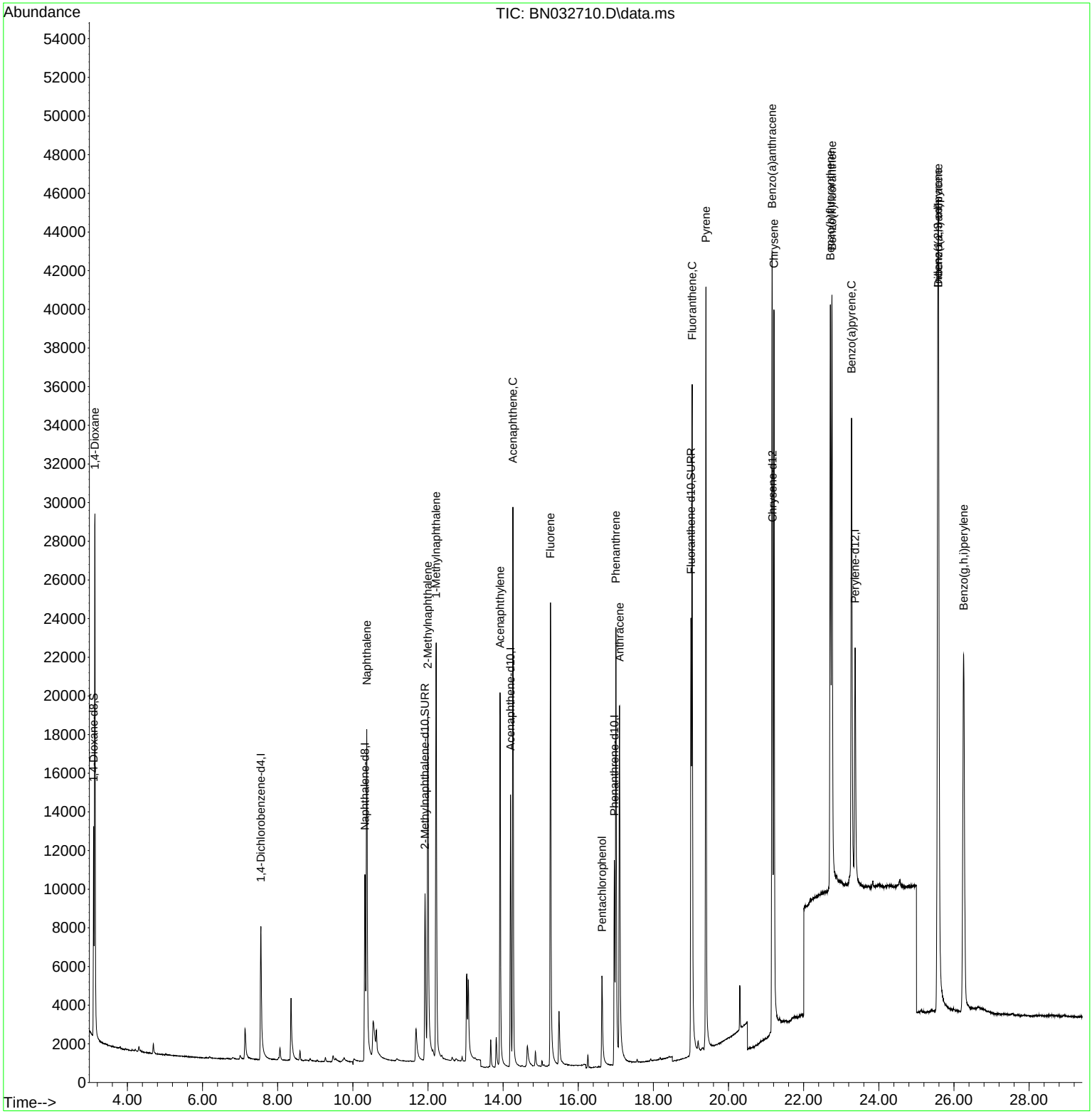
(#) = qualifier out of range (m) = manual integration (+) = signals summed

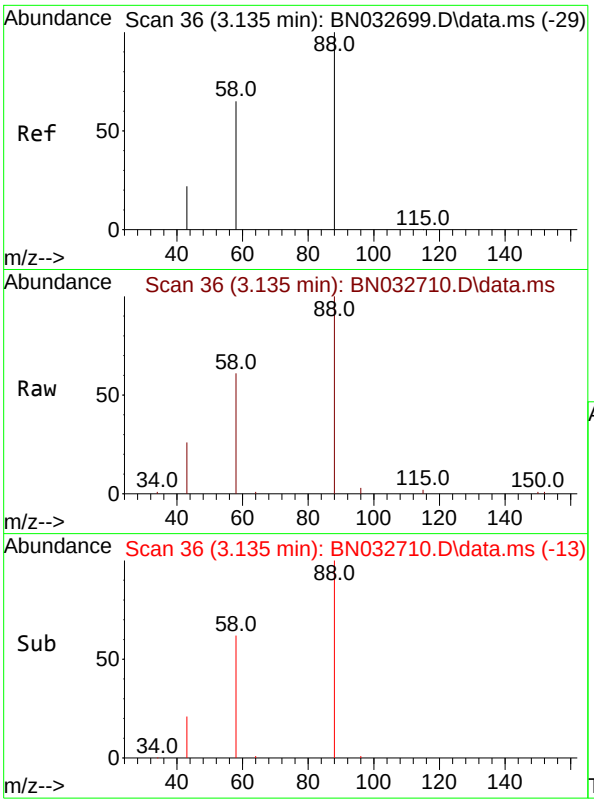
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
Data File : BN032710.D
Acq On : 13 Jul 2024 15:07
Operator : MA/JU
Sample : PB161927BS
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SLCS927

Quant Time: Jul 15 08:57:31 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



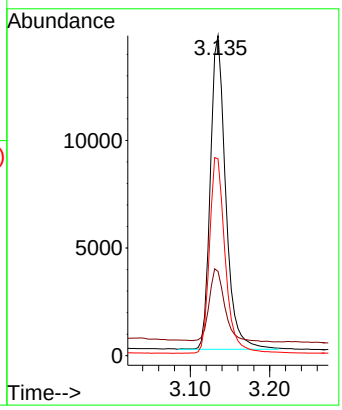


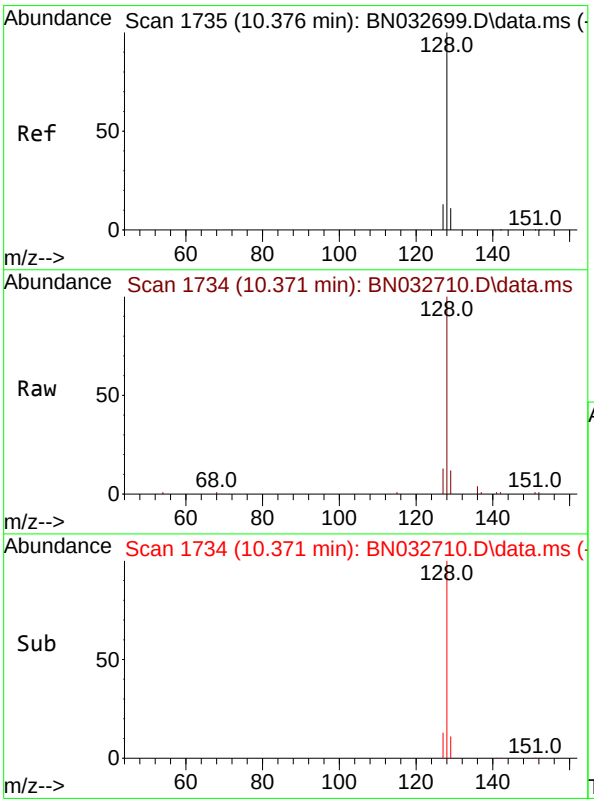
#2
1,4-Dioxane
Concen: 2.654 ng/ul
RT: 3.135 min Scan# 3
Delta R.T. -0.004 min
Lab File: BN032710.D
Acq: 13 Jul 2024 15:07

Instrument :
BNA_N
ClientSampleId :
SLCS927

Tgt Ion: 88 Resp: 19562

Ion	Ratio	Lower	Upper
88	100		
43	26.3	24.0	36.0
58	61.5	43.3	64.9

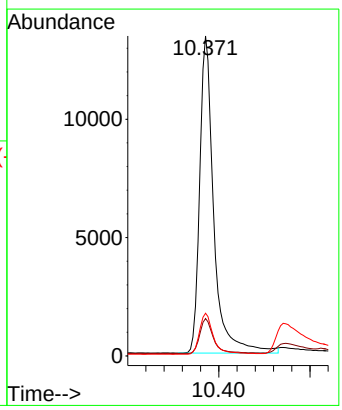


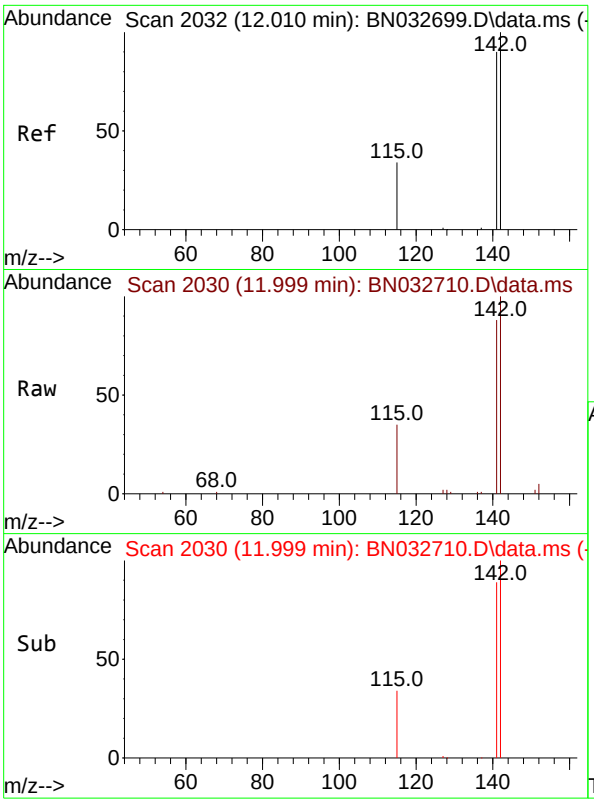


#5
Naphthalene
Concen: 0.655 ng/ul
RT: 10.371 min Scan# 1734
Delta R.T. -0.039 min
Lab File: BN032710.D
Acq: 13 Jul 2024 15:07

Tgt Ion:128 Resp: 28818

Ion	Ratio	Lower	Upper
128	100		
129	11.7	10.0	15.0
127	13.3	11.6	17.4



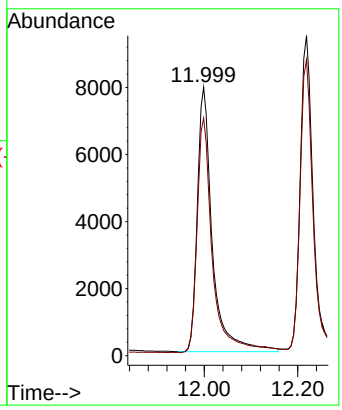


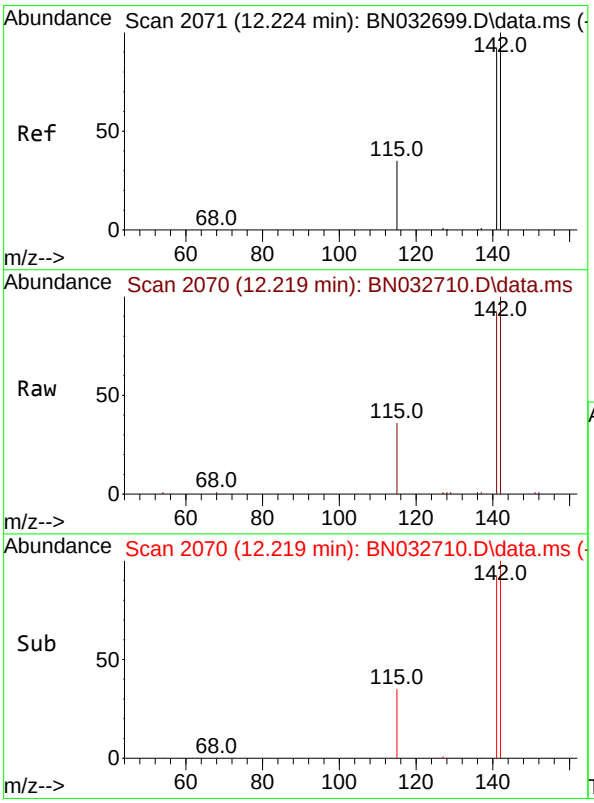
#7
2-Methylnaphthalene
Concen: 0.644 ng/ul
RT: 11.999 min Scan# 2
Delta R.T. -0.050 min
Lab File: BN032710.D
Acq: 13 Jul 2024 15:07

Instrument :
BNA_N
ClientSampleId :
SLCS927

Tgt Ion:142 Resp: 17684

Ion	Ratio	Lower	Upper
142	100		
141	90.9	74.0	111.0

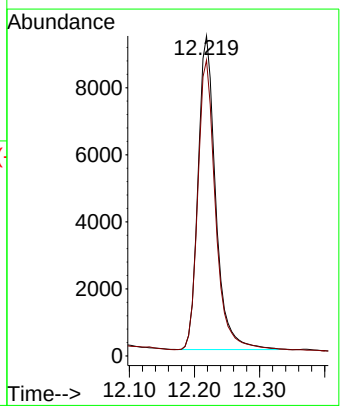


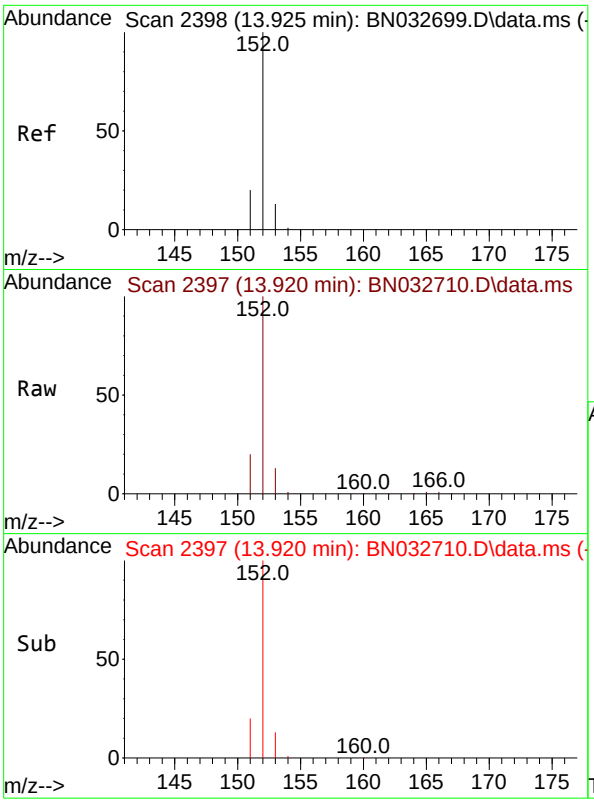


#8
1-Methylnaphthalene
Concen: 0.619 ng/ul
RT: 12.219 min Scan# 2070
Delta R.T. -0.028 min
Lab File: BN032710.D
Acq: 13 Jul 2024 15:07

Tgt Ion:142 Resp: 17584

Ion	Ratio	Lower	Upper
142	100		
141	92.8	75.0	112.4



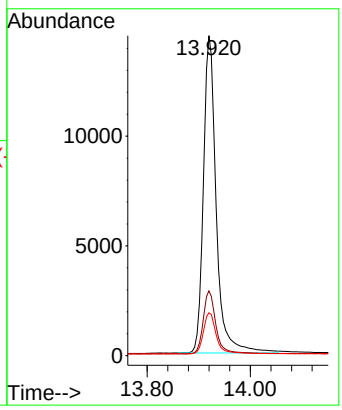


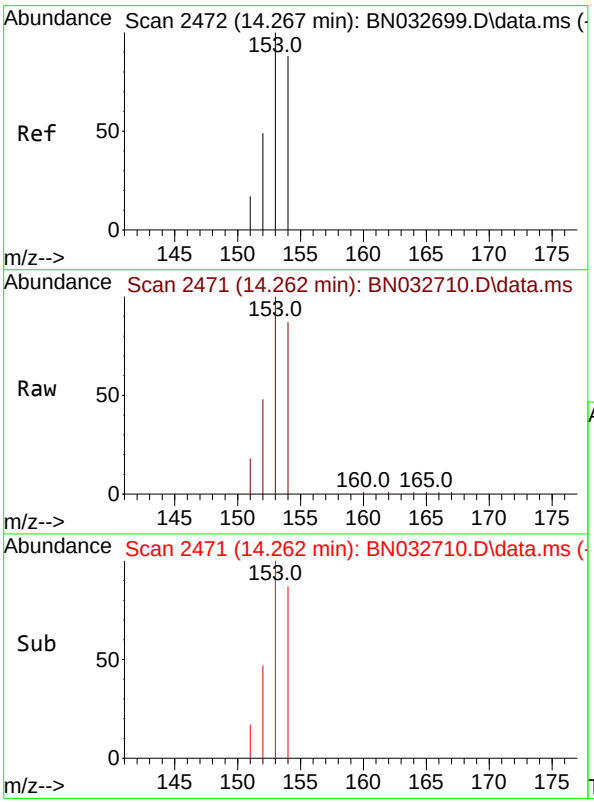
#10
Acenaphthylene
Concen: 0.744 ng/ul
RT: 13.920 min Scan# 2
Delta R.T. -0.023 min
Lab File: BN032710.D
Acq: 13 Jul 2024 15:07

Instrument :
BNA_N
ClientSampleId :
SLCS927

Tgt Ion:152 Resp: 24906

Ion	Ratio	Lower	Upper
152	100		
151	20.3	16.3	24.5
153	13.4	11.3	16.9

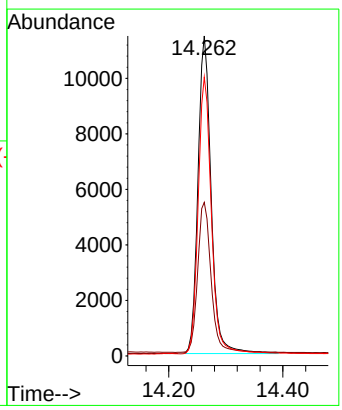


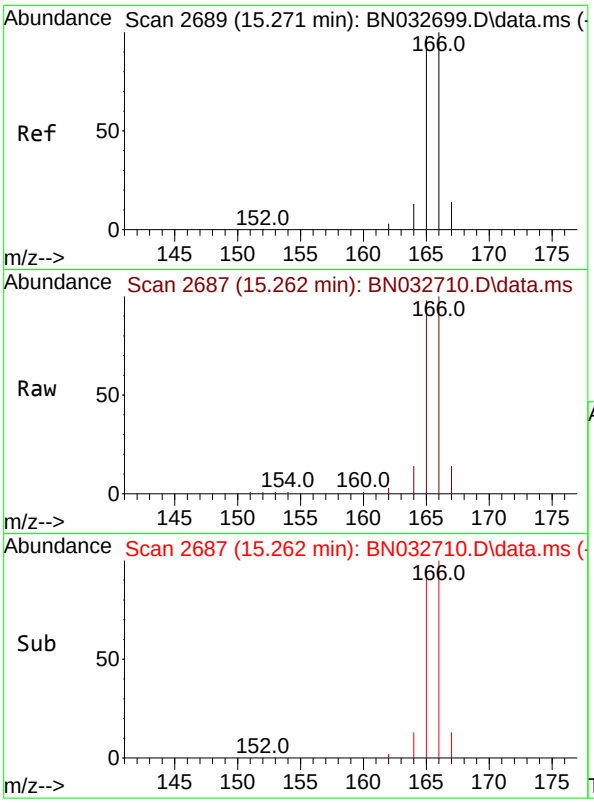


#11
Acenaphthene
Concen: 0.661 ng/ul
RT: 14.262 min Scan# 2471
Delta R.T. -0.019 min
Lab File: BN032710.D
Acq: 13 Jul 2024 15:07

Tgt Ion:153 Resp: 18313

Ion	Ratio	Lower	Upper
153	100		
152	48.0	40.0	60.0
154	87.2	70.2	105.4



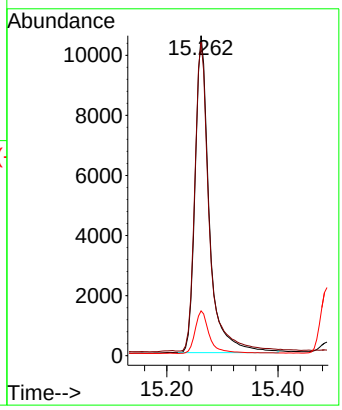


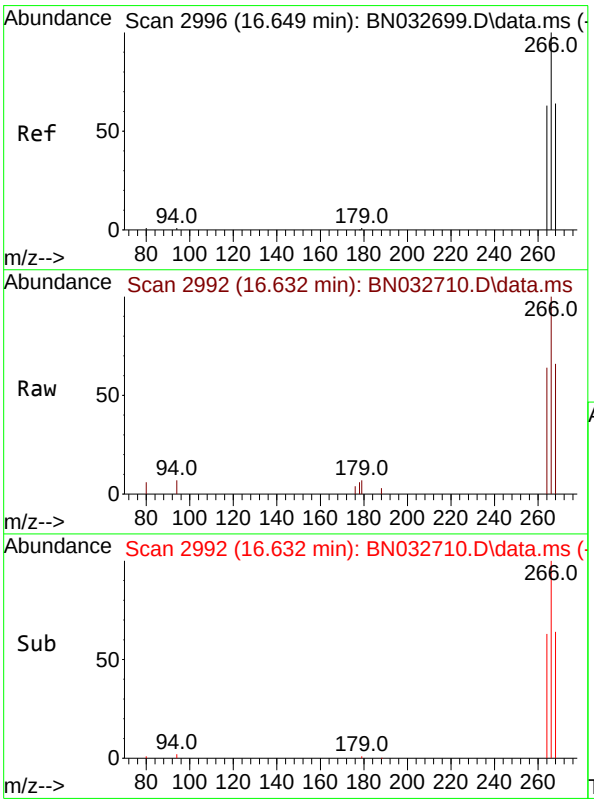
#12
Fluorene
Concen: 0.595 ng/ul
RT: 15.262 min Scan# 2
Delta R.T. -0.028 min
Lab File: BN032710.D
Acq: 13 Jul 2024 15:07

Instrument :
BNA_N
ClientSampleId :
SLCS927

Tgt Ion:166 Resp: 18842

Ion	Ratio	Lower	Upper
166	100		
165	98.0	79.7	119.5
167	14.0	11.4	17.2

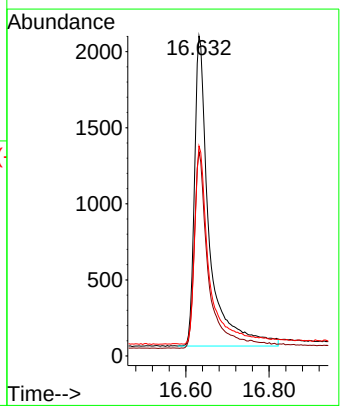


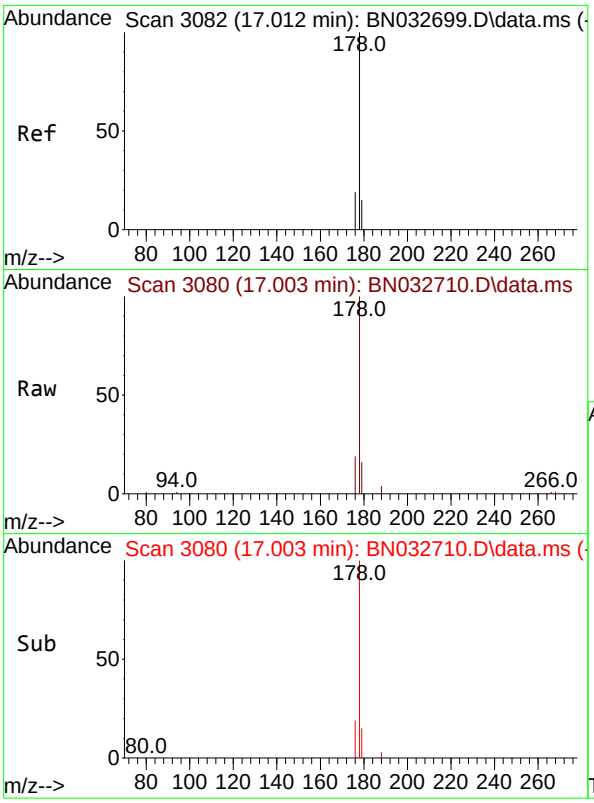


#14
Pentachlorophenol
Concen: 1.850 ng/ul
RT: 16.632 min Scan# 2992
Delta R.T. -0.038 min
Lab File: BN032710.D
Acq: 13 Jul 2024 15:07

Tgt Ion:266 Resp: 5023

Ion	Ratio	Lower	Upper
266	100		
264	62.4	49.4	74.2
268	64.0	51.6	77.4



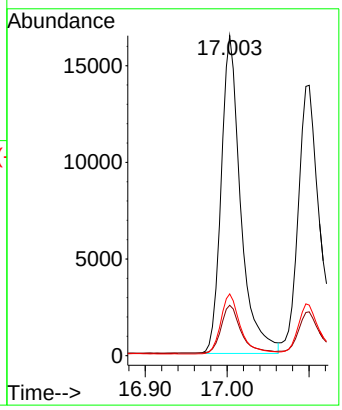


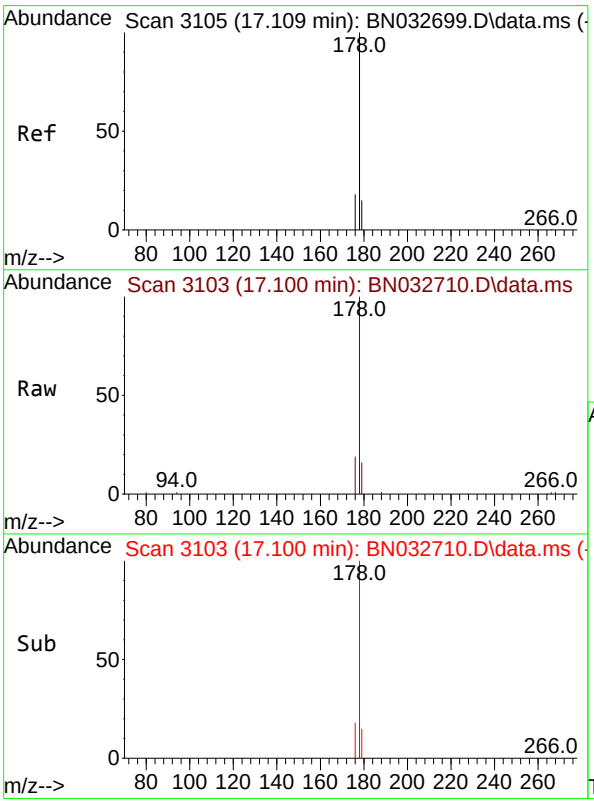
#15
Phenanthrene
Concen: 0.645 ng/ul
RT: 17.003 min Scan# 3
Delta R.T. -0.025 min
Lab File: BN032710.D
Acq: 13 Jul 2024 15:07

Instrument :
BNA_N
ClientSampleId :
SLCS927

Tgt Ion:178 Resp: 27168

Ion	Ratio	Lower	Upper
178	100		
179	15.8	13.0	19.4
176	19.3	15.6	23.4

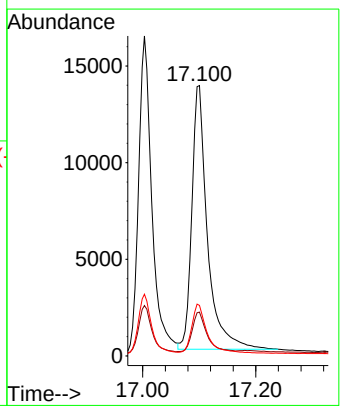


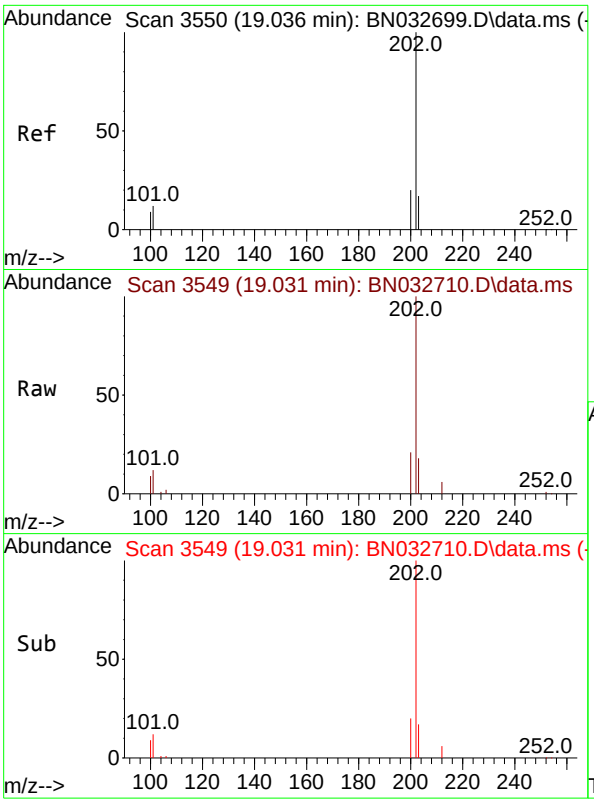


#16
Anthracene
Concen: 0.761 ng/ul
RT: 17.100 min Scan# 3103
Delta R.T. -0.038 min
Lab File: BN032710.D
Acq: 13 Jul 2024 15:07

Tgt Ion:178 Resp: 26191

Ion	Ratio	Lower	Upper
178	100		
179	16.2	13.4	20.2
176	18.7	15.4	23.0



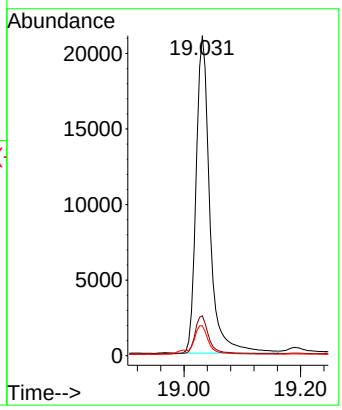


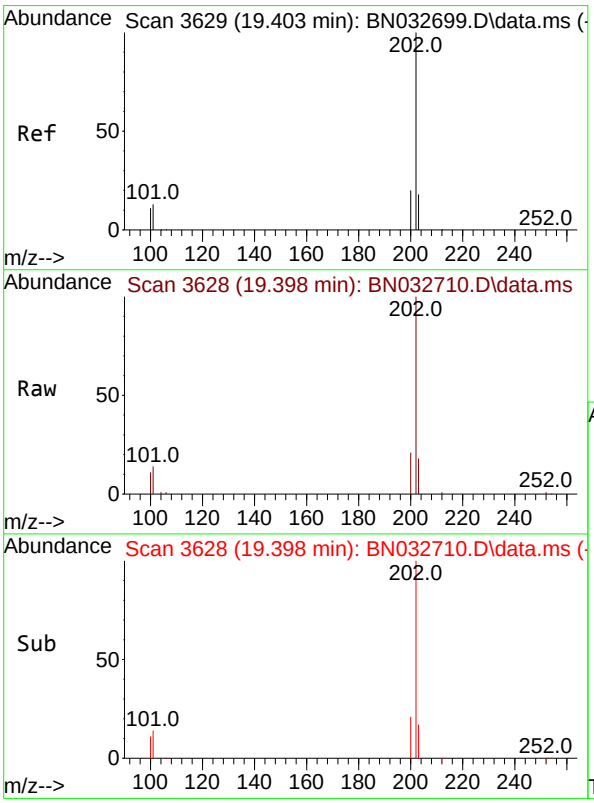
#19
Fluoranthene
Concen: 0.600 ng/ul
RT: 19.031 min Scan# 3
Delta R.T. -0.023 min
Lab File: BN032710.D
Acq: 13 Jul 2024 15:07

Instrument :
BNA_N
ClientSampleId :
SLCS927

Tgt Ion:202 Resp: 34464

Ion	Ratio	Lower	Upper
202	100		
101	12.4	9.8	14.8
100	9.3	7.9	11.9

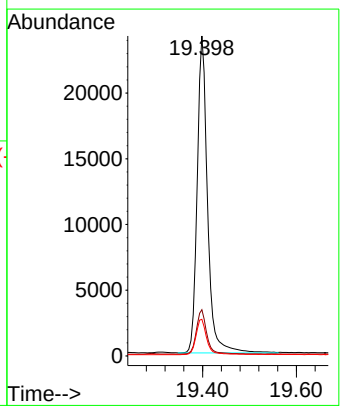


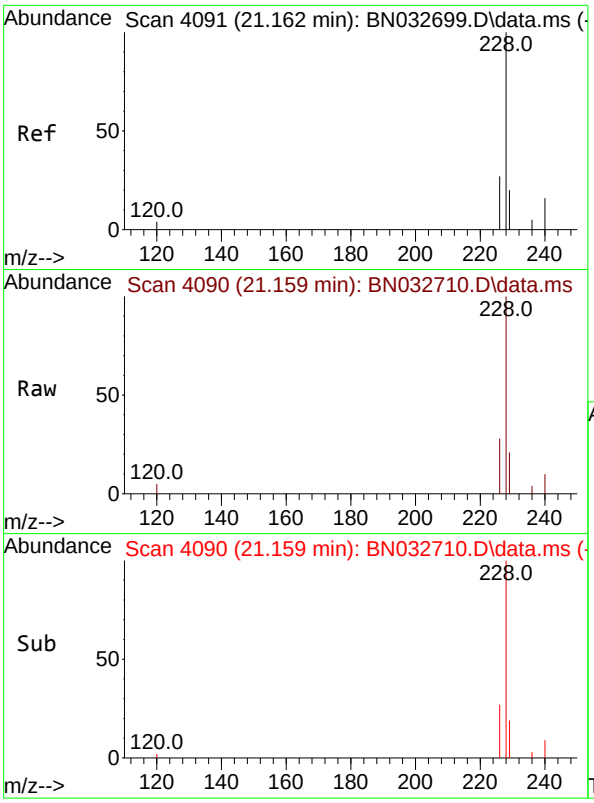


#20
Pyrene
Concen: 0.620 ng/ul
RT: 19.398 min Scan# 3628
Delta R.T. -0.023 min
Lab File: BN032710.D
Acq: 13 Jul 2024 15:07

Tgt Ion:202 Resp: 36880

Ion	Ratio	Lower	Upper
202	100		
101	14.5	11.8	17.6
100	11.4	9.6	14.4



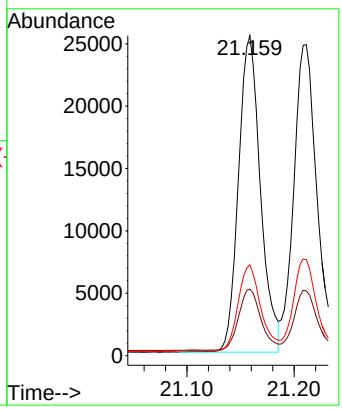


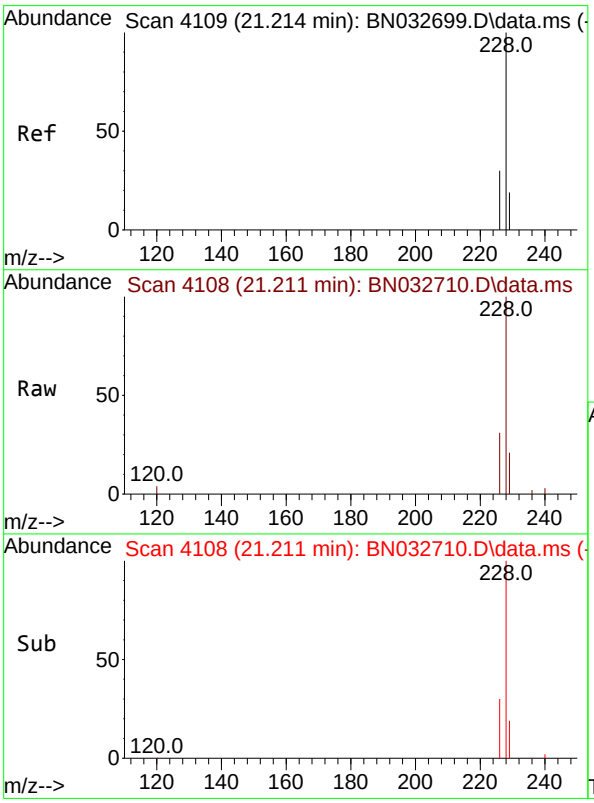
#21
Benzo(a)anthracene
Concen: 0.802 ng/ul
RT: 21.159 min Scan# 4
Delta R.T. -0.023 min
Lab File: BN032710.D
Acq: 13 Jul 2024 15:07

Instrument :
BNA_N
ClientSampleId :
SLCS927

Tgt Ion:228 Resp: 36087

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

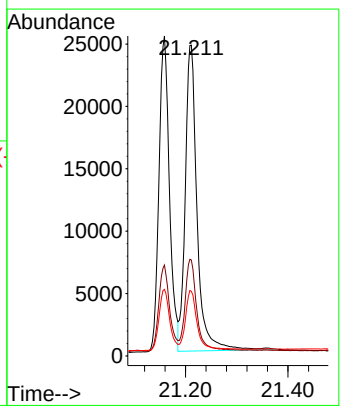


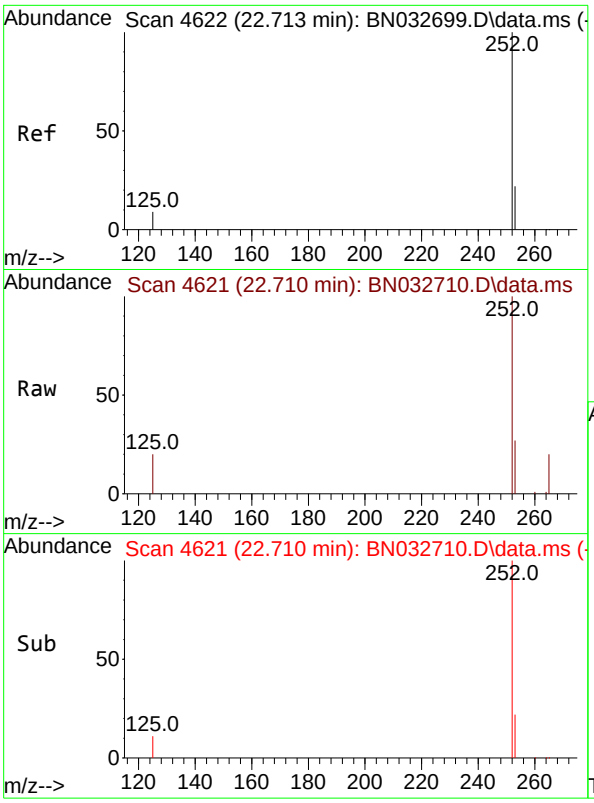


#22
Chrysene
Concen: 0.604 ng/ul
RT: 21.211 min Scan# 4108
Delta R.T. -0.021 min
Lab File: BN032710.D
Acq: 13 Jul 2024 15:07

Tgt Ion:228 Resp: 39313

Ion	Ratio	Lower	Upper
228	100		
226	30.9	24.0	36.0
229	20.8	15.8	23.6



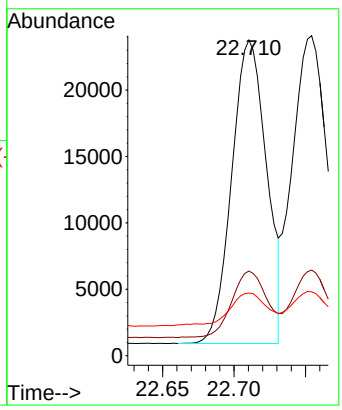


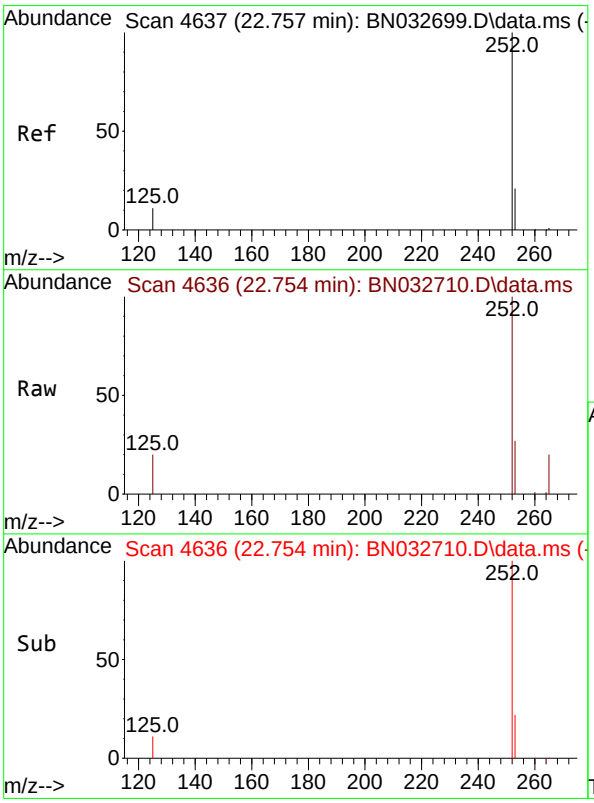
#24
Benzo(b)fluoranthene
Concen: 0.634 ng/ul
RT: 22.710 min Scan# 4
Delta R.T. -0.023 min
Lab File: BN032710.D
Acq: 13 Jul 2024 15:07

Instrument :
BNA_N
ClientSampleId :
SLCS927

Tgt Ion:252 Resp: 38750

Ion	Ratio	Lower	Upper
252	100		
253	26.8	0.0	54.0
125	19.8	0.0	36.0

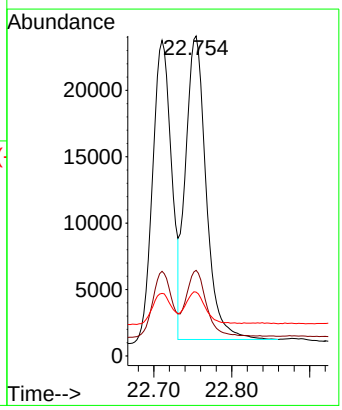


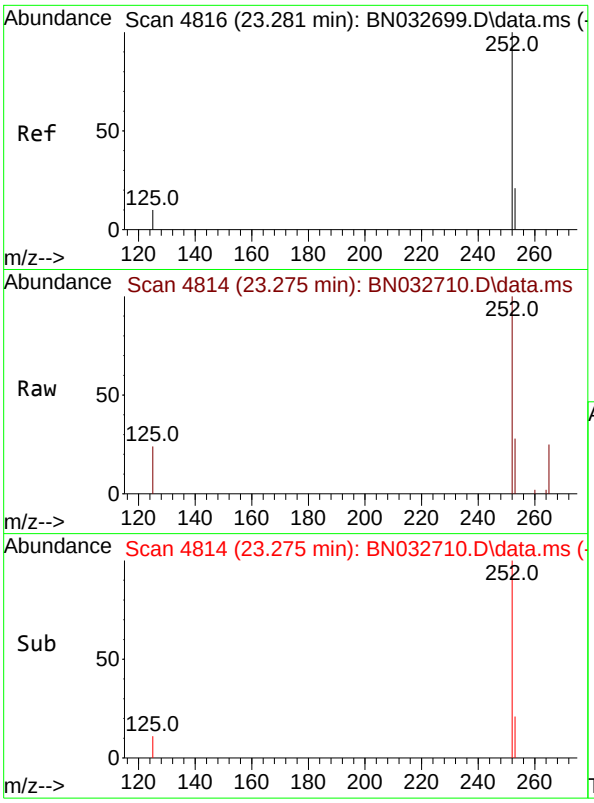


#25
Benzo(k)fluoranthene
Concen: 0.563 ng/ul
RT: 22.754 min Scan# 4636
Delta R.T. -0.023 min
Lab File: BN032710.D
Acq: 13 Jul 2024 15:07

Tgt Ion:252 Resp: 41982

Ion	Ratio	Lower	Upper
252	100		
253	26.7	21.2	31.8
125	19.9	14.8	22.2



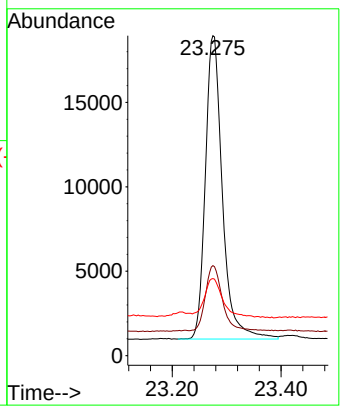


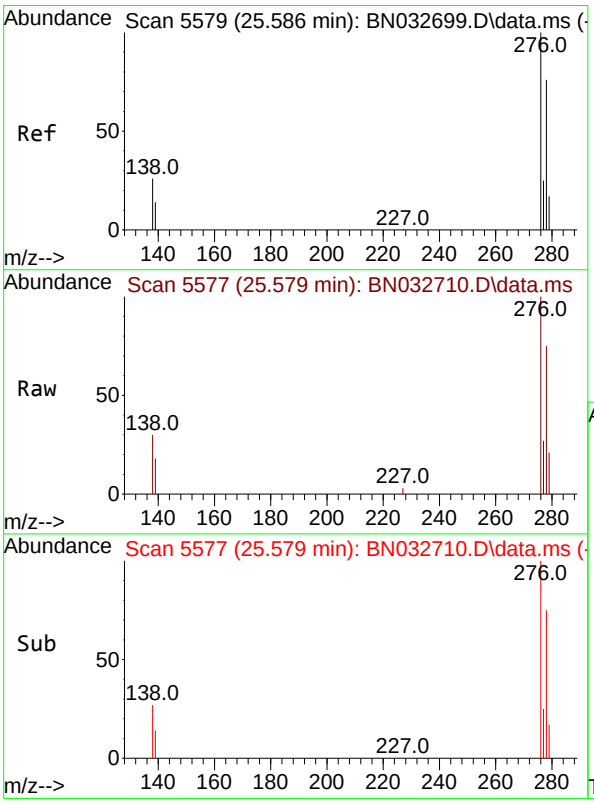
#26
Benzo(a)pyrene
Concen: 0.736 ng/ul
RT: 23.275 min Scan# 4
Delta R.T. -0.035 min
Lab File: BN032710.D
Acq: 13 Jul 2024 15:07

Instrument :
BNA_N
ClientSampleId :
SLCS927

Tgt Ion:252 Resp: 38958

Ion	Ratio	Lower	Upper
252	100		
253	28.2	25.4	38.0
125	24.1	20.6	30.8

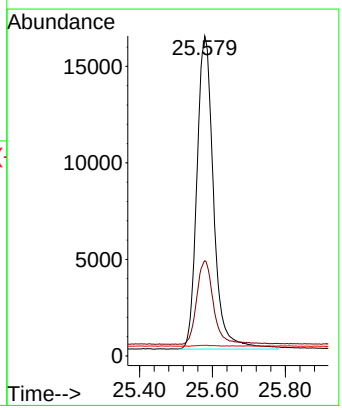


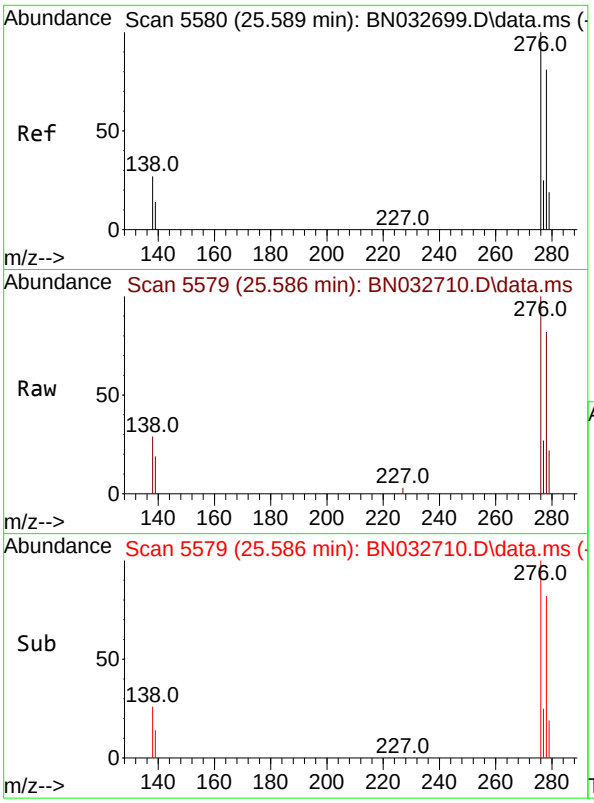


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.717 ng/ul
RT: 25.579 min Scan# 5577
Delta R.T. -0.047 min
Lab File: BN032710.D
Acq: 13 Jul 2024 15:07

Tgt Ion:276 Resp: 51389

Ion	Ratio	Lower	Upper
276	100		
138	26.9	21.6	32.4
227	0.4	0.0	0.0#



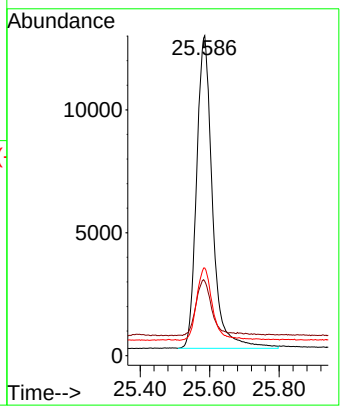


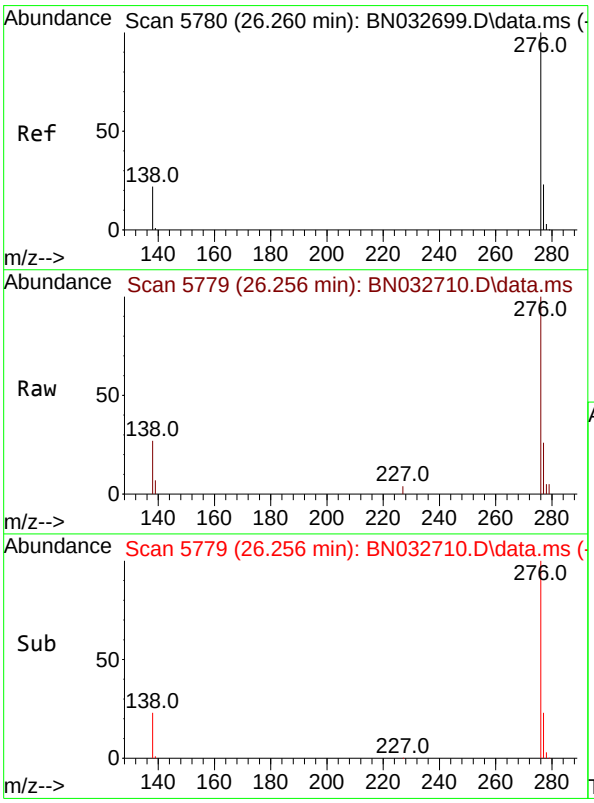
#28
Dibenzo(a,h)anthracene
Concen: 0.727 ng/ul
RT: 25.586 min Scan# 5
Delta R.T. -0.054 min
Lab File: BN032710.D
Acq: 13 Jul 2024 15:07

Instrument :
BNA_N
ClientSampleId :
SLCS927

Tgt Ion:278 Resp: 40351

Ion	Ratio	Lower	Upper
278	100		
139	23.3	16.6	24.8
279	27.4	23.7	35.5





#29
Benzo(g,h,i)perylene
Concen: 0.672 ng/ul
RT: 26.256 min Scan# 5779
Delta R.T. -0.044 min
Lab File: BN032710.D
Acq: 13 Jul 2024 15:07

Tgt Ion:276 Resp: 40210

Ion	Ratio	Lower	Upper
276	100		
138	27.0	21.0	31.4
277	26.2	20.6	31.0