Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032408.D
Acq On : 02 Jul 2024 19:36
Operator : MA/JU
Sample : P2871-22
Misc :
ALS Vial : 55 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B53

Quant Time: Jul 02 23:56:00 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	7.603	152	9164	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.376	136	29540	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.253	164	17549	0.400	ng/ul	-0.01
13) Phenanthrene-d10	17.008	188	41613	0.400	ng/ul	#-0.02
17) Chrysene-d12	21.211	240	20494	0.400	ng/ul	#-0.01
23) Perylene-d12	23.427	264	24343	0.400	ng/ul	-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.143	96	31839	3.126	ng/ul	-0.01
6) 2-Methylnaphthalene-d10	11.977	152	10075	0.227	ng/ul	-0.02
18) Fluoranthene-d10	19.045	212	18094	0.293	ng/ul	-0.01
Target Compounds						Qvalue
5) Naphthalene	10.426	128	16385	0.210	ng/ul	98
7) 2-Methylnaphthalene	12.054	142	6112	0.118	ng/ul	98
8) 1-Methylnaphthalene	12.274	142	4843	0.090	ng/ul	98
10) Acenaphthylene	13.971	152	17796	0.244	ng/ul	96
11) Acenaphthene	14.313	153	17160	0.303	ng/ul	98
12) Fluorene	15.308	166	22029	0.326	ng/ul	98
15) Phenanthrene	17.050	178	383772	3.364	ng/ul	99
16) Anthracene	17.138	178	73006	0.717	ng/ul	99
19) Fluoranthene	19.073	202	525586	6.735	ng/ul	97
20) Pyrene	19.440	202	364753	4.473	ng/ul	98
21) Benzo(a)anthracene	21.194	228	224700	3.038	ng/ul	98
22) Chrysene	21.247	228	223592	2.754	ng/ul	96
24) Benzo(b)fluoranthene	22.763	252	399492	3.777	ng/ul	97
26) Benzo(a)pyrene	23.327	252	114975	1.562	ng/ul	95
27) Indeno(1,2,3-cd)pyrene	25.660	276	108141	0.939	ng/ul#	96
28) Dibenzo(a,h)anthracene	25.663	278	37772	0.441	ng/ul#	80
29) Benzo(g,h,i)perylene	26.347	276	15971	0.174	ng/ul#	73

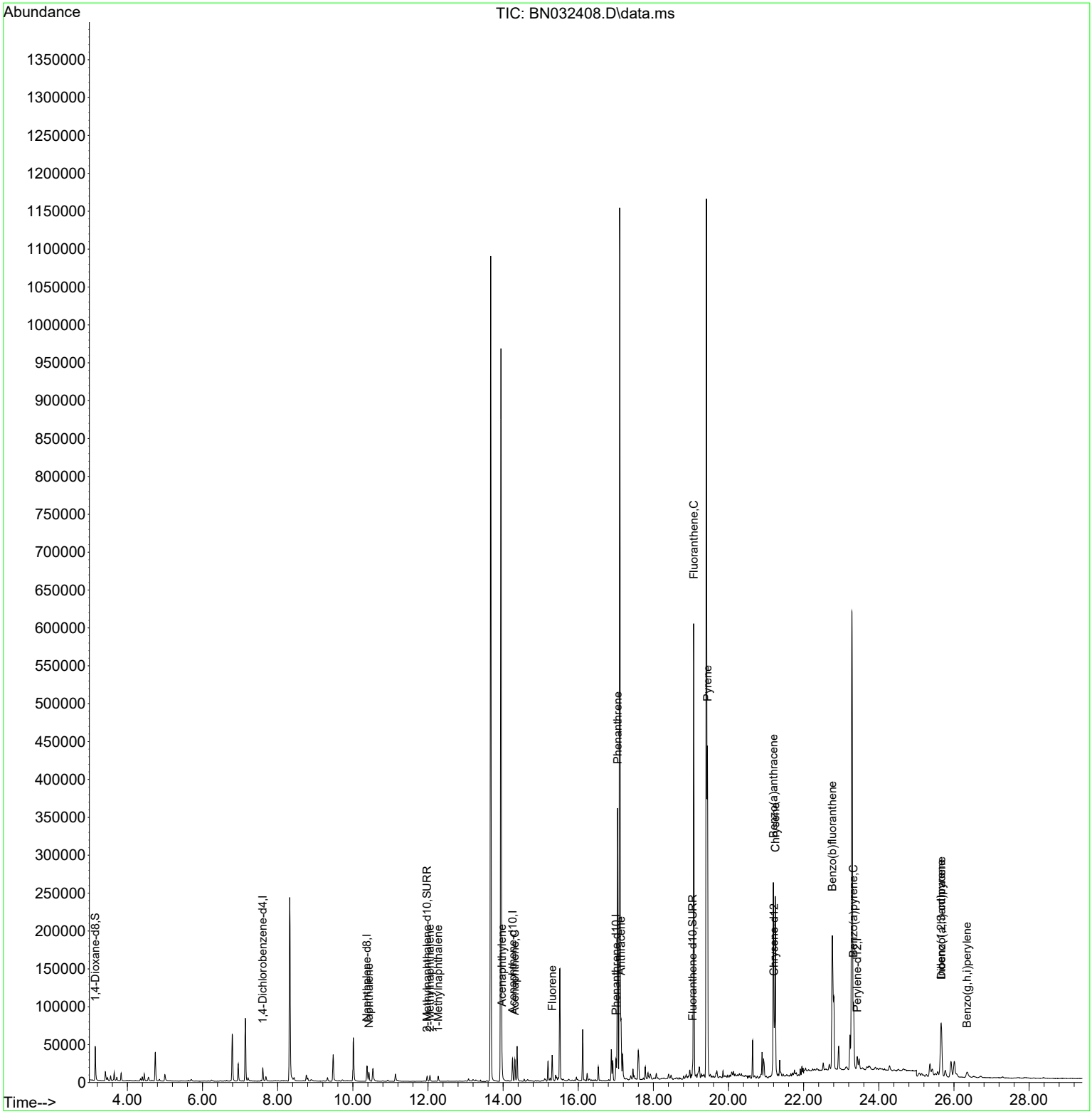
(#) = qualifier out of range (m) = manual integration (+) = signals summed

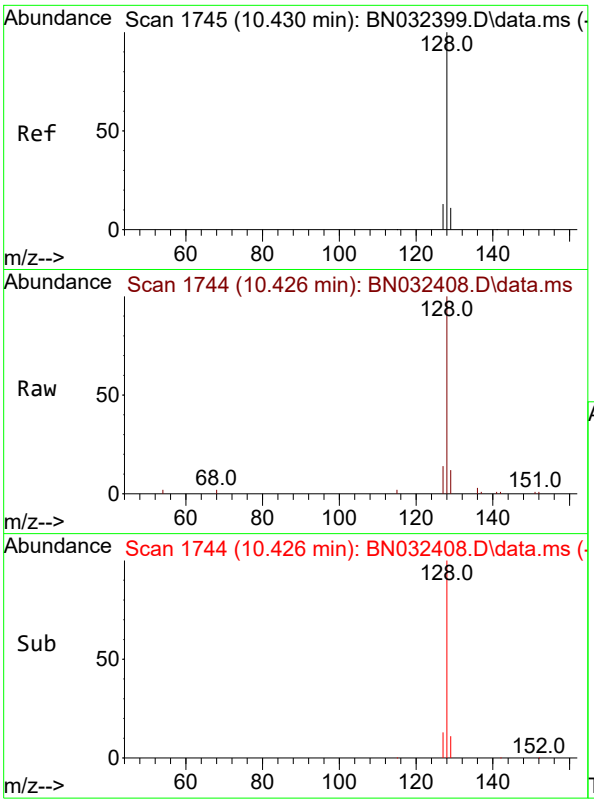
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032408.D
Acq On : 02 Jul 2024 19:36
Operator : MA/JU
Sample : P2871-22
Misc :
ALS Vial : 55 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B53

Quant Time: Jul 02 23:56:00 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



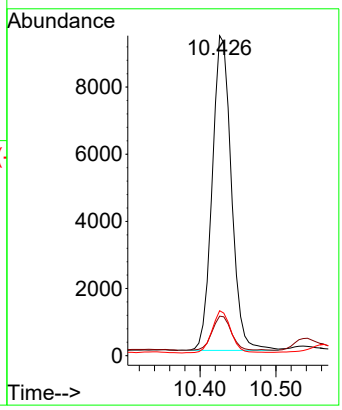


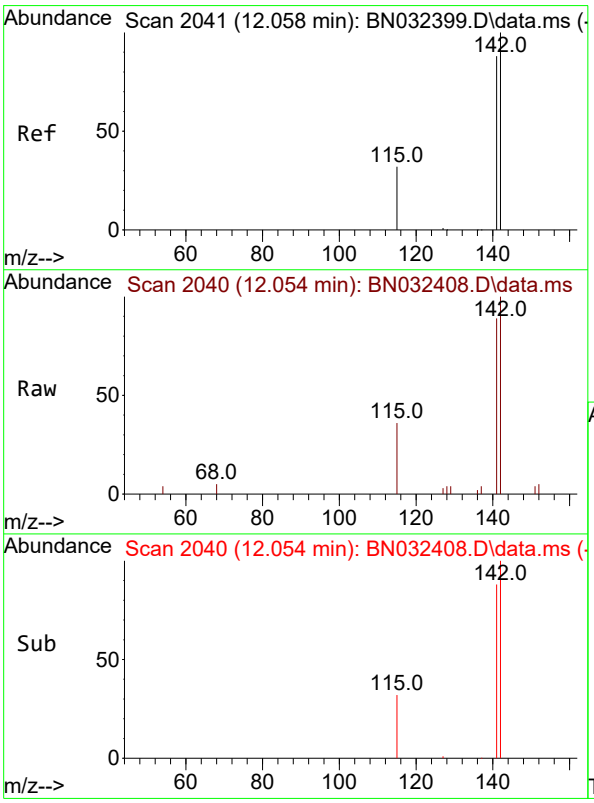
#5
Naphthalene
Concen: 0.210 ng/ul
RT: 10.426 min Scan# 1
Delta R.T. -0.022 min
Lab File: BN032408.D
Acq: 02 Jul 2024 19:36

Instrument :
BNA_N
ClientSampleId :
A4B53

Tgt Ion:128 Resp: 16385

Ion	Ratio	Lower	Upper
128	100		
129	12.3	9.2	13.8
127	14.0	10.8	16.2

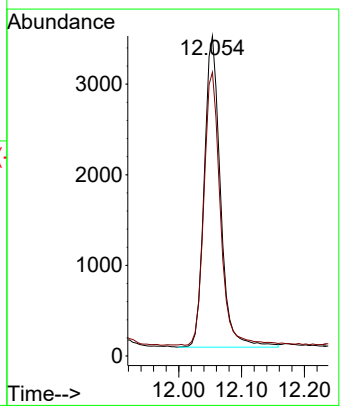


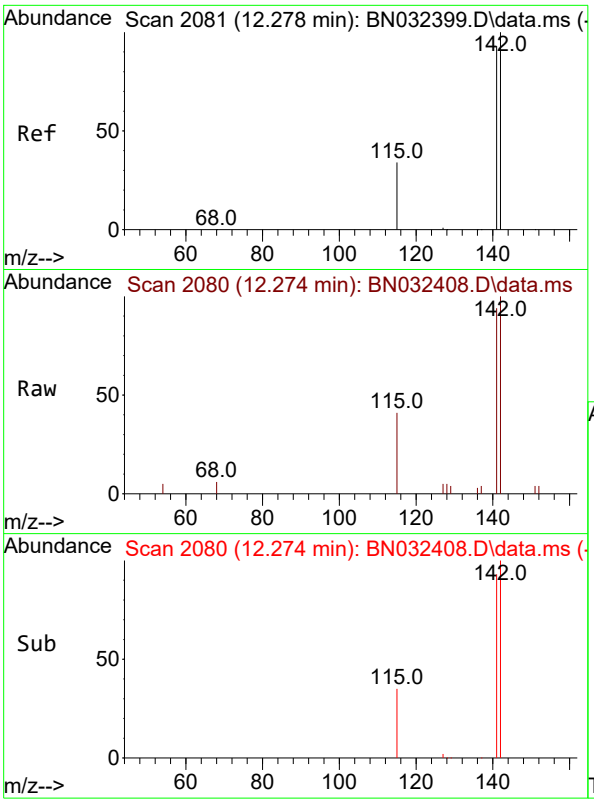


#7
2-Methylnaphthalene
Concen: 0.118 ng/ul
RT: 12.054 min Scan# 2040
Delta R.T. -0.022 min
Lab File: BN032408.D
Acq: 02 Jul 2024 19:36

Tgt Ion:142 Resp: 6112

Ion	Ratio	Lower	Upper
142	100		
141	88.6	72.2	108.2



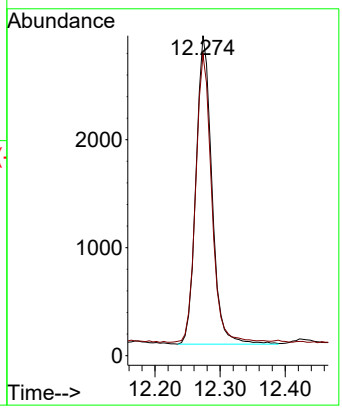


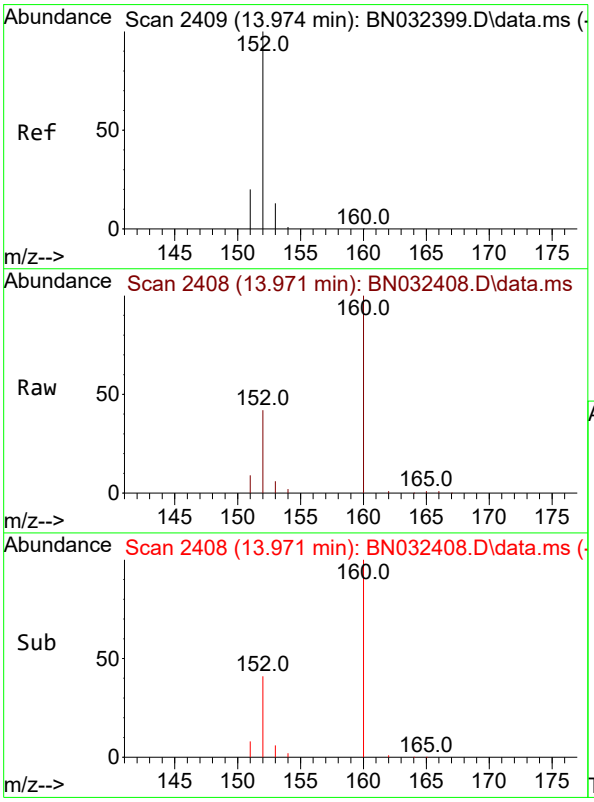
#8
1-Methylnaphthalene
Concen: 0.090 ng/ul
RT: 12.274 min Scan# 2
Delta R.T. -0.022 min
Lab File: BN032408.D
Acq: 02 Jul 2024 19:36

Instrument :
BNA_N
ClientSampleId :
A4B53

Tgt Ion:142 Resp: 4843

Ion	Ratio	Lower	Upper
142	100		
141	93.4	73.4	110.0

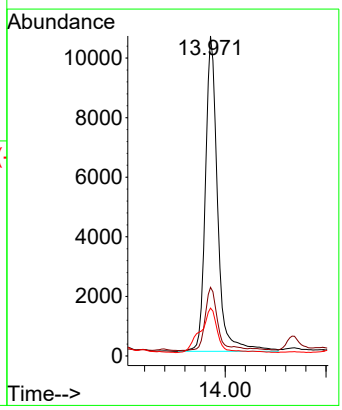


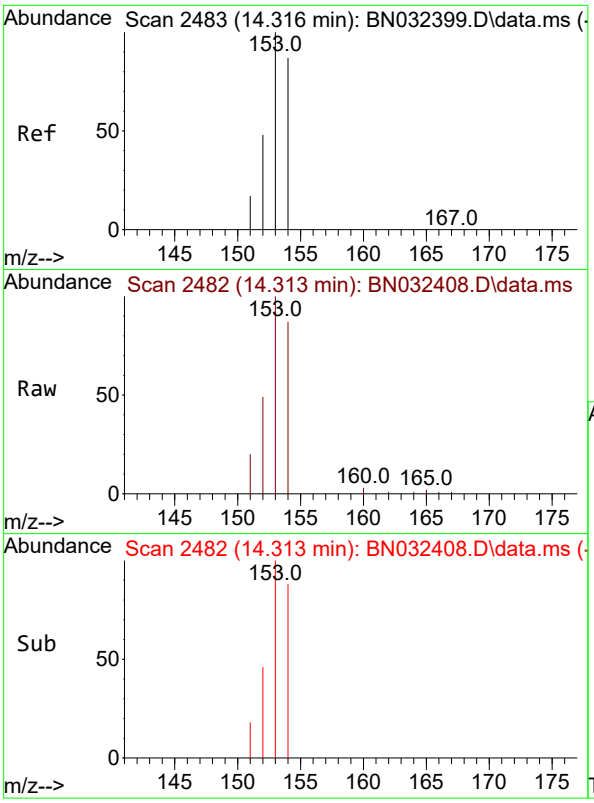


#10
Acenaphthylene
Concen: 0.244 ng/ul
RT: 13.971 min Scan# 2408
Delta R.T. -0.019 min
Lab File: BN032408.D
Acq: 02 Jul 2024 19:36

Tgt Ion:152 Resp: 17796

Ion	Ratio	Lower	Upper
152	100		
151	21.4	15.7	23.5
153	15.0	10.9	16.3



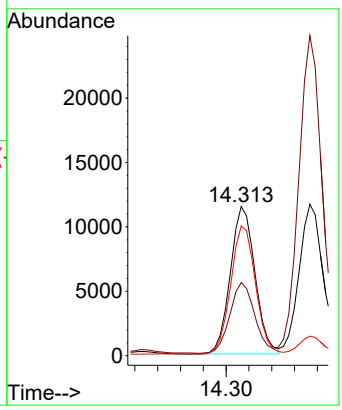


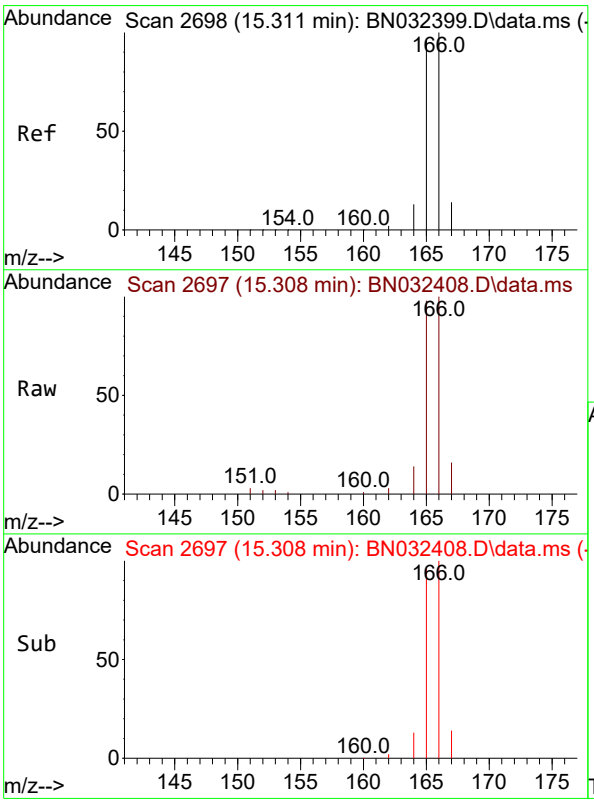
#11
Acenaphthene
Concen: 0.303 ng/ul
RT: 14.313 min Scan# 24
Delta R.T. -0.019 min
Lab File: BN032408.D
Acq: 02 Jul 2024 19:36

Instrument :
BNA_N
ClientSampleId :
A4B53

Tgt Ion:153 Resp: 17160

Ion	Ratio	Lower	Upper
153	100		
152	49.0	39.5	59.3
154	87.0	71.7	107.5

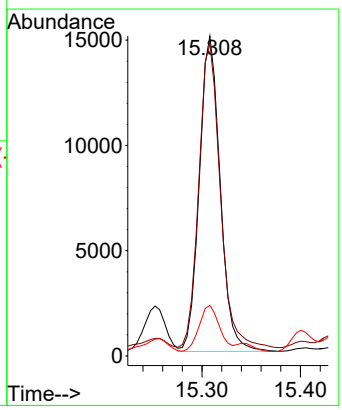


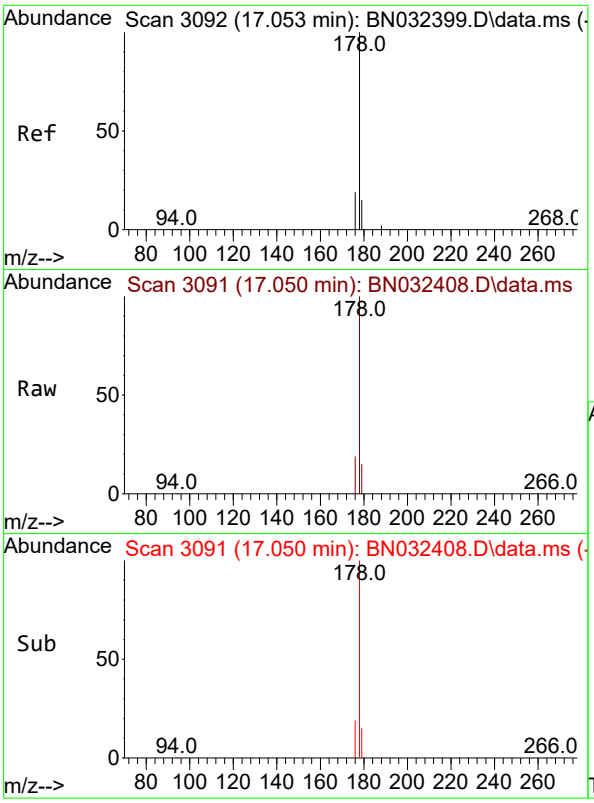


#12
Fluorene
Concen: 0.326 ng/ul
RT: 15.308 min Scan# 2697
Delta R.T. -0.019 min
Lab File: BN032408.D
Acq: 02 Jul 2024 19:36

Tgt Ion:166 Resp: 22029

Ion	Ratio	Lower	Upper
166	100		
165	97.7	79.0	118.6
167	15.8	11.0	16.6



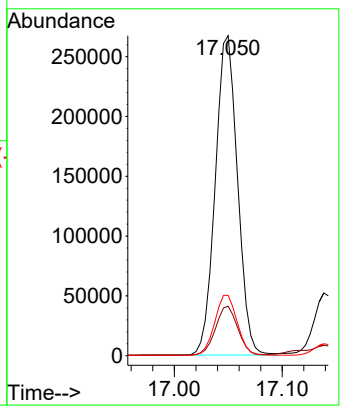


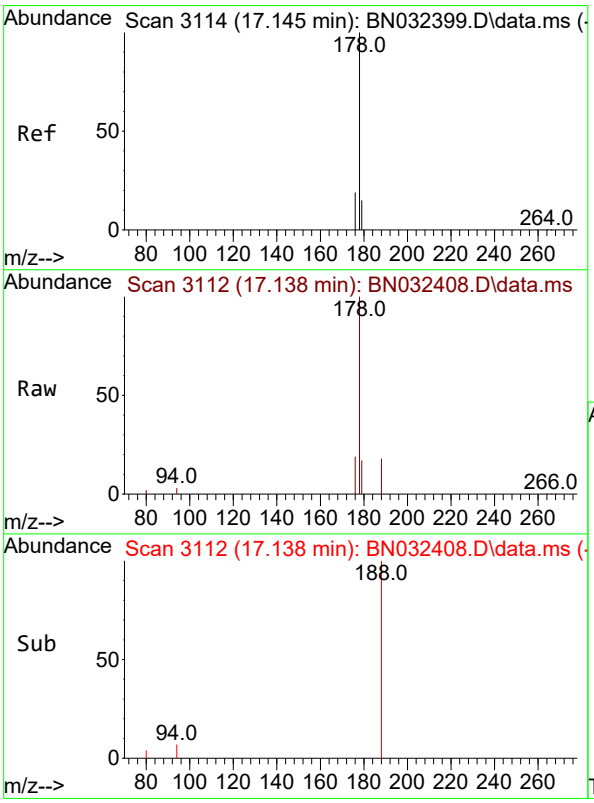
#15
Phenanthrene
Concen: 3.364 ng/ul
RT: 17.050 min Scan# 3
Delta R.T. -0.017 min
Lab File: BN032408.D
Acq: 02 Jul 2024 19:36

Instrument :
BNA_N
ClientSampleId :
A4B53

Tgt Ion:178 Resp: 383772

Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.6	18.8
176	18.9	15.6	23.4

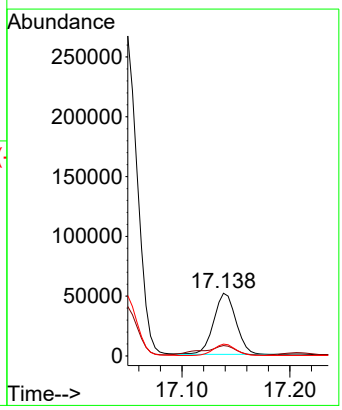


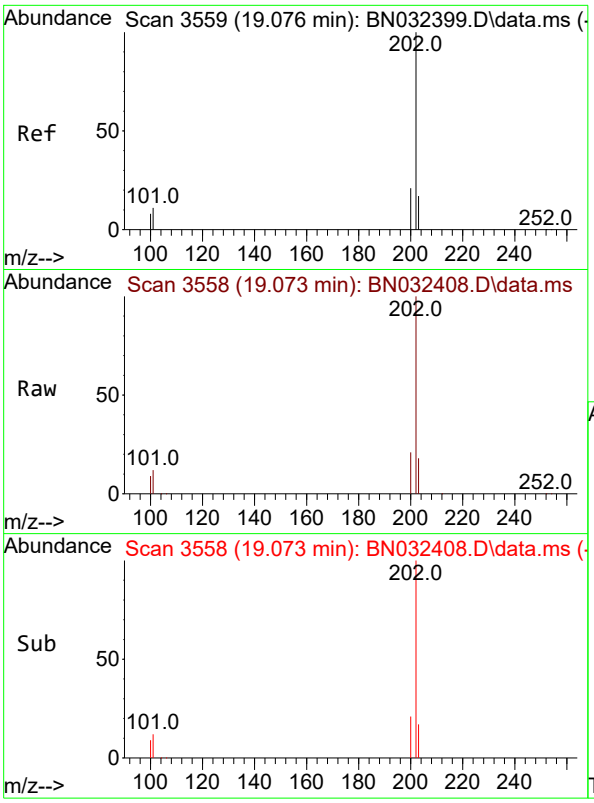


#16
Anthracene
Concen: 0.717 ng/ul
RT: 17.138 min Scan# 3112
Delta R.T. -0.021 min
Lab File: BN032408.D
Acq: 02 Jul 2024 19:36

Tgt Ion:178 Resp: 73006

Ion	Ratio	Lower	Upper
178	100		
179	16.6	12.5	18.7
176	18.9	15.0	22.6



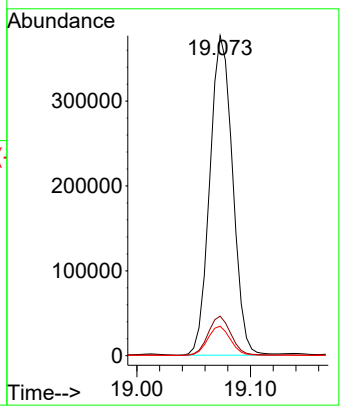


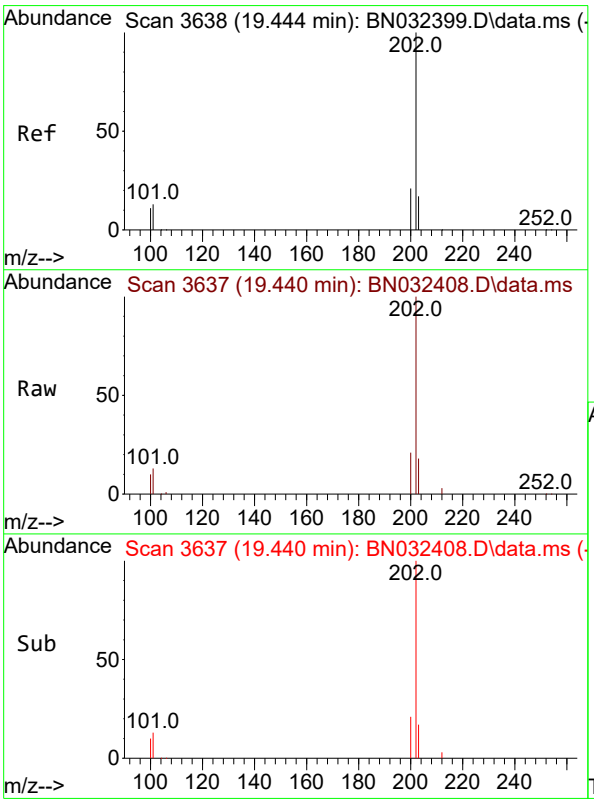
#19
Fluoranthene
Concen: 6.735 ng/ul
RT: 19.073 min Scan# 3
Delta R.T. -0.019 min
Lab File: BN032408.D
Acq: 02 Jul 2024 19:36

Instrument :
BNA_N
ClientSampleId :
A4B53

Tgt Ion:202 Resp: 525586

Ion	Ratio	Lower	Upper
202	100		
101	12.4	8.8	13.2
100	9.2	6.4	9.6

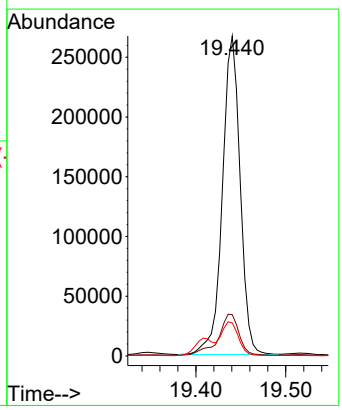


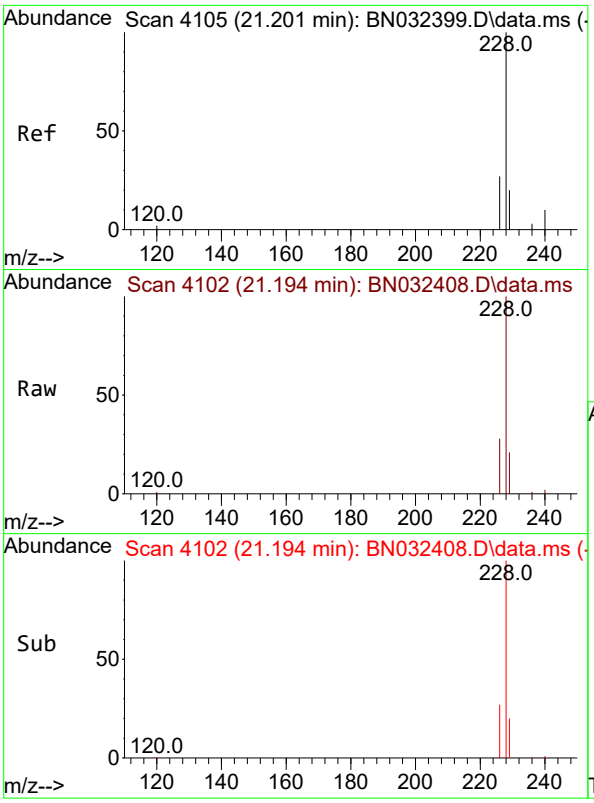


#20
Pyrene
Concen: 4.473 ng/ul
RT: 19.440 min Scan# 3637
Delta R.T. -0.014 min
Lab File: BN032408.D
Acq: 02 Jul 2024 19:36

Tgt Ion:202 Resp: 364753

Ion	Ratio	Lower	Upper
202	100		
101	12.9	11.0	16.4
100	10.3	8.7	13.1



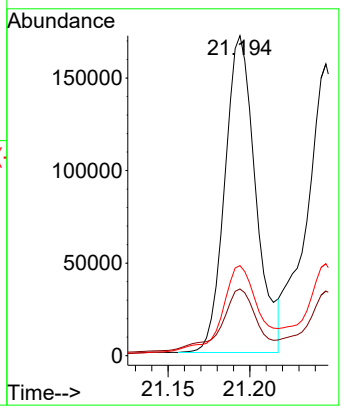


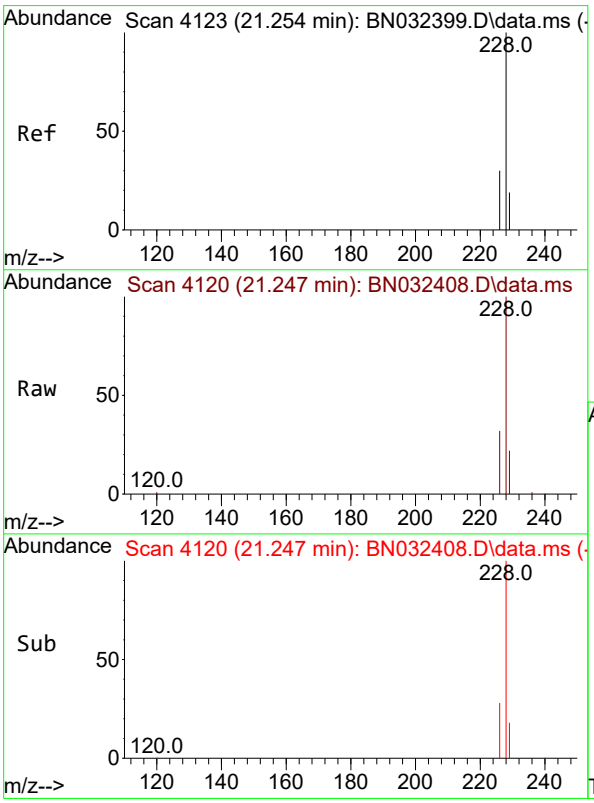
#21
Benzo(a)anthracene
Concen: 3.038 ng/ul
RT: 21.194 min Scan# 4
Delta R.T. -0.021 min
Lab File: BN032408.D
Acq: 02 Jul 2024 19:36

Instrument :
BNA_N
ClientSampleId :
A4B53

Tgt Ion:228 Resp: 224700

Ion	Ratio	Lower	Upper
228	100		
229	20.9	15.7	23.5
226	28.1	21.8	32.8

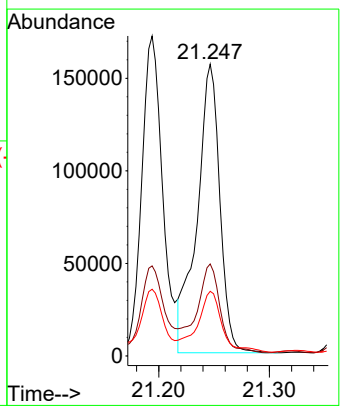


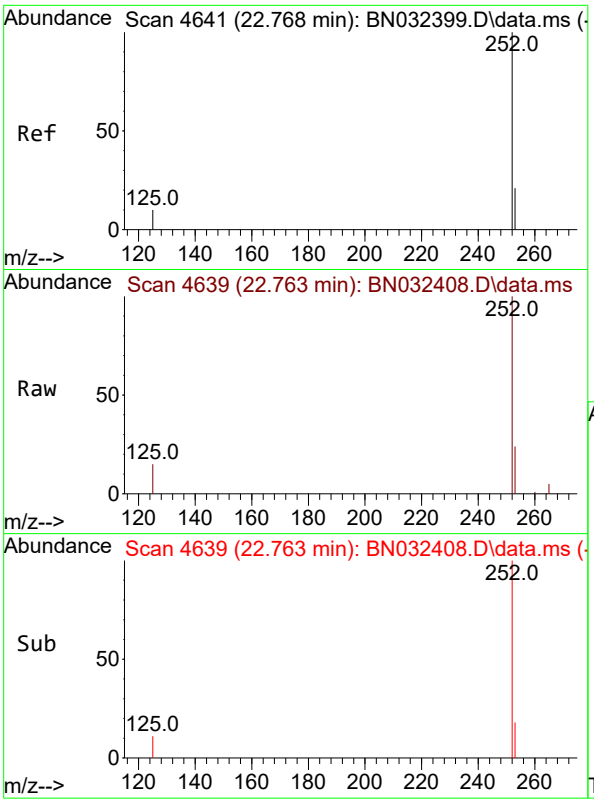


#22
Chrysene
Concen: 2.754 ng/ul
RT: 21.247 min Scan# 4120
Delta R.T. -0.021 min
Lab File: BN032408.D
Acq: 02 Jul 2024 19:36

Tgt Ion:228 Resp: 223592

Ion	Ratio	Lower	Upper
228	100		
226	31.5	23.6	35.4
229	22.1	15.7	23.5



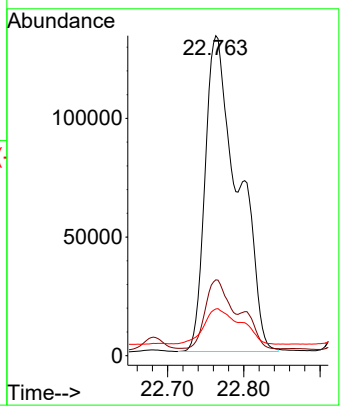


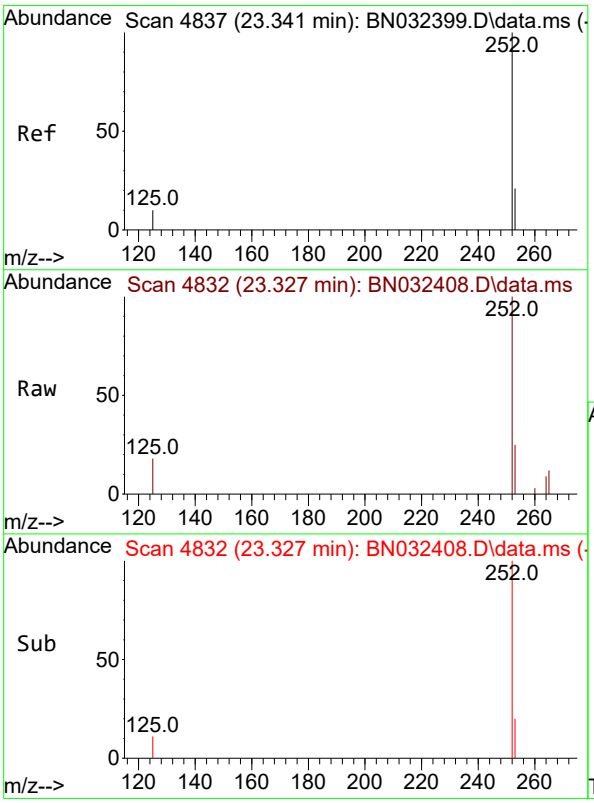
#24
Benzo(b)fluoranthene
Concen: 3.777 ng/ul
RT: 22.763 min Scan# 4
Delta R.T. -0.021 min
Lab File: BN032408.D
Acq: 02 Jul 2024 19:36

Instrument :
BNA_N
ClientSampleId :
A4B53

Tgt Ion:252 Resp: 399492

Ion	Ratio	Lower	Upper
252	100		
253	23.7	0.0	50.2
125	14.6	0.0	32.0

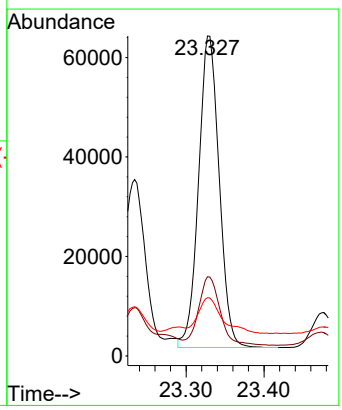


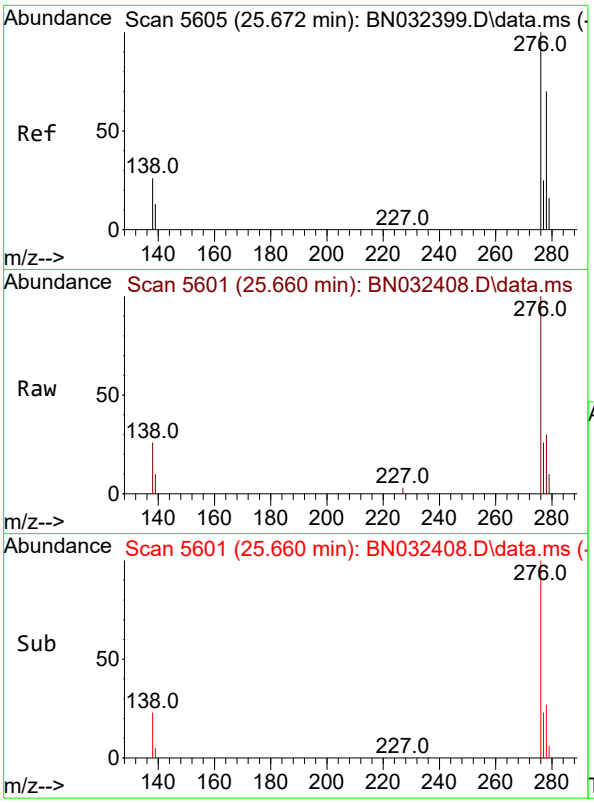


#26
Benzo(a)pyrene
Concen: 1.562 ng/ul
RT: 23.327 min Scan# 4832
Delta R.T. -0.032 min
Lab File: BN032408.D
Acq: 02 Jul 2024 19:36

Tgt Ion:252 Resp: 114975

Ion	Ratio	Lower	Upper
252	100		
253	24.8	22.2	33.2
125	18.2	16.4	24.6



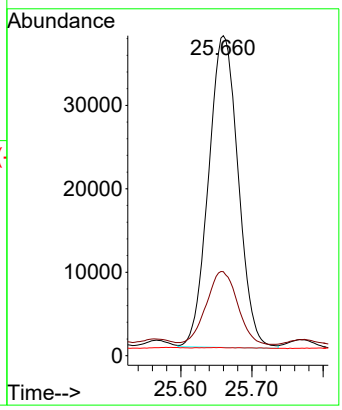


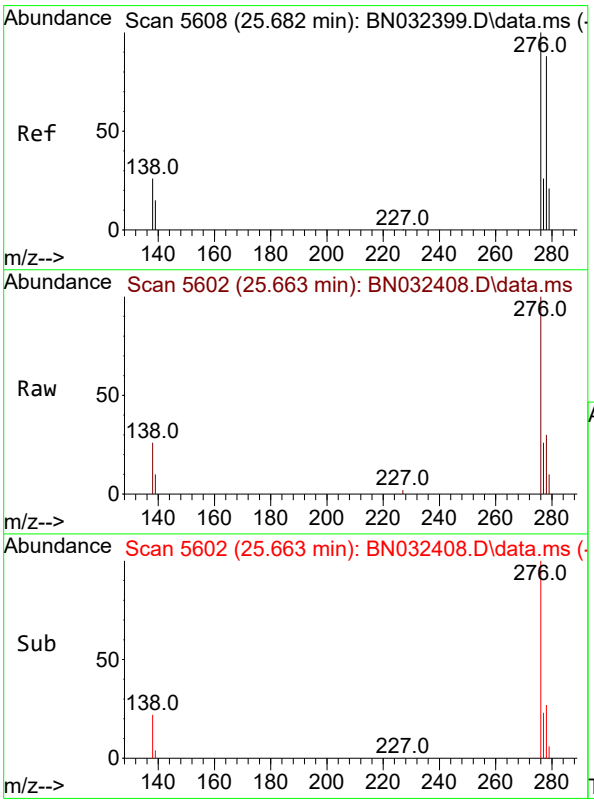
#27
Indeno(1,2,3-cd)pyrene
Concen: 0.939 ng/ul
RT: 25.660 min Scan# 5
Delta R.T. -0.040 min
Lab File: BN032408.D
Acq: 02 Jul 2024 19:36

Instrument :
BNA_N
ClientSampleId :
A4B53

Tgt Ion:276 Resp: 108141

Ion	Ratio	Lower	Upper
276	100		
138	24.7	21.3	31.9
227	0.2	0.1	0.1#

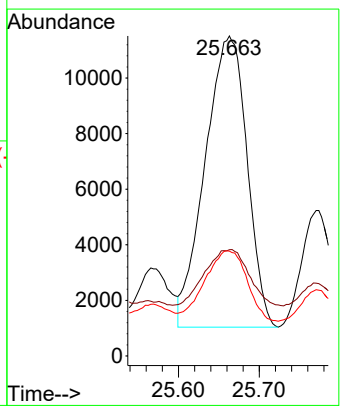


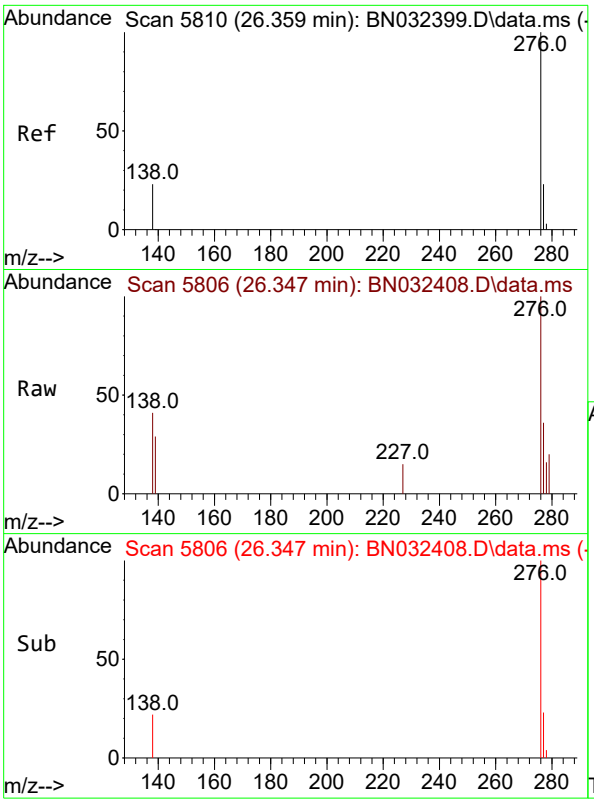


#28
Dibenzo(a,h)anthracene
Concen: 0.441 ng/ul
RT: 25.663 min Scan# 5602
Delta R.T. -0.047 min
Lab File: BN032408.D
Acq: 02 Jul 2024 19:36

Tgt Ion:278 Resp: 37772

Ion	Ratio	Lower	Upper
278	100		
139	33.2	15.9	23.9#
279	32.8	21.1	31.7#





#29
Benzo(g,h,i)perylene
Concen: 0.174 ng/ul
RT: 26.347 min Scan# 5
Delta R.T. -0.034 min
Lab File: BN032408.D
Acq: 02 Jul 2024 19:36

Instrument :
BNA_N
ClientSampleId :
A4B53

Tgt Ion:276 Resp: 15971

Ion	Ratio	Lower	Upper
276	100		
138	40.9	19.8	29.6#
277	35.8	19.8	29.6#