Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110924\
Data File : BN034950.D
Acq On : 09 Nov 2024 20:37
Operator : RC/JU
Sample : P4744-18MS
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GCP72MS

Quant Time: Nov 09 22:53:43 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN110924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Nov 09 00:09:12 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.571	152	3681	0.400	ng/ul	0.00
4) Naphthalene-d8	10.334	136	10170	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.203	164	8727	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.950	188	18838	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.145	240	16238	0.400	ng/ul	# 0.00
23) Perylene-d12	23.311	264	14021	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.153	96	776	0.222	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.928	152	6105	0.392	ng/ul	0.00
18) Fluoranthene-d10	18.981	212	21794	0.523	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.183	88	2493	0.649	ng/ul#	85
5) Naphthalene	10.383	128	9740	0.383	ng/ul	100
7) 2-Methylnaphthalene	12.005	142	7828	0.412	ng/ul	98
8) 1-Methylnaphthalene	12.225	142	7764	0.407	ng/ul	98
10) Acenaphthylene	13.921	152	12309	0.345	ng/ul	97
11) Acenaphthene	14.268	153	9085	0.336	ng/ul	98
12) Fluorene	15.258	166	13438	0.391	ng/ul	97
14) Pentachlorophenol	16.603	266	6510	1.495	ng/ul	97
15) Phenanthrene	16.992	178	20361	0.404	ng/ul#	93
16) Anthracene	17.080	178	19460	0.411	ng/ul	93
19) Fluoranthene	19.014	202	25982	0.479	ng/ul#	94
20) Pyrene	19.376	202	28590	0.508	ng/ul#	94
21) Benzo(a)anthracene	21.131	228	24355	0.414	ng/ul#	93
22) Chrysene	21.180	228	23038	0.384	ng/ul#	92
24) Benzo(b)fluoranthene	22.668	252	20356	0.413	ng/ul	91
25) Benzo(k)fluoranthene	22.709	252	20348	0.394	ng/ul#	91
26) Benzo(a)pyrene	23.217	252	17535	0.398	ng/ul#	90
27) Indeno(1,2,3-cd)pyrene	25.467	276	20152	0.374	ng/ul#	94
28) Dibenzo(a,h)anthracene	25.480	278	15871	0.378	ng/ul#	94
29) Benzo(g,h,i)perylene	26.117	276	15451	0.375	ng/ul#	97

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

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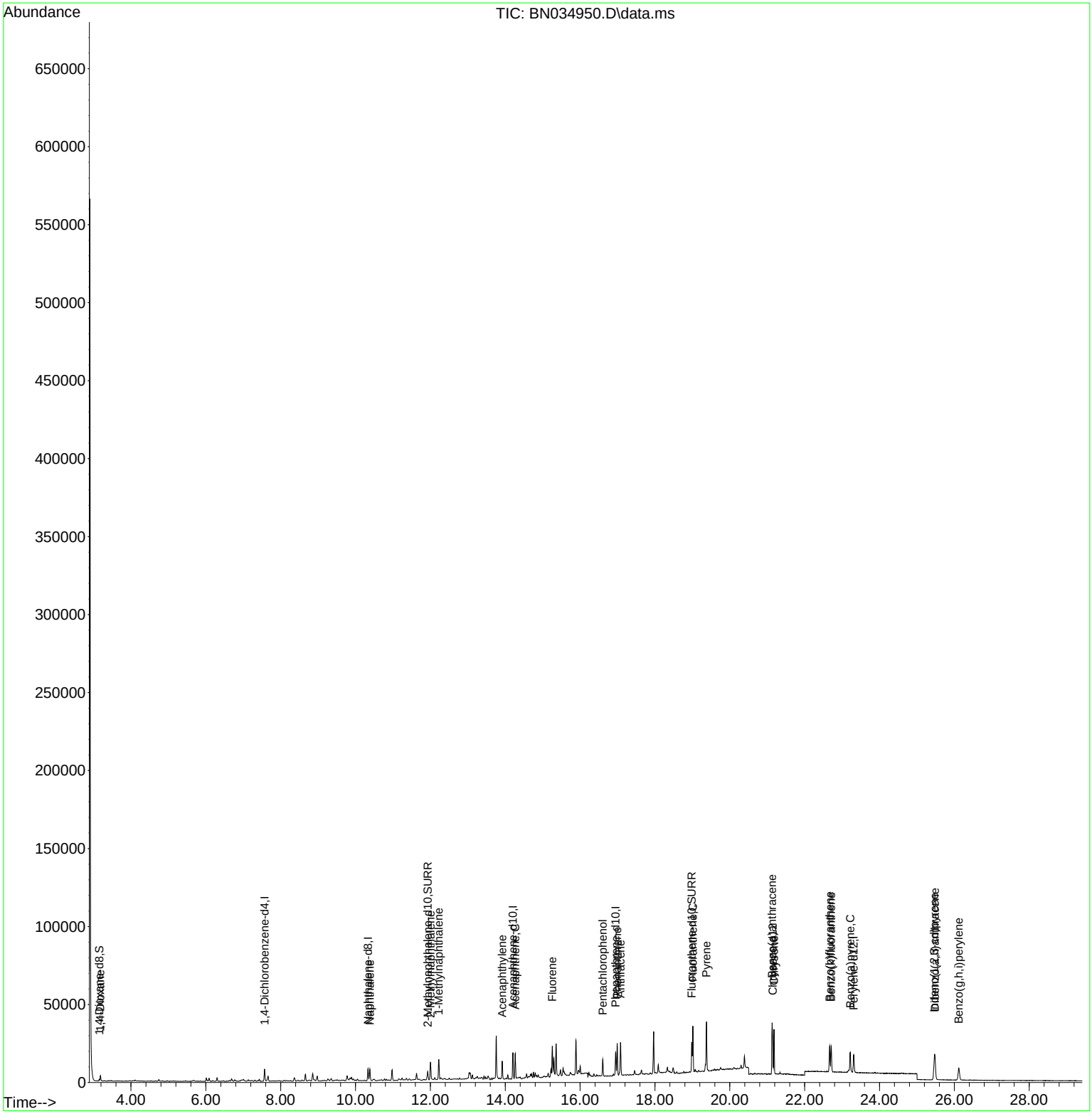
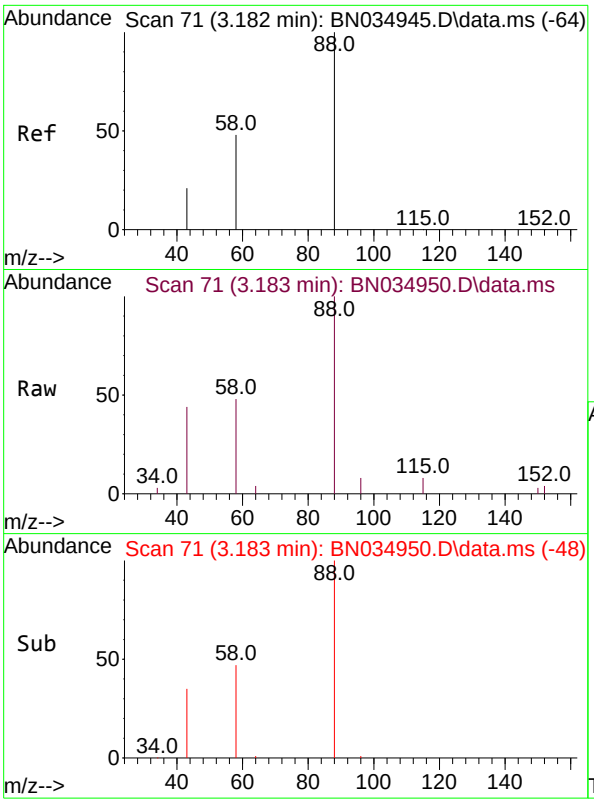


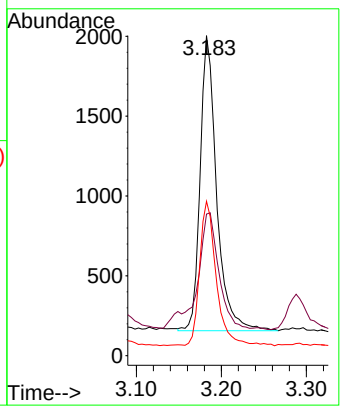


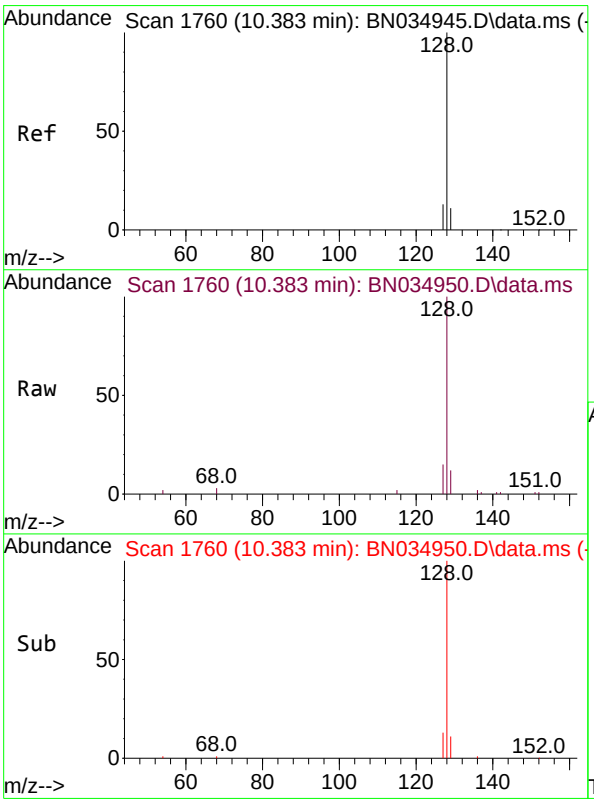
#2
1,4-Dioxane
Concen: 0.649 ng/ul
RT: 3.183 min Scan# 7
Delta R.T. -0.004 min
Lab File: BN034950.D
Acq: 09 Nov 2024 20:37

Instrument :
BNA_N
ClientSampleId :
GCP72MS

Tgt Ion: 88 Resp: 2493

Ion	Ratio	Lower	Upper
88	100		
43	44.3	23.3	34.9#
58	48.3	35.4	53.2

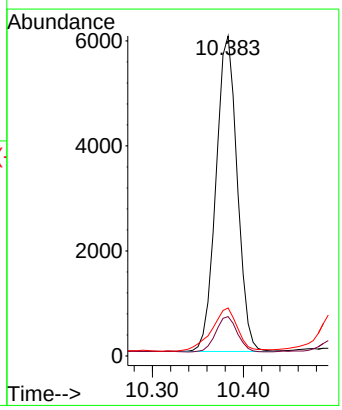


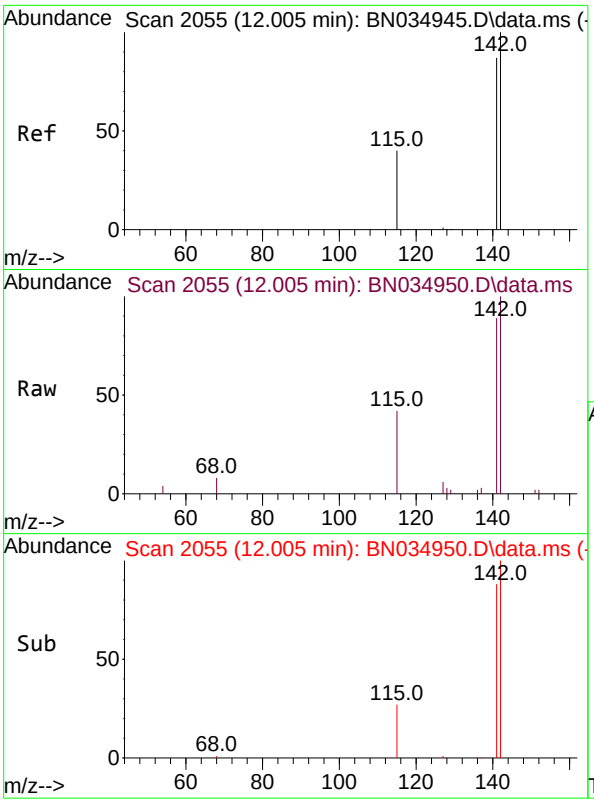


#5
Naphthalene
Concen: 0.383 ng/ul
RT: 10.383 min Scan# 1760
Delta R.T. -0.005 min
Lab File: BN034950.D
Acq: 09 Nov 2024 20:37

Tgt Ion:128 Resp: 9740

Ion	Ratio	Lower	Upper
128	100		
129	12.3	10.1	15.1
127	15.0	12.1	18.1



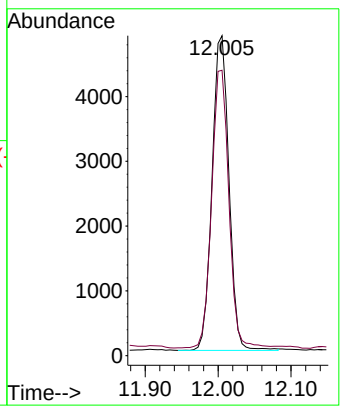


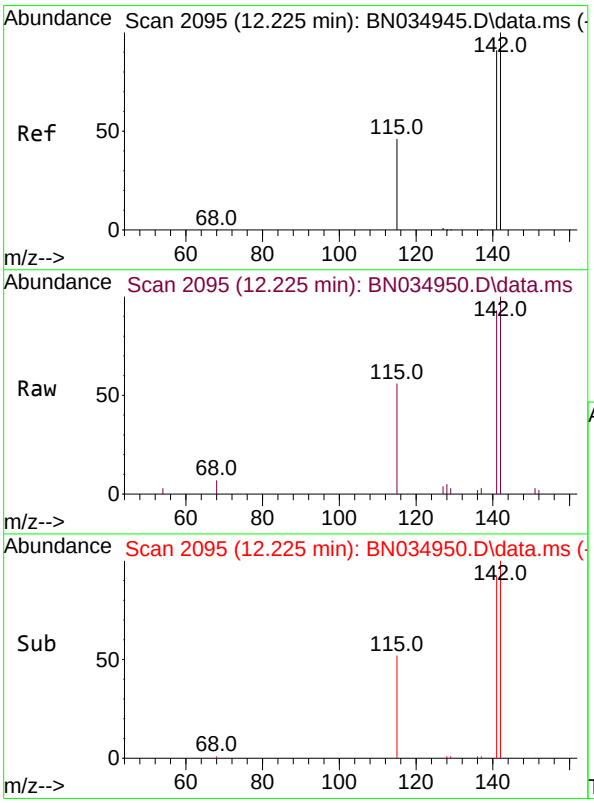
#7
2-Methylnaphthalene
Concen: 0.412 ng/ul
RT: 12.005 min Scan# 2
Delta R.T. -0.005 min
Lab File: BN034950.D
Acq: 09 Nov 2024 20:37

Instrument :
BNA_N
ClientSampleId :
GCP72MS

Tgt Ion:142 Resp: 7828

Ion	Ratio	Lower	Upper
142	100		
141	90.1	70.8	106.2

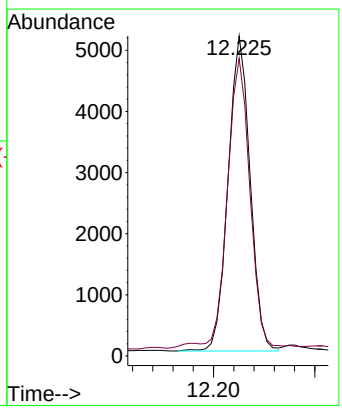


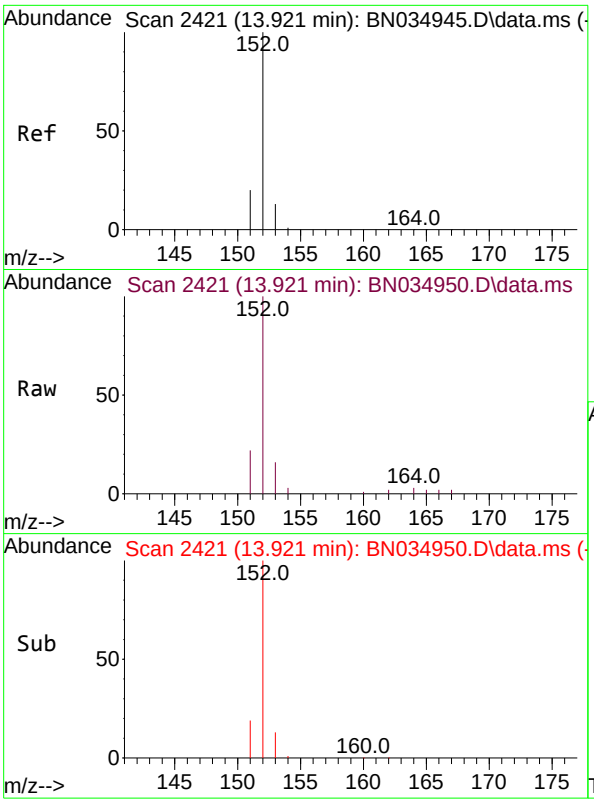


#8
1-Methylnaphthalene
Concen: 0.407 ng/ul
RT: 12.225 min Scan# 2095
Delta R.T. -0.005 min
Lab File: BN034950.D
Acq: 09 Nov 2024 20:37

Tgt Ion:142 Resp: 7764

Ion	Ratio	Lower	Upper
142	100		
141	95.2	74.6	111.8



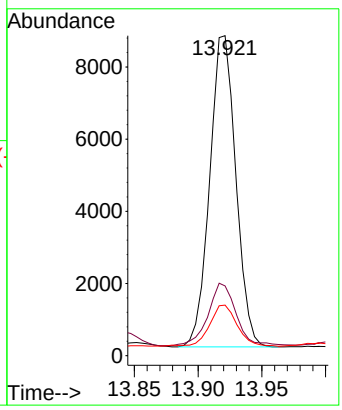


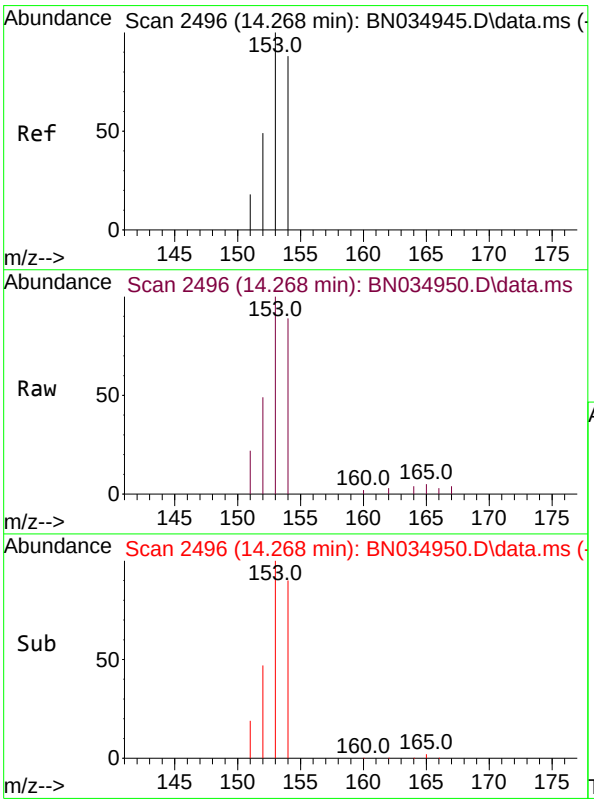
#10
Acenaphthylene
Concen: 0.345 ng/ul
RT: 13.921 min Scan# 24
Delta R.T. -0.004 min
Lab File: BN034950.D
Acq: 09 Nov 2024 20:37

Instrument :
BNA_N
ClientSampleId :
GCP72MS

Tgt Ion:152 Resp: 12309

Ion	Ratio	Lower	Upper
152	100		
151	21.8	16.6	24.8
153	15.8	11.0	16.6

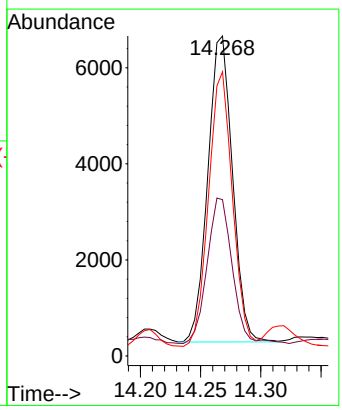


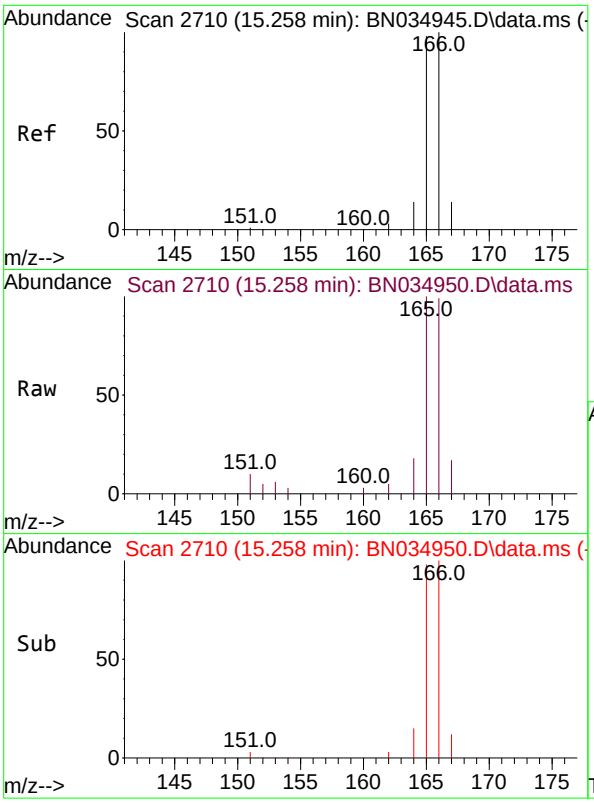


#11
Acenaphthene
Concen: 0.336 ng/ul
RT: 14.268 min Scan# 2496
Delta R.T. -0.004 min
Lab File: BN034950.D
Acq: 09 Nov 2024 20:37

Tgt Ion:153 Resp: 9085

Ion	Ratio	Lower	Upper
153	100		
152	48.8	41.5	62.3
154	88.8	70.9	106.3



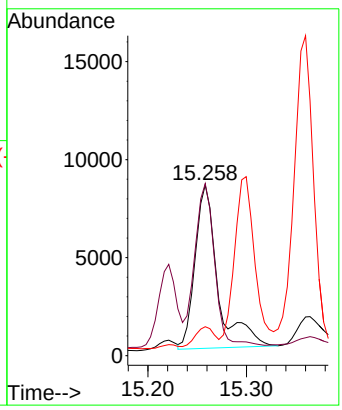


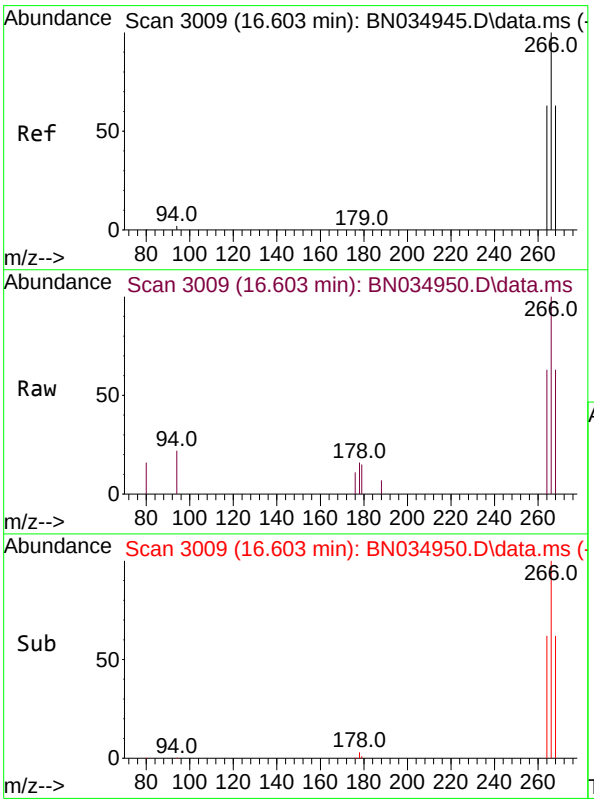
#12
Fluorene
Concen: 0.391 ng/ul
RT: 15.258 min Scan# 2
Delta R.T. -0.004 min
Lab File: BN034950.D
Acq: 09 Nov 2024 20:37

Instrument :
BNA_N
ClientSampleId :
GCP72MS

Tgt Ion:166 Resp: 13438

Ion	Ratio	Lower	Upper
166	100		
165	100.9	79.0	118.4
167	17.0	11.8	17.6

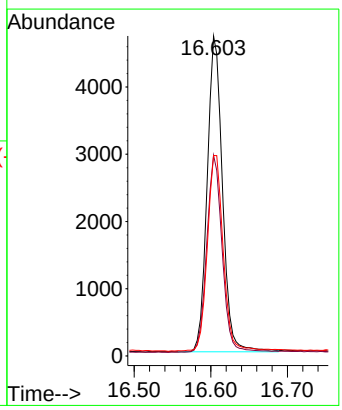


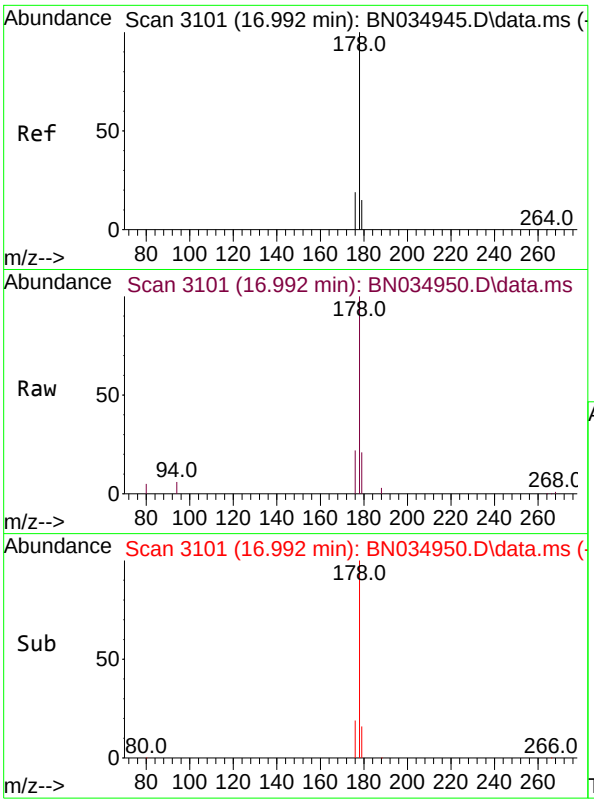


#14
Pentachlorophenol
Concen: 1.495 ng/ul
RT: 16.603 min Scan# 3009
Delta R.T. -0.004 min
Lab File: BN034950.D
Acq: 09 Nov 2024 20:37

Tgt Ion:266 Resp: 6510

Ion	Ratio	Lower	Upper
266	100		
264	63.1	50.2	75.2
268	64.8	48.4	72.6



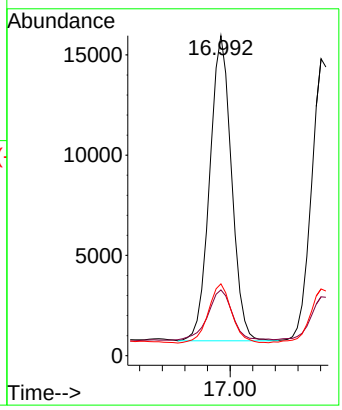


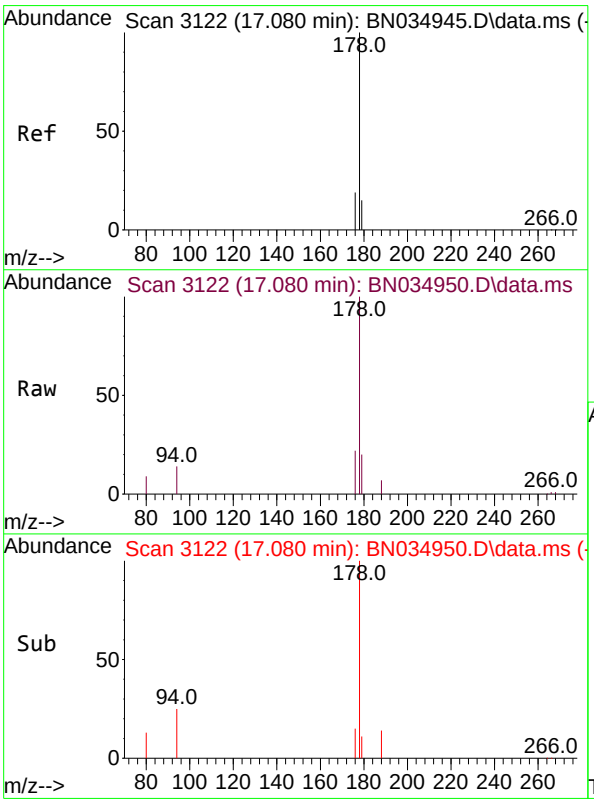
#15
Phenanthrene
Concen: 0.404 ng/ul
RT: 16.992 min Scan# 3
Delta R.T. -0.004 min
Lab File: BN034950.D
Acq: 09 Nov 2024 20:37

Instrument :
BNA_N
ClientSampleId :
GCP72MS

Tgt Ion:178 Resp: 20361

Ion	Ratio	Lower	Upper
178	100		
179	20.5	13.4	20.2#
176	22.5	15.8	23.6

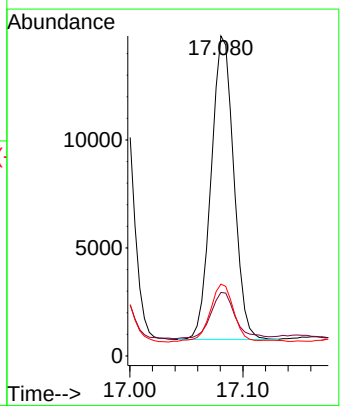


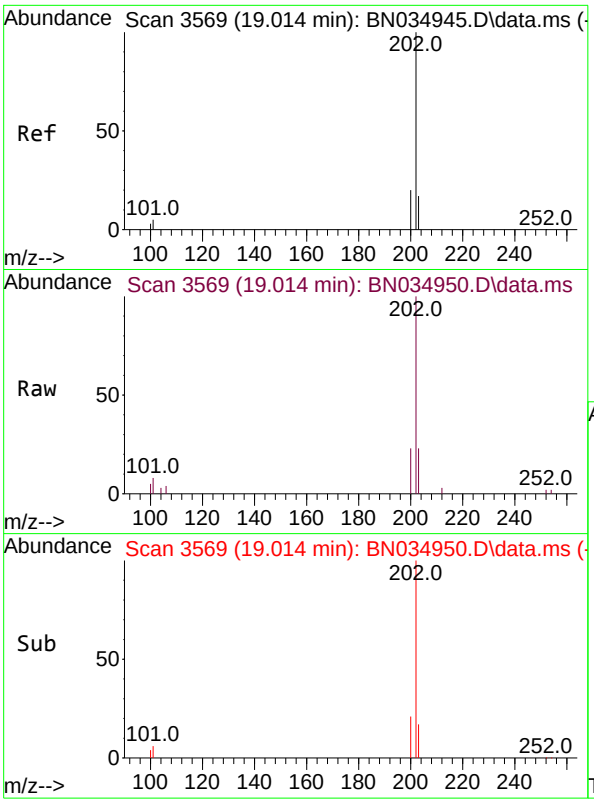


#16
Anthracene
Concen: 0.411 ng/ul
RT: 17.080 min Scan# 3122
Delta R.T. -0.004 min
Lab File: BN034950.D
Acq: 09 Nov 2024 20:37

Tgt Ion:178 Resp: 19460

Ion	Ratio	Lower	Upper
178	100		
179	19.8	13.3	19.9
176	22.4	15.8	23.8



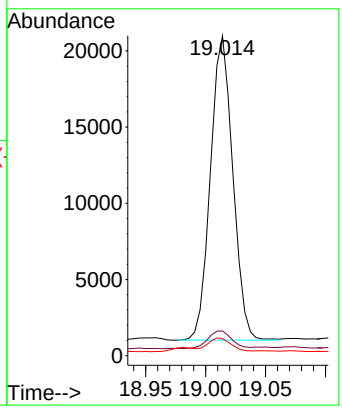


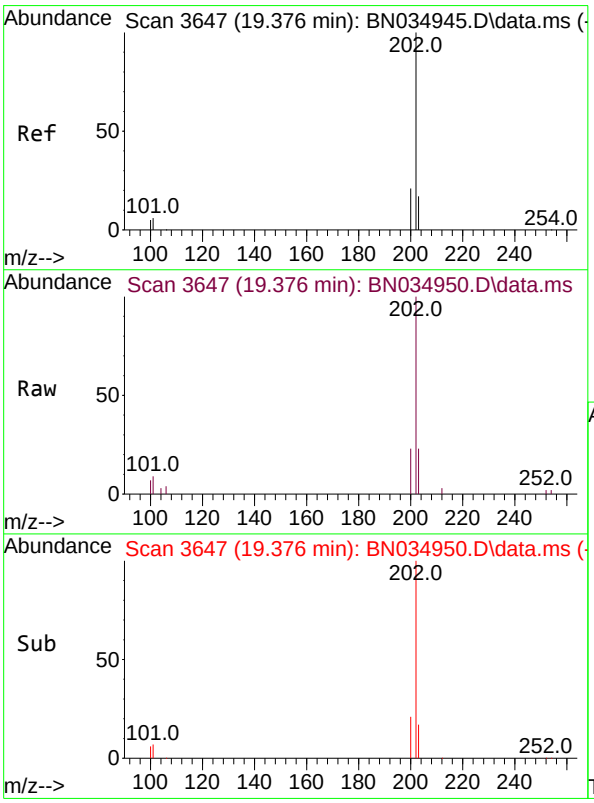
#19
Fluoranthene
Concen: 0.479 ng/ul
RT: 19.014 min Scan# 3
Delta R.T. -0.004 min
Lab File: BN034950.D
Acq: 09 Nov 2024 20:37

Instrument :
BNA_N
ClientSampleId :
GCP72MS

Tgt Ion:202 Resp: 25982

Ion	Ratio	Lower	Upper
202	100		
101	7.7	4.2	6.2#
100	5.3	3.2	4.8#

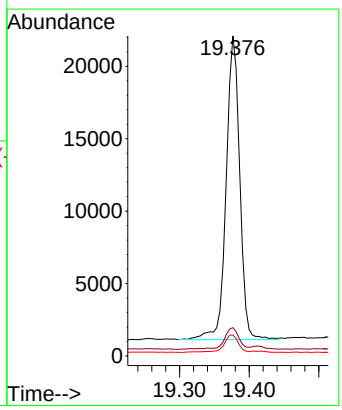


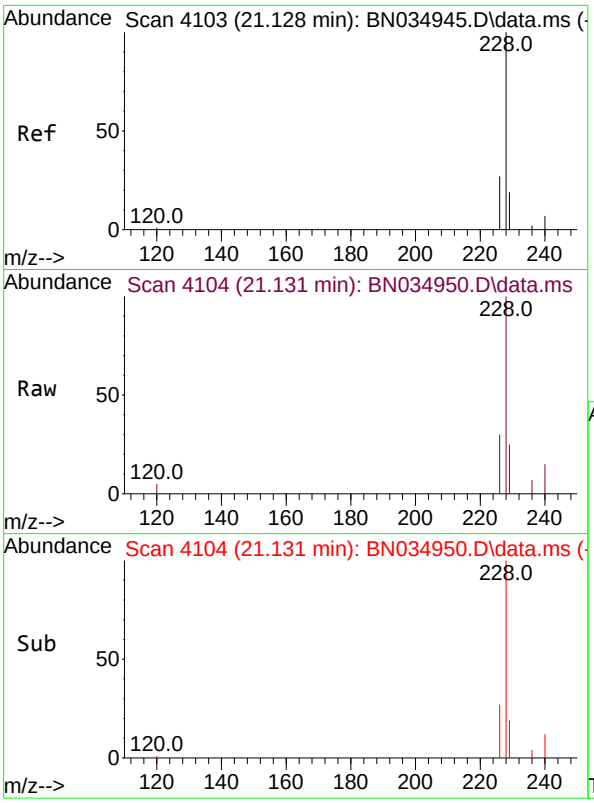


#20
Pyrene
Concen: 0.508 ng/ul
RT: 19.376 min Scan# 3647
Delta R.T. -0.004 min
Lab File: BN034950.D
Acq: 09 Nov 2024 20:37

Tgt Ion:202 Resp: 28590

Ion	Ratio	Lower	Upper
202	100		
101	8.8	5.0	7.4#
100	6.5	4.1	6.1#



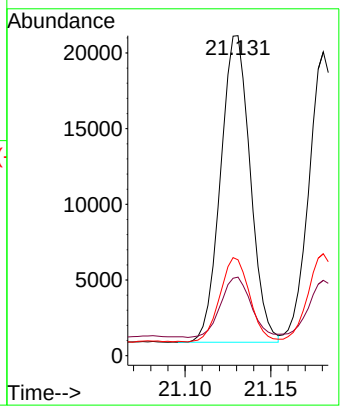


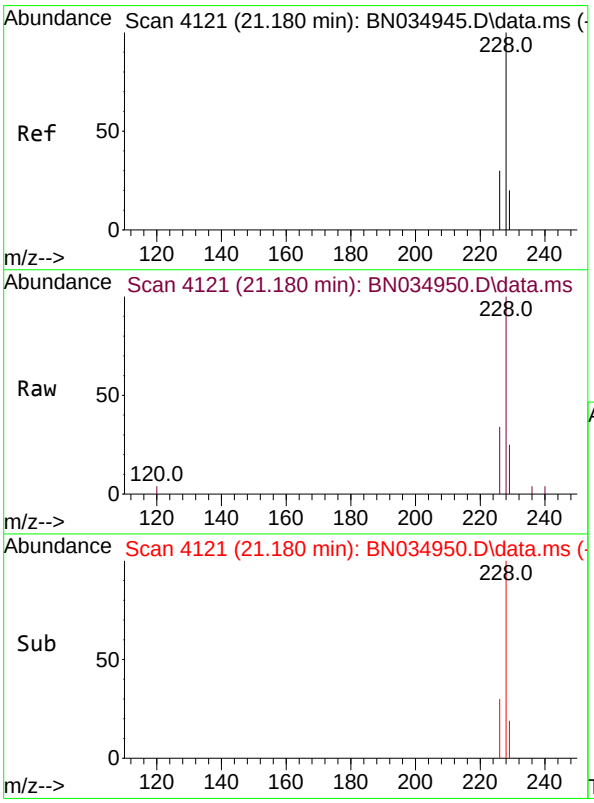
#21
Benzo(a)anthracene
Concen: 0.414 ng/ul
RT: 21.131 min Scan# 4
Delta R.T. 0.000 min
Lab File: BN034950.D
Acq: 09 Nov 2024 20:37

Instrument :
BNA_N
ClientSampleId :
GCP72MS

Tgt Ion:228 Resp: 24355

Ion	Ratio	Lower	Upper
228	100		
229	24.5	15.8	23.8#
226	30.0	22.2	33.2

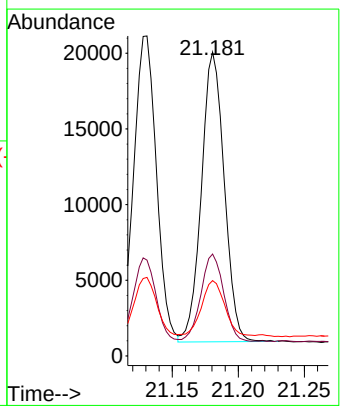


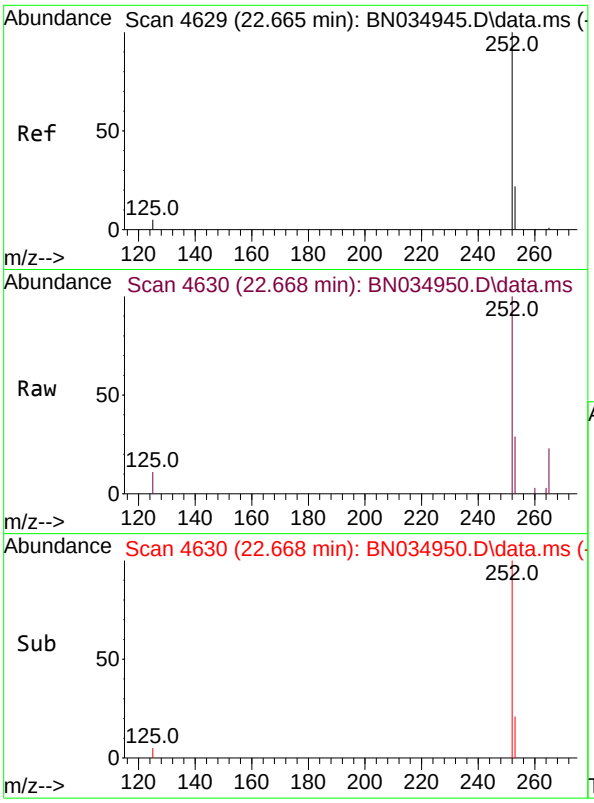


#22
Chrysene
Concen: 0.384 ng/ul
RT: 21.180 min Scan# 4121
Delta R.T. -0.003 min
Lab File: BN034950.D
Acq: 09 Nov 2024 20:37

Tgt Ion:228 Resp: 23038

Ion	Ratio	Lower	Upper
228	100		
226	33.5	24.2	36.4
229	24.8	15.4	23.2#



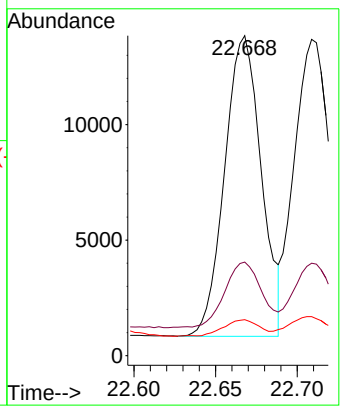


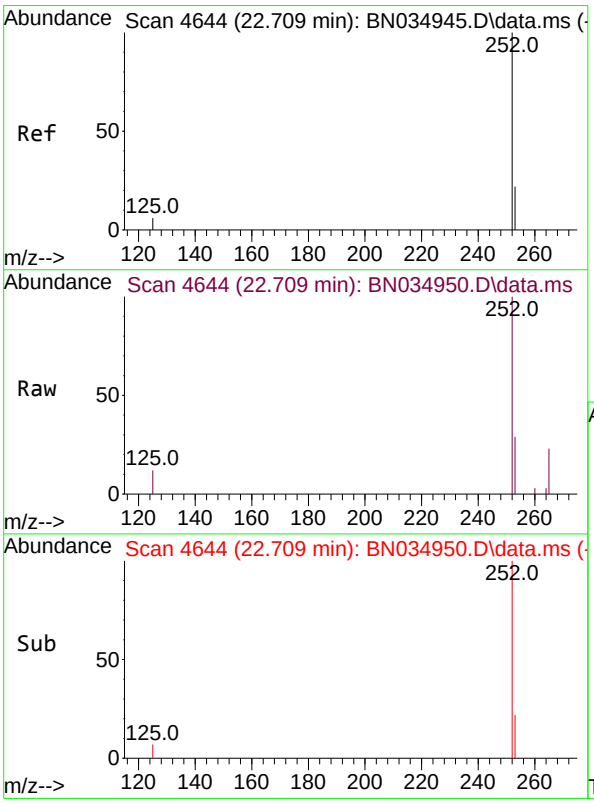
#24
Benzo(b)fluoranthene
Concen: 0.413 ng/ul
RT: 22.668 min Scan# 4
Delta R.T. -0.003 min
Lab File: BN034950.D
Acq: 09 Nov 2024 20:37

Instrument :
BNA_N
ClientSampleId :
GCP72MS

Tgt Ion:252 Resp: 20356

Ion	Ratio	Lower	Upper
252	100		
253	29.3	0.0	50.0
125	11.3	0.0	14.0

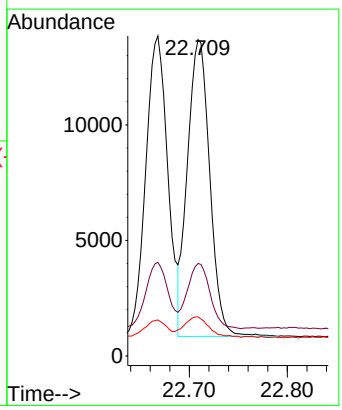


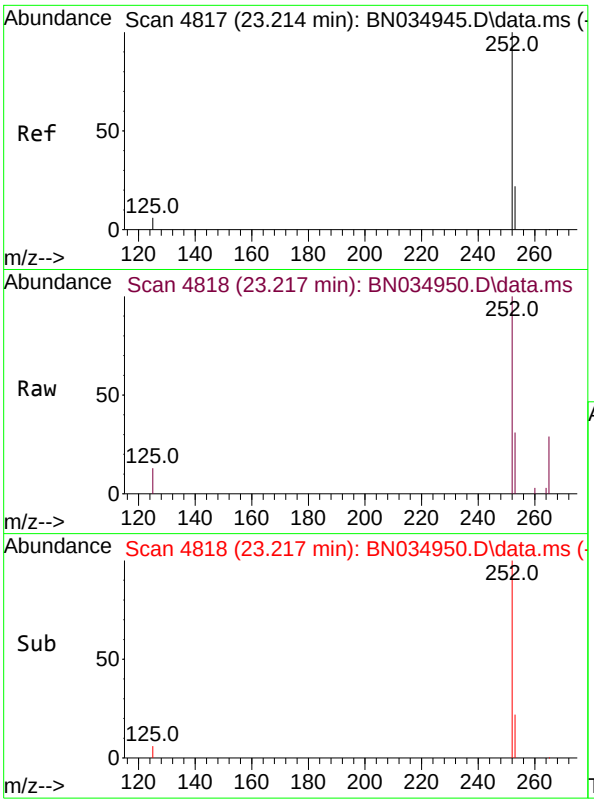


#25
Benzo(k)fluoranthene
Concen: 0.394 ng/ul
RT: 22.709 min Scan# 4644
Delta R.T. -0.003 min
Lab File: BN034950.D
Acq: 09 Nov 2024 20:37

Tgt Ion:252 Resp: 20348

Ion	Ratio	Lower	Upper
252	100		
253	29.2	20.2	30.4
125	12.3	5.8	8.8#



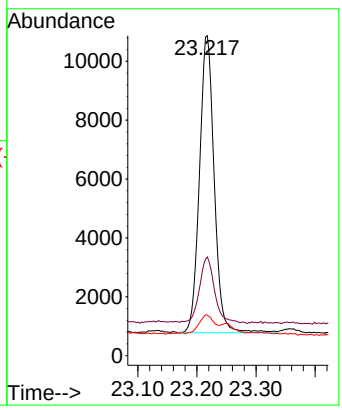


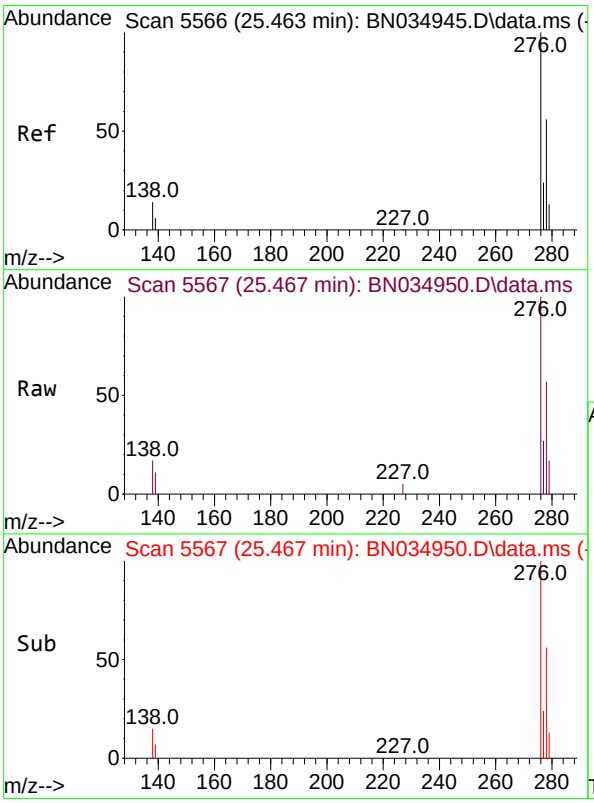
#26
Benzo(a)pyrene
Concen: 0.398 ng/ul
RT: 23.217 min Scan# 4
Delta R.T. 0.000 min
Lab File: BN034950.D
Acq: 09 Nov 2024 20:37

Instrument :
BNA_N
ClientSampleId :
GCP72MS

Tgt Ion:252 Resp: 17535

Ion	Ratio	Lower	Upper
252	100		
253	30.8	21.2	31.8
125	12.7	6.3	9.5#

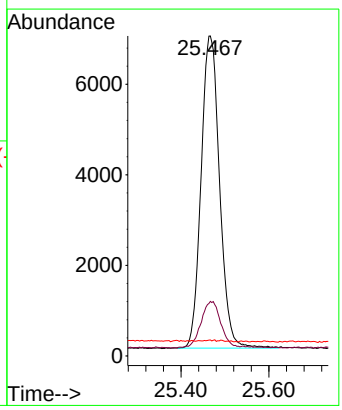


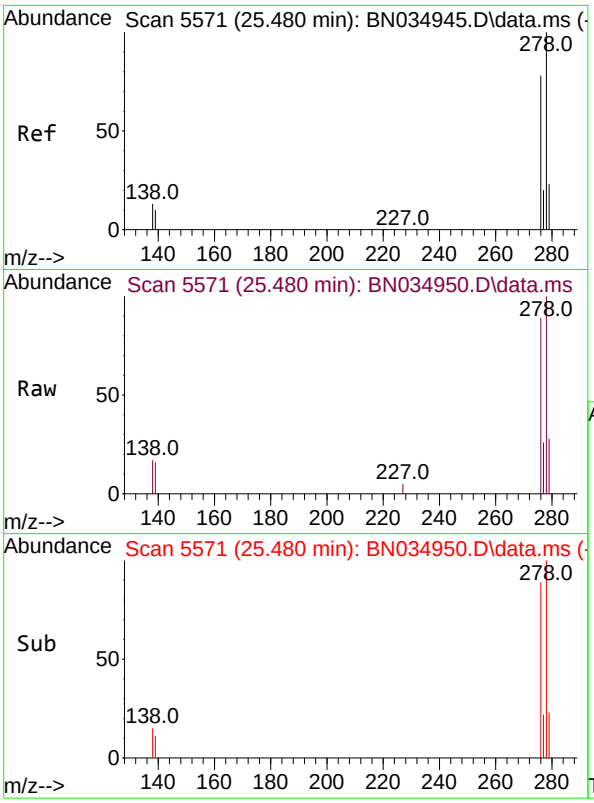


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.374 ng/ul
RT: 25.467 min Scan# 5567
Delta R.T. -0.003 min
Lab File: BN034950.D
Acq: 09 Nov 2024 20:37

Tgt Ion:276 Resp: 20152

Ion	Ratio	Lower	Upper
276	100		
138	16.0	10.8	16.2
227	0.2	0.2	0.4#



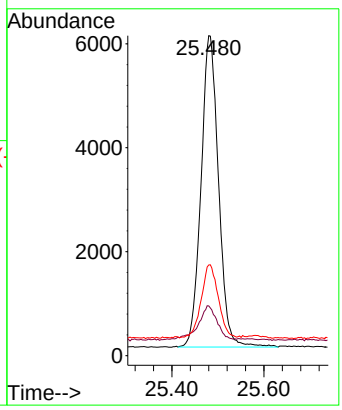


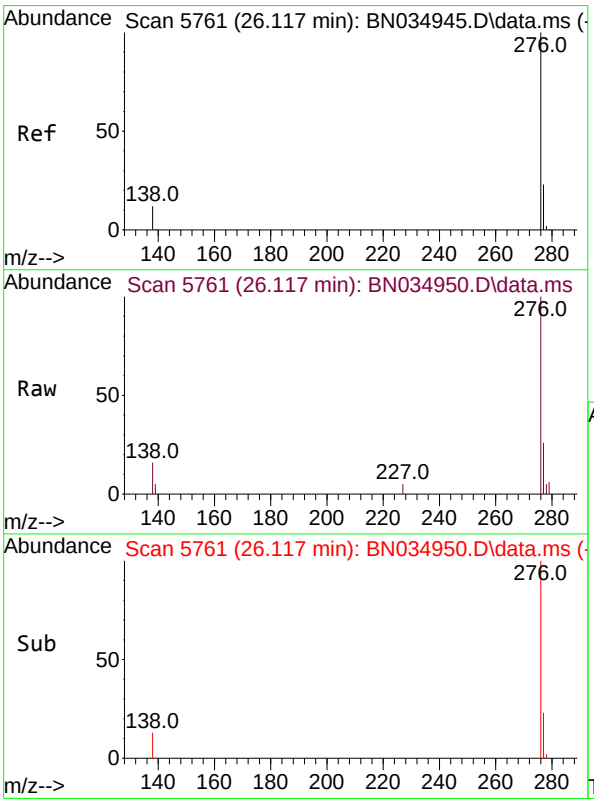
#28
Dibenzo(a,h)anthracene
Concen: 0.378 ng/ul
RT: 25.480 min Scan# 5
Delta R.T. -0.006 min
Lab File: BN034950.D
Acq: 09 Nov 2024 20:37

Instrument :
BNA_N
ClientSampleId :
GCP72MS

Tgt Ion:278 Resp: 15871

Ion	Ratio	Lower	Upper
278	100		
139	15.5	8.4	12.6#
279	28.3	21.5	32.3





#29
Benzo(g,h,i)perylene
Concen: 0.375 ng/ul
RT: 26.117 min Scan# 5761
Delta R.T. -0.010 min
Lab File: BN034950.D
Acq: 09 Nov 2024 20:37

Tgt Ion:276 Resp: 15451

Ion	Ratio	Lower	Upper
276	100		
138	15.9	10.3	15.5#
277	25.8	20.2	30.2