Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110924\
Data File : BN034913.D
Acq On : 08 Nov 2024 20:40
Operator : RC/JU
Sample : SSTD0.131
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTD0.1216

Quant Time: Nov 08 23:55:48 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 : Fri Nov 08 23:54:11 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.575	152	1295	0.400	ng/ul	0.00
4) Naphthalene-d8	10.339	136	3061	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.208	164	2337	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.954	188	6270	0.400	ng/ul	0.00
17) Chrysene-d12	21.148	240	6570	0.400	ng/ul	0.00
23) Perylene-d12	23.317	264	6982	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.157	96	107	0.080	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.934	152	479	0.125	ng/ul	0.00
18) Fluoranthene-d10	18.986	212	1782	0.083	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.187	88	149	0.101	ng/ul#	85
5) Naphthalene	10.388	128	796	0.098	ng/ul#	86
7) 2-Methylnaphthalene	12.011	142	597	0.113	ng/ul	99
8) 1-Methylnaphthalene	12.231	142	592	0.110	ng/ul	100
10) Acenaphthylene	13.926	152	1005	0.094	ng/ul#	88
11) Acenaphthene	14.268	153	752	0.092	ng/ul	96
12) Fluorene	15.263	166	950	0.105	ng/ul#	98
14) Pentachlorophenol	16.608	266	81	0.065	ng/ul	95
15) Phenanthrene	16.996	178	1730	0.091	ng/ul	96
16) Anthracene	17.085	178	1609	0.092	ng/ul	95
19) Fluoranthene	19.014	202	2273	0.071	ng/ul#	93
20) Pyrene	19.381	202	2387	0.072	ng/ul#	96
21) Benzo(a)anthracene	21.131	228	2474	0.094	ng/ul	98
22) Chrysene	21.183	228	2508	0.095	ng/ul	97
24) Benzo(b)fluoranthene	22.668	252	2507	0.088	ng/ul	83
25) Benzo(k)fluoranthene	22.712	252	2646	0.092	ng/ul#	80
26) Benzo(a)pyrene	23.220	252	2252	0.092	ng/ul#	76
27) Indeno(1,2,3-cd)pyrene	25.470	276	2710	0.104	ng/ul#	67
28) Dibenzo(a,h)anthracene	25.487	278	2108	0.107	ng/ul#	80
29) Benzo(g,h,i)perylene	26.121	276	2059	0.101	ng/ul#	90

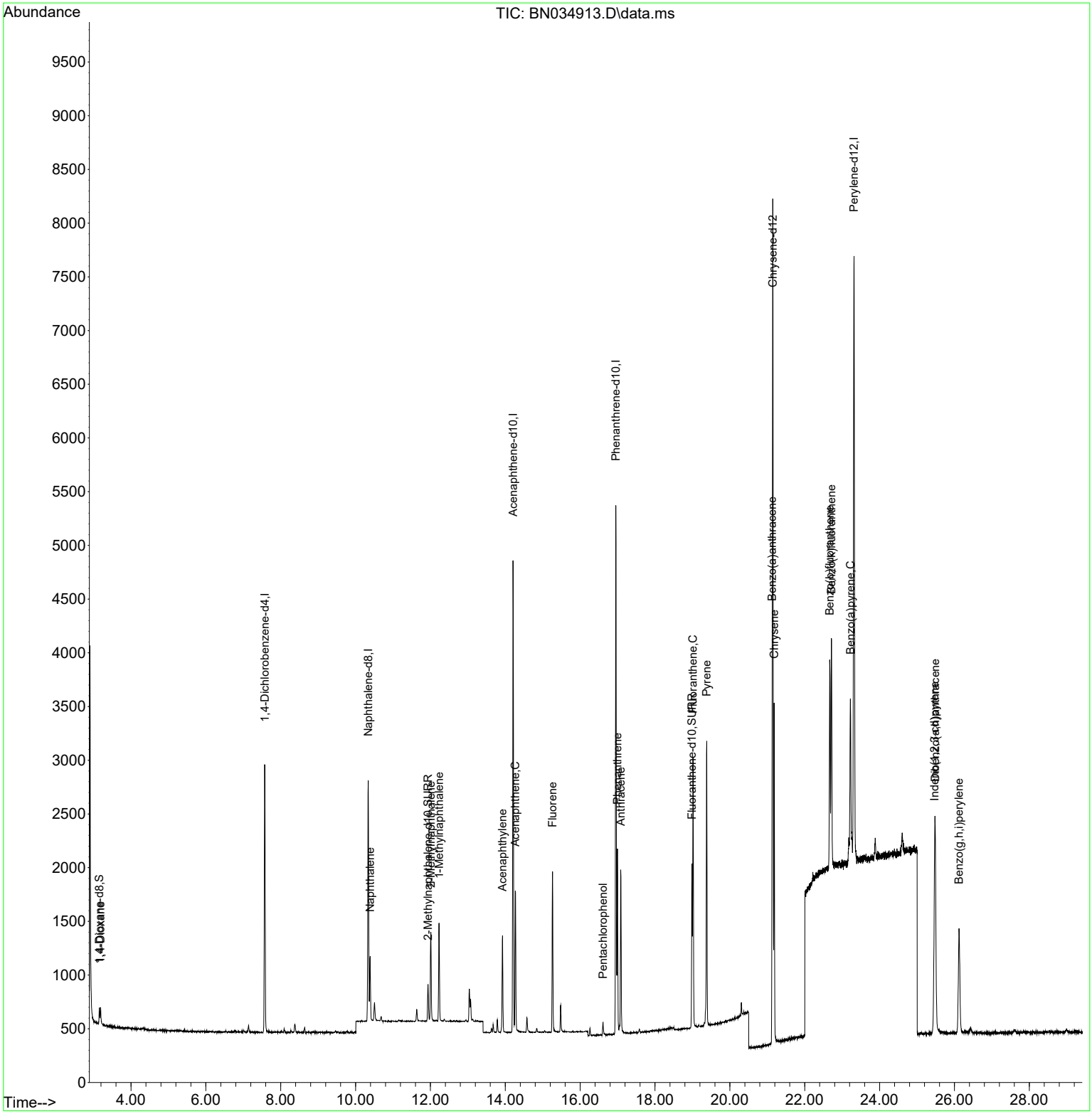
(#) = qualifier out of range (m) = manual integration (+) = signals summed

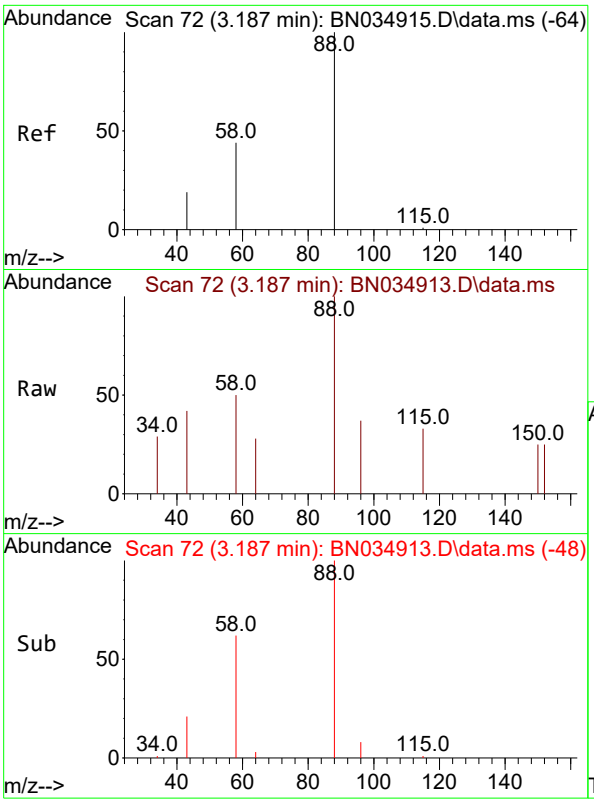
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110924\
Data File : BN034913.D
Acq On : 08 Nov 2024 20:40
Operator : RC/JU
Sample : SSTD0.131
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTD0.1216

Quant Time: Nov 08 23:55:48 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 : Fri Nov 08 23:54:11 2024
Response via : Initial Calibration



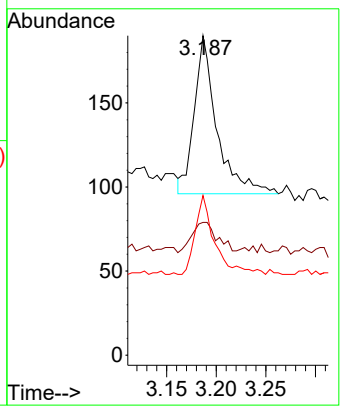


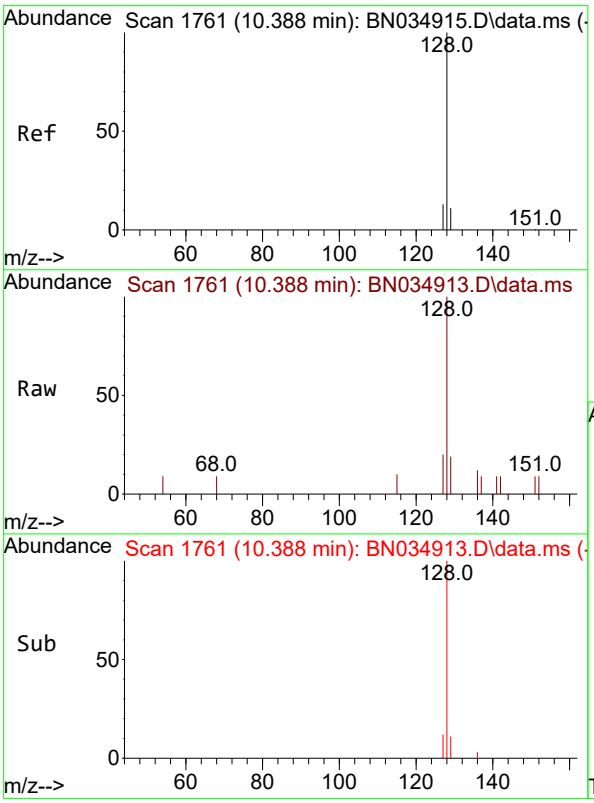
#2
1,4-Dioxane
Concen: 0.101 ng/ul
RT: 3.187 min Scan# 7
Delta R.T. 0.000 min
Lab File: BN034913.D
Acq: 08 Nov 2024 20:40

Instrument :
BNA_N
ClientSampleId :
SSTD0.1216

Tgt Ion: 88 Resp: 149

Ion	Ratio	Lower	Upper
88	100		
43	41.6	23.3	34.9#
58	50.0	35.4	53.2

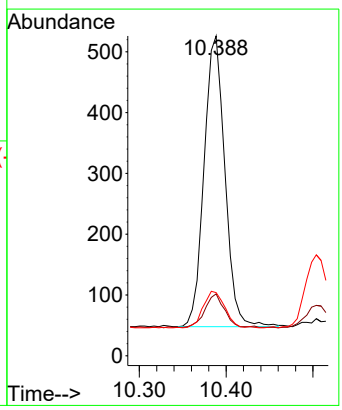


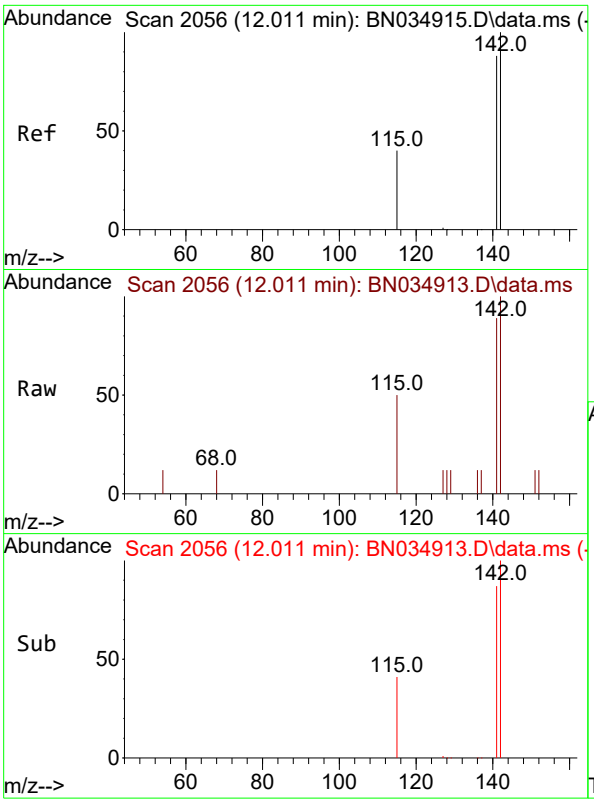


#5
Naphthalene
Concen: 0.098 ng/ul
RT: 10.388 min Scan# 1761
Delta R.T. 0.000 min
Lab File: BN034913.D
Acq: 08 Nov 2024 20:40

Tgt Ion:128 Resp: 796

Ion	Ratio	Lower	Upper
128	100		
129	19.4	10.1	15.1#
127	19.8	12.1	18.1#



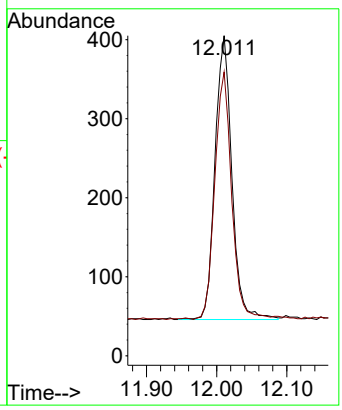


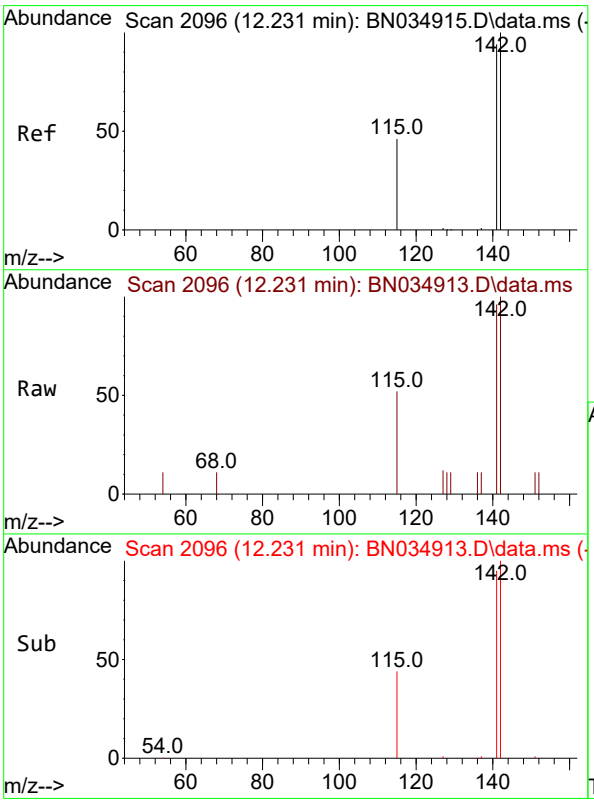
#7
2-Methylnaphthalene
Concen: 0.113 ng/ul
RT: 12.011 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN034913.D
Acq: 08 Nov 2024 20:40

Instrument :
BNA_N
ClientSampleId :
SSTD0.1216

Tgt Ion:142 Resp: 597

Ion	Ratio	Lower	Upper
142	100		
141	87.4	70.8	106.2

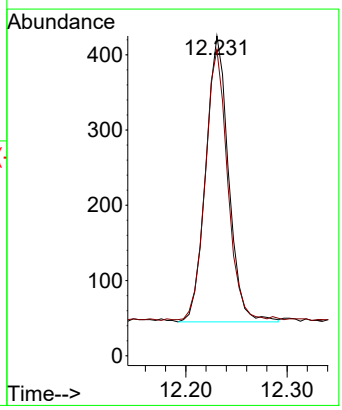


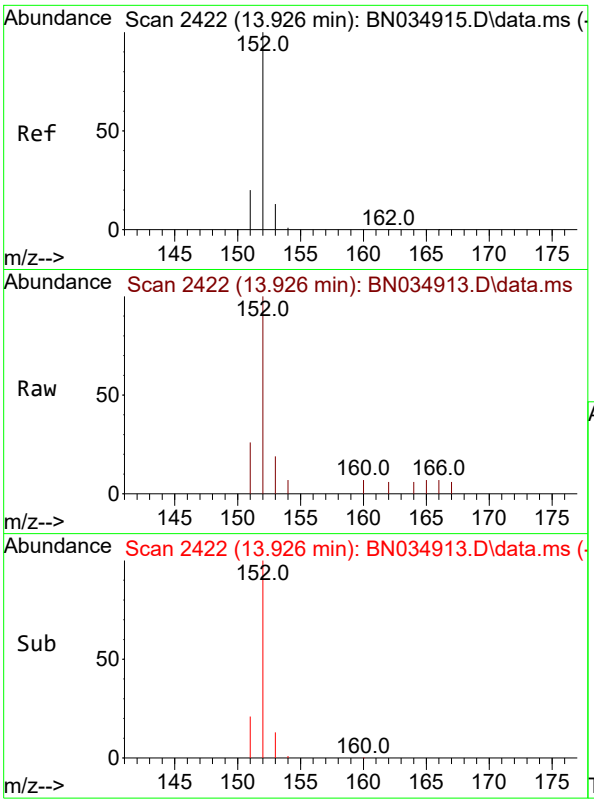


#8
1-Methylnaphthalene
Concen: 0.110 ng/ul
RT: 12.231 min Scan# 2096
Delta R.T. 0.000 min
Lab File: BN034913.D
Acq: 08 Nov 2024 20:40

Tgt Ion:142 Resp: 592

Ion	Ratio	Lower	Upper
142	100		
141	93.2	74.6	111.8



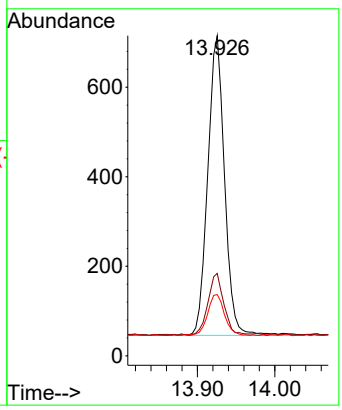


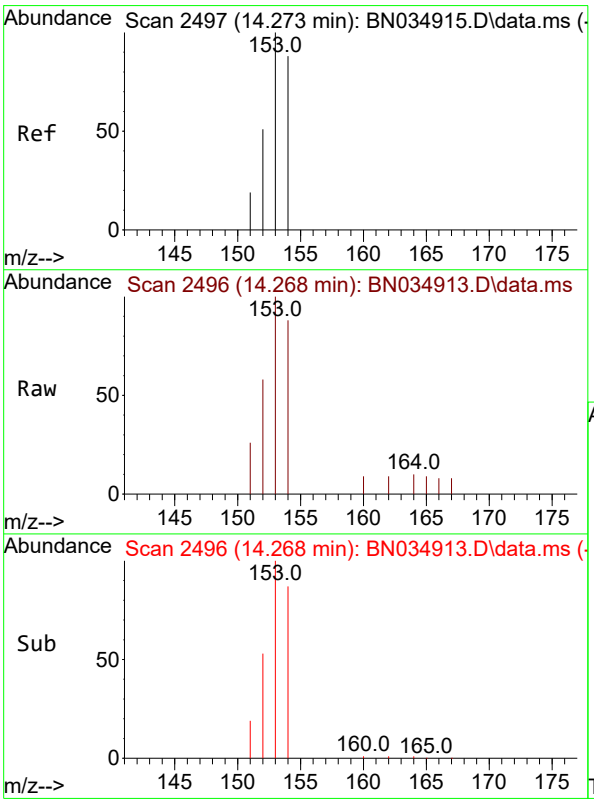
#10
Acenaphthylene
Concen: 0.094 ng/ul
RT: 13.926 min Scan# 24
Delta R.T. 0.000 min
Lab File: BN034913.D
Acq: 08 Nov 2024 20:40

Instrument :
BNA_N
ClientSampleId :
SSTD0.1216

Tgt Ion:152 Resp: 1005

Ion	Ratio	Lower	Upper
152	100		
151	25.7	16.6	24.8#
153	19.2	11.0	16.6#

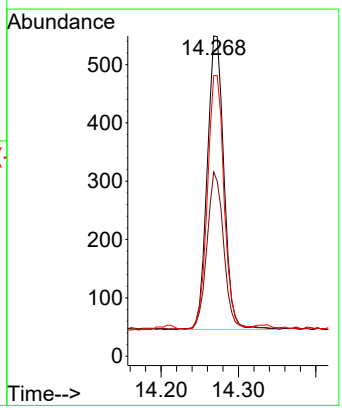


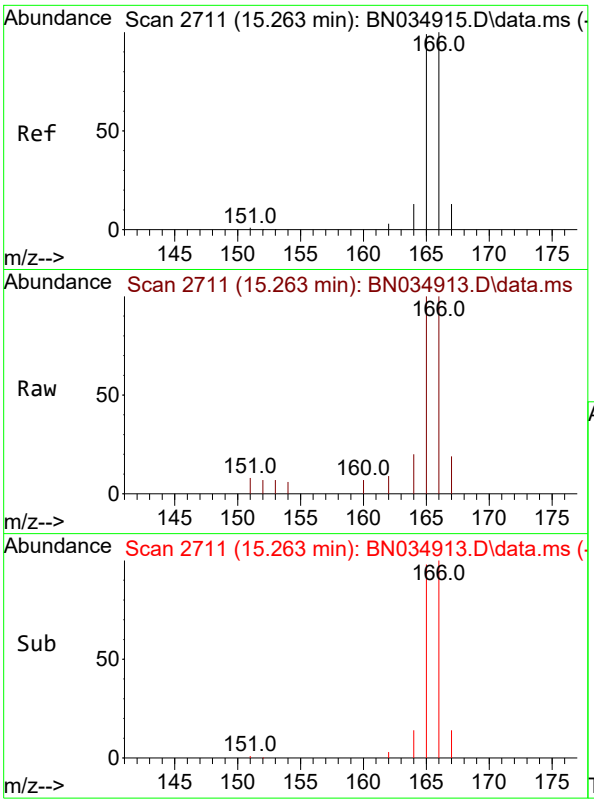


#11
Acenaphthene
Concen: 0.092 ng/ul
RT: 14.268 min Scan# 2496
Delta R.T. -0.005 min
Lab File: BN034913.D
Acq: 08 Nov 2024 20:40

Tgt Ion:153 Resp: 752

Ion	Ratio	Lower	Upper
153	100		
152	57.6	41.5	62.3
154	87.6	70.9	106.3



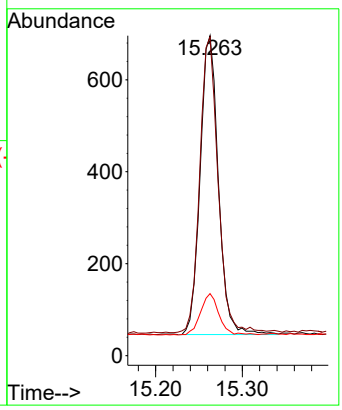


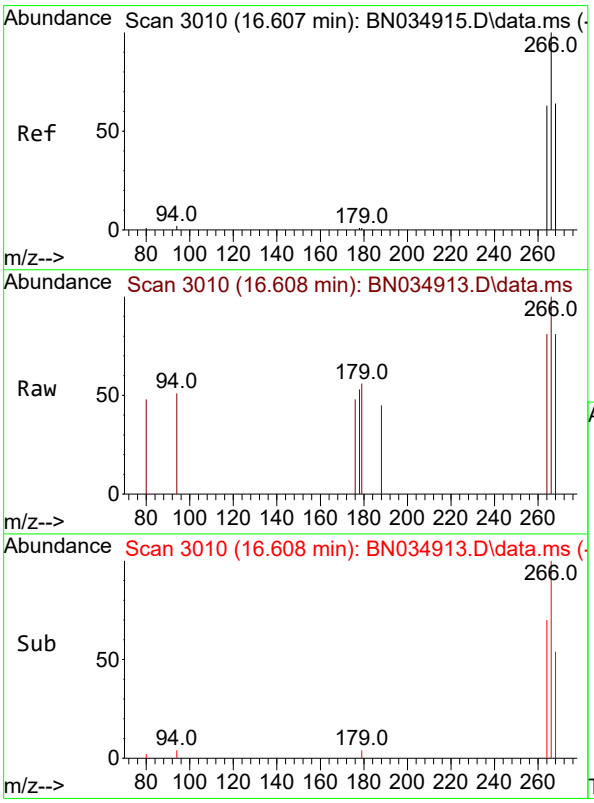
#12
Fluorene
Concen: 0.105 ng/ul
RT: 15.263 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN034913.D
Acq: 08 Nov 2024 20:40

Instrument :
BNA_N
ClientSampleId :
SSTD0.1216

Tgt Ion:166 Resp: 950

Ion	Ratio	Lower	Upper
166	100		
165	99.6	79.0	118.4
167	19.4	11.8	17.6#

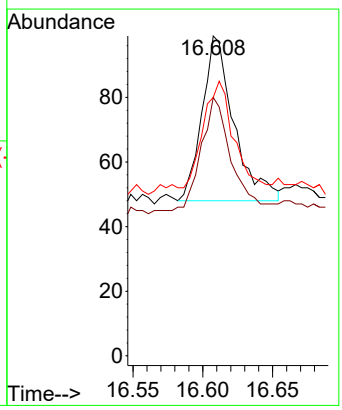


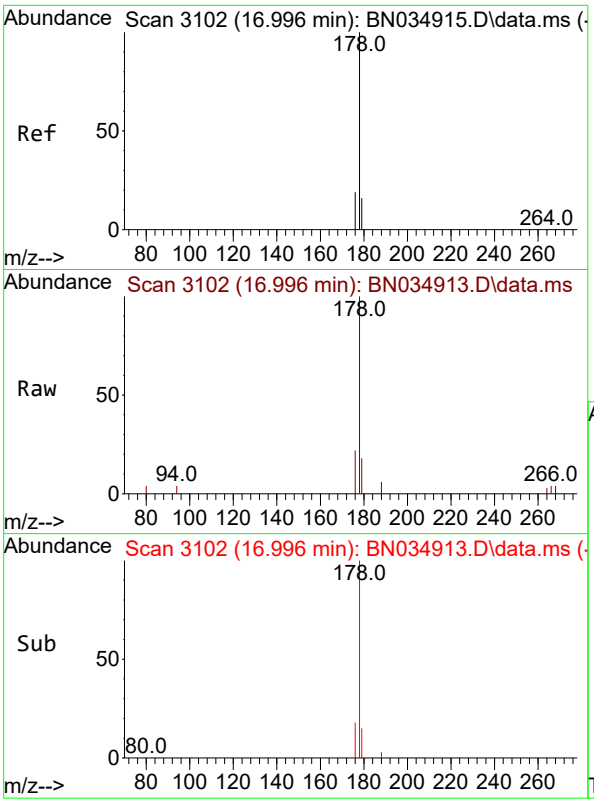


#14
Pentachlorophenol
Concen: 0.065 ng/ul
RT: 16.608 min Scan# 3010
Delta R.T. 0.000 min
Lab File: BN034913.D
Acq: 08 Nov 2024 20:40

Tgt Ion:266 Resp: 81

Ion	Ratio	Lower	Upper
266	100		
264	70.4	50.2	75.2
268	60.5	48.4	72.6



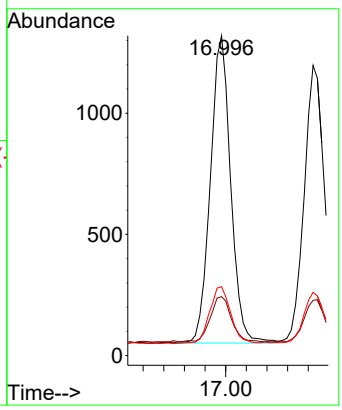


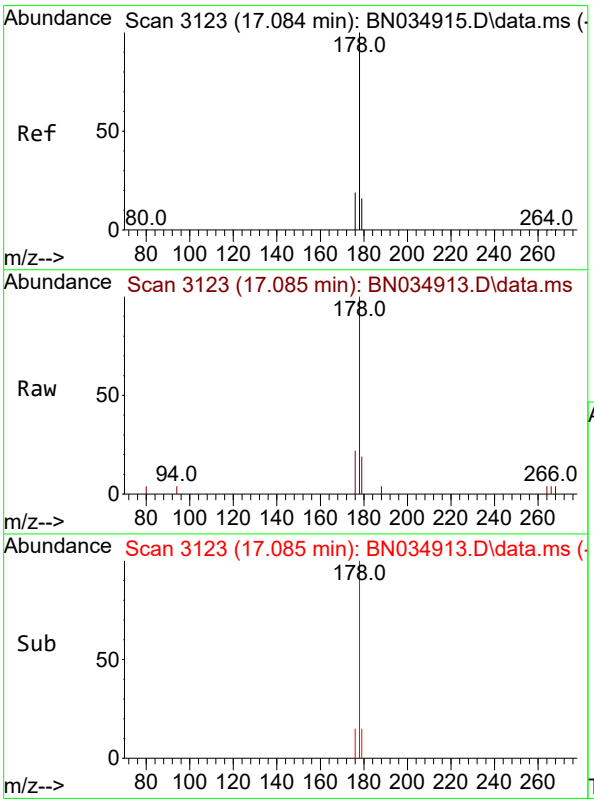
#15
Phenanthrene
Concen: 0.091 ng/ul
RT: 16.996 min Scan# 3
Delta R.T. 0.000 min
Lab File: BN034913.D
Acq: 08 Nov 2024 20:40

Instrument :
BNA_N
ClientSampleId :
SSTD0.1216

Tgt Ion:178 Resp: 1730

Ion	Ratio	Lower	Upper
178	100		
179	18.4	13.4	20.2
176	21.5	15.8	23.6

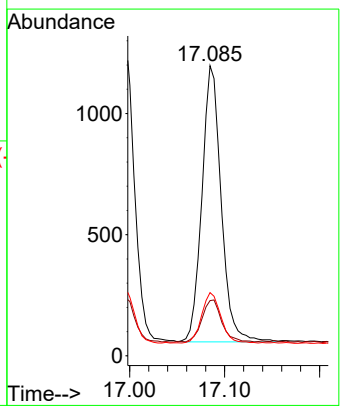


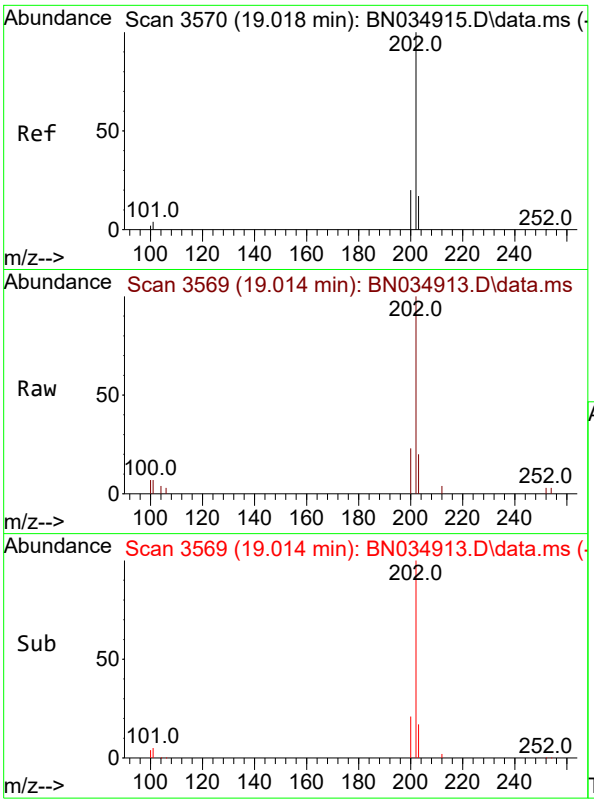


#16
Anthracene
Concen: 0.092 ng/ul
RT: 17.085 min Scan# 3123
Delta R.T. 0.000 min
Lab File: BN034913.D
Acq: 08 Nov 2024 20:40

Tgt Ion:178 Resp: 1609

Ion	Ratio	Lower	Upper
178	100		
179	19.0	13.3	19.9
176	21.8	15.8	23.8



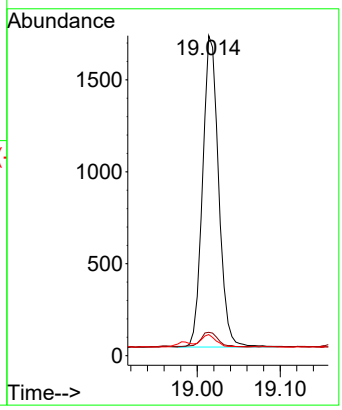


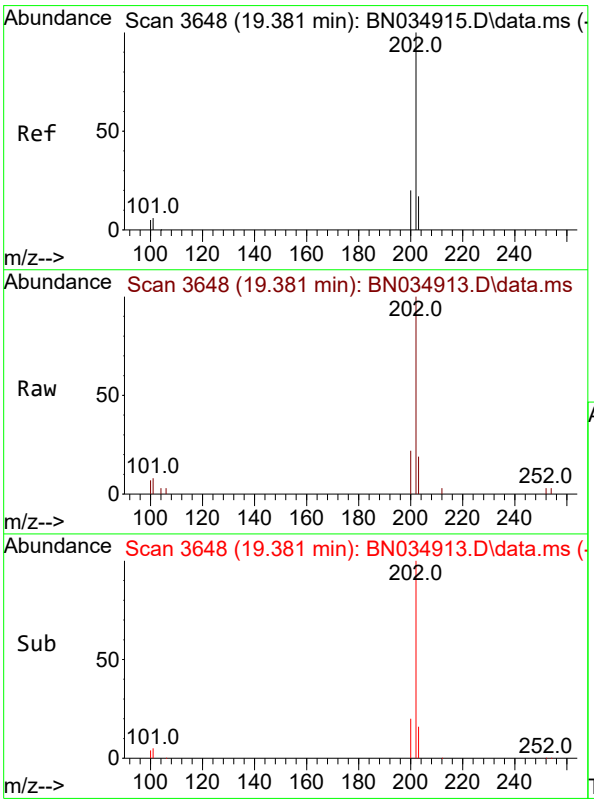
#19
Fluoranthene
Concen: 0.071 ng/ul
RT: 19.014 min Scan# 3
Delta R.T. -0.005 min
Lab File: BN034913.D
Acq: 08 Nov 2024 20:40

Instrument :
BNA_N
ClientSampleId :
SSTD0.1216

Tgt Ion:202 Resp: 2273

Ion	Ratio	Lower	Upper
202	100		
101	7.3	4.2	6.2#
100	6.6	3.2	4.8#

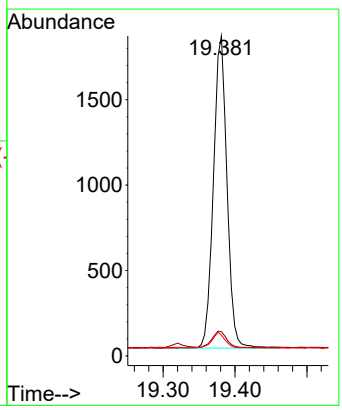


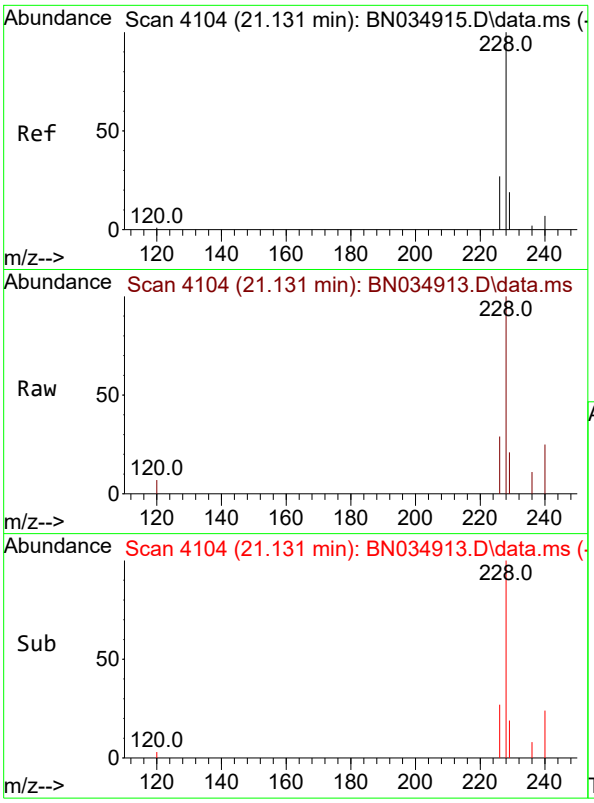


#20
Pyrene
Concen: 0.072 ng/ul
RT: 19.381 min Scan# 3648
Delta R.T. 0.000 min
Lab File: BN034913.D
Acq: 08 Nov 2024 20:40

Tgt Ion:202 Resp: 2387

Ion	Ratio	Lower	Upper
202	100		
101	7.6	5.0	7.4#
100	6.5	4.1	6.1#



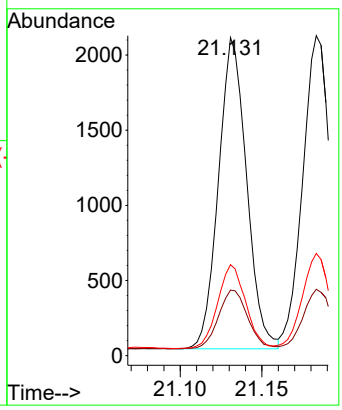


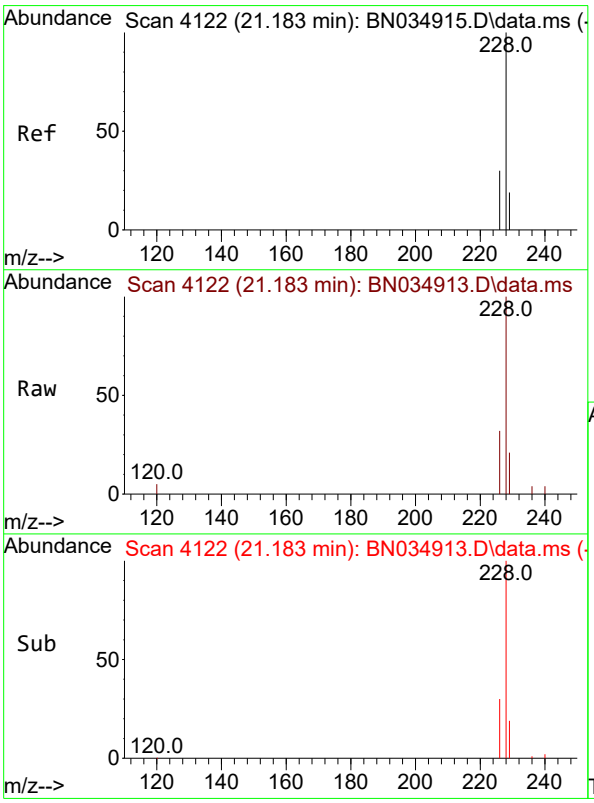
#21
Benzo(a)anthracene
Concen: 0.094 ng/ul
RT: 21.131 min Scan# 4
Delta R.T. 0.000 min
Lab File: BN034913.D
Acq: 08 Nov 2024 20:40

Instrument :
BNA_N
ClientSampleId :
SSTD0.1216

Tgt Ion:228 Resp: 2474

Ion	Ratio	Lower	Upper
228	100		
229	20.6	15.8	23.8
226	28.6	22.2	33.2

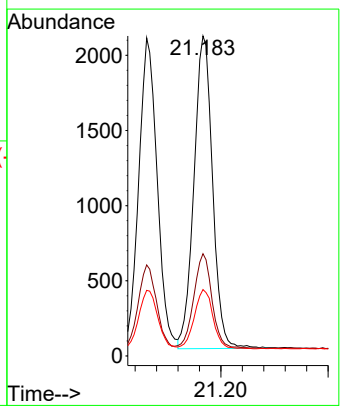


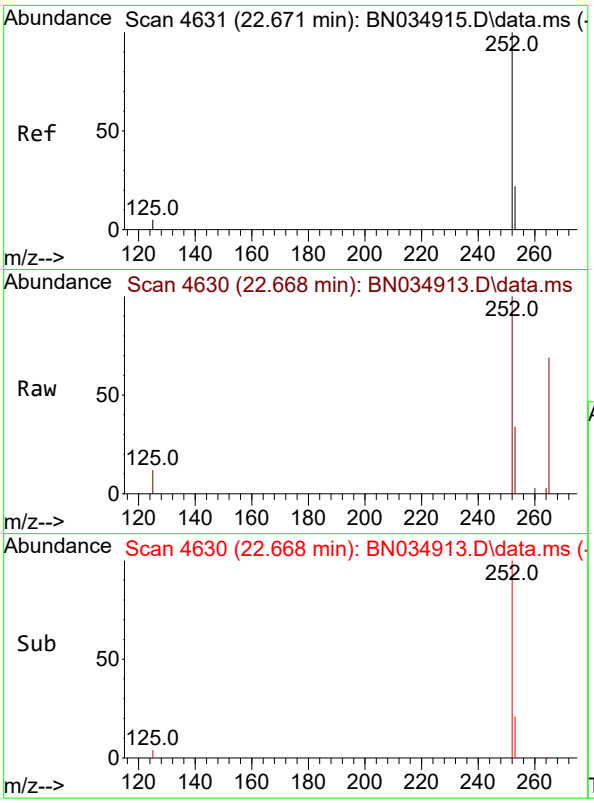


#22
Chrysene
Concen: 0.095 ng/ul
RT: 21.183 min Scan# 4122
Delta R.T. 0.000 min
Lab File: BN034913.D
Acq: 08 Nov 2024 20:40

Tgt Ion:228 Resp: 2508

Ion	Ratio	Lower	Upper
228	100		
226	31.9	24.2	36.4
229	20.8	15.4	23.2



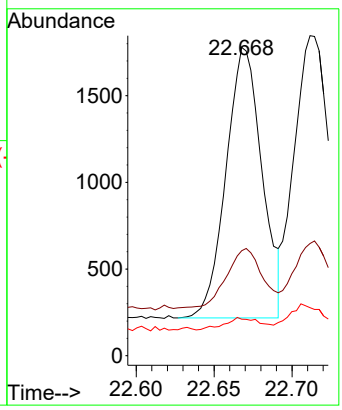


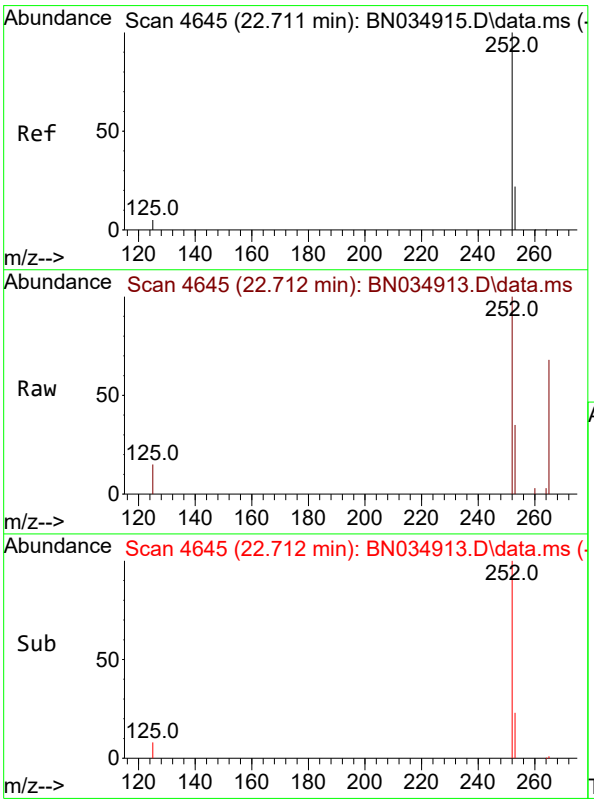
#24
Benzo(b)fluoranthene
Concen: 0.088 ng/ul
RT: 22.668 min Scan# 4
Delta R.T. -0.003 min
Lab File: BN034913.D
Acq: 08 Nov 2024 20:40

Instrument :
BNA_N
ClientSampleId :
SSTD0.1216

Tgt Ion:252 Resp: 2507

Ion	Ratio	Lower	Upper
252	100		
253	34.1	0.0	50.0
125	11.9	0.0	14.0

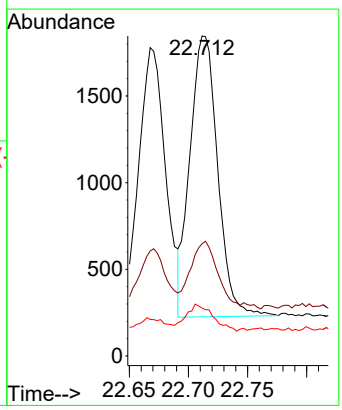


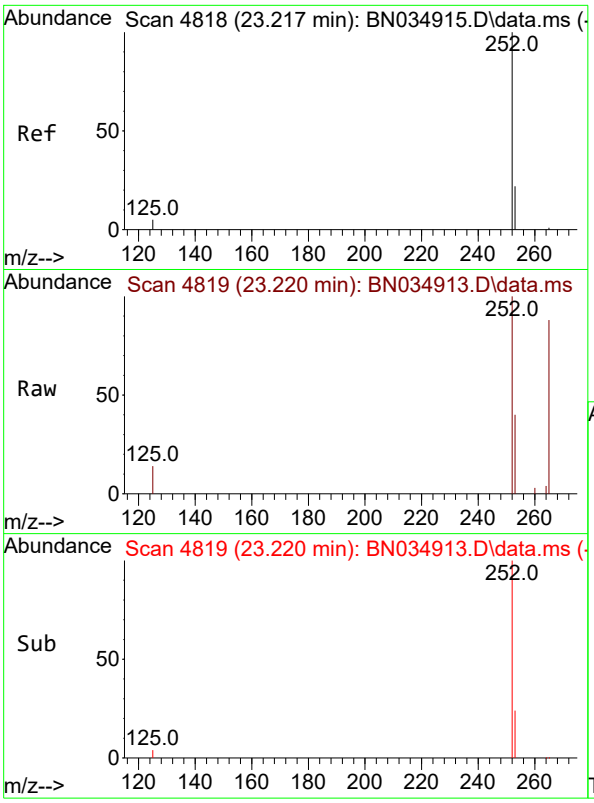


#25
Benzo(k)fluoranthene
Concen: 0.092 ng/ul
RT: 22.712 min Scan# 4645
Delta R.T. 0.000 min
Lab File: BN034913.D
Acq: 08 Nov 2024 20:40

Tgt Ion:252 Resp: 2646

Ion	Ratio	Lower	Upper
252	100		
253	35.0	20.2	30.4#
125	15.0	5.8	8.8#



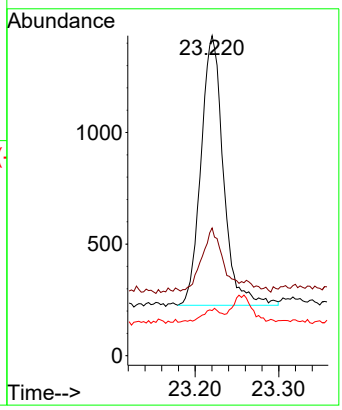


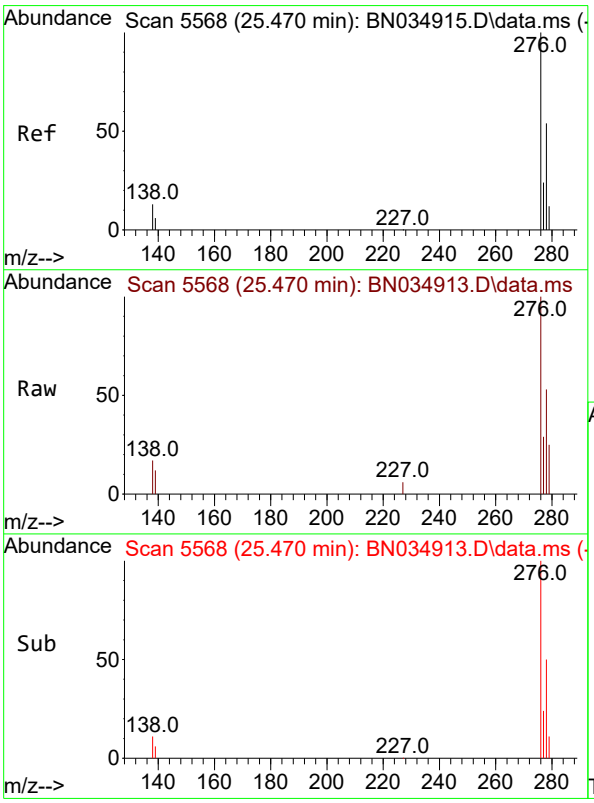
#26
Benzo(a)pyrene
Concen: 0.092 ng/ul
RT: 23.220 min Scan# 4
Delta R.T. 0.003 min
Lab File: BN034913.D
Acq: 08 Nov 2024 20:40

Instrument :
BNA_N
ClientSampleId :
SSTD0.1216

Tgt Ion:252 Resp: 2252

Ion	Ratio	Lower	Upper
252	100		
253	39.9	21.2	31.8#
125	14.1	6.3	9.5#

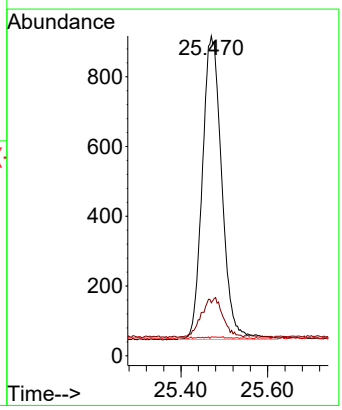


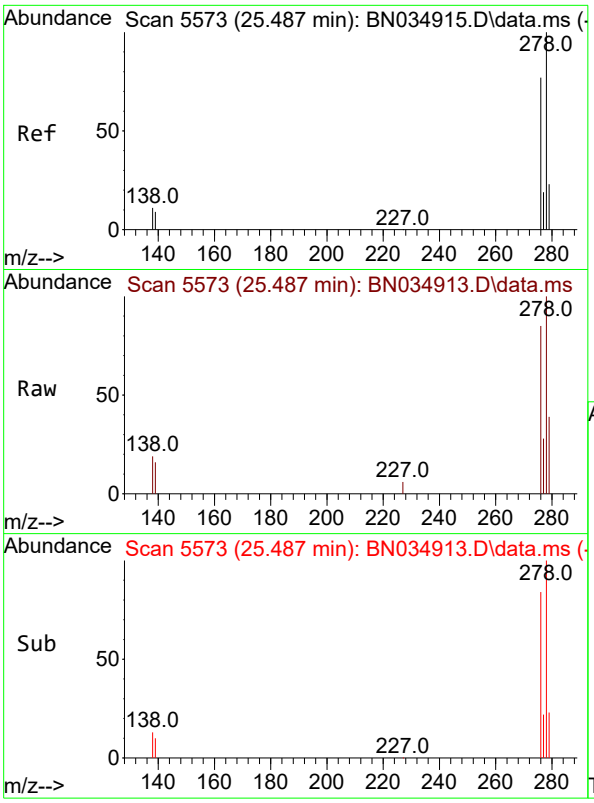


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.104 ng/ul
RT: 25.470 min Scan# 5568
Delta R.T. 0.000 min
Lab File: BN034913.D
Acq: 08 Nov 2024 20:40

Tgt Ion:276 Resp: 2710

Ion	Ratio	Lower	Upper
276	100		
138	0.0	10.8	16.2#
227	0.1	0.2	0.4#



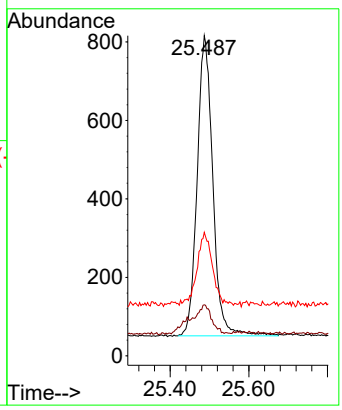


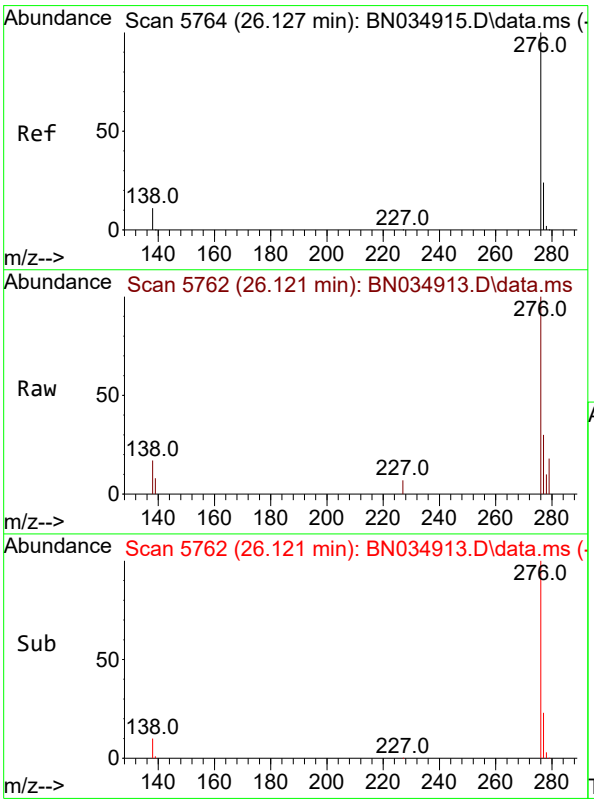
#28
Dibenzo(a,h)anthracene
Concen: 0.107 ng/ul
RT: 25.487 min Scan# 5
Delta R.T. 0.000 min
Lab File: BN034913.D
Acq: 08 Nov 2024 20:40

Instrument :
BNA_N
ClientSampleId :
SSTD0.1216

Tgt Ion:278 Resp: 2108

Ion	Ratio	Lower	Upper
278	100		
139	15.9	8.4	12.6#
279	38.6	21.5	32.3#





#29
Benzo(g,h,i)perylene
Concen: 0.101 ng/ul
RT: 26.121 min Scan# 5762
Delta R.T. -0.007 min
Lab File: BN034913.D
Acq: 08 Nov 2024 20:40

Tgt Ion:276 Resp: 2059

Ion	Ratio	Lower	Upper
276	100		
138	16.6	10.3	15.5#
277	30.1	20.2	30.2