Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110924\
Data File : BN034916.D
Acq On : 08 Nov 2024 22:28
Operator : RC/JU
Sample : SSTD0.834
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTD0.8219

Quant Time: Nov 08 23:56:26 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	1702	0.400	ng/ul	0.00
4) Naphthalene-d8	10.339	136	4088	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.208	164	3078	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.954	188	7911	0.400	ng/ul	0.00
17) Chrysene-d12	21.148	240	8518	0.400	ng/ul	0.00
23) Perylene-d12	23.314	264	8682	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.153	96	1290	0.732	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.934	152	4970	0.970	ng/ul	0.00
18) Fluoranthene-d10	18.986	212	17116	0.617	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.182	88	1420	0.734	ng/ul	94
5) Naphthalene	10.388	128	8099	0.748	ng/ul	98
7) 2-Methylnaphthalene	12.011	142	6047	0.859	ng/ul	99
8) 1-Methylnaphthalene	12.231	142	6088	0.849	ng/ul	98
10) Acenaphthylene	13.926	152	9876	0.705	ng/ul	98
11) Acenaphthene	14.273	153	7547	0.704	ng/ul	99
12) Fluorene	15.263	166	9578	0.802	ng/ul	100
14) Pentachlorophenol	16.608	266	1467	0.940	ng/ul	97
15) Phenanthrene	16.996	178	16739	0.700	ng/ul	98
16) Anthracene	17.085	178	15826	0.715	ng/ul	98
19) Fluoranthene	19.019	202	22518	0.545	ng/ul	100
20) Pyrene	19.381	202	23168	0.539	ng/ul	100
21) Benzo(a)anthracene	21.131	228	24301	0.713	ng/ul	99
22) Chrysene	21.183	228	24658	0.722	ng/ul	100
24) Benzo(b)fluoranthene	22.671	252	24310	0.688	ng/ul	97
25) Benzo(k)fluoranthene	22.712	252	25388	0.712	ng/ul	96
26) Benzo(a)pyrene	23.220	252	21571	0.709	ng/ul	95
27) Indeno(1,2,3-cd)pyrene	25.467	276	26516	0.818	ng/ul	99
28) Dibenzo(a,h)anthracene	25.487	278	20809	0.850	ng/ul	97
29) Benzo(g,h,i)perylene	26.124	276	20245	0.795	ng/ul	99

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

Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110924\
Data File : BN034916.D
Acq On : 08 Nov 2024 22:28
Operator : RC/JU
Sample : SSTD0.834
Misc :
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Instrument :
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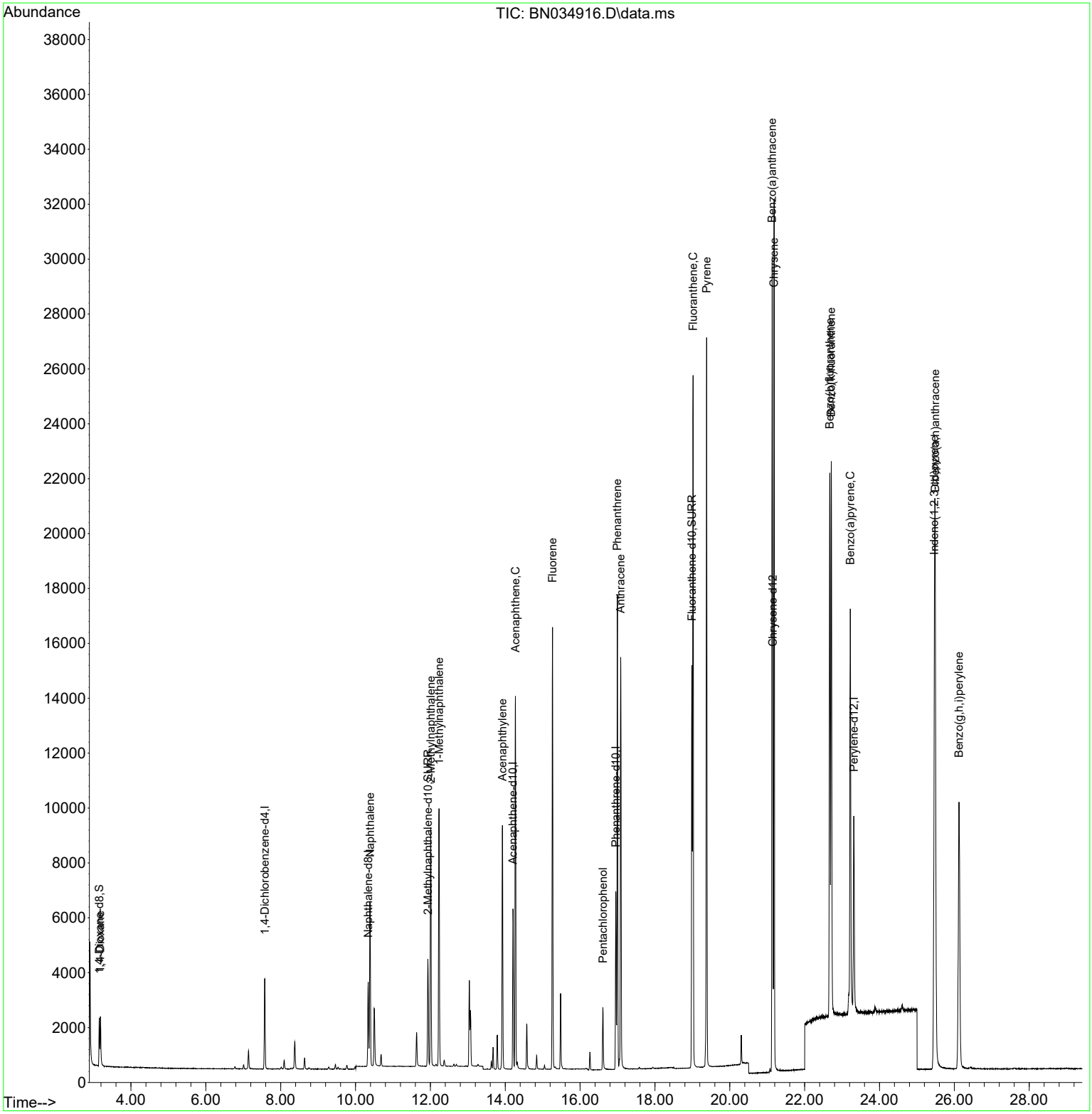
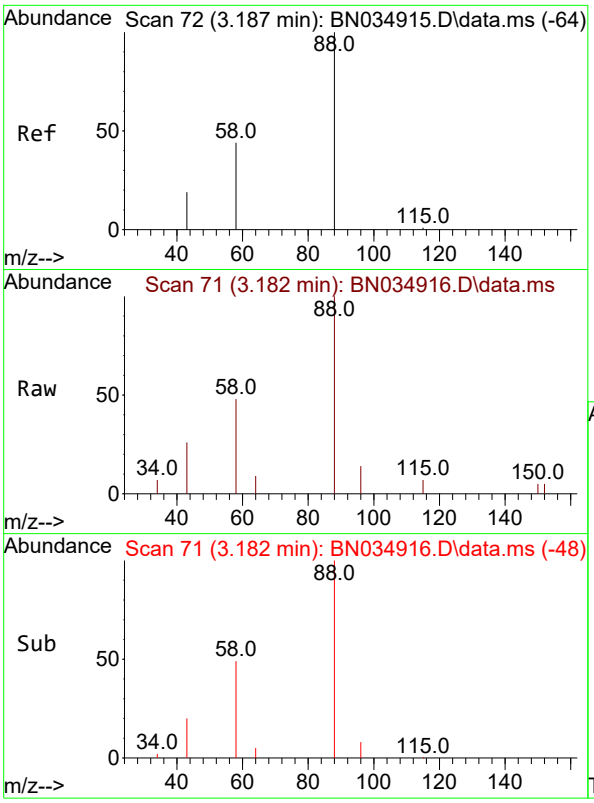
Quant Time: Nov 08 23:56:26 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN110924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 08 23:54:11 2024
Response via : Initial Calibration



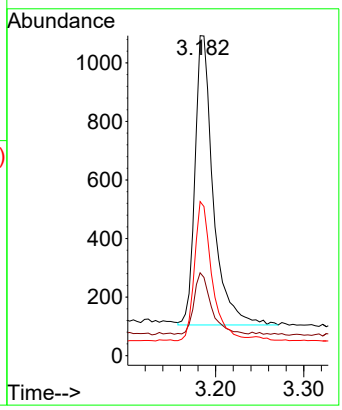


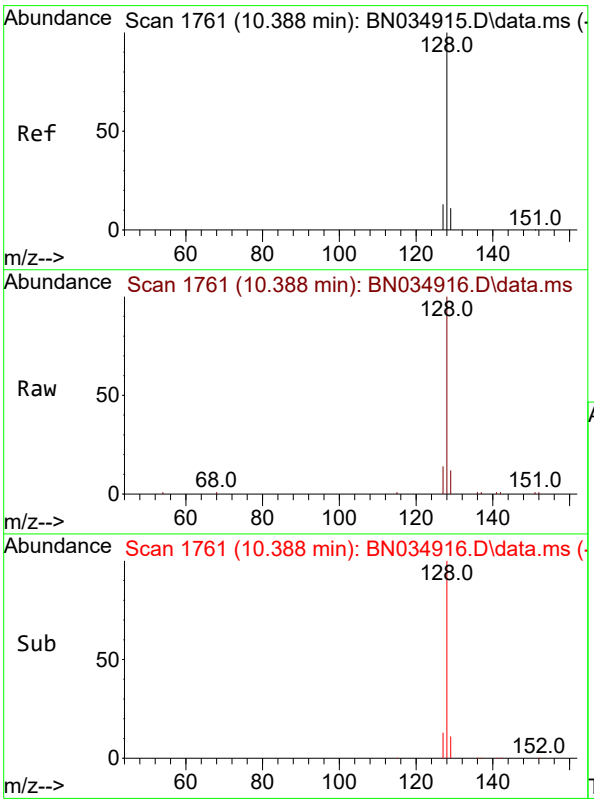
#2
1,4-Dioxane
Concen: 0.734 ng/ul
RT: 3.182 min Scan# 7
Delta R.T. -0.004 min
Lab File: BN034916.D
Acq: 08 Nov 2024 22:28

Instrument :
BNA_N
ClientSampleId :
SSTD0.8219

Tgt Ion: 88 Resp: 1420

Ion	Ratio	Lower	Upper
88	100		
43	25.9	23.3	34.9
58	48.1	35.4	53.2

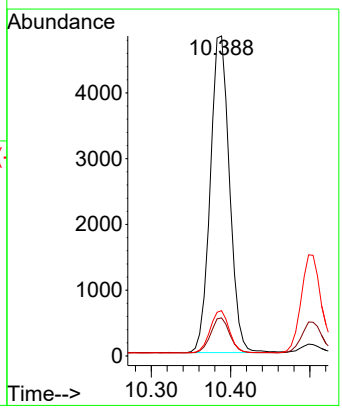


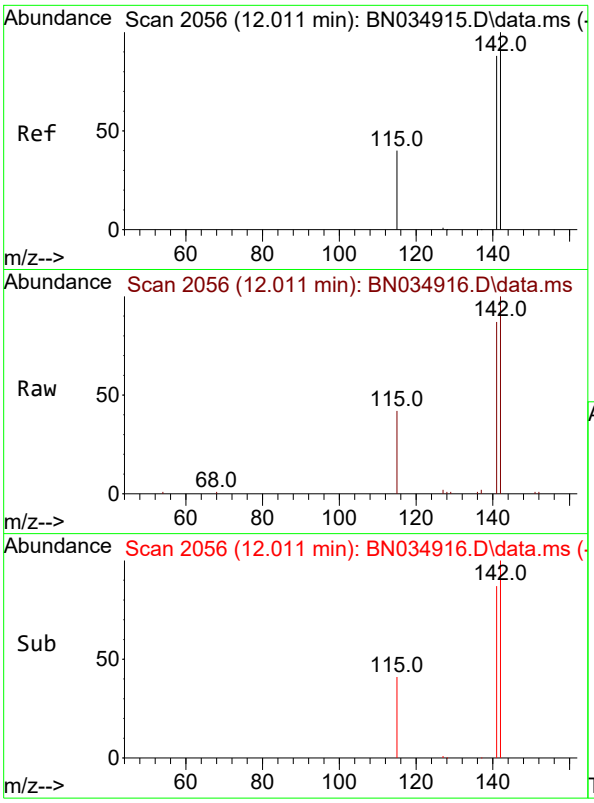


#5
Naphthalene
Concen: 0.748 ng/ul
RT: 10.388 min Scan# 1761
Delta R.T. 0.000 min
Lab File: BN034916.D
Acq: 08 Nov 2024 22:28

Tgt Ion:128 Resp: 8099

Ion	Ratio	Lower	Upper
128	100		
129	11.9	10.1	15.1
127	14.2	12.1	18.1



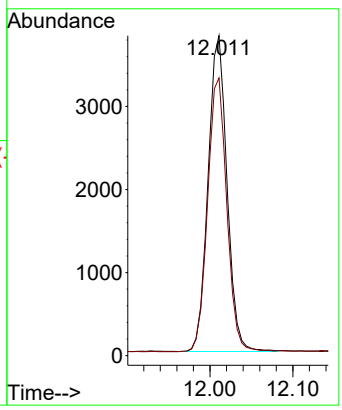


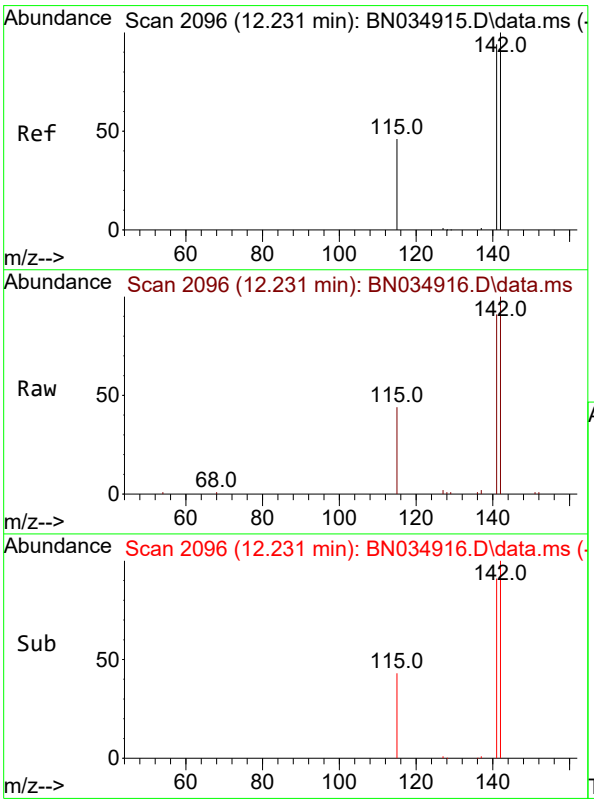
#7
2-Methylnaphthalene
Concen: 0.859 ng/ul
RT: 12.011 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN034916.D
Acq: 08 Nov 2024 22:28

Instrument :
BNA_N
ClientSampleId :
SSTD0.8219

Tgt Ion:142 Resp: 6047

Ion	Ratio	Lower	Upper
142	100		
141	88.0	70.8	106.2

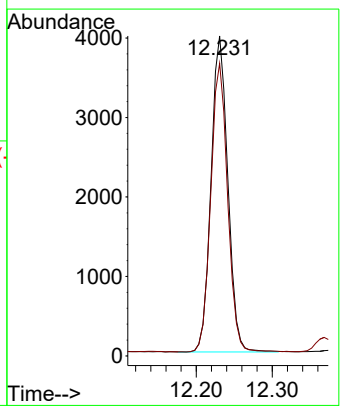


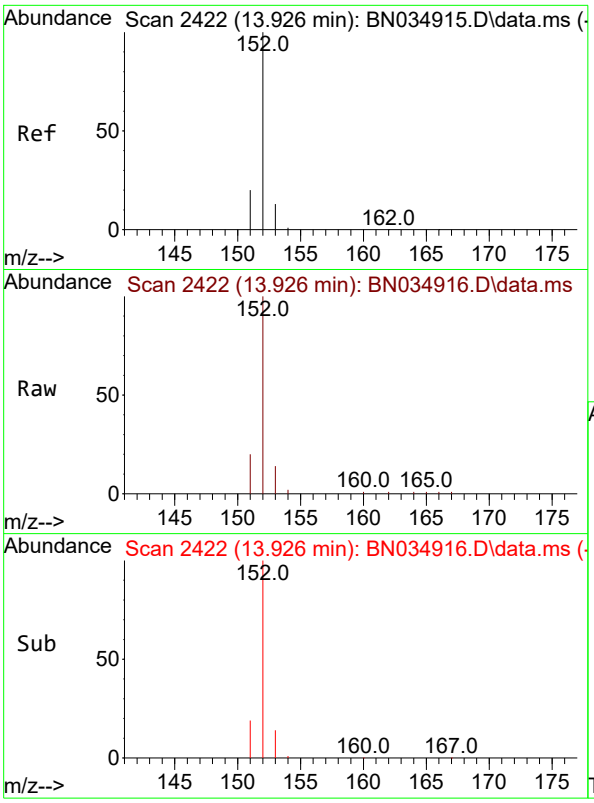


#8
1-Methylnaphthalene
Concen: 0.849 ng/ul
RT: 12.231 min Scan# 2096
Delta R.T. 0.000 min
Lab File: BN034916.D
Acq: 08 Nov 2024 22:28

Tgt Ion:142 Resp: 6088

Ion	Ratio	Lower	Upper
142	100		
141	91.6	74.6	111.8



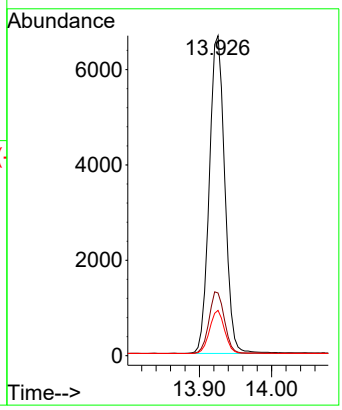


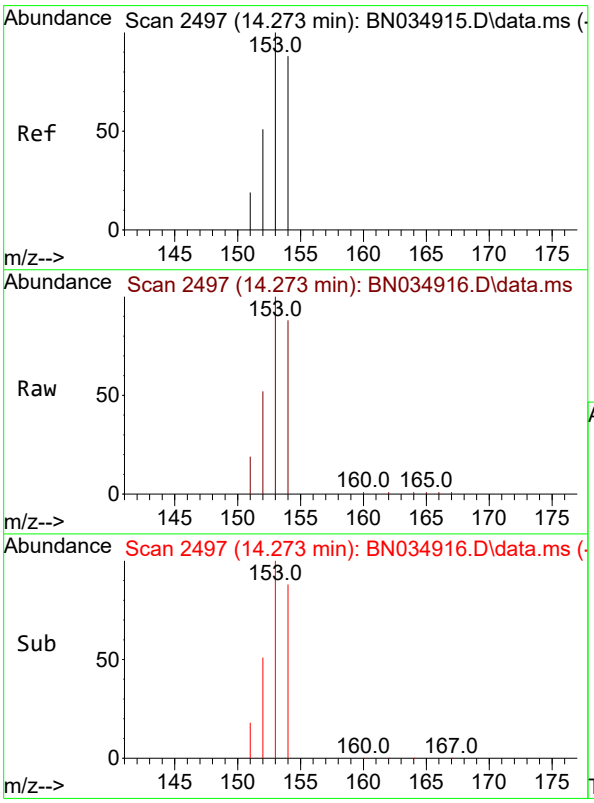
#10
Acenaphthylene
Concen: 0.705 ng/ul
RT: 13.926 min Scan# 24
Delta R.T. 0.000 min
Lab File: BN034916.D
Acq: 08 Nov 2024 22:28

Instrument :
BNA_N
ClientSampleId :
SSTD0.8219

Tgt Ion:152 Resp: 9876

Ion	Ratio	Lower	Upper
152	100		
151	19.6	16.6	24.8
153	14.1	11.0	16.6

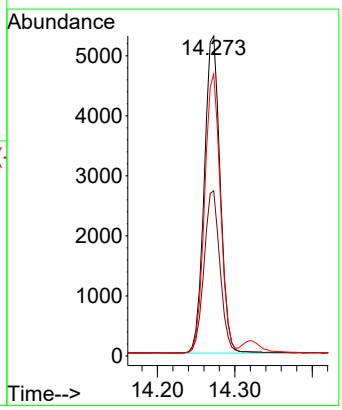


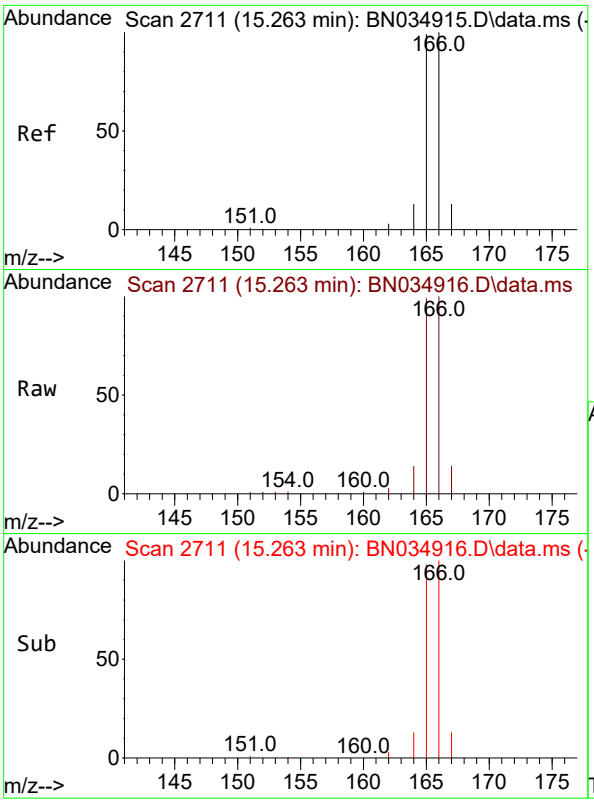


#11
Acenaphthene
Concen: 0.704 ng/ul
RT: 14.273 min Scan# 2497
Delta R.T. 0.000 min
Lab File: BN034916.D
Acq: 08 Nov 2024 22:28

Tgt Ion:153 Resp: 7547

Ion	Ratio	Lower	Upper
153	100		
152	51.6	41.5	62.3
154	88.1	70.9	106.3



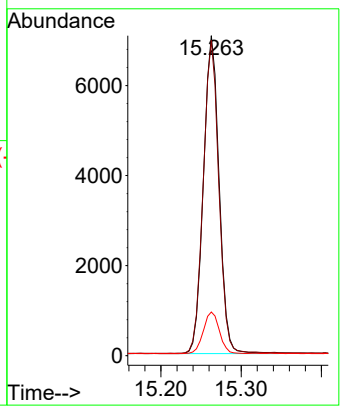


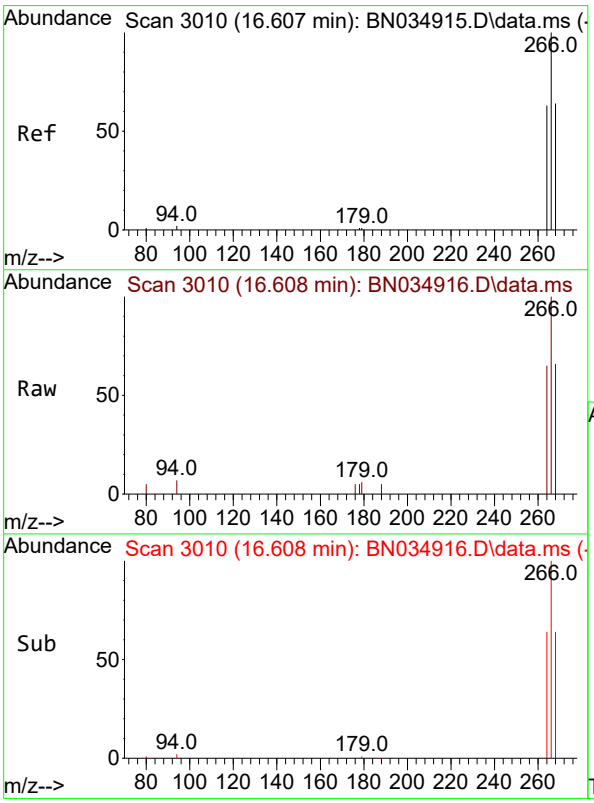
#12
Fluorene
Concen: 0.802 ng/ul
RT: 15.263 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN034916.D
Acq: 08 Nov 2024 22:28

Instrument :
BNA_N
ClientSampleId :
SSTD0.8219

Tgt Ion:166 Resp: 9578

Ion	Ratio	Lower	Upper
166	100		
165	98.5	79.0	118.4
167	13.7	11.8	17.6

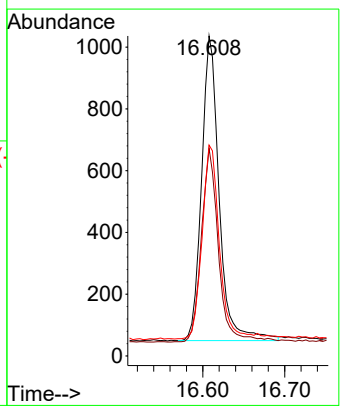


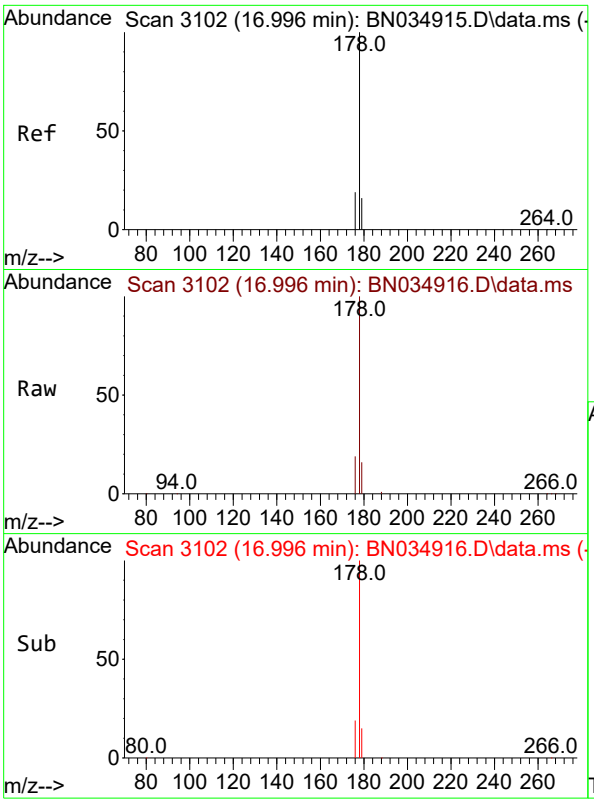


#14
Pentachlorophenol
Concen: 0.940 ng/ul
RT: 16.608 min Scan# 3010
Delta R.T. 0.000 min
Lab File: BN034916.D
Acq: 08 Nov 2024 22:28

Tgt Ion:266 Resp: 1467

Ion	Ratio	Lower	Upper
266	100		
264	62.0	50.2	75.2
268	63.9	48.4	72.6



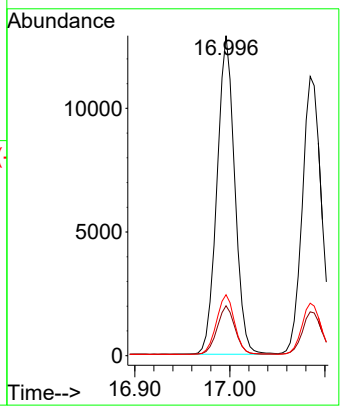


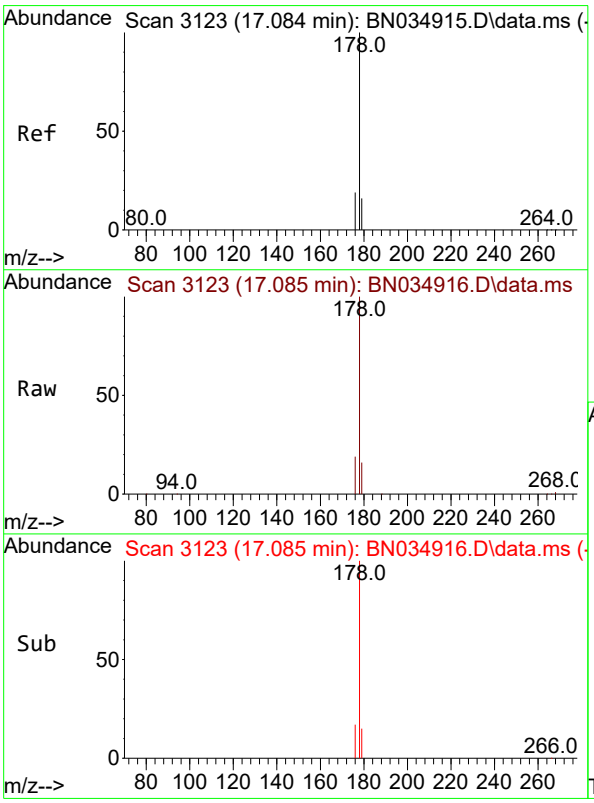
#15
Phenanthrene
Concen: 0.700 ng/ul
RT: 16.996 min Scan# 3
Delta R.T. 0.000 min
Lab File: BN034916.D
Acq: 08 Nov 2024 22:28

Instrument :
BNA_N
ClientSampleId :
SSTD0.8219

Tgt Ion:178 Resp: 16739

Ion	Ratio	Lower	Upper
178	100		
179	15.6	13.4	20.2
176	19.1	15.8	23.6

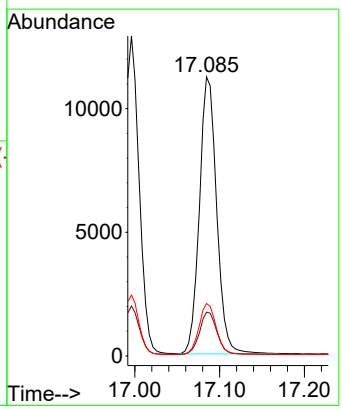


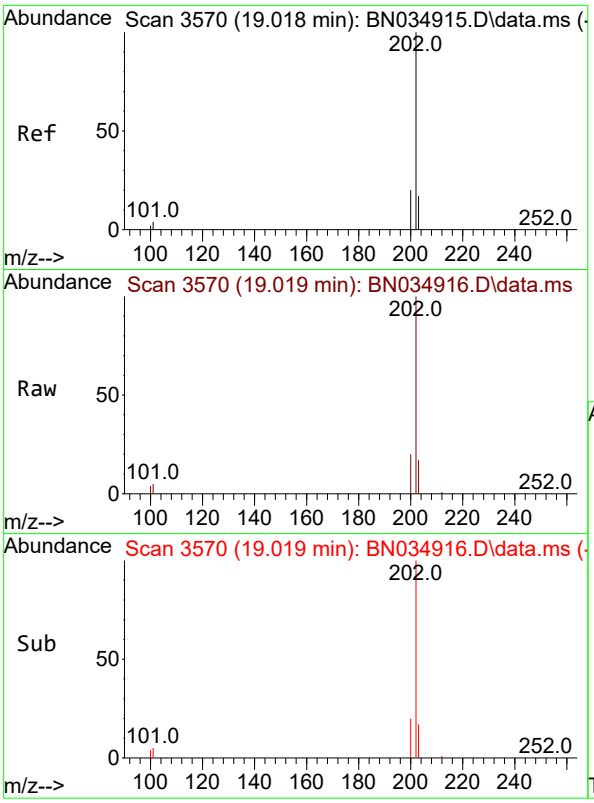


#16
Anthracene
Concen: 0.715 ng/ul
RT: 17.085 min Scan# 3123
Delta R.T. 0.000 min
Lab File: BN034916.D
Acq: 08 Nov 2024 22:28

Tgt Ion:178 Resp: 15826

Ion	Ratio	Lower	Upper
178	100		
179	15.7	13.3	19.9
176	18.8	15.8	23.8



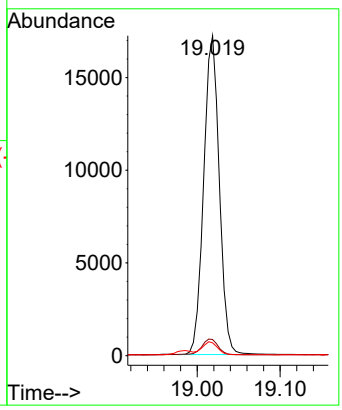


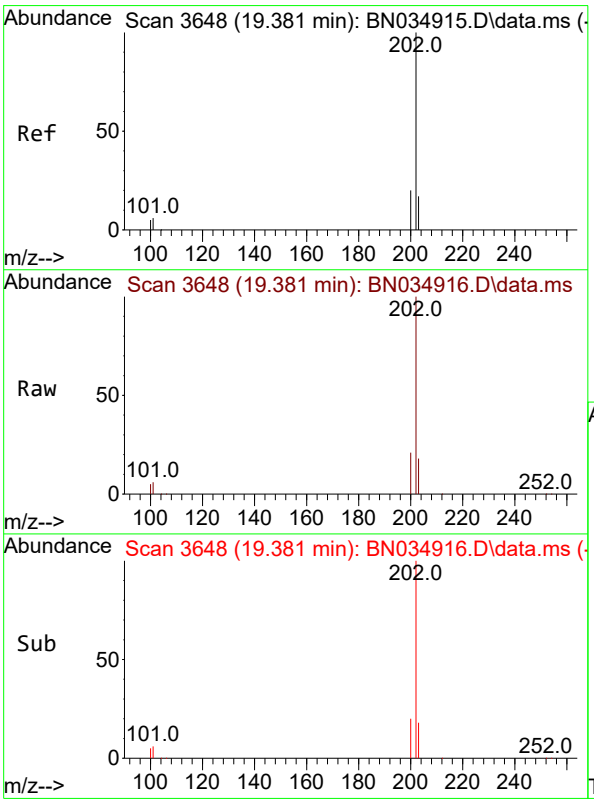
#19
Fluoranthene
Concen: 0.545 ng/ul
RT: 19.019 min Scan# 3
Delta R.T. 0.000 min
Lab File: BN034916.D
Acq: 08 Nov 2024 22:28

Instrument :
BNA_N
ClientSampleId :
SSTD0.8219

Tgt Ion:202 Resp: 22518

Ion	Ratio	Lower	Upper
202	100		
101	5.1	4.2	6.2
100	4.0	3.2	4.8

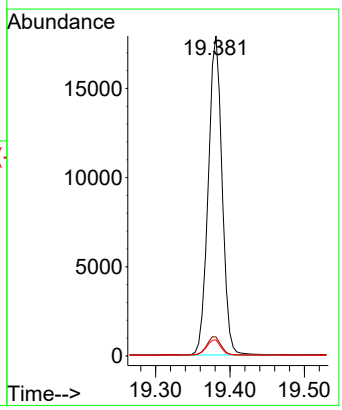


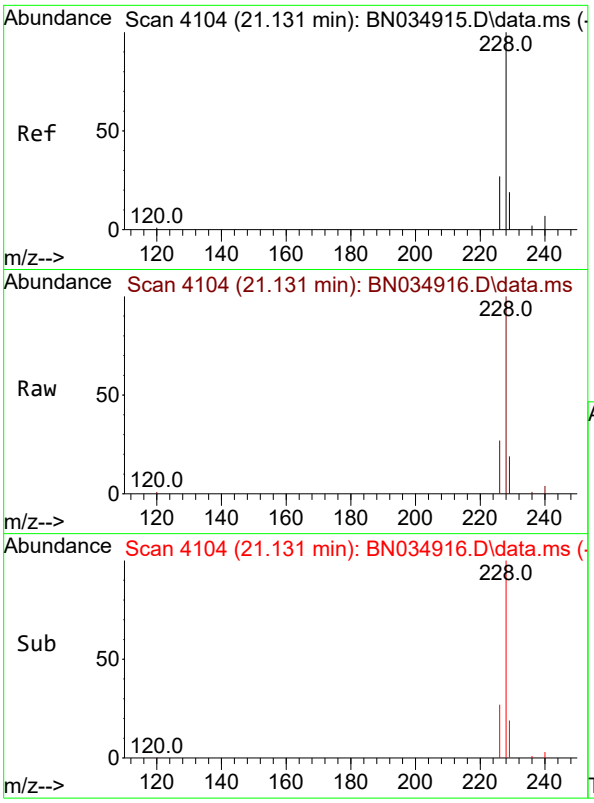


#20
Pyrene
Concen: 0.539 ng/ul
RT: 19.381 min Scan# 3648
Delta R.T. 0.000 min
Lab File: BN034916.D
Acq: 08 Nov 2024 22:28

Tgt Ion:202 Resp: 23168

Ion	Ratio	Lower	Upper
202	100		
101	6.0	5.0	7.4
100	5.1	4.1	6.1



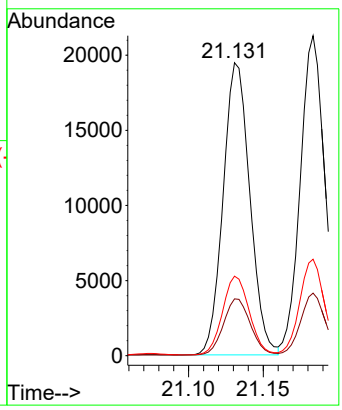


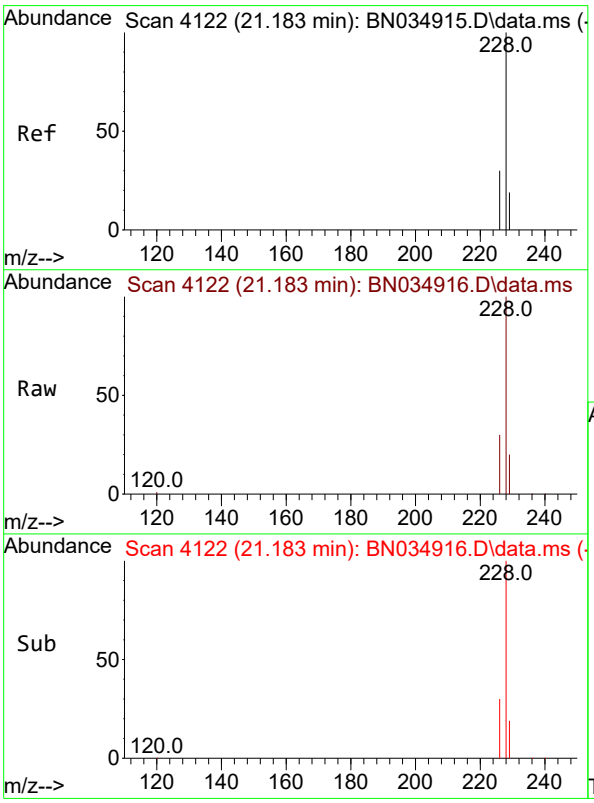
#21
Benzo(a)anthracene
Concen: 0.713 ng/ul
RT: 21.131 min Scan# 4
Delta R.T. 0.000 min
Lab File: BN034916.D
Acq: 08 Nov 2024 22:28

Instrument :
BNA_N
ClientSampleId :
SSTD0.8219

Tgt Ion:228 Resp: 24301

Ion	Ratio	Lower	Upper
228	100		
229	19.4	15.8	23.8
226	27.1	22.2	33.2

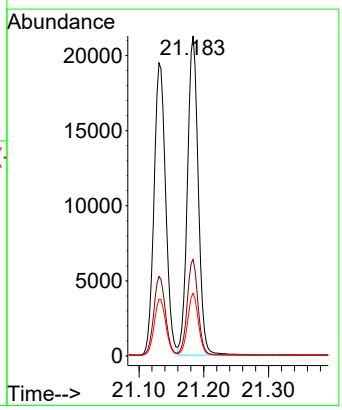


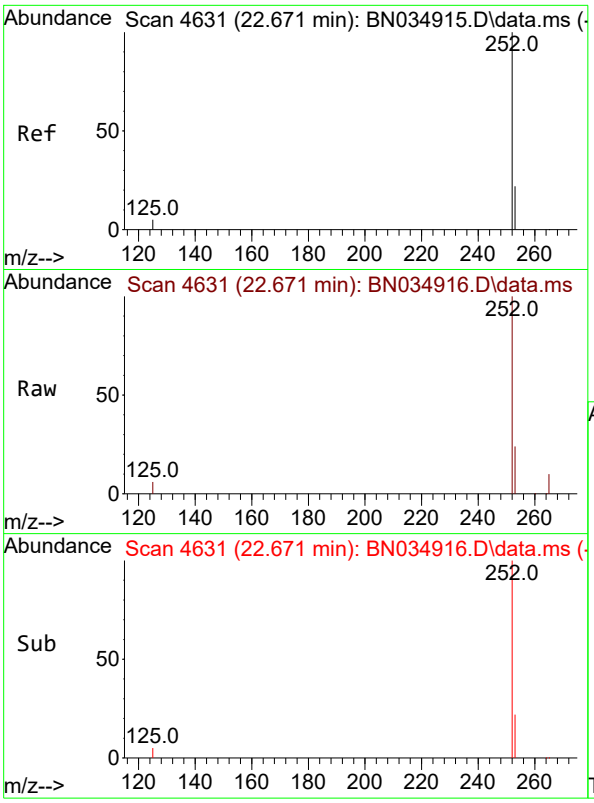


#22
Chrysene
Concen: 0.722 ng/ul
RT: 21.183 min Scan# 4122
Delta R.T. 0.000 min
Lab File: BN034916.D
Acq: 08 Nov 2024 22:28

Tgt Ion:228 Resp: 24658

Ion	Ratio	Lower	Upper
228	100		
226	30.1	24.2	36.4
229	19.6	15.4	23.2



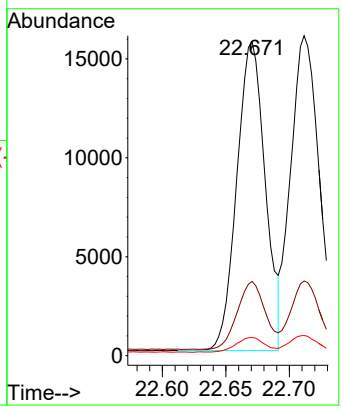


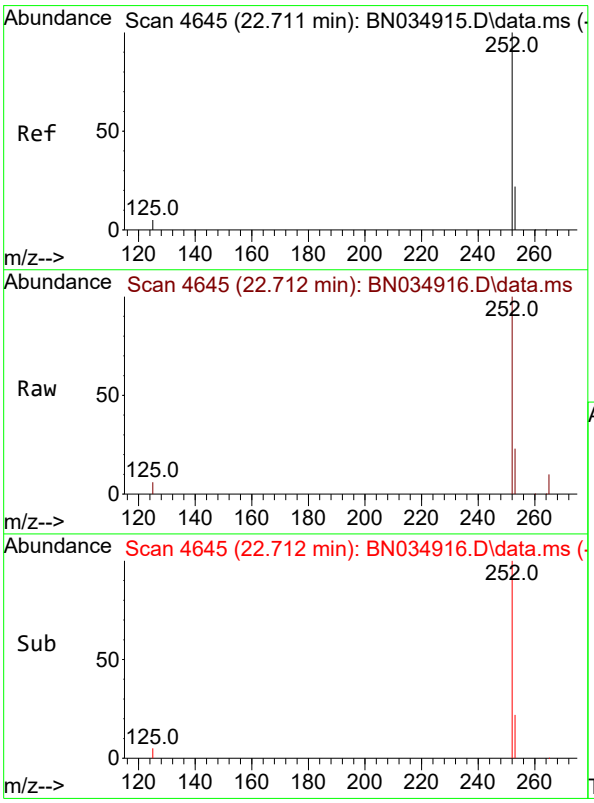
#24
Benzo(b)fluoranthene
Concen: 0.688 ng/ul
RT: 22.671 min Scan# 4
Delta R.T. 0.000 min
Lab File: BN034916.D
Acq: 08 Nov 2024 22:28

Instrument :
BNA_N
ClientSampleId :
SSTD0.8219

Tgt Ion:252 Resp: 24310

Ion	Ratio	Lower	Upper
252	100		
253	23.6	0.0	50.0
125	5.8	0.0	14.0

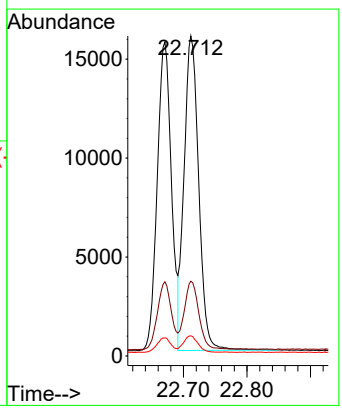


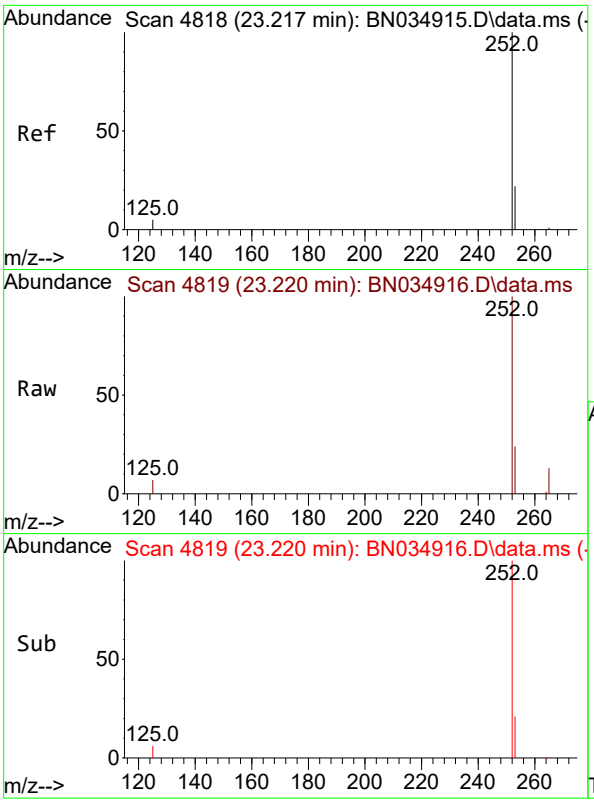


#25
Benzo(k)fluoranthene
Concen: 0.712 ng/ul
RT: 22.712 min Scan# 4645
Delta R.T. 0.000 min
Lab File: BN034916.D
Acq: 08 Nov 2024 22:28

Tgt Ion:252 Resp: 25388

Ion	Ratio	Lower	Upper
252	100		
253	23.3	20.2	30.4
125	6.3	5.8	8.8



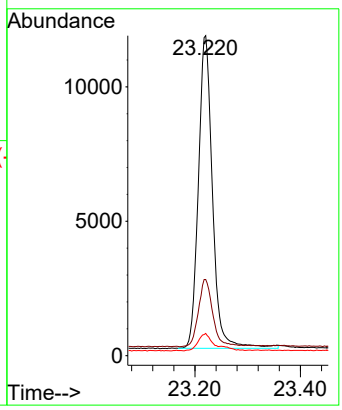


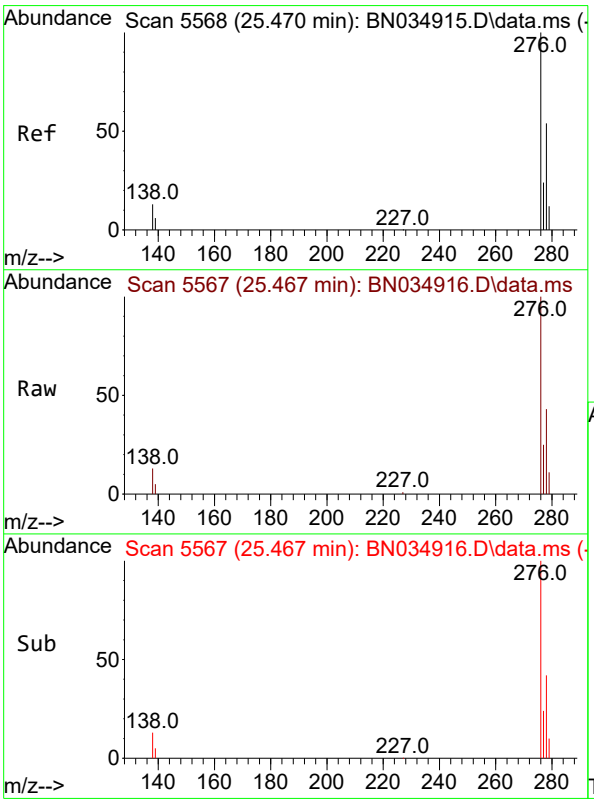
#26
Benzo(a)pyrene
Concen: 0.709 ng/ul
RT: 23.220 min Scan# 4
Delta R.T. 0.003 min
Lab File: BN034916.D
Acq: 08 Nov 2024 22:28

Instrument :
BNA_N
ClientSampleId :
SSTD0.8219

Tgt Ion:252 Resp: 21571

Ion	Ratio	Lower	Upper
252	100		
253	23.8	21.2	31.8
125	7.0	6.3	9.5

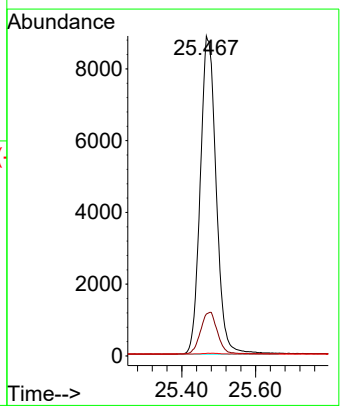


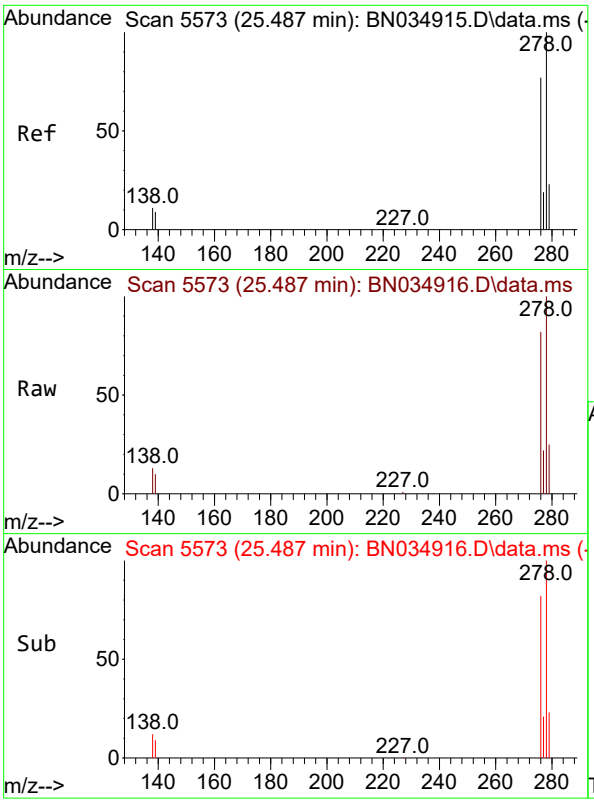


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.818 ng/ul
RT: 25.467 min Scan# 5567
Delta R.T. -0.003 min
Lab File: BN034916.D
Acq: 08 Nov 2024 22:28

Tgt Ion:276 Resp: 26516

Ion	Ratio	Lower	Upper
276	100		
138	13.9	10.8	16.2
227	0.3	0.2	0.4



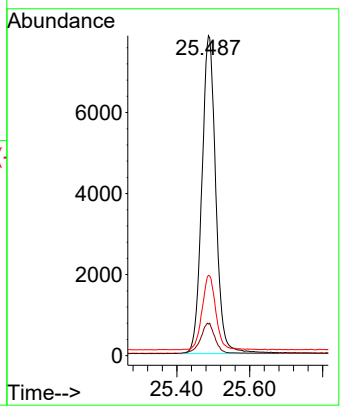


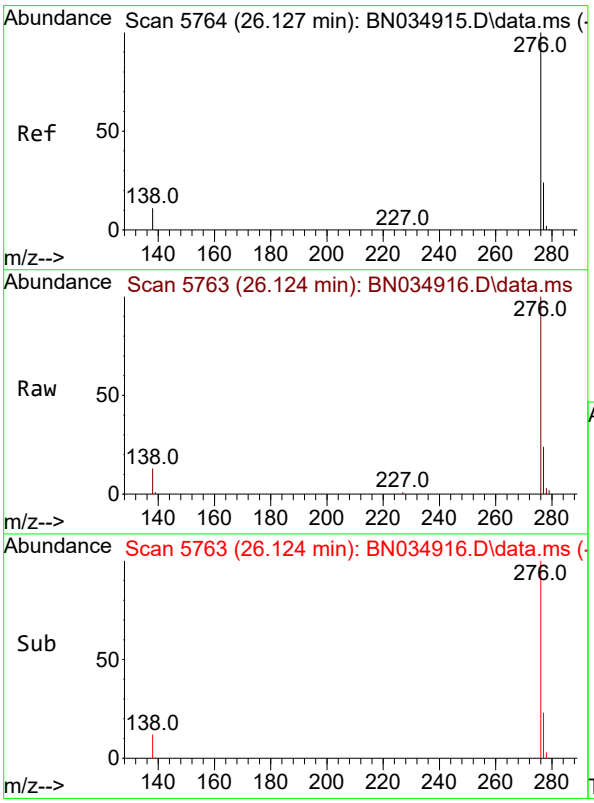
#28
Dibenzo(a,h)anthracene
Concen: 0.850 ng/ul
RT: 25.487 min Scan# 5
Delta R.T. 0.000 min
Lab File: BN034916.D
Acq: 08 Nov 2024 22:28

Instrument :
BNA_N
ClientSampleId :
SSTD0.8219

Tgt Ion:278 Resp: 20809

Ion	Ratio	Lower	Upper
278	100		
139	9.9	8.4	12.6
279	25.1	21.5	32.3





#29
Benzo(g,h,i)perylene
Concen: 0.795 ng/ul
RT: 26.124 min Scan# 5763
Delta R.T. -0.003 min
Lab File: BN034916.D
Acq: 08 Nov 2024 22:28

Tgt Ion:276 Resp: 20245

Ion	Ratio	Lower	Upper
276	100		
138	12.8	10.3	15.5
277	24.2	20.2	30.2