Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN073024\
Data File : BN033115.D
Acq On : 30 Jul 2024 21:05
Operator : MA/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTD0.4289

Quant Time: Jul 30 23:58:20 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN072524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 30 14:49:49 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.545	152	1895	0.400	ng/ul	0.00
4) Naphthalene-d8	10.317	136	7681	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.162	164	5026	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.945	188	11460	0.400	ng/ul	0.00
17) Chrysene-d12	21.148	240	10225	0.400	ng/ul	0.00
23) Perylene-d12	23.337	264	11005	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.060	96	926	0.386	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.928	152	4641	0.370	ng/ul	0.00
18) Fluoranthene-d10	18.977	212	12215	0.422	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.090	88	1010	0.370	ng/ul#	73
5) Naphthalene	10.366	128	8068	0.409	ng/ul	98
7) 2-Methylnaphthalene	12.005	142	4983	0.373	ng/ul	97
8) 1-Methylnaphthalene	12.198	142	5371	0.372	ng/ul	100
10) Acenaphthylene	13.893	152	8516	0.414	ng/ul	99
11) Acenaphthene	14.231	153	6692	0.433	ng/ul	100
12) Fluorene	15.249	166	7577	0.420	ng/ul	99
14) Pentachlorophenol	16.645	266	579	0.248	ng/ul	98
15) Phenanthrene	16.987	178	12008	0.391	ng/ul	99
16) Anthracene	17.093	178	10134	0.367	ng/ul	99
19) Fluoranthene	19.004	202	15627	0.464	ng/ul	99
20) Pyrene	19.376	202	16232	0.450	ng/ul	98
21) Benzo(a)anthracene	21.136	228	13383	0.384	ng/ul	98
22) Chrysene	21.186	228	17347	0.426	ng/ul	99
24) Benzo(b)fluoranthene	22.679	252	14073	0.438	ng/ul	90
25) Benzo(k)fluoranthene	22.723	252	17682	0.459	ng/ul#	89
26) Benzo(a)pyrene	23.249	252	12679	0.419	ng/ul#	90
27) Indeno(1,2,3-cd)pyrene	25.540	276	17756	0.386	ng/ul#	99
28) Dibenzo(a,h)anthracene	25.537	278	13877	0.381	ng/ul#	92
29) Benzo(g,h,i)perylene	26.214	276	14556	0.398	ng/ul	96

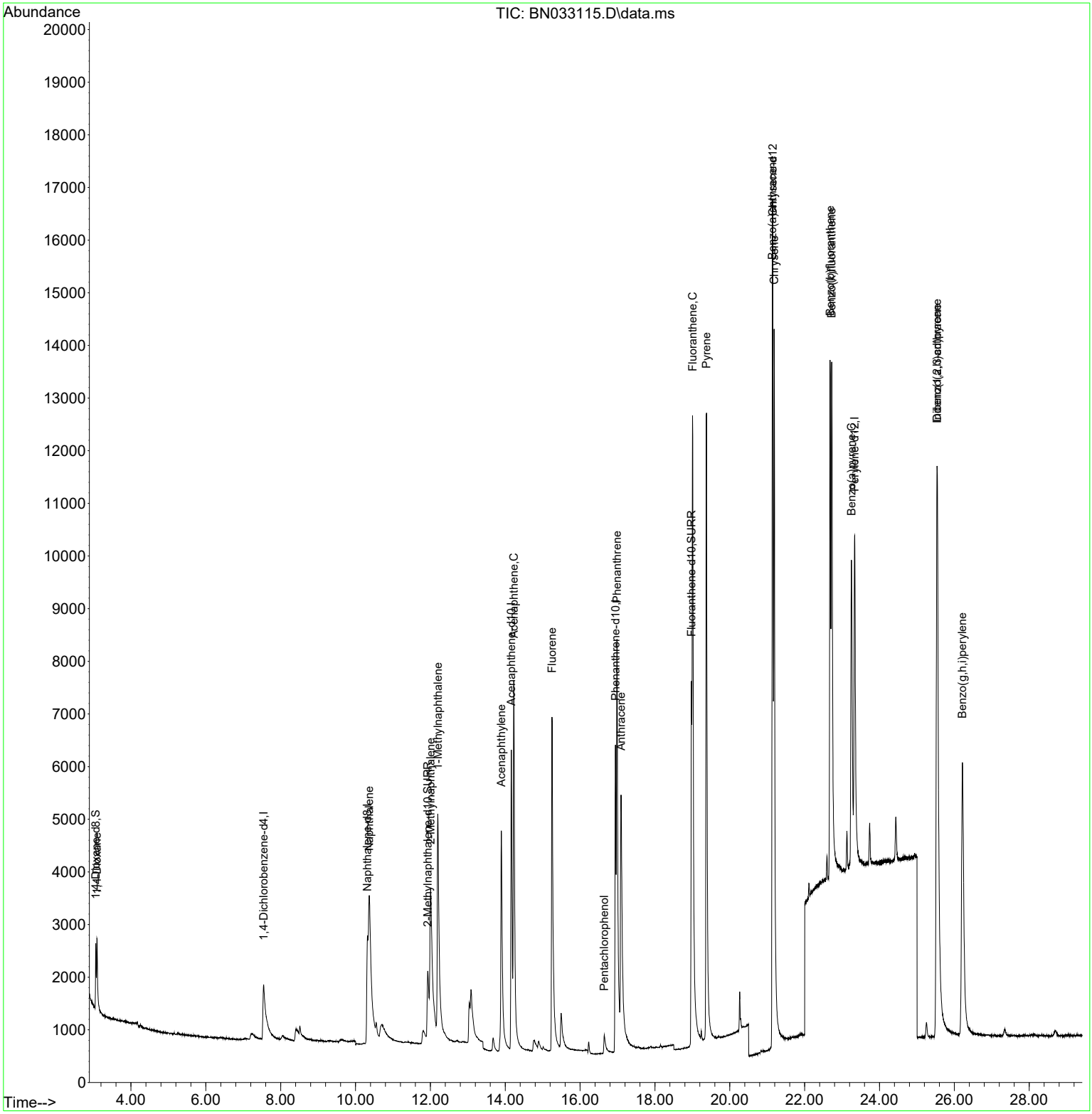
(#) = qualifier out of range (m) = manual integration (+) = signals summed

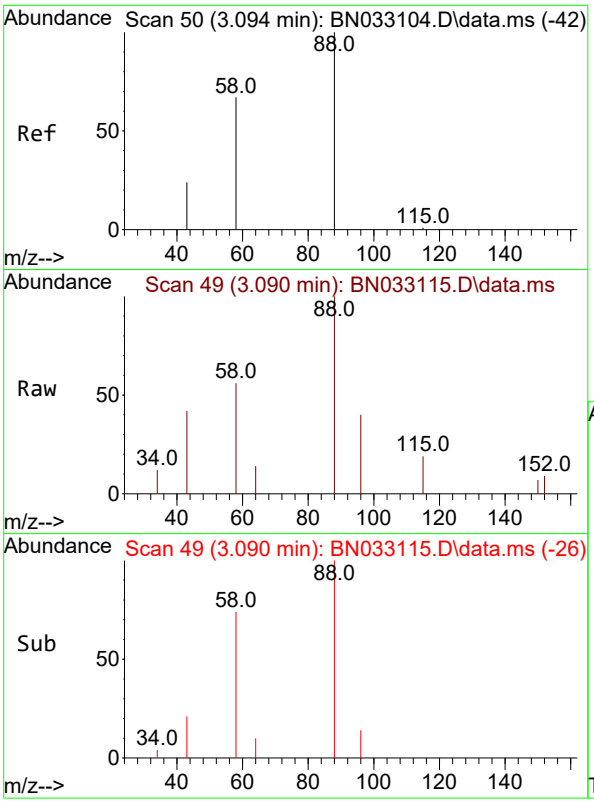
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN073024\
Data File : BN033115.D
Acq On : 30 Jul 2024 21:05
Operator : MA/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTD0.4289

Quant Time: Jul 30 23:58:20 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN072524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 30 14:49:49 2024
Response via : Initial Calibration



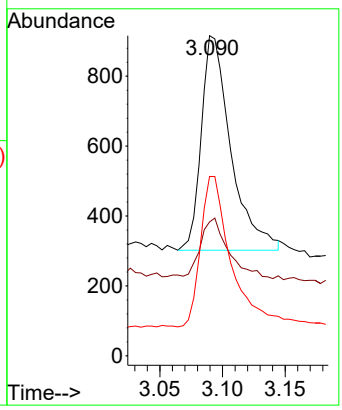


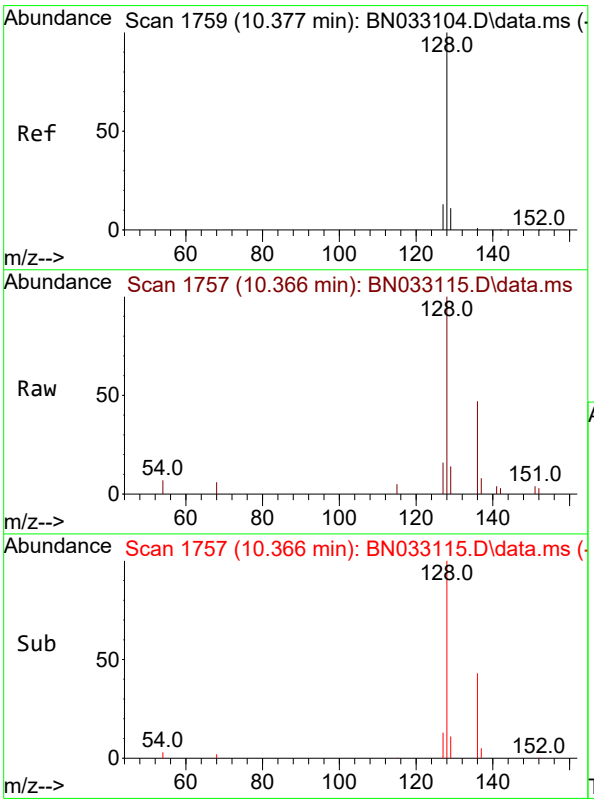
#2
1,4-Dioxane
Concen: 0.370 ng/ul
RT: 3.090 min Scan# 4
Delta R.T. -0.004 min
Lab File: BN033115.D
Acq: 30 Jul 2024 21:05

Instrument :
BNA_N
ClientSampleId :
SSTD0.4289

Tgt Ion: 88 Resp: 1010

Ion	Ratio	Lower	Upper
88	100		
43	41.8	63.4	95.2#
58	56.0	49.4	74.0

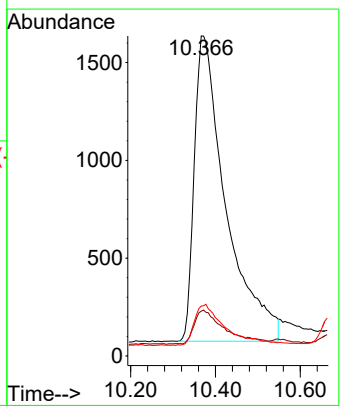


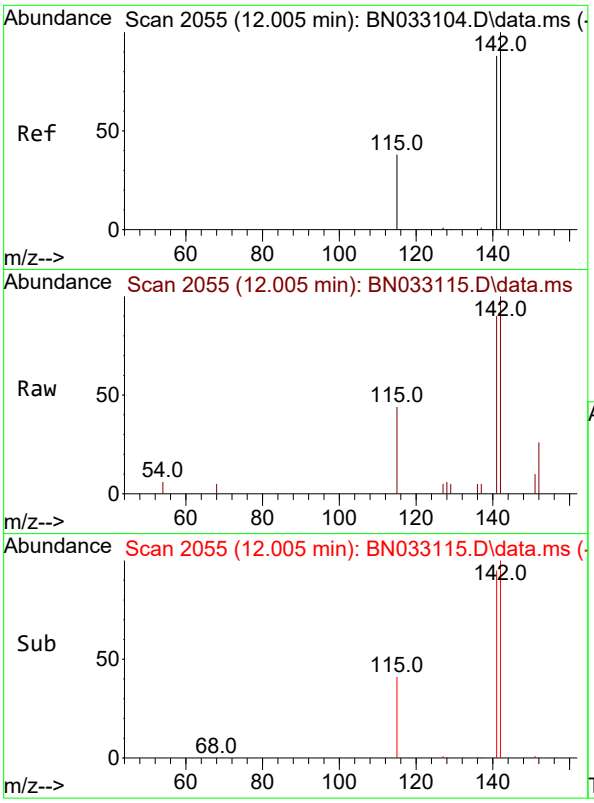


#5
Naphthalene
Concen: 0.409 ng/ul
RT: 10.366 min Scan# 1757
Delta R.T. -0.011 min
Lab File: BN033115.D
Acq: 30 Jul 2024 21:05

Tgt Ion:128 Resp: 8068

Ion	Ratio	Lower	Upper
128	100		
129	14.0	12.0	18.0
127	15.6	12.7	19.1



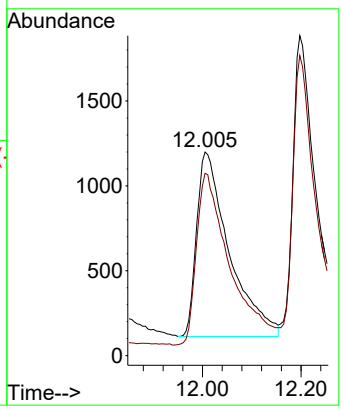


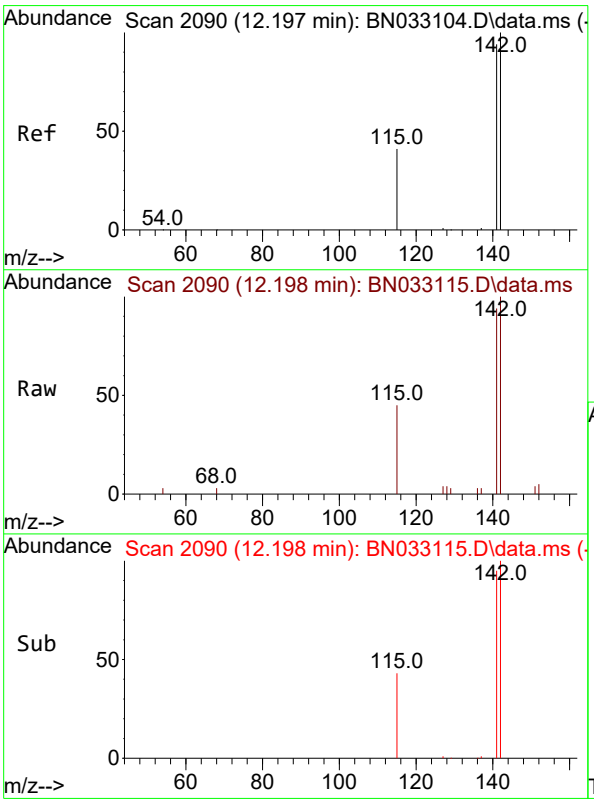
#7
2-Methylnaphthalene
Concen: 0.373 ng/ul
RT: 12.005 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN033115.D
Acq: 30 Jul 2024 21:05

Instrument :
BNA_N
ClientSampleId :
SSTD0.4289

Tgt Ion:142 Resp: 4983

Ion	Ratio	Lower	Upper
142	100		
141	96.5	75.2	112.8

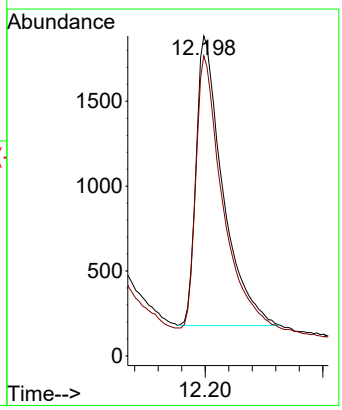


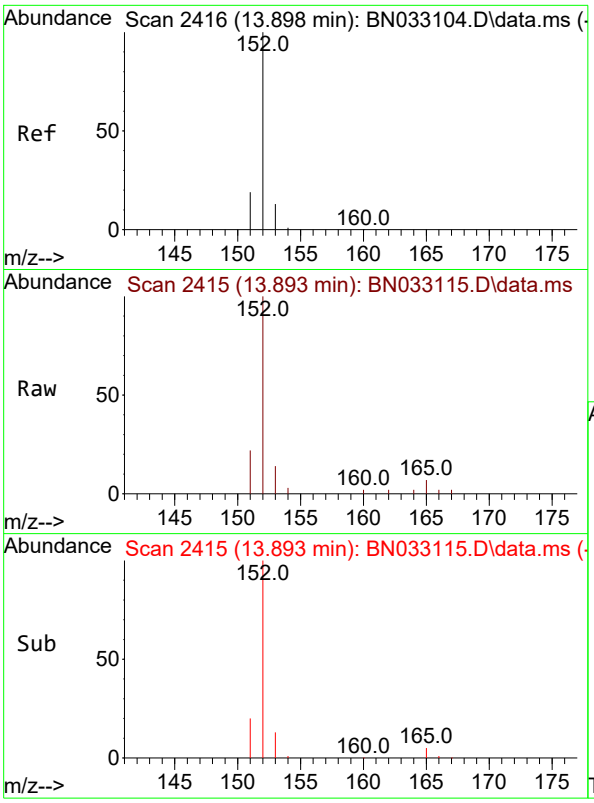


#8
1-Methylnaphthalene
Concen: 0.372 ng/ul
RT: 12.198 min Scan# 2090
Delta R.T. 0.000 min
Lab File: BN033115.D
Acq: 30 Jul 2024 21:05

Tgt Ion:142 Resp: 5371

Ion	Ratio	Lower	Upper
142	100		
141	93.3	74.3	111.5



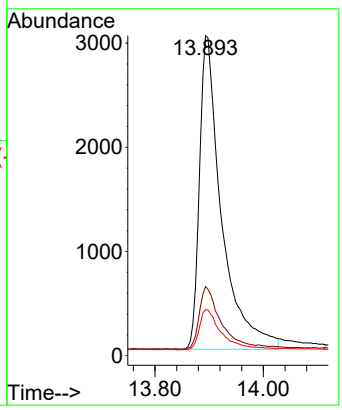


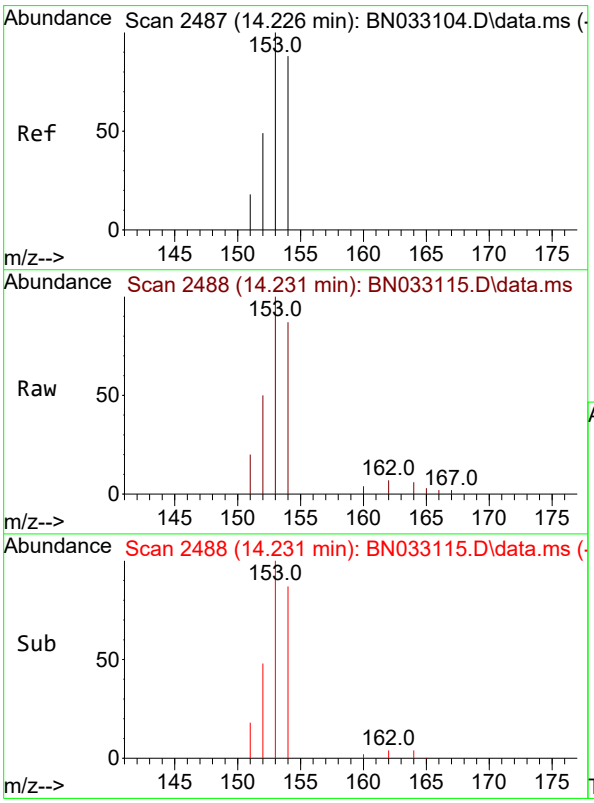
#10
Acenaphthylene
Concen: 0.414 ng/ul
RT: 13.893 min Scan# 24
Delta R.T. -0.005 min
Lab File: BN033115.D
Acq: 30 Jul 2024 21:05

Instrument :
BNA_N
ClientSampleId :
SSTD0.4289

Tgt Ion:152 Resp: 8516

Ion	Ratio	Lower	Upper
152	100		
151	21.6	16.8	25.2
153	14.4	11.9	17.9

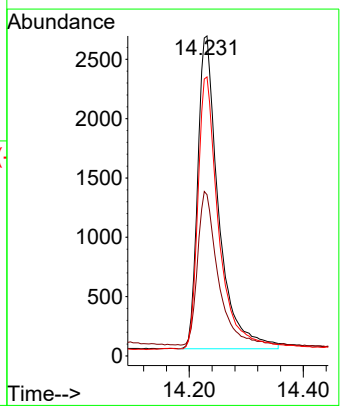


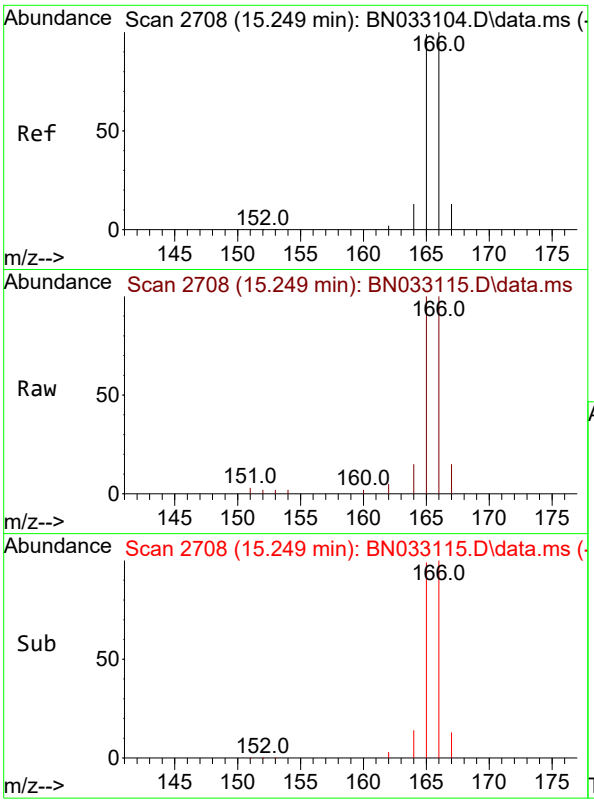


#11
Acenaphthene
Concen: 0.433 ng/ul
RT: 14.231 min Scan# 2488
Delta R.T. 0.005 min
Lab File: BN033115.D
Acq: 30 Jul 2024 21:05

Tgt Ion:153 Resp: 6692

Ion	Ratio	Lower	Upper
153	100		
152	50.4	40.0	60.0
154	87.2	70.1	105.1



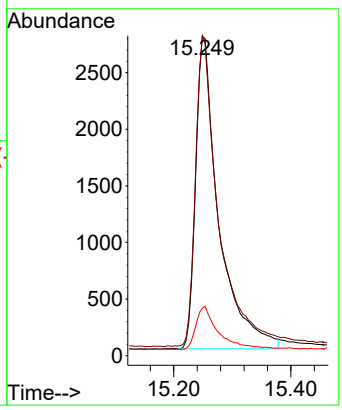


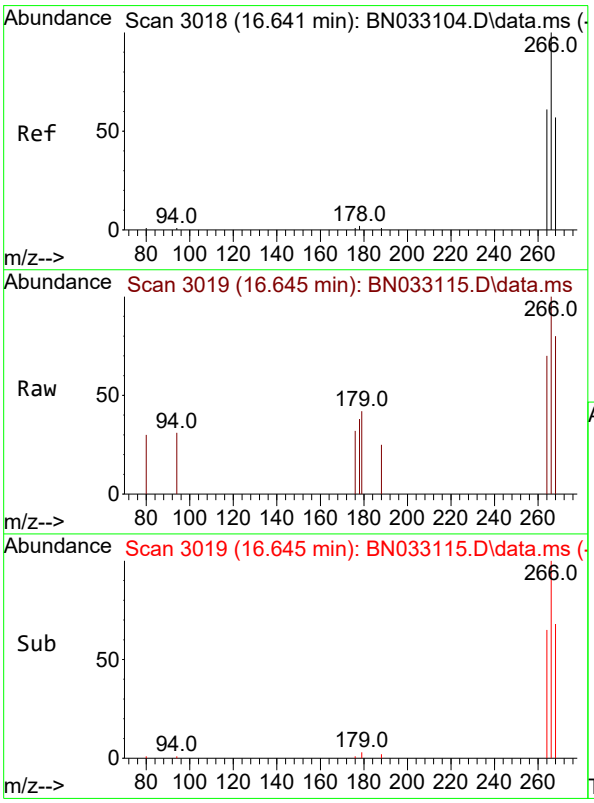
#12
Fluorene
Concen: 0.420 ng/ul
RT: 15.249 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN033115.D
Acq: 30 Jul 2024 21:05

Instrument :
BNA_N
ClientSampleId :
SSTD0.4289

Tgt Ion:166 Resp: 7577

Ion	Ratio	Lower	Upper
166	100		
165	100.2	79.6	119.4
167	14.9	12.2	18.4

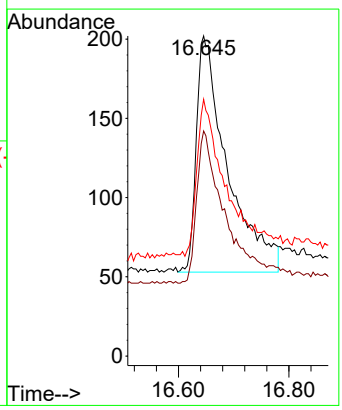


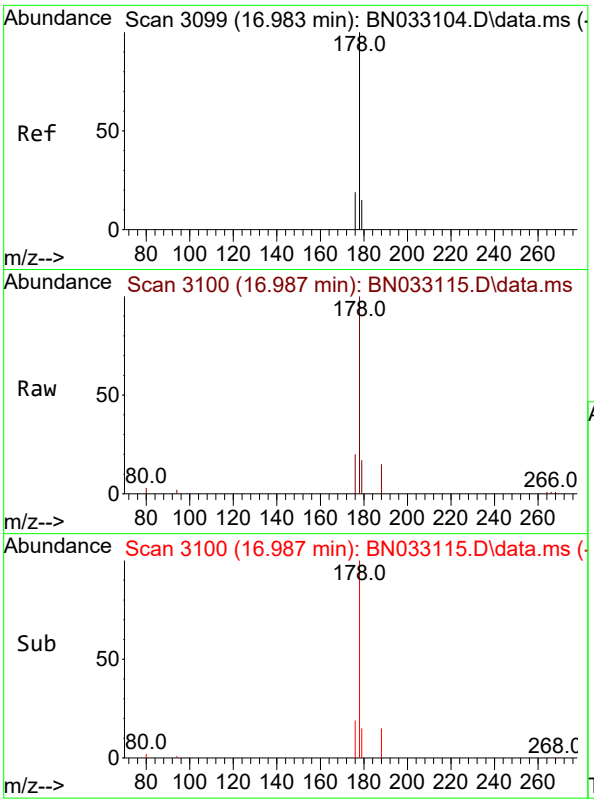


#14
Pentachlorophenol
Concen: 0.248 ng/ul
RT: 16.645 min Scan# 3019
Delta R.T. 0.004 min
Lab File: BN033115.D
Acq: 30 Jul 2024 21:05

Tgt Ion:266 Resp: 579

Ion	Ratio	Lower	Upper
266	100		
264	60.3	49.3	73.9
268	62.5	51.8	77.8



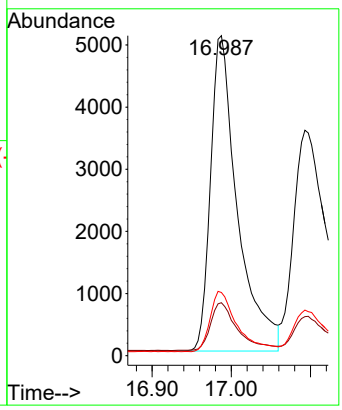


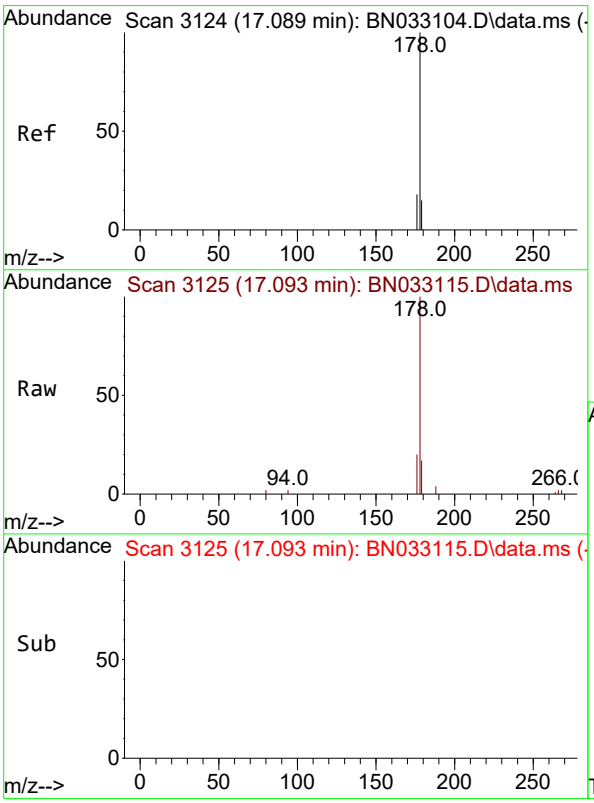
#15
Phenanthrene
Concen: 0.391 ng/ul
RT: 16.987 min Scan# 3
Delta R.T. 0.004 min
Lab File: BN033115.D
Acq: 30 Jul 2024 21:05

Instrument :
BNA_N
ClientSampleId :
SSTD0.4289

Tgt Ion:178 Resp: 12008

Ion	Ratio	Lower	Upper
178	100		
179	16.5	13.7	20.5
176	19.8	15.9	23.9

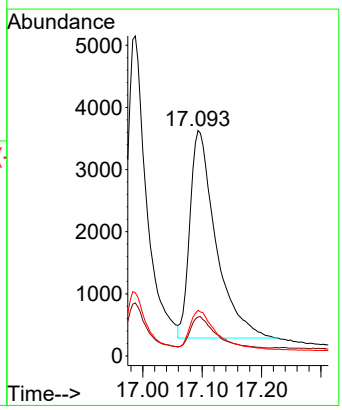


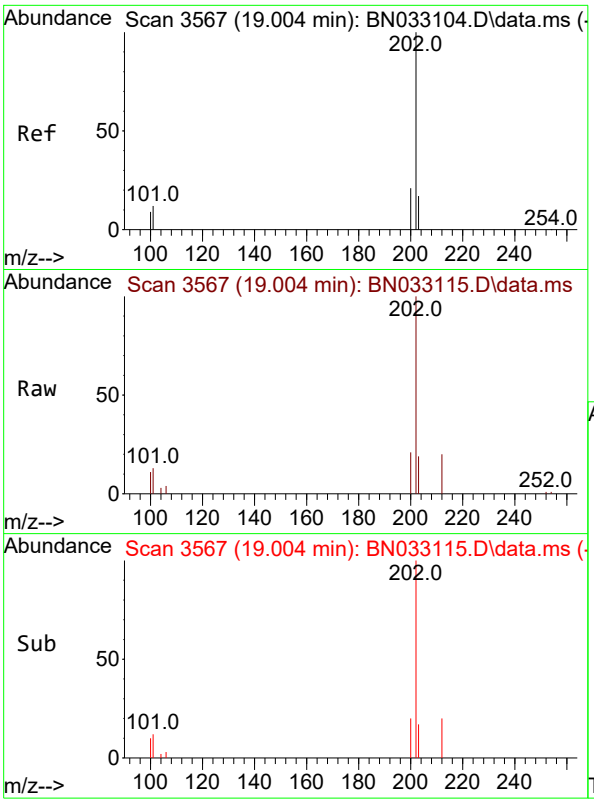


#16
Anthracene
Concen: 0.367 ng/ul
RT: 17.093 min Scan# 3125
Delta R.T. 0.004 min
Lab File: BN033115.D
Acq: 30 Jul 2024 21:05

Tgt Ion:178 Resp: 10134

Ion	Ratio	Lower	Upper
178	100		
179	17.3	14.3	21.5
176	20.2	15.8	23.8



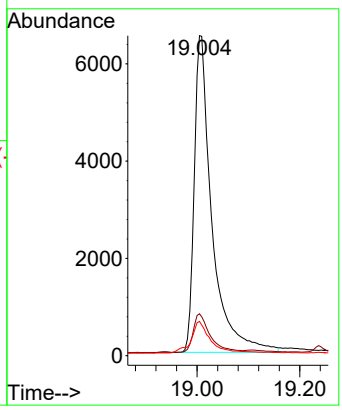


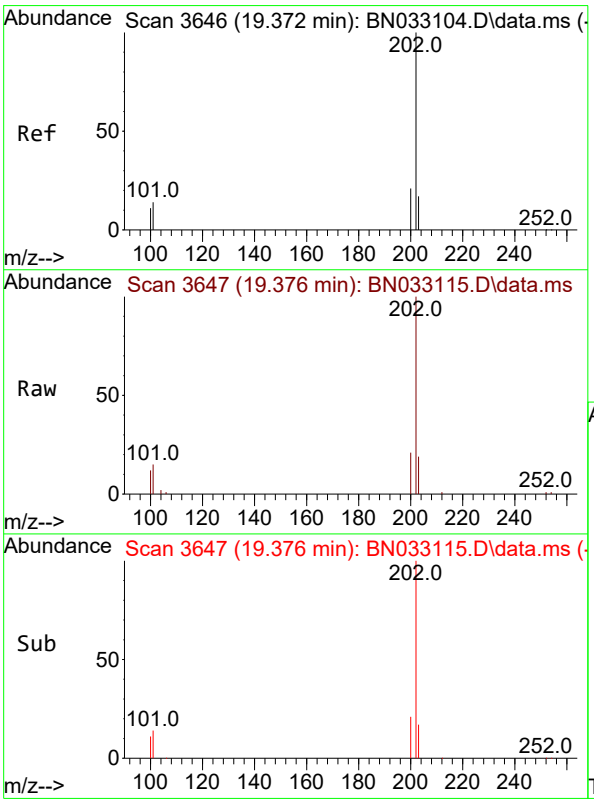
#19
Fluoranthene
Concen: 0.464 ng/ul
RT: 19.004 min Scan# 3
Delta R.T. 0.000 min
Lab File: BN033115.D
Acq: 30 Jul 2024 21:05

Instrument :
BNA_N
ClientSampleId :
SSTD0.4289

Tgt Ion:202 Resp: 15627

Ion	Ratio	Lower	Upper
202	100		
101	13.1	10.7	16.1
100	10.7	8.3	12.5

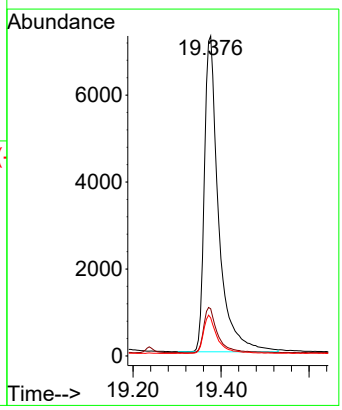


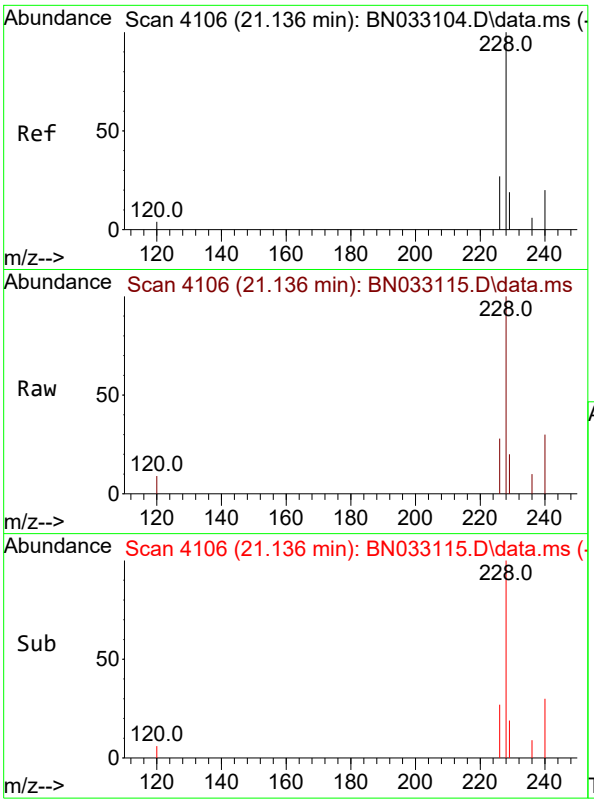


#20
Pyrene
Concen: 0.450 ng/ul
RT: 19.376 min Scan# 3647
Delta R.T. 0.005 min
Lab File: BN033115.D
Acq: 30 Jul 2024 21:05

Tgt Ion:202 Resp: 16232

Ion	Ratio	Lower	Upper
202	100		
101	14.7	12.6	18.8
100	11.9	9.9	14.9



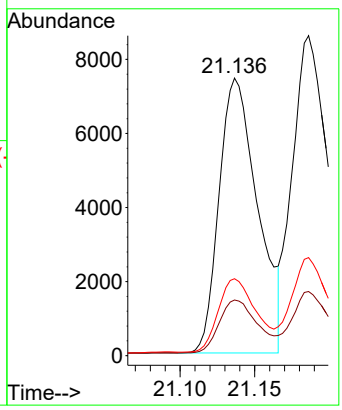


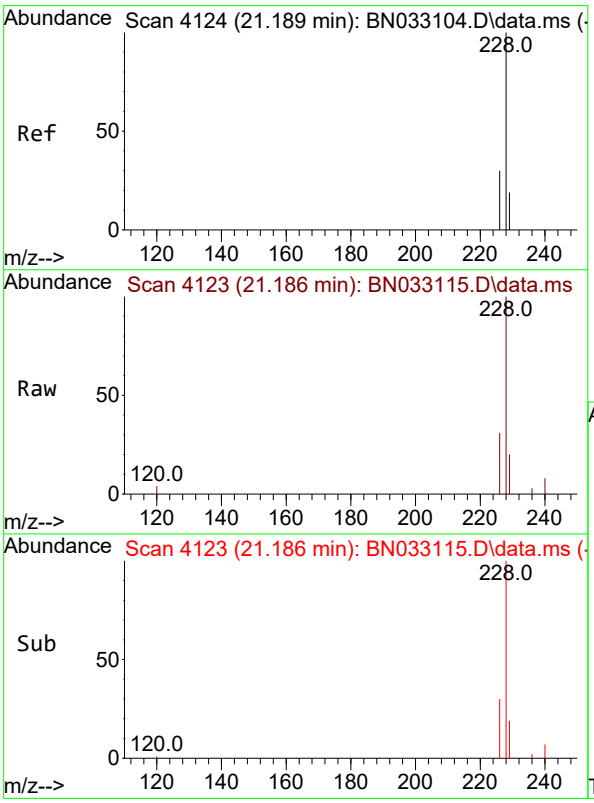
#21
Benzo(a)anthracene
Concen: 0.384 ng/ul
RT: 21.136 min Scan# 4
Delta R.T. 0.000 min
Lab File: BN033115.D
Acq: 30 Jul 2024 21:05

Instrument :
BNA_N
ClientSampleId :
SSTD0.4289

Tgt Ion:228 Resp: 13383

Ion	Ratio	Lower	Upper
228	100		
229	20.1	17.1	25.7
226	27.7	22.4	33.6

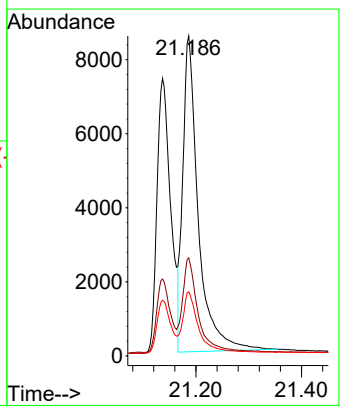


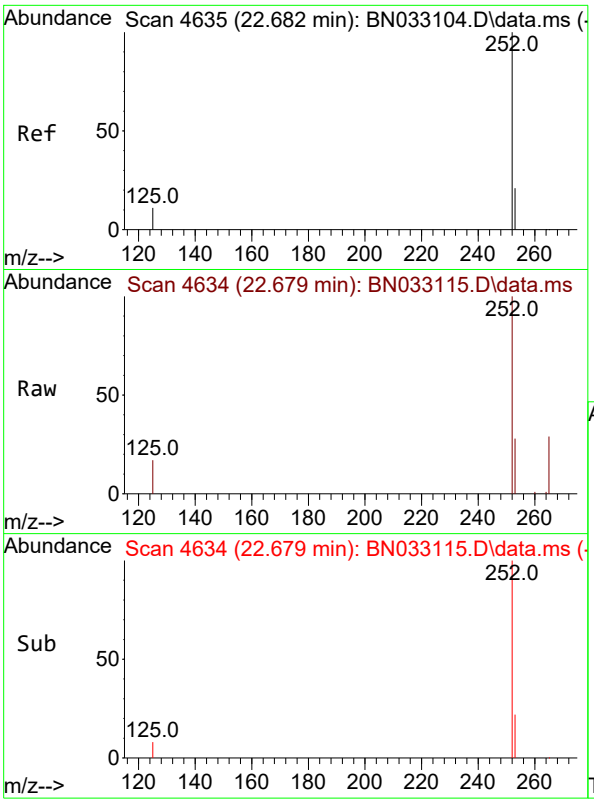


#22
Chrysene
Concen: 0.426 ng/ul
RT: 21.186 min Scan# 4123
Delta R.T. -0.003 min
Lab File: BN033115.D
Acq: 30 Jul 2024 21:05

Tgt Ion:228 Resp: 17347

Ion	Ratio	Lower	Upper
228	100		
226	30.7	24.7	37.1
229	20.0	17.0	25.6



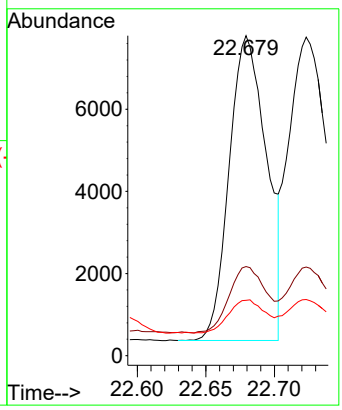


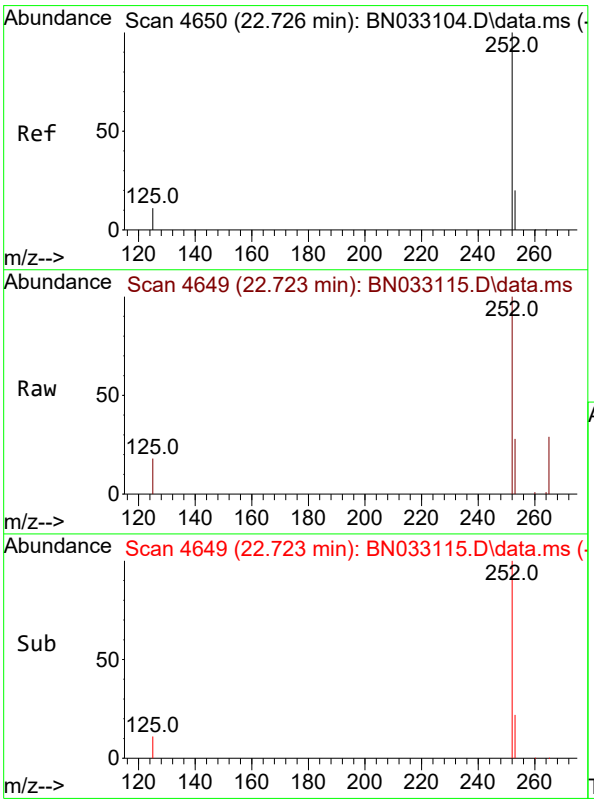
#24
Benzo(b)fluoranthene
Concen: 0.438 ng/ul
RT: 22.679 min Scan# 4
Delta R.T. -0.003 min
Lab File: BN033115.D
Acq: 30 Jul 2024 21:05

Instrument :
BNA_N
ClientSampleId :
SSTD0.4289

Tgt Ion:252 Resp: 14073

Ion	Ratio	Lower	Upper
252	100		
253	27.8	0.0	60.6
125	17.3	0.0	51.0

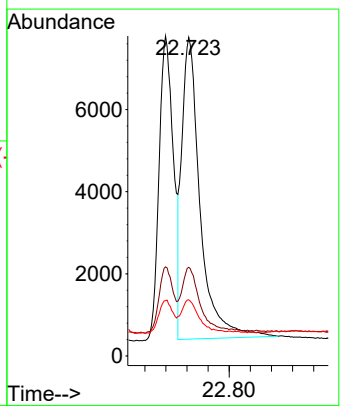


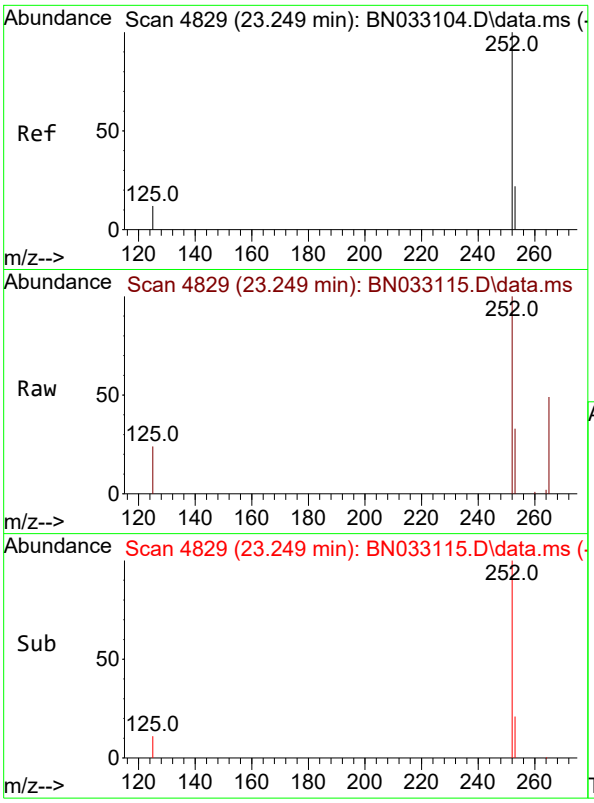


#25
Benzo(k)fluoranthene
Concen: 0.459 ng/ul
RT: 22.723 min Scan# 4649
Delta R.T. -0.003 min
Lab File: BN033115.D
Acq: 30 Jul 2024 21:05

Tgt Ion:252 Resp: 17682

Ion	Ratio	Lower	Upper
252	100		
253	27.8	24.9	37.3
125	17.6	20.9	31.3#



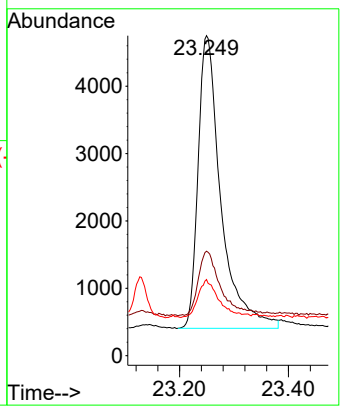


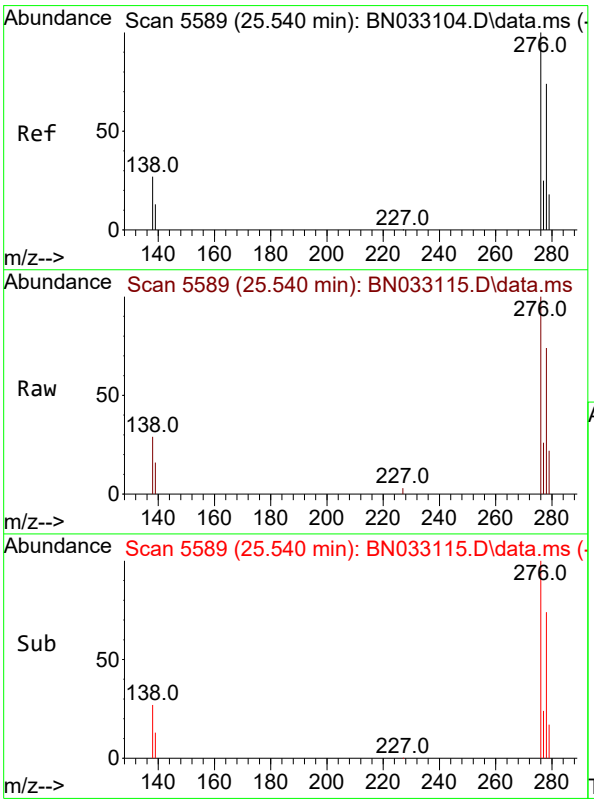
#26
Benzo(a)pyrene
Concen: 0.419 ng/ul
RT: 23.249 min Scan# 4
Delta R.T. 0.000 min
Lab File: BN033115.D
Acq: 30 Jul 2024 21:05

Instrument :
BNA_N
ClientSampleId :
SSTD0.4289

Tgt Ion:252 Resp: 12679

Ion	Ratio	Lower	Upper
252	100		
253	32.6	27.5	41.3
125	23.8	27.0	40.6#

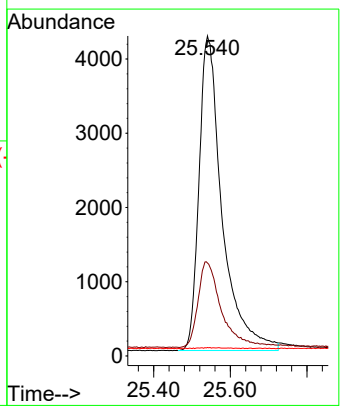


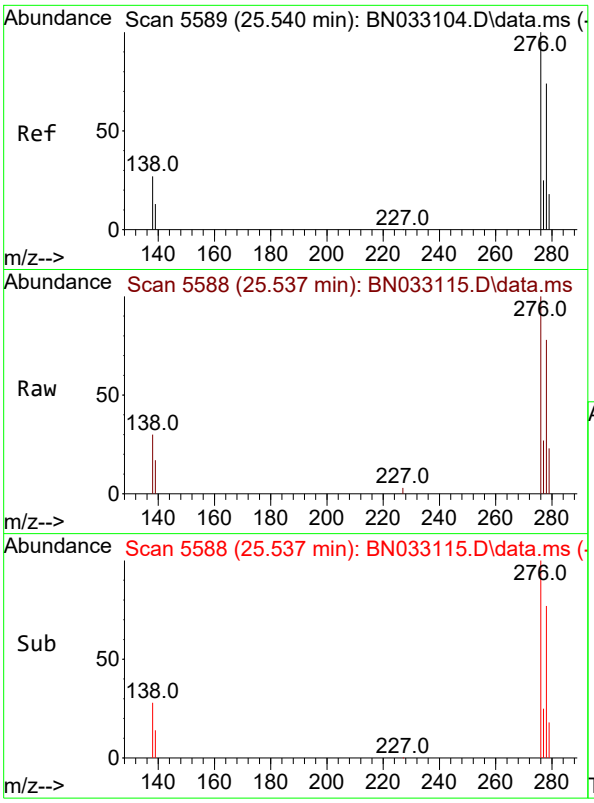


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.386 ng/ul
RT: 25.540 min Scan# 5589
Delta R.T. 0.000 min
Lab File: BN033115.D
Acq: 30 Jul 2024 21:05

Tgt Ion:276 Resp: 17756

Ion	Ratio	Lower	Upper
276	100		
138	27.9	21.8	32.8
227	0.1	0.2	0.2#



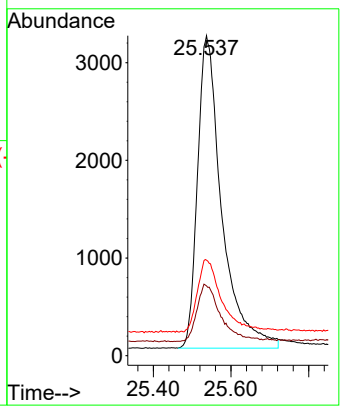


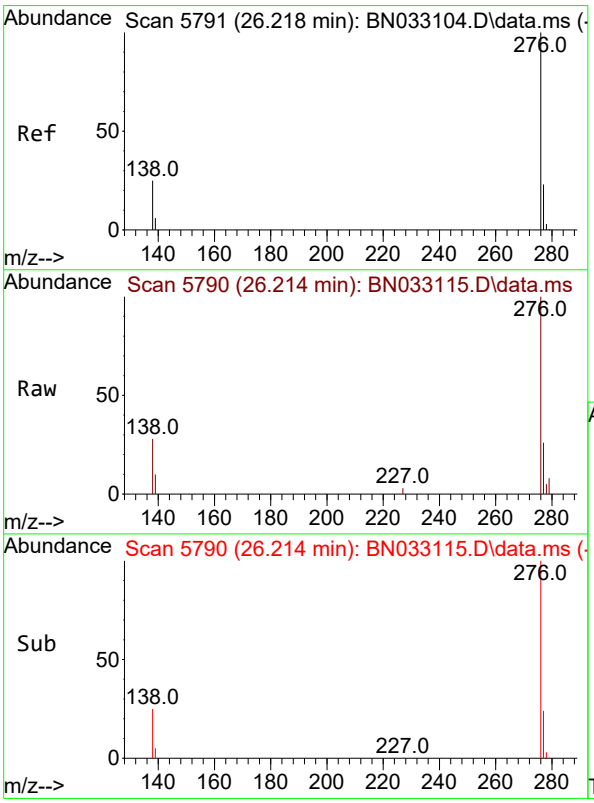
#28
Dibenzo(a,h)anthracene
Concen: 0.381 ng/ul
RT: 25.537 min Scan# 5
Delta R.T. -0.003 min
Lab File: BN033115.D
Acq: 30 Jul 2024 21:05

Instrument :
BNA_N
ClientSampleId :
SSTD0.4289

Tgt Ion:278 Resp: 13877

Ion	Ratio	Lower	Upper
278	100		
139	21.8	22.5	33.7#
279	29.9	25.5	38.3





#29
Benzo(g,h,i)perylene
Concen: 0.398 ng/ul
RT: 26.214 min Scan# 5790
Delta R.T. -0.003 min
Lab File: BN033115.D
Acq: 30 Jul 2024 21:05

Tgt Ion:276 Resp: 14556

Ion	Ratio	Lower	Upper
276	100		
138	28.2	24.6	37.0
277	26.4	22.6	34.0