Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN021124\
Data File : BN029688.D
Acq On : 11 Feb 2024 17:07
Operator : MA/JU
Sample : P1398-02
Misc :
ALS Vial : 81 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AF6

Quant Time: Feb 11 23:27:26 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN020624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Feb 11 23:18:17 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.880	152	6601	0.400	ng/ul	0.00
4) Naphthalene-d8	10.672	136	18807	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.520	164	8626	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.272	188	15020	0.400	ng/ul	0.00
17) Chrysene-d12	21.473	240	9019	0.400	ng/ul	0.00
23) Perylene-d12	23.840	264	12279	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.328	96	36114	4.388	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.267	152	8476	0.354	ng/ul	0.00
18) Fluoranthene-d10	19.304	212	13033	0.440	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.365	88	2402	0.268	ng/ul	93
5) Naphthalene	10.722	128	7246	0.137	ng/ul	98
7) 2-Methylnaphthalene	12.344	142	5168	0.170	ng/ul	100
8) 1-Methylnaphthalene	12.564	142	3475	0.112	ng/ul	99
10) Acenaphthylene	14.238	152	3269	0.078	ng/ul#	94
11) Acenaphthene	14.580	153	1867	0.058	ng/ul	98
12) Fluorene	15.570	166	2269	0.068	ng/ul	99
15) Phenanthrene	17.310	178	1946	0.041	ng/ul#	90
16) Anthracene	17.403	178	2490	0.063	ng/ul#	90
19) Fluoranthene	19.336	202	1627	0.039	ng/ul#	87
20) Pyrene	19.699	202	1641	0.039	ng/ul#	80
21) Benzo(a)anthracene	21.511	228	2225	0.068	ng/ul	94
22) Chrysene	21.511	228	2005	0.056	ng/ul	97
24) Benzo(b)fluoranthene	23.124	252	2644	0.057	ng/ul#	53
25) Benzo(k)fluoranthene	23.171	252	2575	0.050	ng/ul#	43
26) Benzo(a)pyrene	23.735	252	2050	0.047	ng/ul#	48
27) Indeno(1,2,3-cd)pyrene	26.302	276	3192	0.061	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.335	278	2364	0.057	ng/ul#	55
29) Benzo(g,h,i)perylene	27.053	276	2821	0.059	ng/ul#	86

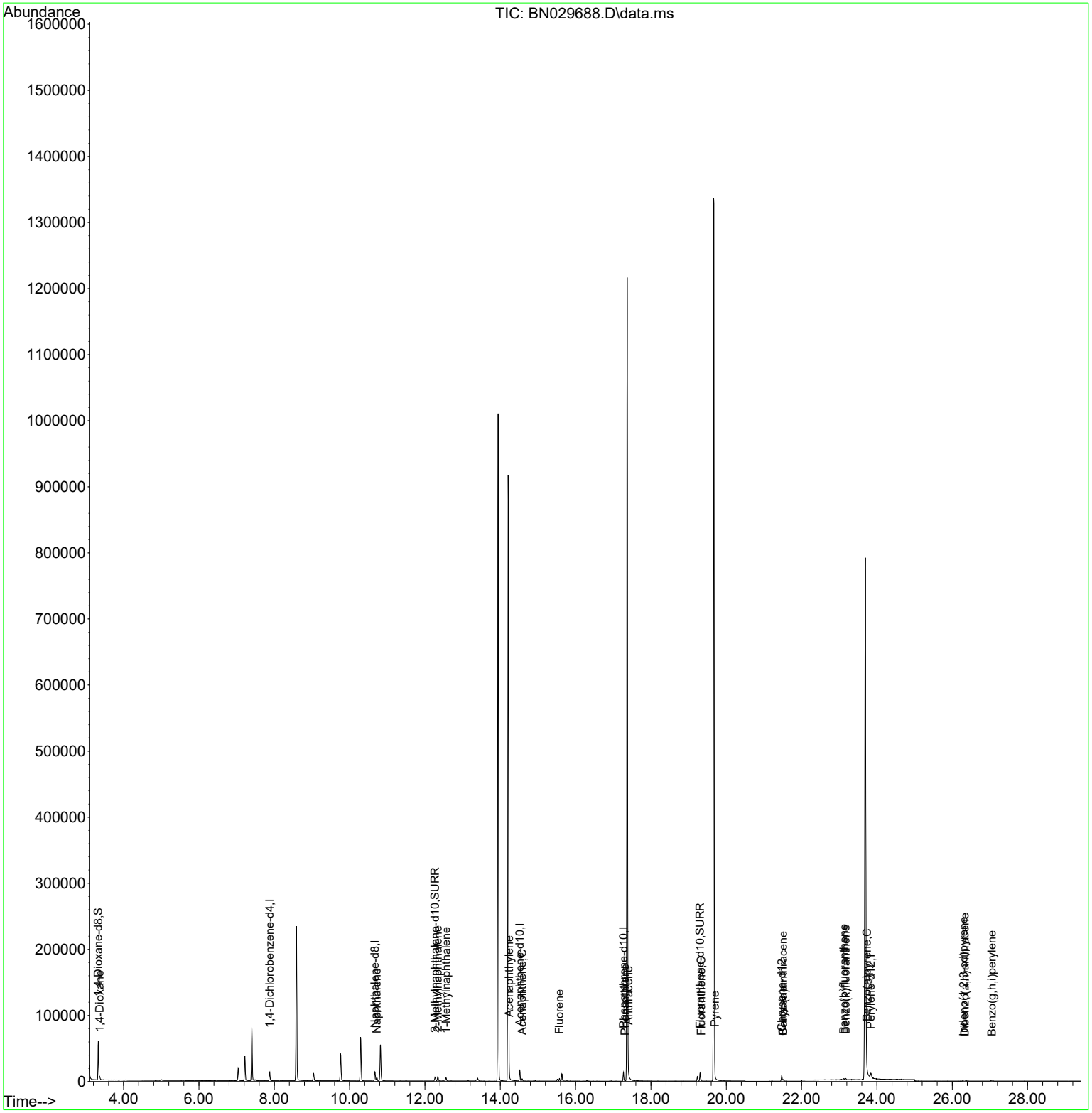
(#) = qualifier out of range (m) = manual integration (+) = signals summed

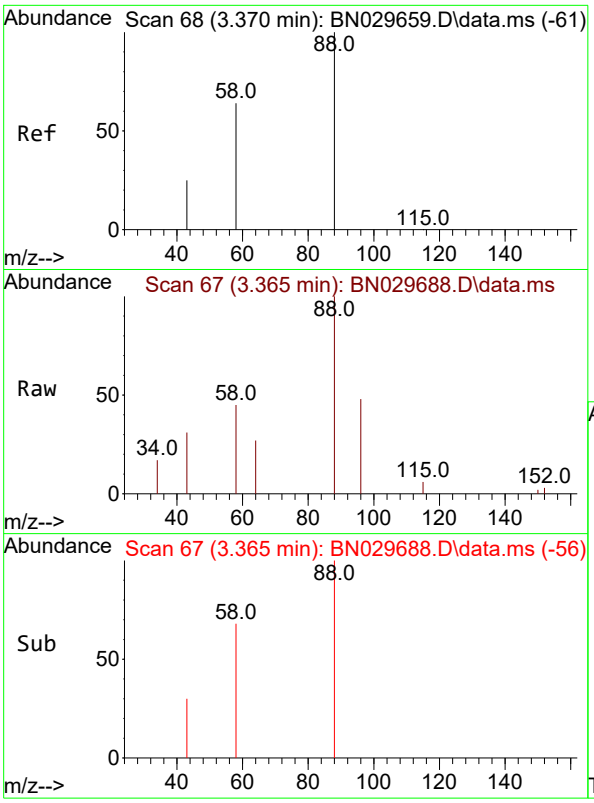
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN021124\
Data File : BN029688.D
Acq On : 11 Feb 2024 17:07
Operator : MA/JU
Sample : P1398-02
Misc :
ALS Vial : 81 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AF6

Quant Time: Feb 11 23:27:26 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN020624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Feb 11 23:18:17 2024
Response via : Initial Calibration



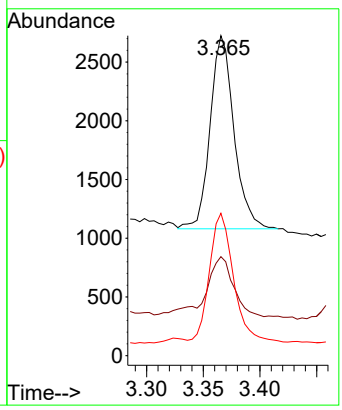


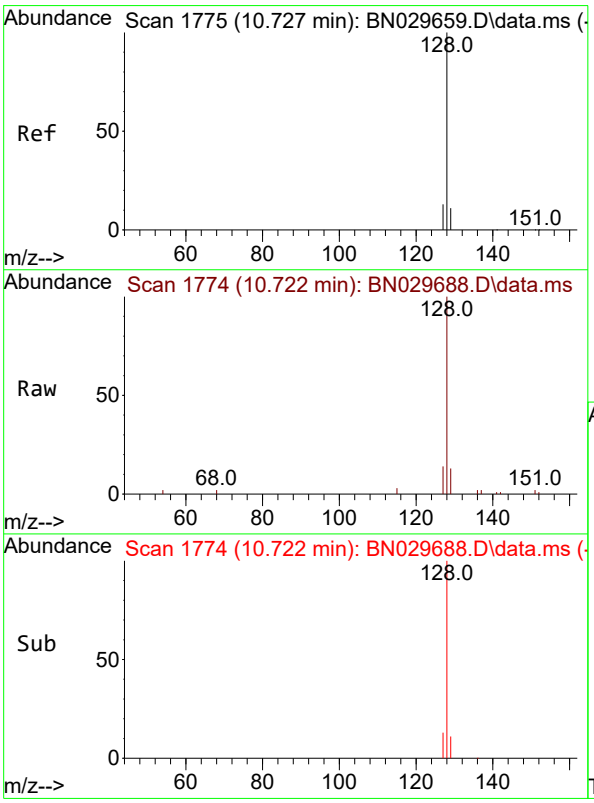
#2
1,4-Dioxane
Concen: 0.268 ng/ul
RT: 3.365 min Scan# 6
Delta R.T. -0.004 min
Lab File: BN029688.D
Acq: 11 Feb 2024 17:07

Instrument :
BNA_N
ClientSampleId :
C0AF6

Tgt Ion: 88 Resp: 2402

Ion	Ratio	Lower	Upper
88	100		
43	30.9	21.8	32.6
58	44.5	39.3	58.9

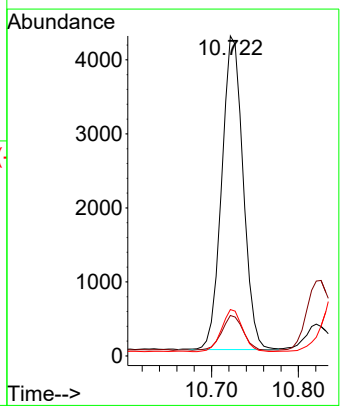


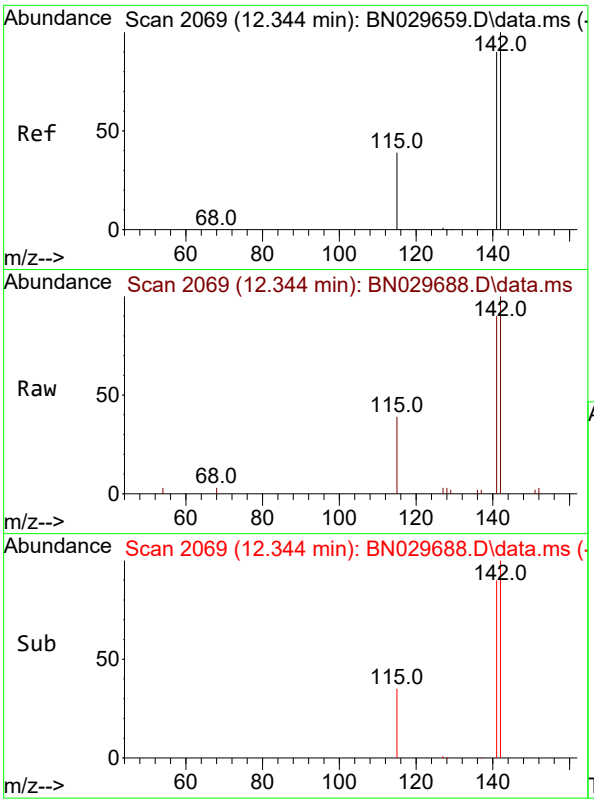


#5
Naphthalene
Concen: 0.137 ng/ul
RT: 10.722 min Scan# 1774
Delta R.T. -0.006 min
Lab File: BN029688.D
Acq: 11 Feb 2024 17:07

Tgt Ion:128 Resp: 7246

Ion	Ratio	Lower	Upper
128	100		
129	12.6	9.1	13.7
127	14.5	11.0	16.6



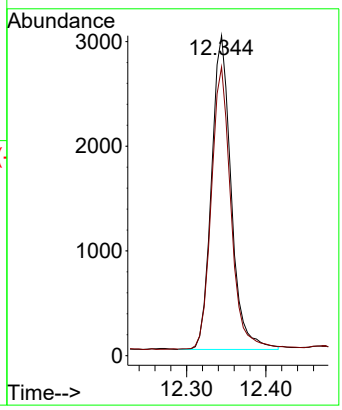


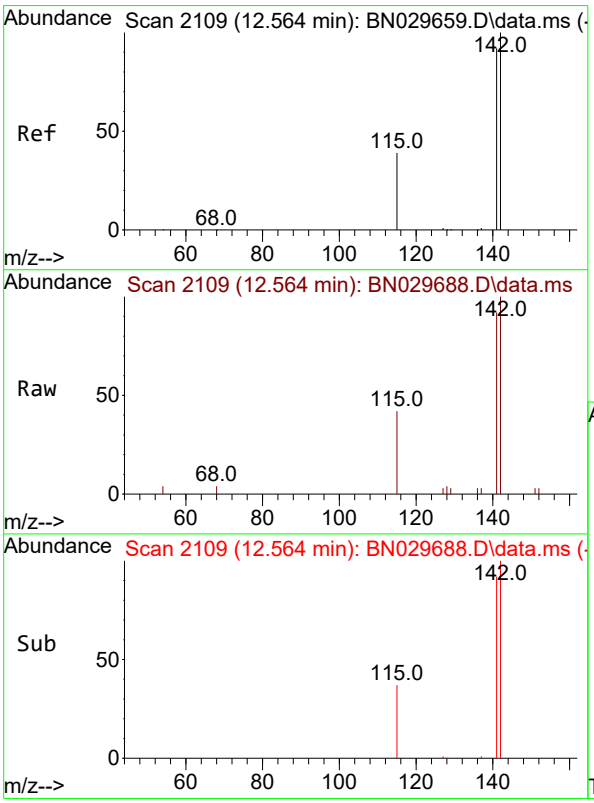
#7
2-Methylnaphthalene
Concen: 0.170 ng/ul
RT: 12.344 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN029688.D
Acq: 11 Feb 2024 17:07

Instrument :
BNA_N
ClientSampleId :
C0AF6

Tgt Ion:142 Resp: 5168

Ion	Ratio	Lower	Upper
142	100		
141	89.3	71.5	107.3

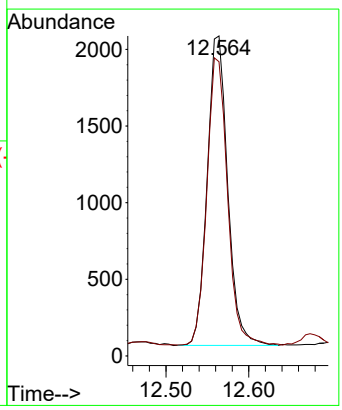


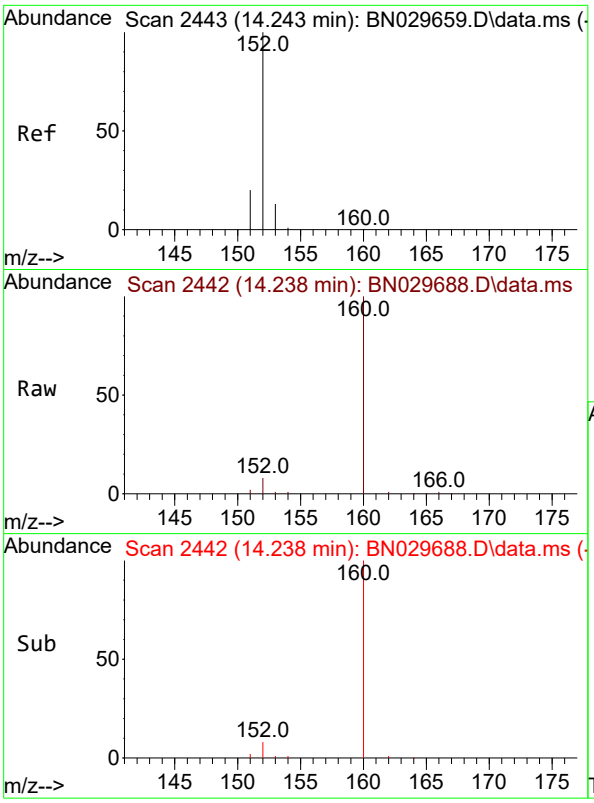


#8
1-Methylnaphthalene
Concen: 0.112 ng/ul
RT: 12.564 min Scan# 2109
Delta R.T. -0.000 min
Lab File: BN029688.D
Acq: 11 Feb 2024 17:07

Tgt Ion:142 Resp: 3475

Ion	Ratio	Lower	Upper
142	100		
141	93.2	73.9	110.9



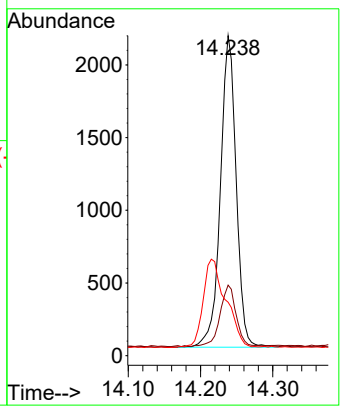


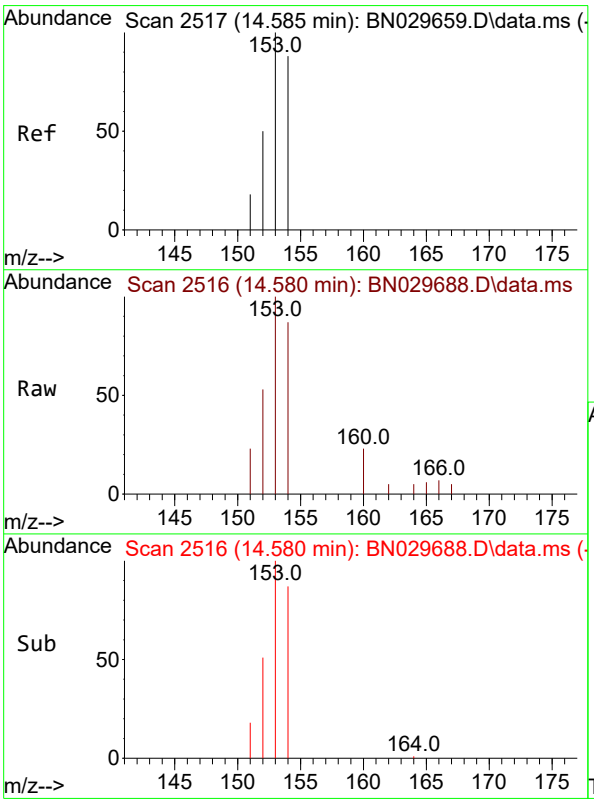
#10
Acenaphthylene
Concen: 0.078 ng/ul
RT: 14.238 min Scan# 24
Delta R.T. -0.005 min
Lab File: BN029688.D
Acq: 11 Feb 2024 17:07

Instrument :
BNA_N
ClientSampleId :
C0AF6

Tgt Ion:152 Resp: 3269

Ion	Ratio	Lower	Upper
152	100		
151	22.0	15.8	23.8
153	16.7	10.9	16.3#

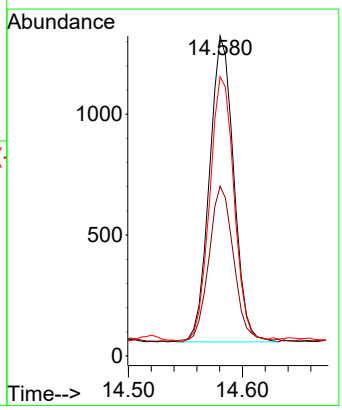


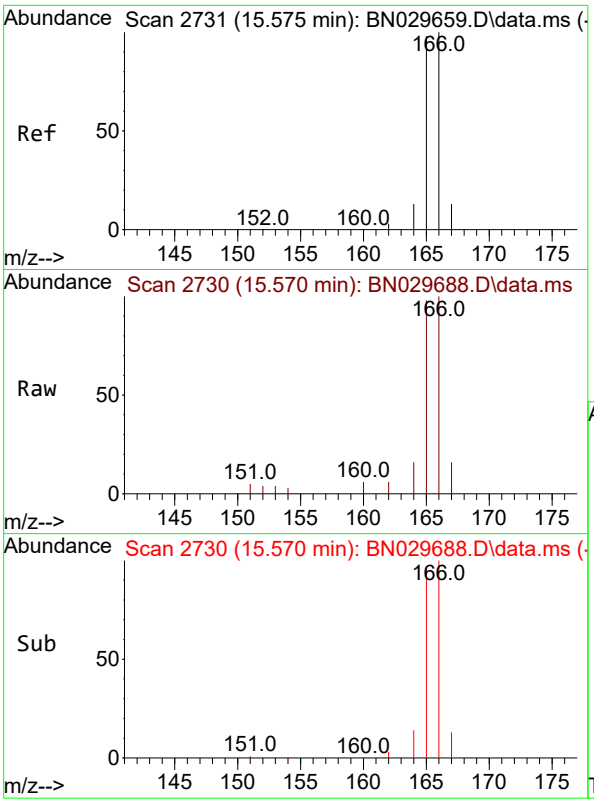


#11
Acenaphthene
Concen: 0.058 ng/ul
RT: 14.580 min Scan# 2516
Delta R.T. -0.005 min
Lab File: BN029688.D
Acq: 11 Feb 2024 17:07

Tgt Ion:153 Resp: 1867

Ion	Ratio	Lower	Upper
153	100		
152	53.0	41.5	62.3
154	87.2	70.9	106.3



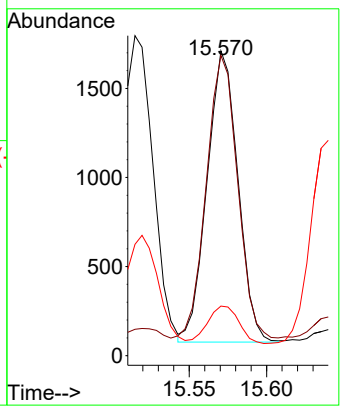


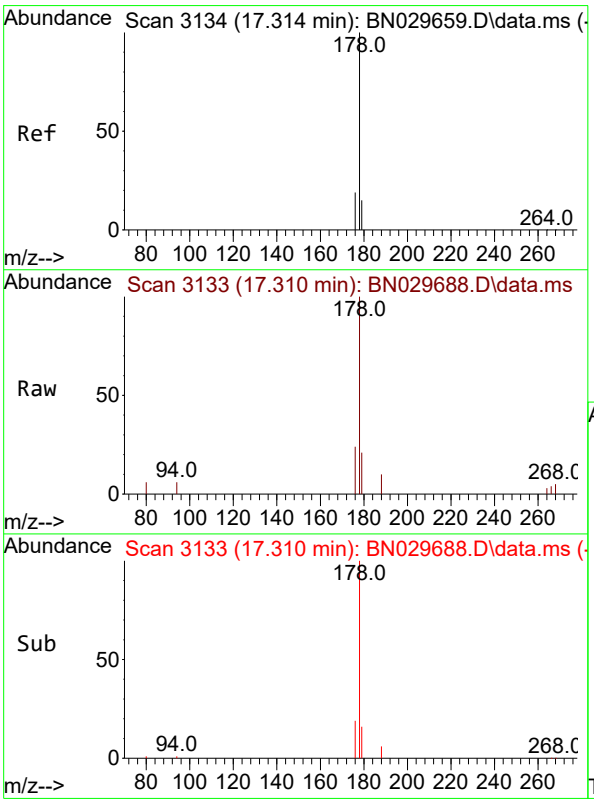
#12
Fluorene
Concen: 0.068 ng/ul
RT: 15.570 min Scan# 2
Delta R.T. -0.005 min
Lab File: BN029688.D
Acq: 11 Feb 2024 17:07

Instrument :
BNA_N
ClientSampleId :
C0AF6

Tgt Ion:166 Resp: 2269

Ion	Ratio	Lower	Upper
166	100		
165	98.5	78.6	117.8
167	16.2	11.5	17.3

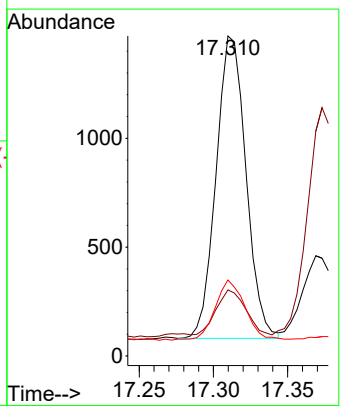


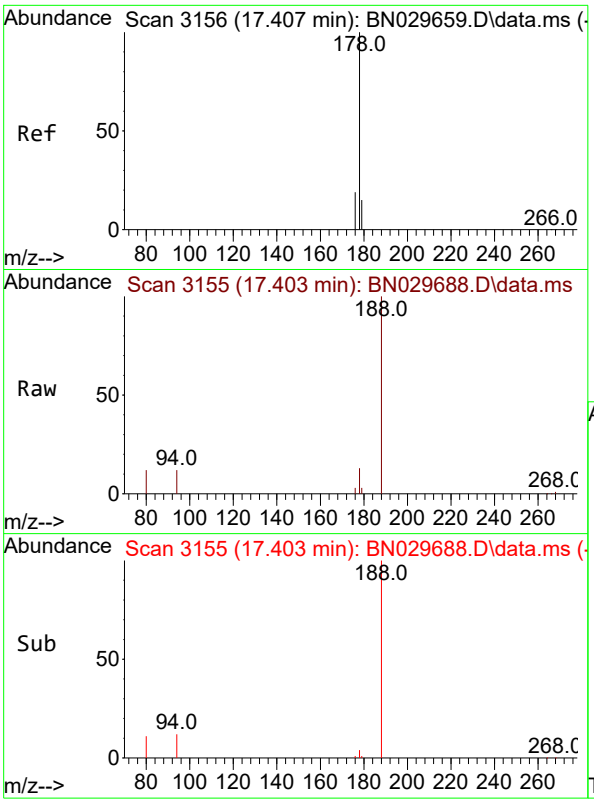


#15
Phenanthrene
Concen: 0.041 ng/ul
RT: 17.310 min Scan# 3133
Delta R.T. -0.004 min
Lab File: BN029688.D
Acq: 11 Feb 2024 17:07

Tgt Ion:178 Resp: 1946

Ion	Ratio	Lower	Upper
178	100		
179	20.7	12.6	18.8#
176	23.7	15.7	23.5#



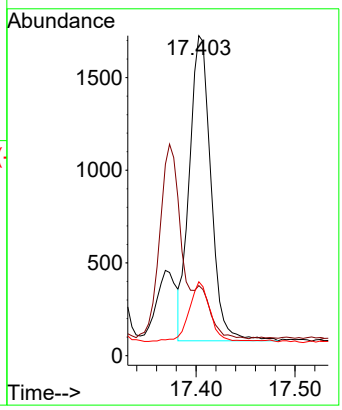


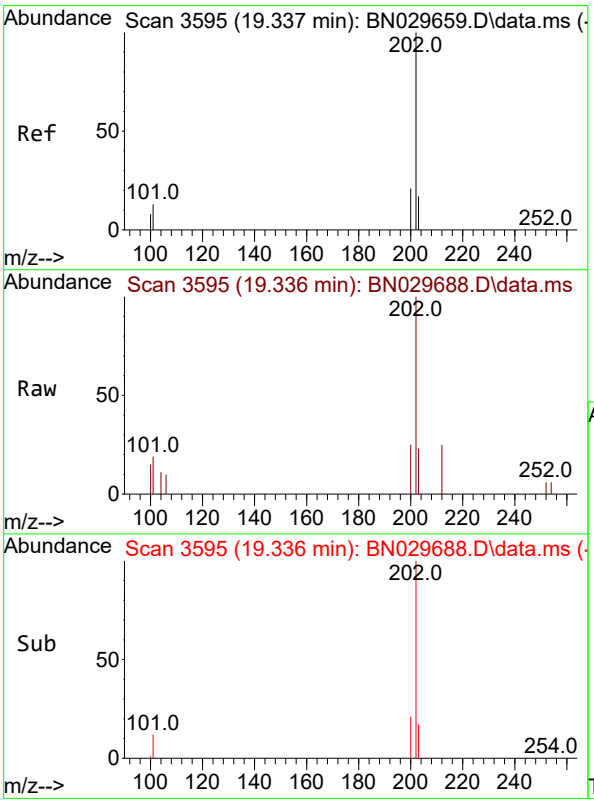
#16
Anthracene
Concen: 0.063 ng/ul
RT: 17.403 min Scan# 3
Delta R.T. -0.004 min
Lab File: BN029688.D
Acq: 11 Feb 2024 17:07

Instrument :
BNA_N
ClientSampleId :
C0AF6

Tgt Ion:178 Resp: 2490

Ion	Ratio	Lower	Upper
178	100		
179	21.9	12.9	19.3#
176	23.1	15.8	23.8

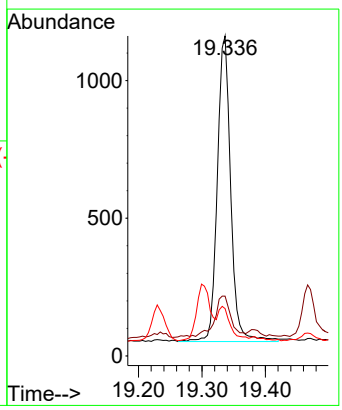


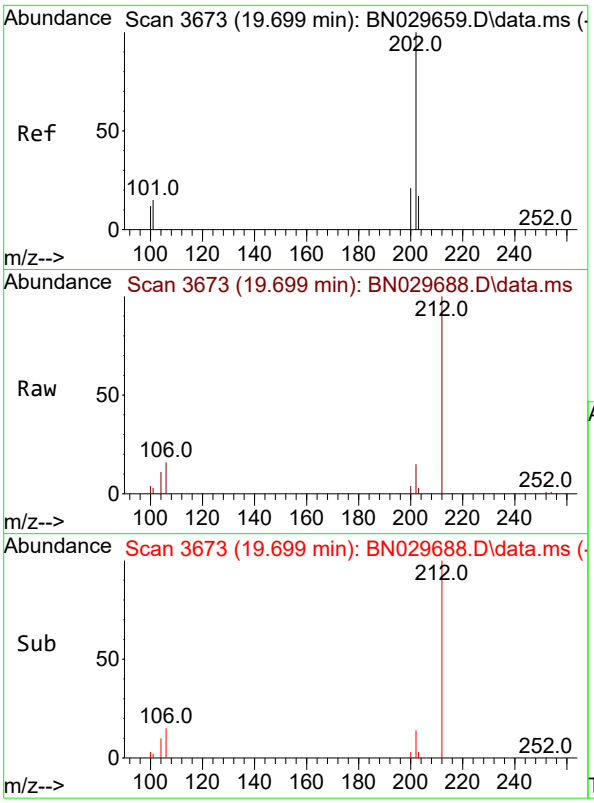


#19
Fluoranthene
Concen: 0.039 ng/ul
RT: 19.336 min Scan# 3595
Delta R.T. -0.000 min
Lab File: BN029688.D
Acq: 11 Feb 2024 17:07

Tgt Ion:202 Resp: 1627

Ion	Ratio	Lower	Upper
202	100		
101	18.7	10.4	15.6#
100	14.8	8.5	12.7#



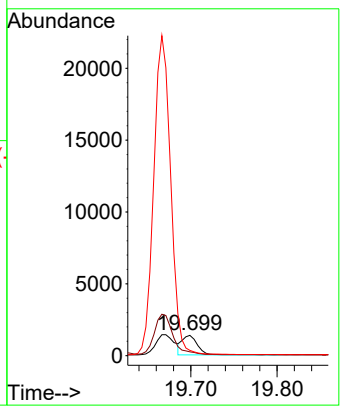


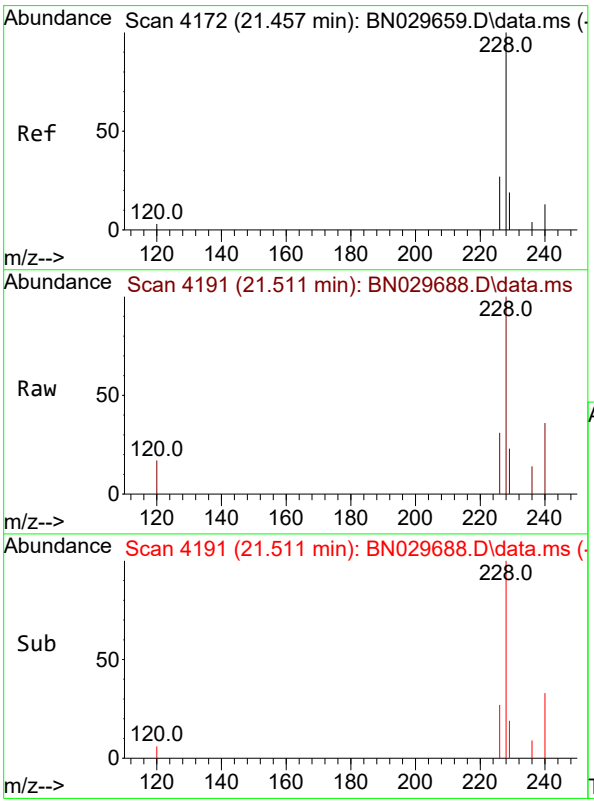
#20
Pyrene
Concen: 0.039 ng/ul
RT: 19.699 min Scan# 3
Delta R.T. -0.000 min
Lab File: BN029688.D
Acq: 11 Feb 2024 17:07

Instrument :
BNA_N
ClientSampleId :
C0AF6

Tgt Ion:202 Resp: 1641

Ion	Ratio	Lower	Upper
202	100		
101	19.3	12.5	18.7#
100	26.1	10.0	15.0#

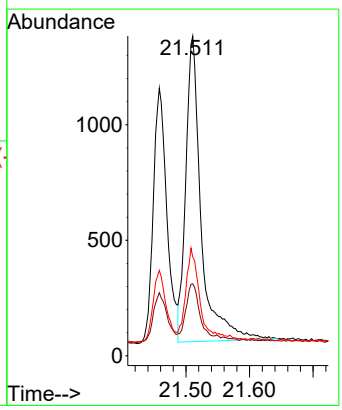


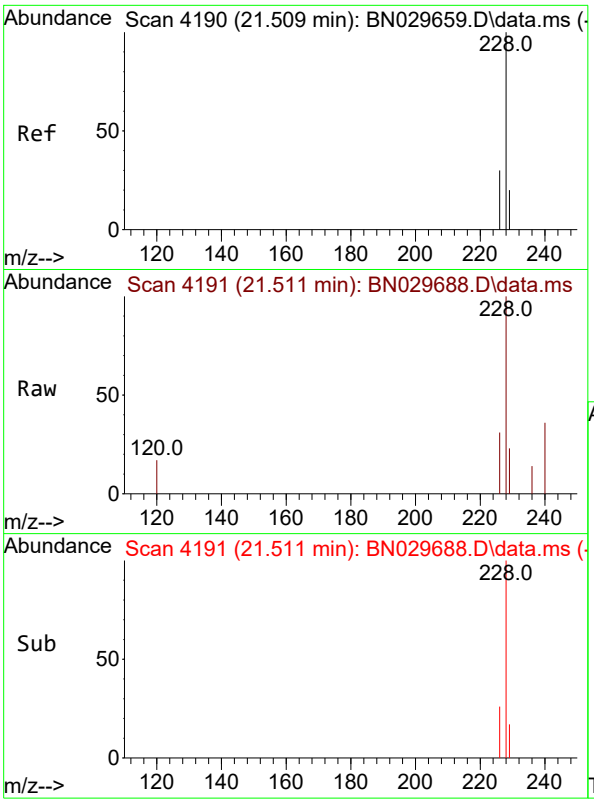


#21
Benzo(a)anthracene
Concen: 0.068 ng/ul
RT: 21.511 min Scan# 4191
Delta R.T. 0.054 min
Lab File: BN029688.D
Acq: 11 Feb 2024 17:07

Tgt Ion:228 Resp: 2225

Ion	Ratio	Lower	Upper
228	100		
229	22.5	15.7	23.5
226	30.9	22.2	33.4



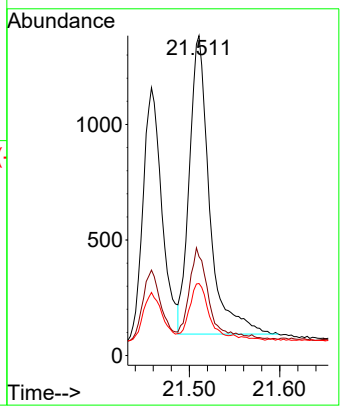


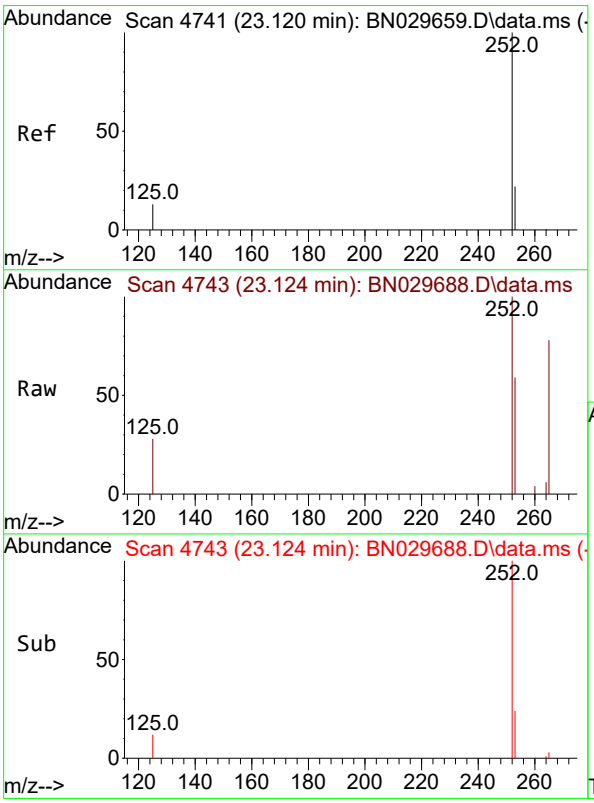
#22
Chrysene
Concen: 0.056 ng/ul
RT: 21.511 min Scan# 4
Delta R.T. 0.001 min
Lab File: BN029688.D
Acq: 11 Feb 2024 17:07

Instrument :
BNA_N
ClientSampleId :
C0AF6

Tgt Ion:228 Resp: 2005

Ion	Ratio	Lower	Upper
228	100		
226	30.9	24.2	36.2
229	22.5	15.7	23.5

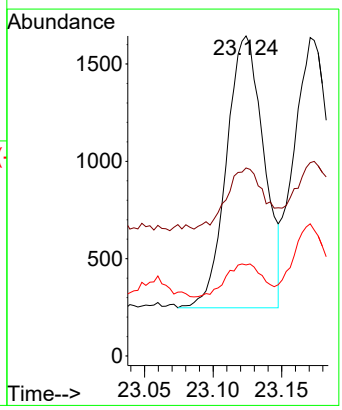


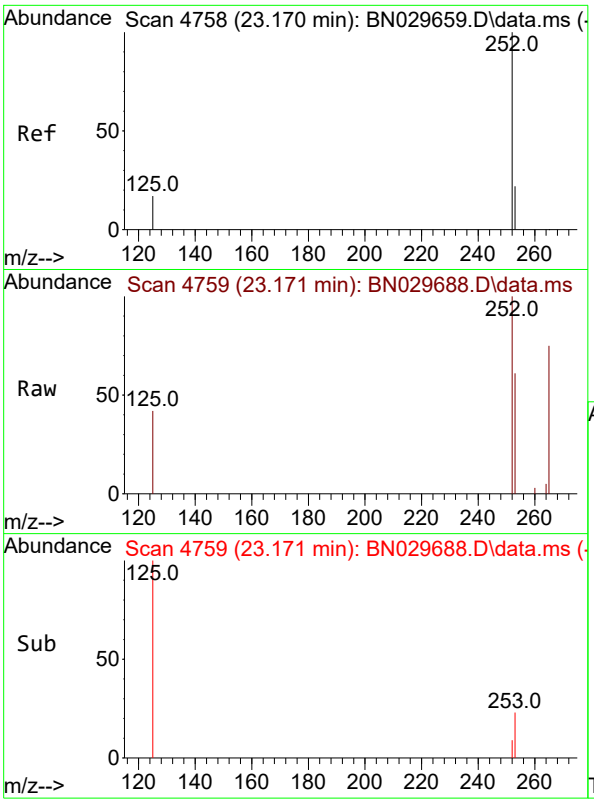


#24
Benzo(b)fluoranthene
Concen: 0.057 ng/ul
RT: 23.124 min Scan# 4743
Delta R.T. 0.004 min
Lab File: BN029688.D
Acq: 11 Feb 2024 17:07

Tgt Ion:252 Resp: 2644

Ion	Ratio	Lower	Upper
252	100		
253	58.8	0.0	56.8#
125	28.5	0.0	32.4



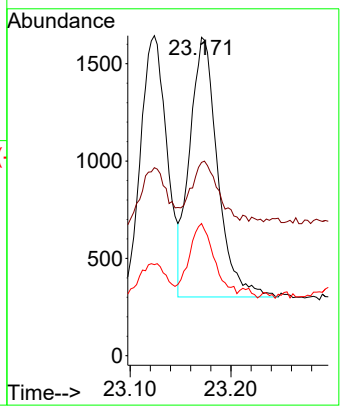


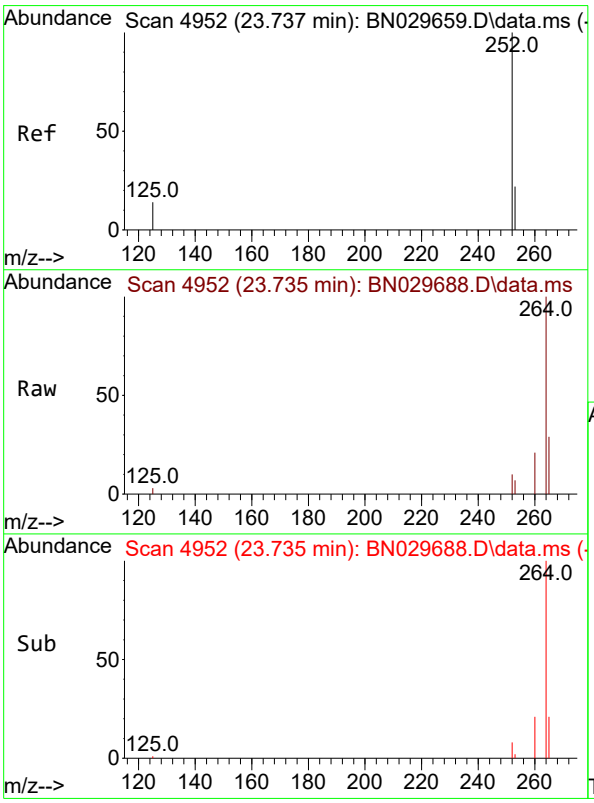
#25
Benzo(k)fluoranthene
Concen: 0.050 ng/ul
RT: 23.171 min Scan# 4
Delta R.T. 0.001 min
Lab File: BN029688.D
Acq: 11 Feb 2024 17:07

Instrument :
BNA_N
ClientSampleId :
C0AF6

Tgt Ion:252 Resp: 2575

Ion	Ratio	Lower	Upper
252	100		
253	60.7	22.6	33.8#
125	41.5	15.3	22.9#

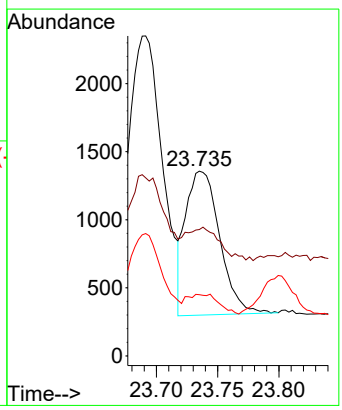


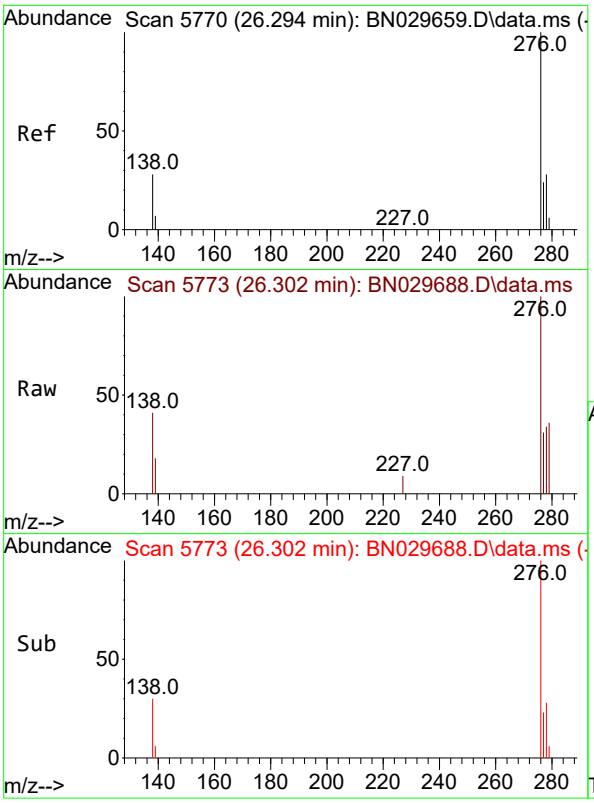


#26
Benzo(a)pyrene
Concen: 0.047 ng/ul
RT: 23.735 min Scan# 4952
Delta R.T. -0.002 min
Lab File: BN029688.D
Acq: 11 Feb 2024 17:07

Tgt Ion:252 Resp: 2050

Ion	Ratio	Lower	Upper
252	100		
253	68.4	25.4	38.0#
125	33.2	16.0	24.0#



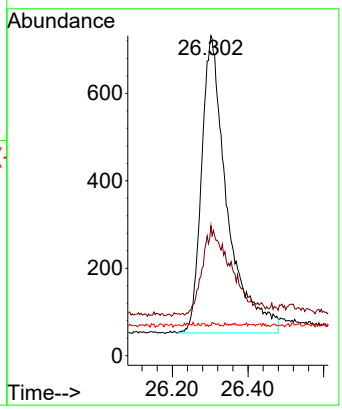


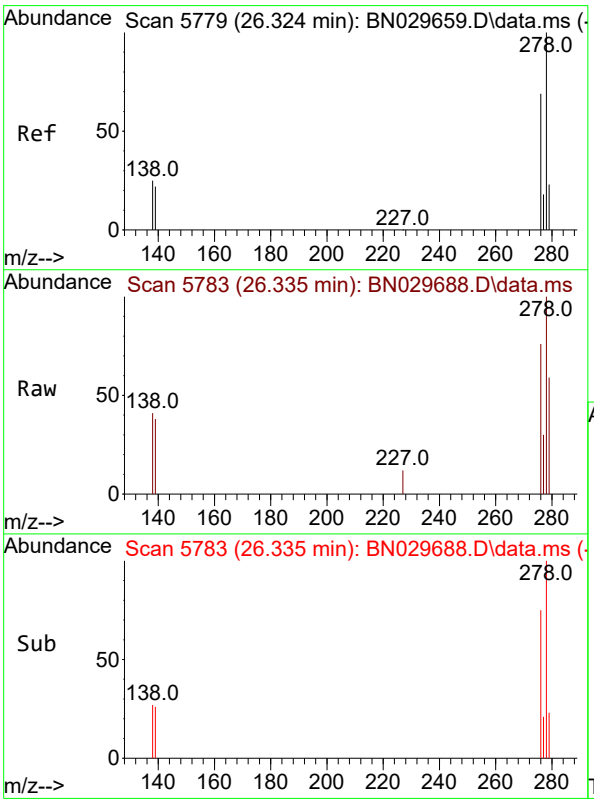
#27
Indeno(1,2,3-cd)pyrene
Concen: 0.061 ng/ul
RT: 26.302 min Scan# 5
Delta R.T. 0.008 min
Lab File: BN029688.D
Acq: 11 Feb 2024 17:07

Instrument :
BNA_N
ClientSampleId :
C0AF6

Tgt Ion:276 Resp: 3192

Ion	Ratio	Lower	Upper
276	100		
138	34.1	0.0	0.0#
227	0.3	0.0	0.0#

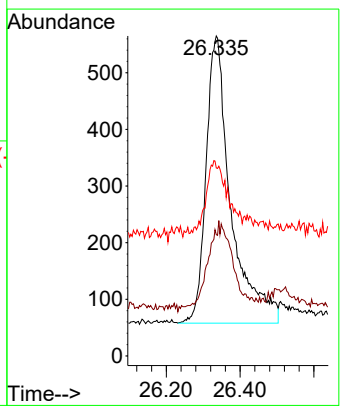


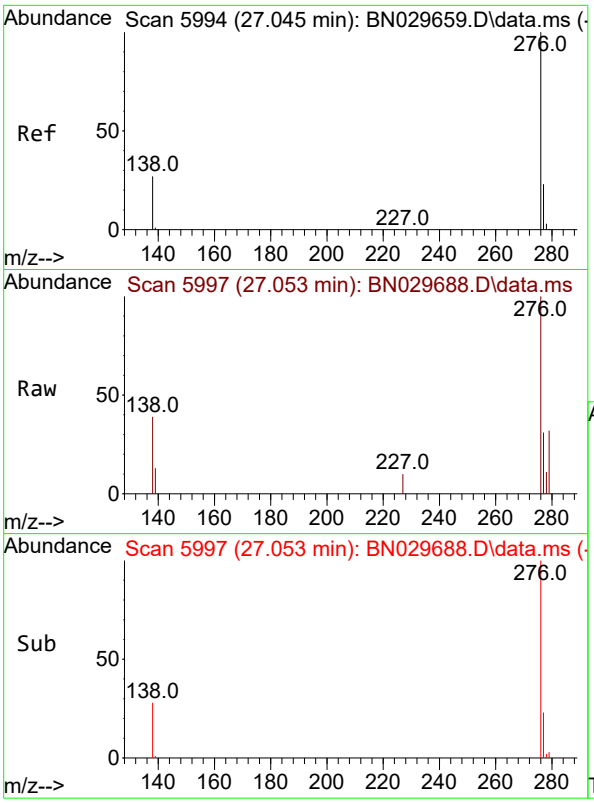


#28
Dibenzo(a,h)anthracene
Concen: 0.057 ng/ul
RT: 26.335 min Scan# 5783
Delta R.T. 0.012 min
Lab File: BN029688.D
Acq: 11 Feb 2024 17:07

Tgt Ion:278 Resp: 2364

Ion	Ratio	Lower	Upper
278	100		
139	37.9	19.0	28.4#
279	58.8	22.6	34.0#





#29
Benzo(g,h,i)perylene
Concen: 0.059 ng/ul
RT: 27.053 min Scan# 5
Delta R.T. 0.008 min
Lab File: BN029688.D
Acq: 11 Feb 2024 17:07

Instrument :
BNA_N
ClientSampleId :
C0AF6

Tgt Ion:276 Resp: 2821

Ion	Ratio	Lower	Upper
276	100		
138	39.0	24.6	37.0#
277	31.3	19.7	29.5#