Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN021124\
Data File : BN029686.D
Acq On : 11 Feb 2024 15:55
Operator : MA/JU
Sample : P1399-01
Misc :
ALS Vial : 79 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AH4

Quant Time: Feb 11 23:27:10 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	6492	0.400	ng/ul	0.00
4) Naphthalene-d8	10.672	136	18229	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.520	164	8663	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.272	188	15145	0.400	ng/ul	0.00
17) Chrysene-d12	21.473	240	9897	0.400	ng/ul	0.00
23) Perylene-d12	23.840	264	12912	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.328	96	38602	4.769	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.267	152	9757	0.421	ng/ul	0.00
18) Fluoranthene-d10	19.304	212	15374	0.473	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.366	88	2849	0.323	ng/ul#	93
5) Naphthalene	10.722	128	3882	0.076	ng/ul#	94
7) 2-Methylnaphthalene	12.344	142	2761	0.094	ng/ul	100
8) 1-Methylnaphthalene	12.559	142	1900	0.063	ng/ul	97
10) Acenaphthylene	14.238	152	1967	0.047	ng/ul#	89
11) Acenaphthene	14.581	153	1091	0.034	ng/ul	98
12) Fluorene	15.571	166	1217	0.036	ng/ul#	92
15) Phenanthrene	17.314	178	1000	0.021	ng/ul#	80
16) Anthracene	17.403	178	1113	0.028	ng/ul#	83
20) Pyrene	19.671	202	2622	0.056	ng/ul#	1
26) Benzo(a)pyrene	23.691	252	5367	0.117	ng/ul#	58

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

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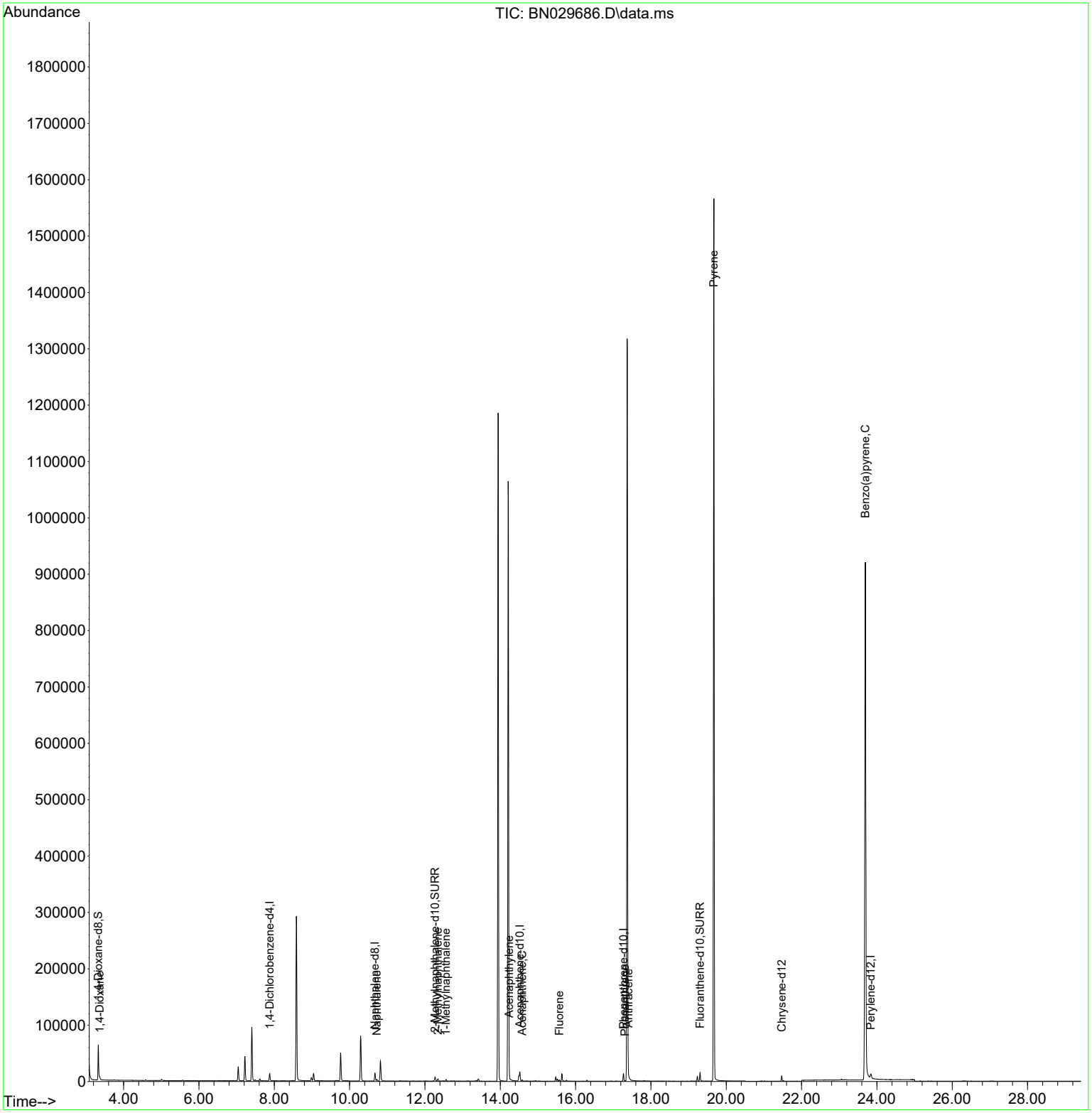
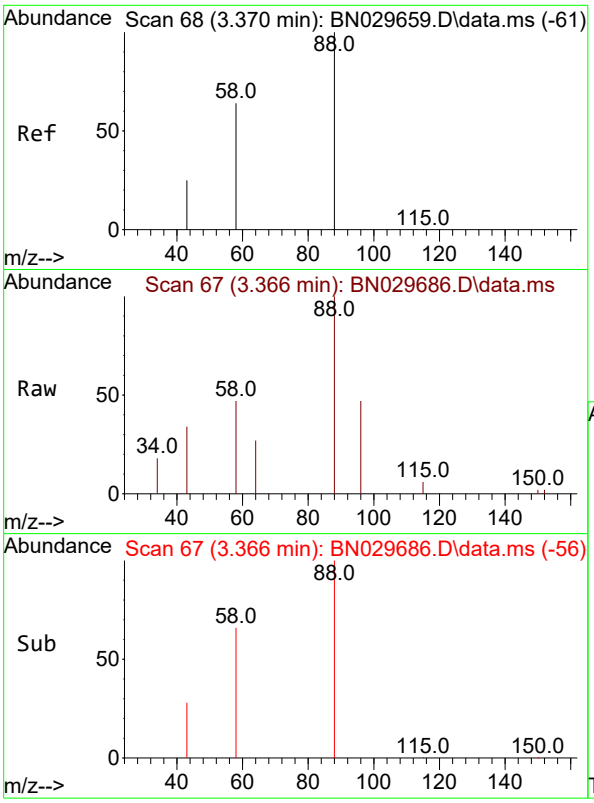


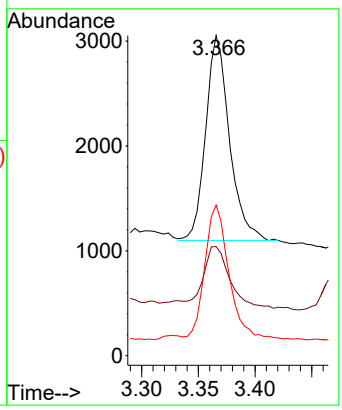


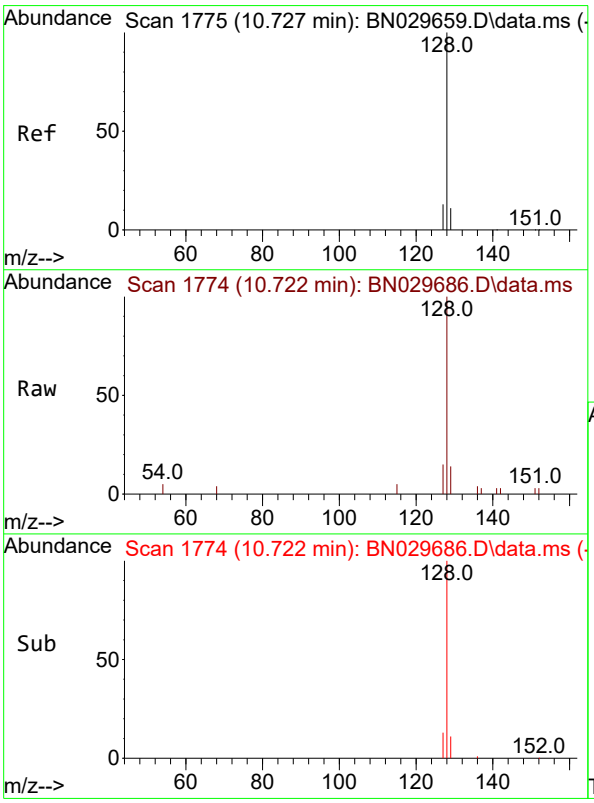
#2
1,4-Dioxane
Concen: 0.323 ng/ul
RT: 3.366 min Scan# 6
Delta R.T. -0.004 min
Lab File: BN029686.D
Acq: 11 Feb 2024 15:55

Instrument :
BNA_N
ClientSampleId :
C0AH4

Tgt Ion: 88 Resp: 2849

Ion	Ratio	Lower	Upper
88	100		
43	34.1	21.8	32.6#
58	47.1	39.3	58.9

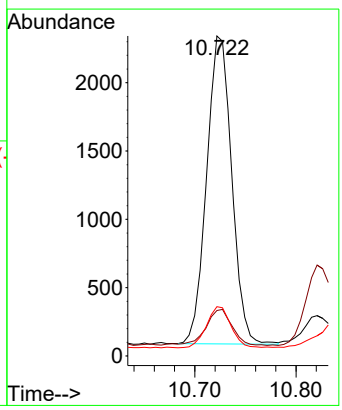


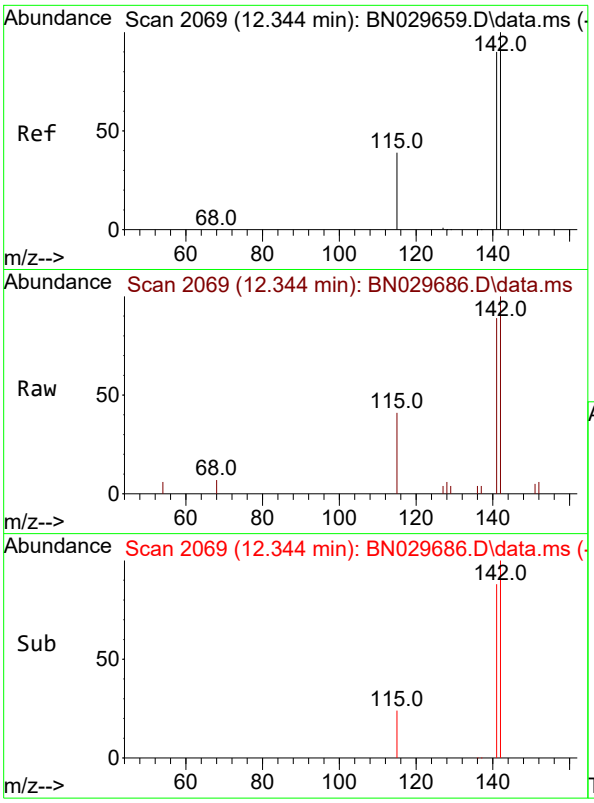


#5
Naphthalene
Concen: 0.076 ng/ul
RT: 10.722 min Scan# 1774
Delta R.T. -0.005 min
Lab File: BN029686.D
Acq: 11 Feb 2024 15:55

Tgt Ion:128 Resp: 3882

Ion	Ratio	Lower	Upper
128	100		
129	14.2	9.1	13.7#
127	15.4	11.0	16.6



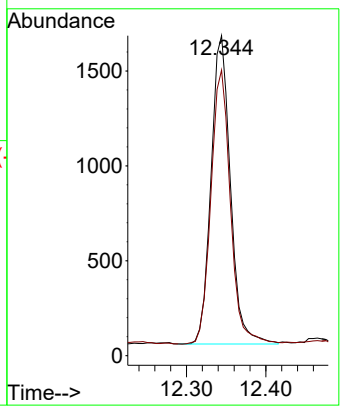


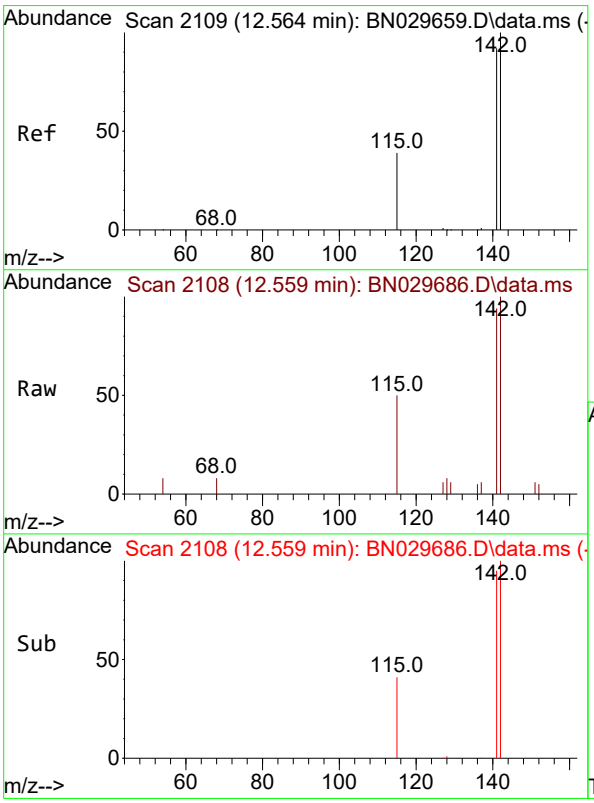
#7
2-Methylnaphthalene
Concen: 0.094 ng/ul
RT: 12.344 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN029686.D
Acq: 11 Feb 2024 15:55

Instrument :
BNA_N
ClientSampleId :
C0AH4

Tgt Ion:142 Resp: 2761

Ion	Ratio	Lower	Upper
142	100		
141	89.6	71.5	107.3

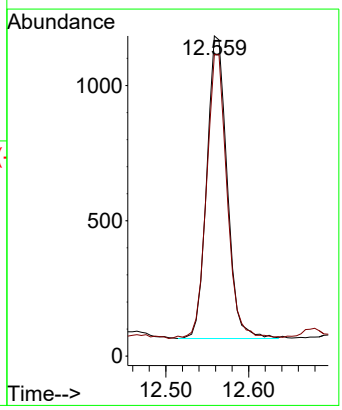


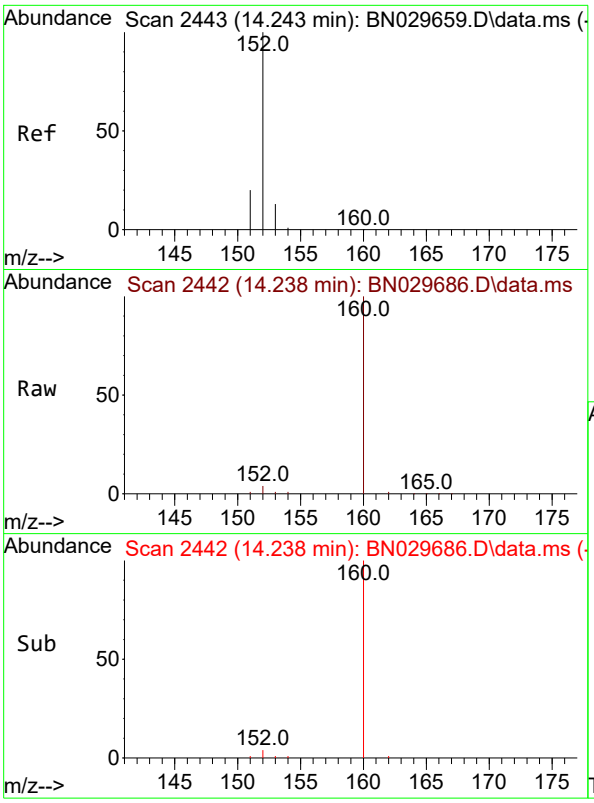


#8
1-Methylnaphthalene
Concen: 0.063 ng/ul
RT: 12.559 min Scan# 2108
Delta R.T. -0.005 min
Lab File: BN029686.D
Acq: 11 Feb 2024 15:55

Tgt Ion:142 Resp: 1900

Ion	Ratio	Lower	Upper
142	100		
141	95.2	73.9	110.9



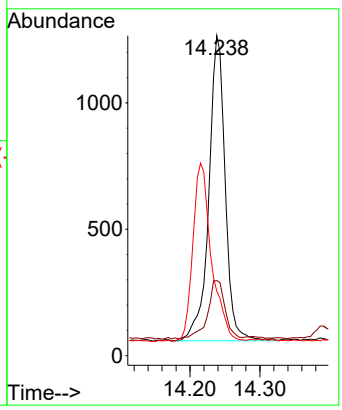


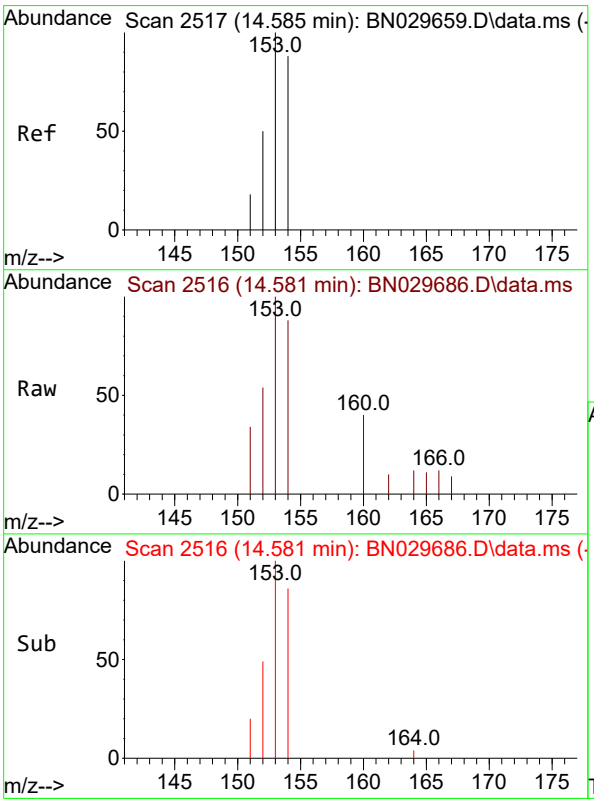
#10
Acenaphthylene
Concen: 0.047 ng/ul
RT: 14.238 min Scan# 24
Delta R.T. -0.005 min
Lab File: BN029686.D
Acq: 11 Feb 2024 15:55

Instrument :
BNA_N
ClientSampleId :
C0AH4

Tgt Ion:152 Resp: 1967

Ion	Ratio	Lower	Upper
152	100		
151	23.5	15.8	23.8
153	20.2	10.9	16.3#

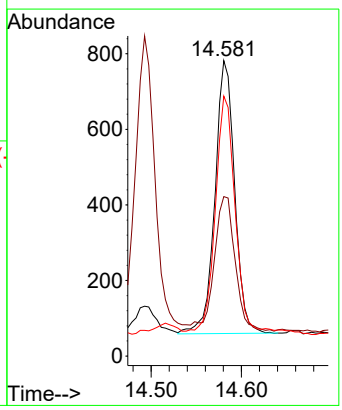


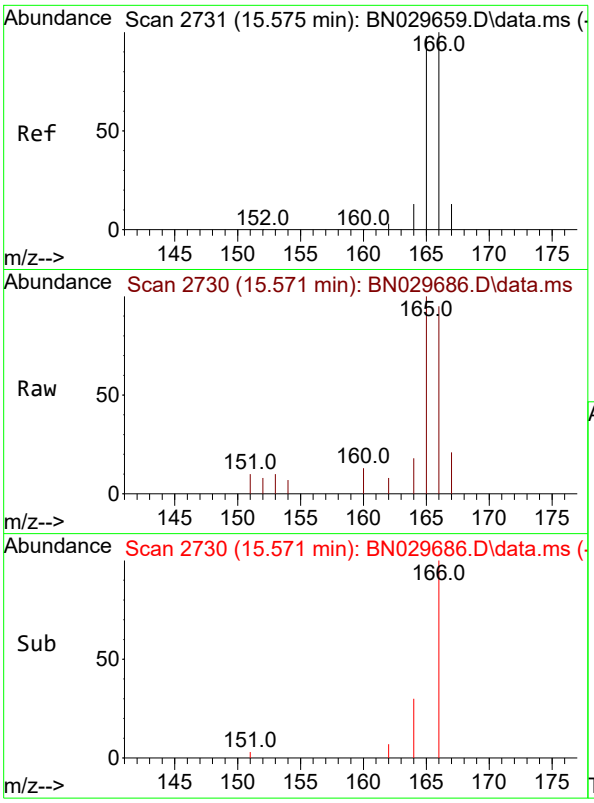


#11
Acenaphthene
Concen: 0.034 ng/ul
RT: 14.581 min Scan# 2516
Delta R.T. -0.005 min
Lab File: BN029686.D
Acq: 11 Feb 2024 15:55

Tgt Ion:153 Resp: 1091

Ion	Ratio	Lower	Upper
153	100		
152	54.0	41.5	62.3
154	88.0	70.9	106.3



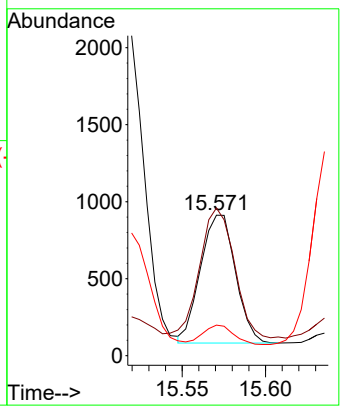


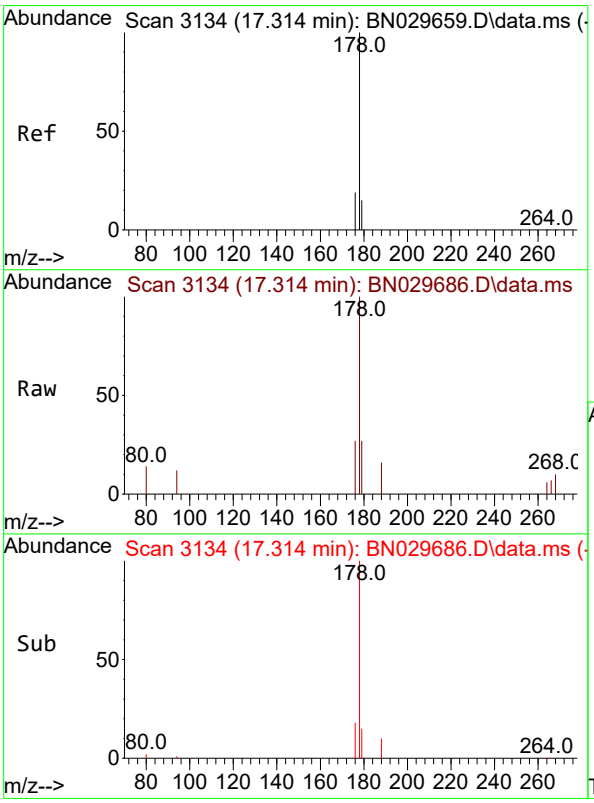
#12
Fluorene
Concen: 0.036 ng/ul
RT: 15.571 min Scan# 2
Delta R.T. -0.005 min
Lab File: BN029686.D
Acq: 11 Feb 2024 15:55

Instrument :
BNA_N
ClientSampleId :
C0AH4

Tgt Ion:166 Resp: 1217

Ion	Ratio	Lower	Upper
166	100		
165	105.2	78.6	117.8
167	21.8	11.5	17.3#

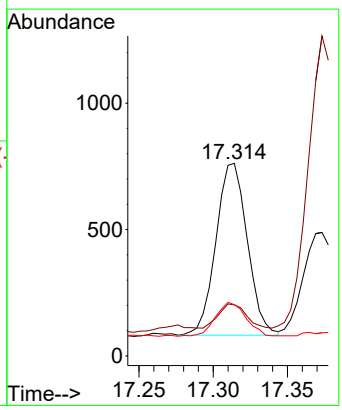


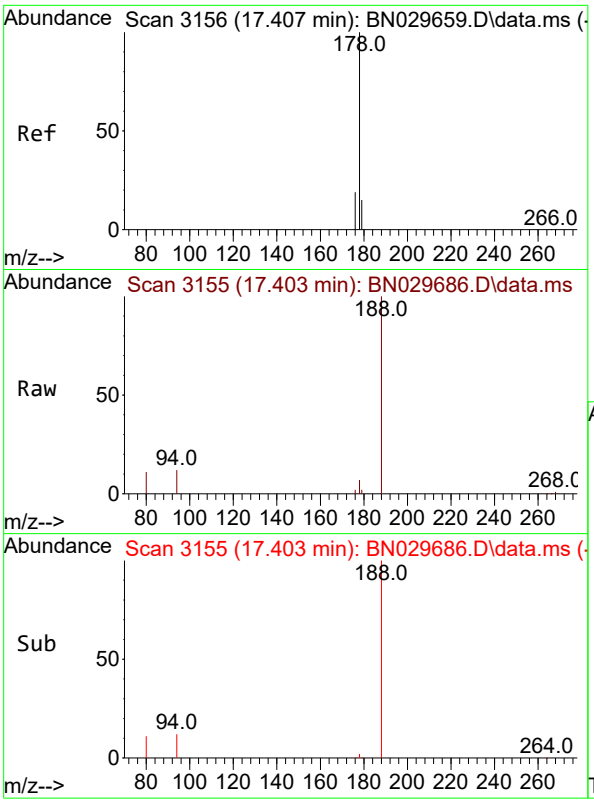


#15
Phenanthrene
Concen: 0.021 ng/ul
RT: 17.314 min Scan# 3134
Delta R.T. 0.000 min
Lab File: BN029686.D
Acq: 11 Feb 2024 15:55

Tgt Ion:178 Resp: 1000

Ion	Ratio	Lower	Upper
178	100		
179	26.5	12.6	18.8#
176	26.6	15.7	23.5#



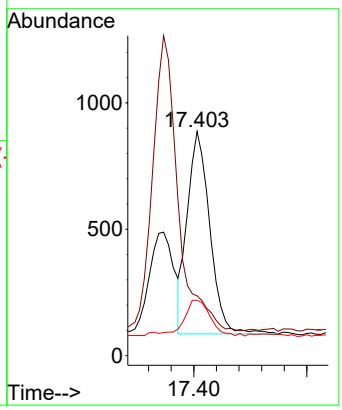


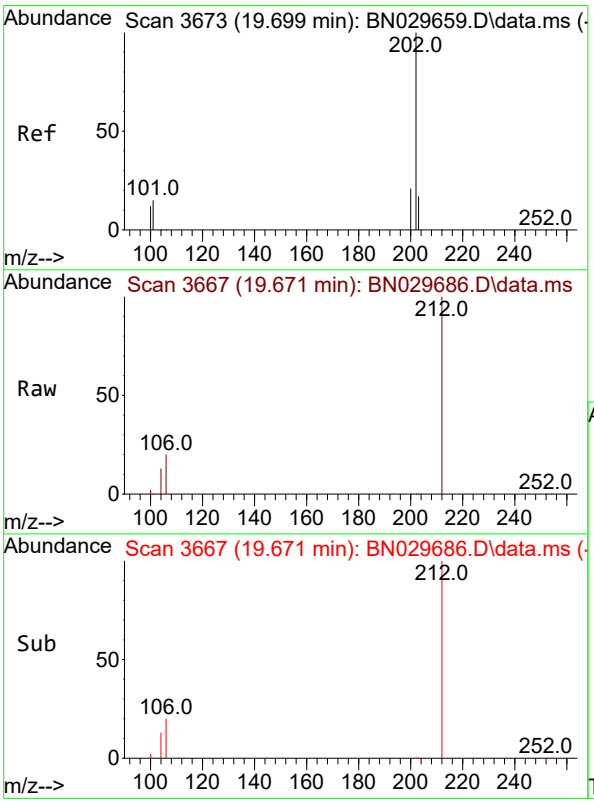
#16
Anthracene
Concen: 0.028 ng/ul
RT: 17.403 min Scan# 3
Delta R.T. -0.004 min
Lab File: BN029686.D
Acq: 11 Feb 2024 15:55

Instrument :
BNA_N
ClientSampleId :
C0AH4

Tgt Ion:178 Resp: 1113

Ion	Ratio	Lower	Upper
178	100		
179	26.7	12.9	19.3#
176	24.7	15.8	23.8#

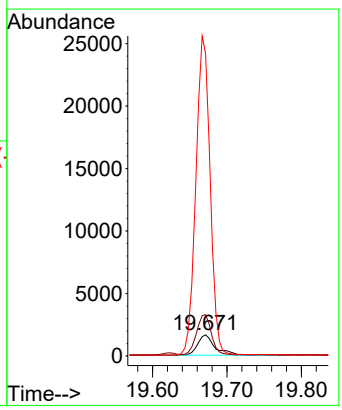


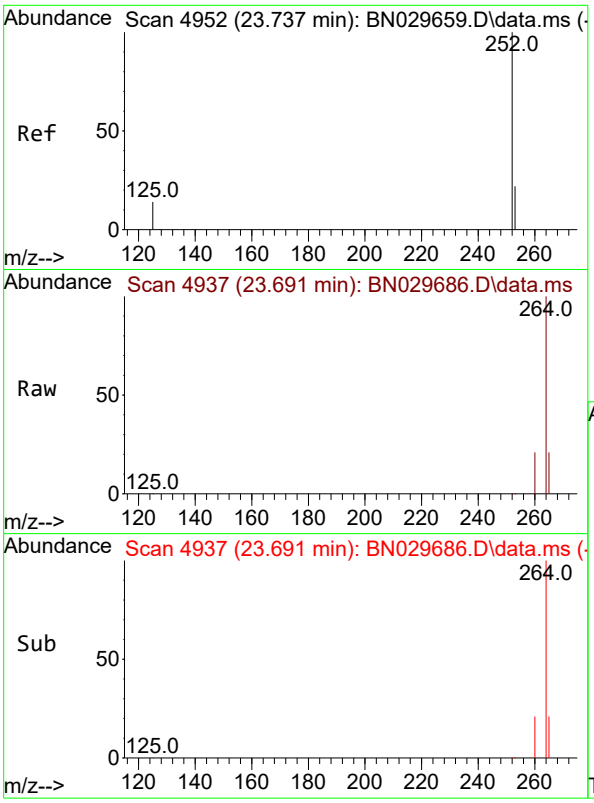


#20
Pyrene
Concen: 0.056 ng/ul
RT: 19.671 min Scan# 3667
Delta R.T. -0.028 min
Lab File: BN029686.D
Acq: 11 Feb 2024 15:55

Tgt Ion:202 Resp: 2622

Ion	Ratio	Lower	Upper
202	100		
101	194.9	12.5	18.7#
100	1428.5	10.0	15.0#





#26
Benzo(a)pyrene
Concen: 0.117 ng/ul
RT: 23.691 min Scan# 4
Delta R.T. -0.046 min
Lab File: BN029686.D
Acq: 11 Feb 2024 15:55

Instrument :
BNA_N
ClientSampleId :
C0AH4

Tgt Ion:252 Resp: 5367

Ion	Ratio	Lower	Upper
252	100		
253	55.7	25.4	38.0#
125	38.4	16.0	24.0#