Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032484.D
Acq On : 04 Jul 2024 21:10
Operator : MA/JU
Sample : P3065-08
Misc :
ALS Vial : 57 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CD4

Quant Time: Jul 04 23:08:22 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 03 03:26:42 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.595	152	6822	0.400	ng/ul	0.00
4) Naphthalene-d8	10.369	136	19522	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.242	164	10525	0.400	ng/ul	-0.01
13) Phenanthrene-d10	17.099	188	888889	0.400	ng/ul	0.09
17) Chrysene-d12	21.350	240	86	0.400	ng/ul	# 0.14
23) Perylene-d12	23.677	264	1178	0.400	ng/ul	# 0.25
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.143	96	25049	3.303	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.970	152	5843	0.200	ng/ul	0.00
18) Fluoranthene-d10	19.202	212	33	0.128	ng/ul	0.16
Target Compounds						Qvalue
5) Naphthalene	10.419	128	5338	0.103	ng/ul#	93
7) 2-Methylnaphthalene	12.047	142	2655	0.078	ng/ul	100
8) 1-Methylnaphthalene	12.267	142	1715	0.048	ng/ul	96
10) Acenaphthylene	13.965	152	16612	0.379	ng/ul	98
11) Acenaphthene	14.307	153	5290	0.156	ng/ul	98
12) Fluorene	15.302	166	7642	0.189	ng/ul#	98
19) Fluoranthene	19.225	202	9114	27.831	ng/ul#	81
20) Pyrene	19.564	202	182	0.532	ng/ul#	1
21) Benzo(a)anthracene	21.242	228	100301	323.136	ng/ul	94
22) Chrysene	21.359	228	13457	39.500	ng/ul#	43
24) Benzo(b)fluoranthene	22.928	252	29435	5.751	ng/ul#	68
26) Benzo(a)pyrene	23.545	252	2432	0.683	ng/ul#	1
27) Indeno(1,2,3-cd)pyrene	25.916	276	5846	1.048	ng/ul#	42
28) Dibenzo(a,h)anthracene	25.916	278	21667	5.230	ng/ul#	75
29) Benzo(g,h,i)perylene	26.564	276	1120	0.252	ng/ul#	1

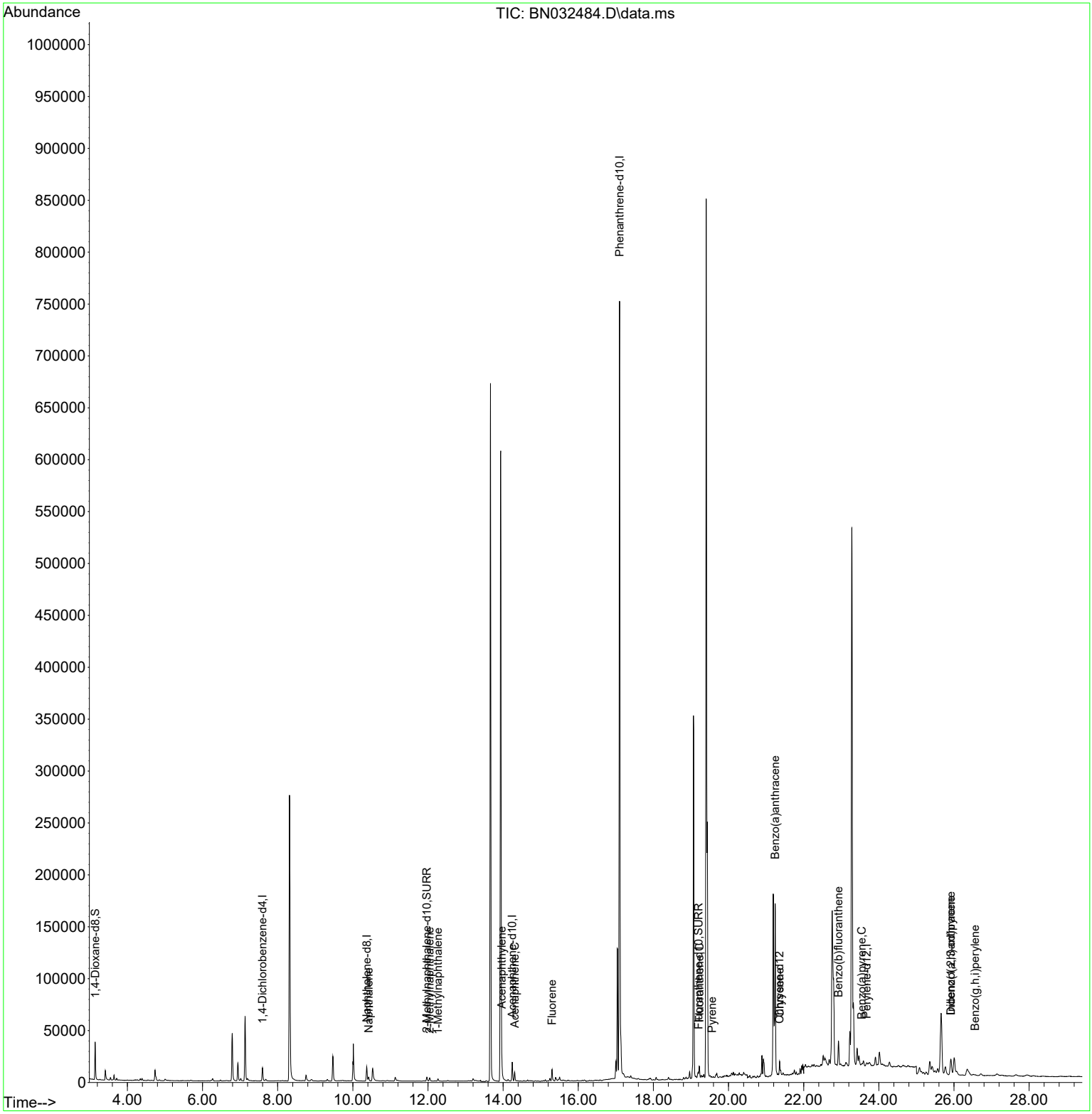
(#) = qualifier out of range (m) = manual integration (+) = signals summed

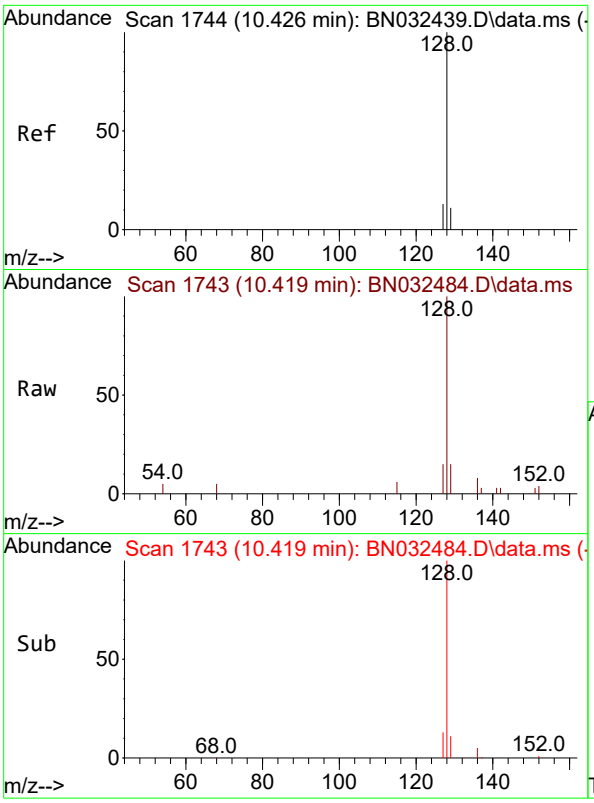
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032484.D
Acq On : 04 Jul 2024 21:10
Operator : MA/JU
Sample : P3065-08
Misc :
ALS Vial : 57 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CD4

Quant Time: Jul 04 23:08:22 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 03 03:26:42 2024
Response via : Initial Calibration



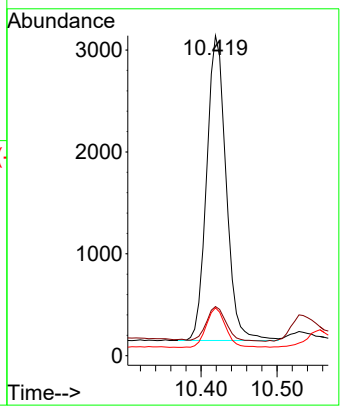


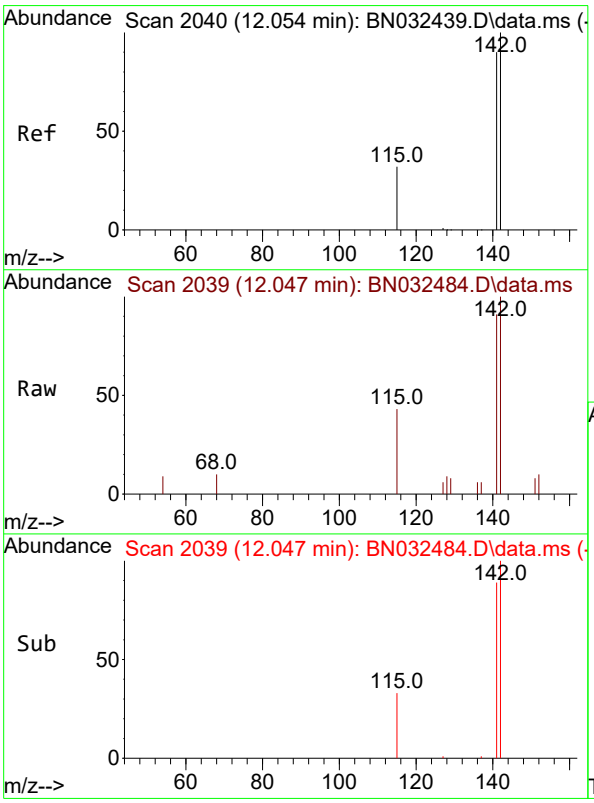
#5
Naphthalene
Concen: 0.103 ng/ul
RT: 10.419 min Scan# 1
Delta R.T. -0.012 min
Lab File: BN032484.D
Acq: 04 Jul 2024 21:10

Instrument :
BNA_N
ClientSampleId :
A4CD4

Tgt Ion:128 Resp: 5338

Ion	Ratio	Lower	Upper
128	100		
129	15.3	9.2	13.8#
127	15.0	10.8	16.2

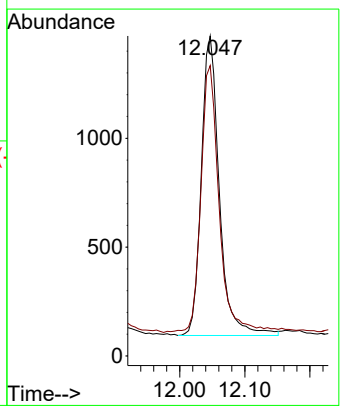


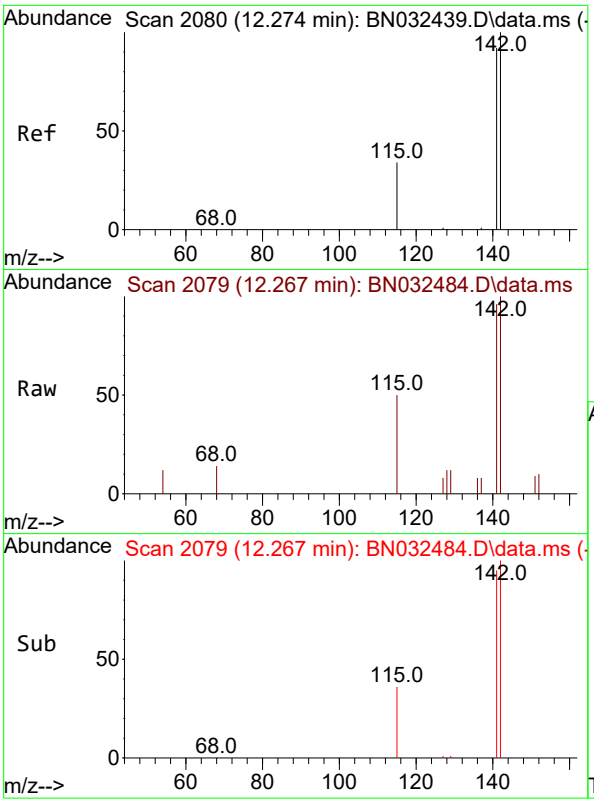


#7
2-Methylnaphthalene
Concen: 0.078 ng/ul
RT: 12.047 min Scan# 2039
Delta R.T. -0.007 min
Lab File: BN032484.D
Acq: 04 Jul 2024 21:10

Tgt Ion:142 Resp: 2655

Ion	Ratio	Lower	Upper
142	100		
141	90.4	72.2	108.2



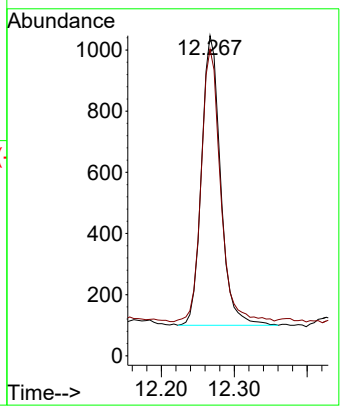


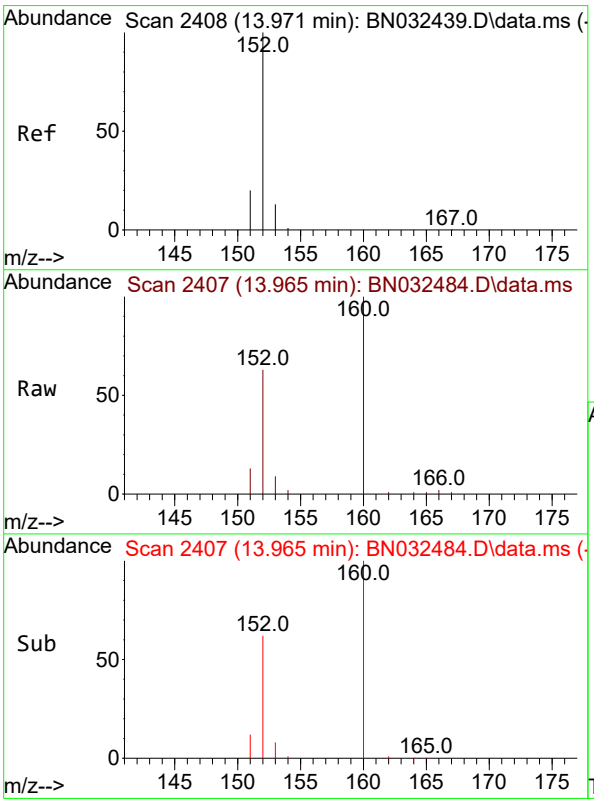
#8
1-Methylnaphthalene
Concen: 0.048 ng/ul
RT: 12.267 min Scan# 2
Delta R.T. -0.007 min
Lab File: BN032484.D
Acq: 04 Jul 2024 21:10

Instrument :
BNA_N
ClientSampleId :
A4CD4

Tgt Ion:142 Resp: 1715

Ion	Ratio	Lower	Upper
142	100		
141	95.0	73.4	110.0

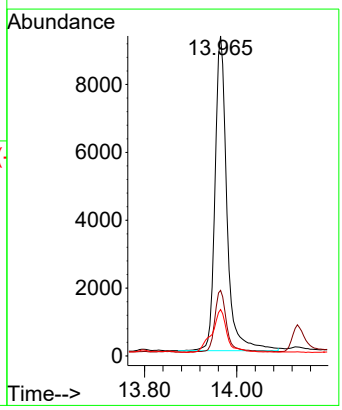


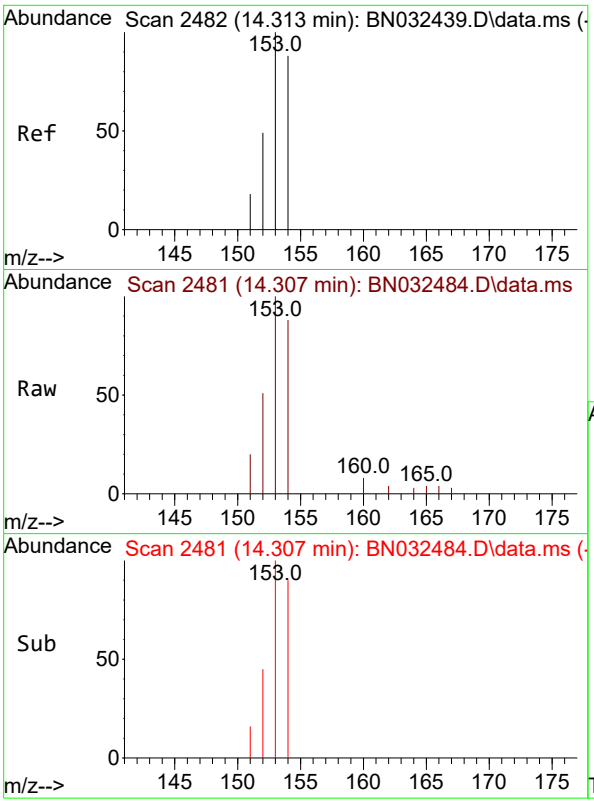


#10
Acenaphthylene
Concen: 0.379 ng/ul
RT: 13.965 min Scan# 2407
Delta R.T. -0.006 min
Lab File: BN032484.D
Acq: 04 Jul 2024 21:10

Tgt Ion:152 Resp: 16612

Ion	Ratio	Lower	Upper
152	100		
151	20.5	15.7	23.5
153	14.5	10.9	16.3



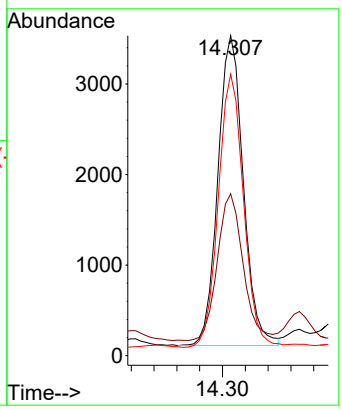


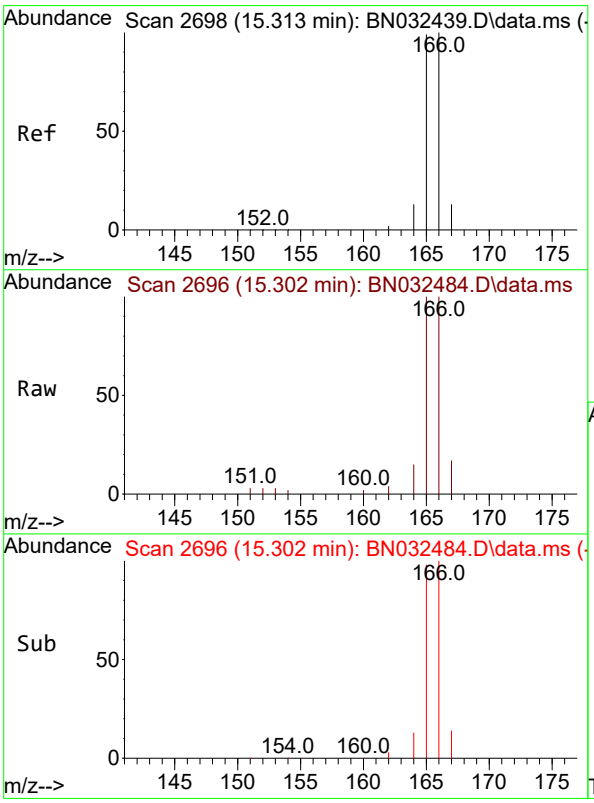
#11
Acenaphthene
Concen: 0.156 ng/ul
RT: 14.307 min Scan# 24
Delta R.T. -0.006 min
Lab File: BN032484.D
Acq: 04 Jul 2024 21:10

Instrument :
BNA_N
ClientSampleId :
A4CD4

Tgt Ion:153 Resp: 5290

Ion	Ratio	Lower	Upper
153	100		
152	50.6	39.5	59.3
154	87.9	71.7	107.5

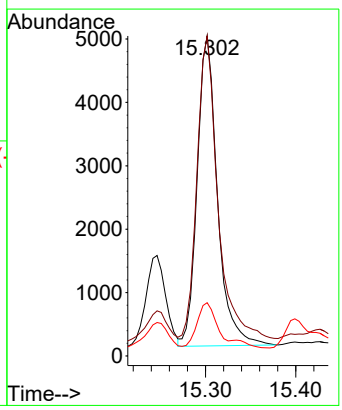


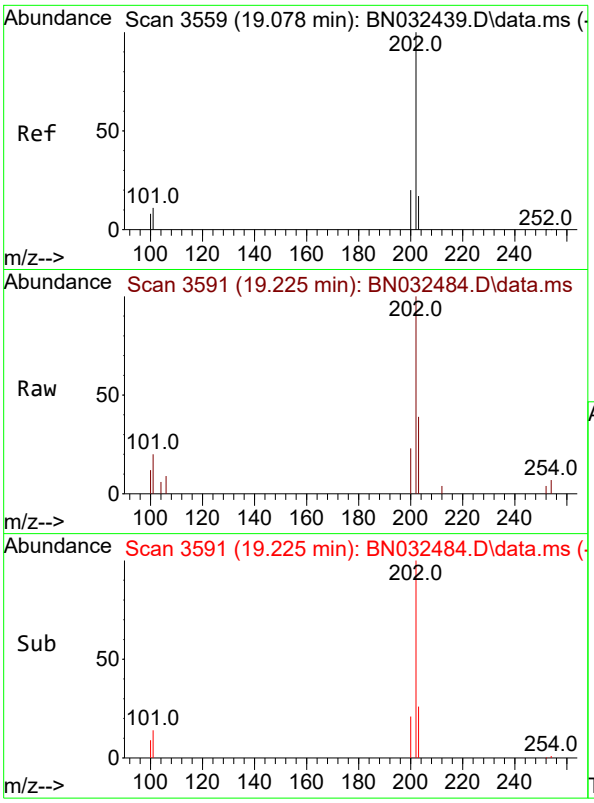


#12
Fluorene
Concen: 0.189 ng/ul
RT: 15.302 min Scan# 2696
Delta R.T. -0.011 min
Lab File: BN032484.D
Acq: 04 Jul 2024 21:10

Tgt Ion:166 Resp: 7642

Ion	Ratio	Lower	Upper
166	100		
165	100.0	79.0	118.6
167	16.7	11.0	16.6#



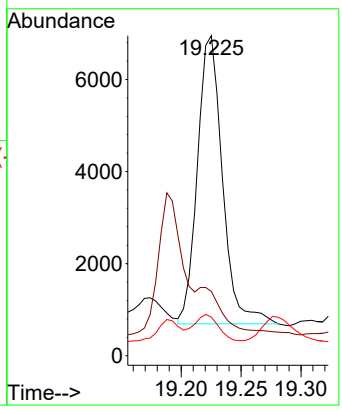


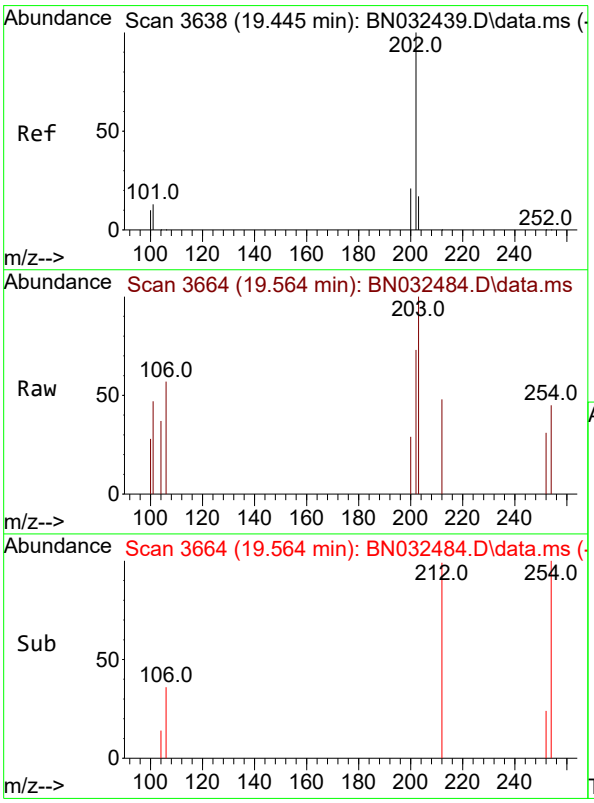
#19
Fluoranthene
Concen: 27.831 ng/ul
RT: 19.225 min Scan# 3
Delta R.T. 0.152 min
Lab File: BN032484.D
Acq: 04 Jul 2024 21:10

Instrument :
BNA_N
ClientSampleId :
A4CD4

Tgt Ion:202 Resp: 9114

Ion	Ratio	Lower	Upper
202	100		
101	20.1	8.8	13.2#
100	12.0	6.4	9.6#

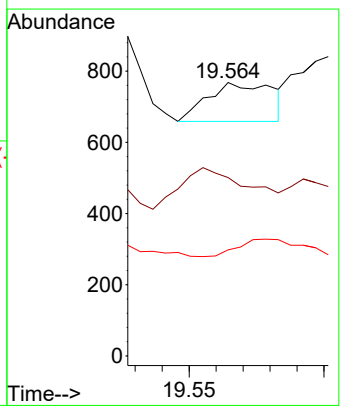


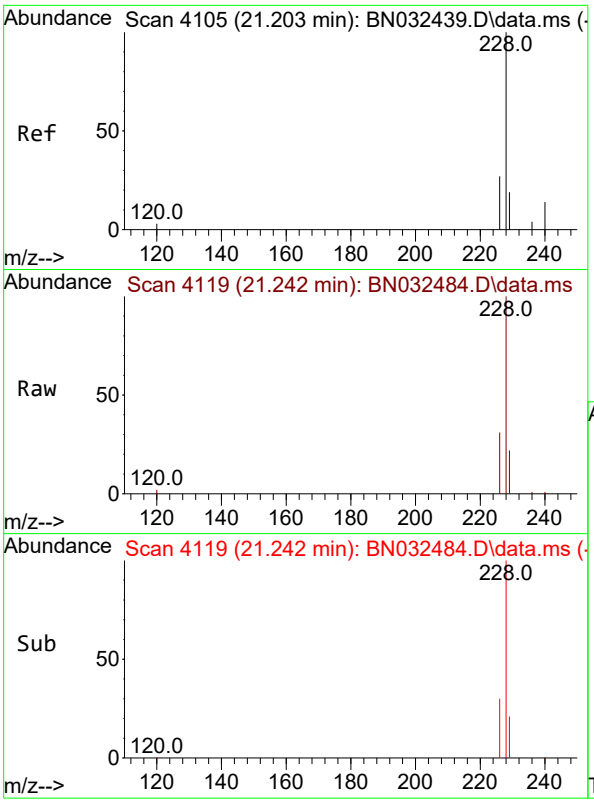


#20
Pyrene
Concen: 0.532 ng/ul
RT: 19.564 min Scan# 3664
Delta R.T. 0.124 min
Lab File: BN032484.D
Acq: 04 Jul 2024 21:10

Tgt Ion:202 Resp: 182

Ion	Ratio	Lower	Upper
202	100		
101	65.2	11.0	16.4#
100	38.8	8.7	13.1#



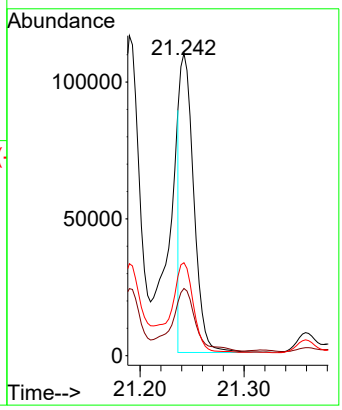


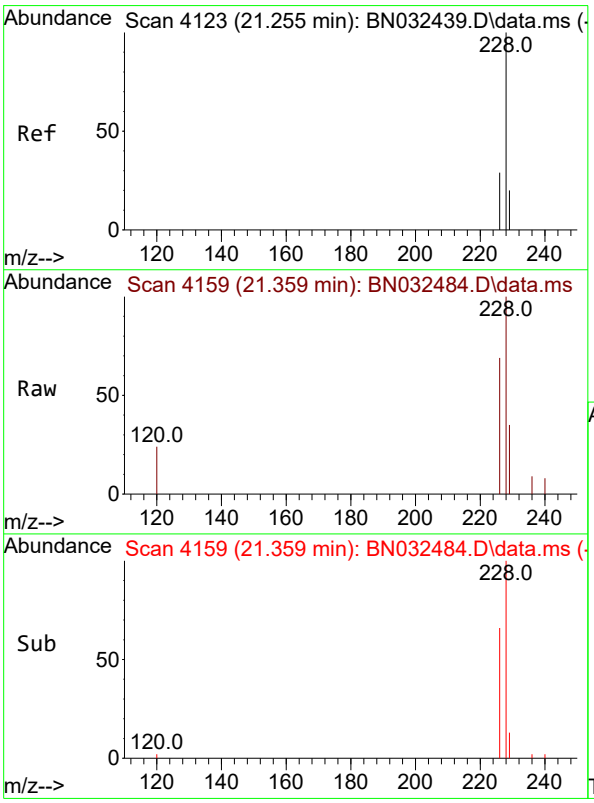
#21
Benzo(a)anthracene
Concen: 323.136 ng/ul
RT: 21.242 min Scan# 4
Delta R.T. 0.051 min
Lab File: BN032484.D
Acq: 04 Jul 2024 21:10

Instrument :
BNA_N
ClientSampleId :
A4CD4

Tgt Ion:228 Resp: 100301

Ion	Ratio	Lower	Upper
228	100		
229	22.2	15.7	23.5
226	30.8	21.8	32.8

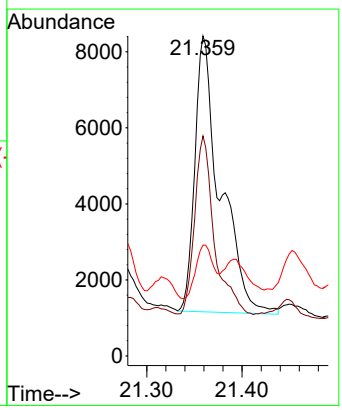


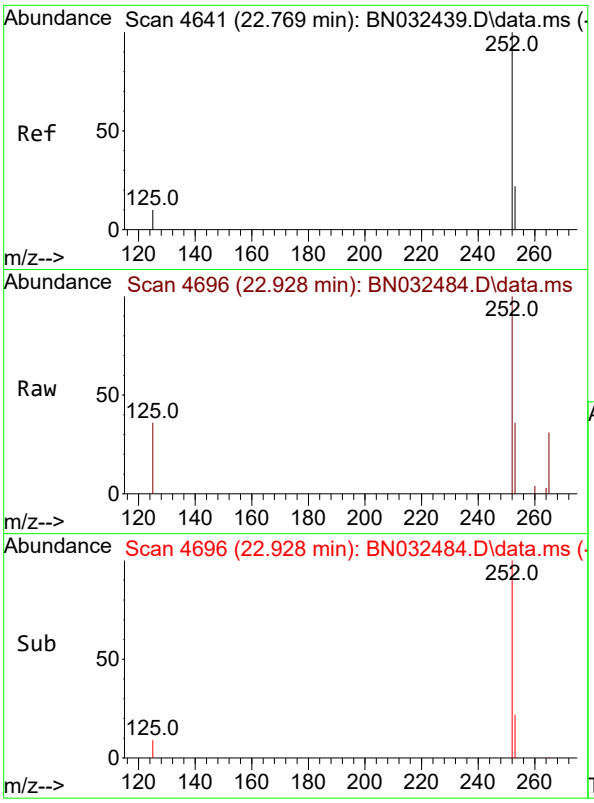


#22
Chrysene
Concen: 39.500 ng/ul
RT: 21.359 min Scan# 4159
Delta R.T. 0.115 min
Lab File: BN032484.D
Acq: 04 Jul 2024 21:10

Tgt Ion:228 Resp: 13457

Ion	Ratio	Lower	Upper
228	100		
226	68.8	23.6	35.4#
229	34.6	15.7	23.5#



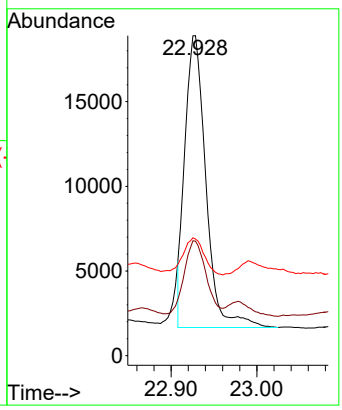


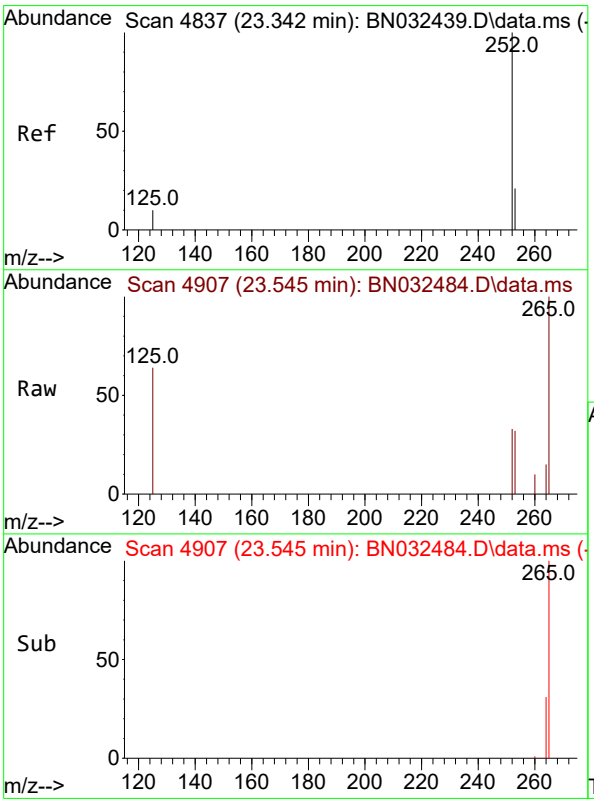
#24
Benzo(b)fluoranthene
Concen: 5.751 ng/ul
RT: 22.928 min Scan# 4
Delta R.T. 0.171 min
Lab File: BN032484.D
Acq: 04 Jul 2024 21:10

Instrument :
BNA_N
ClientSampleId :
A4CD4

Tgt Ion:252 Resp: 29435

Ion	Ratio	Lower	Upper
252	100		
253	35.8	0.0	50.2
125	36.5	0.0	32.0#

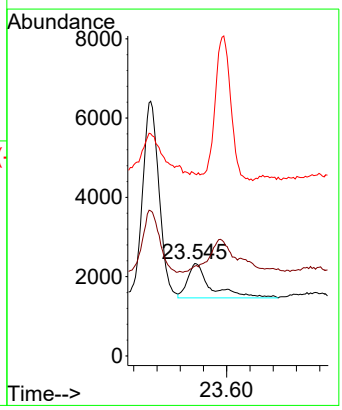


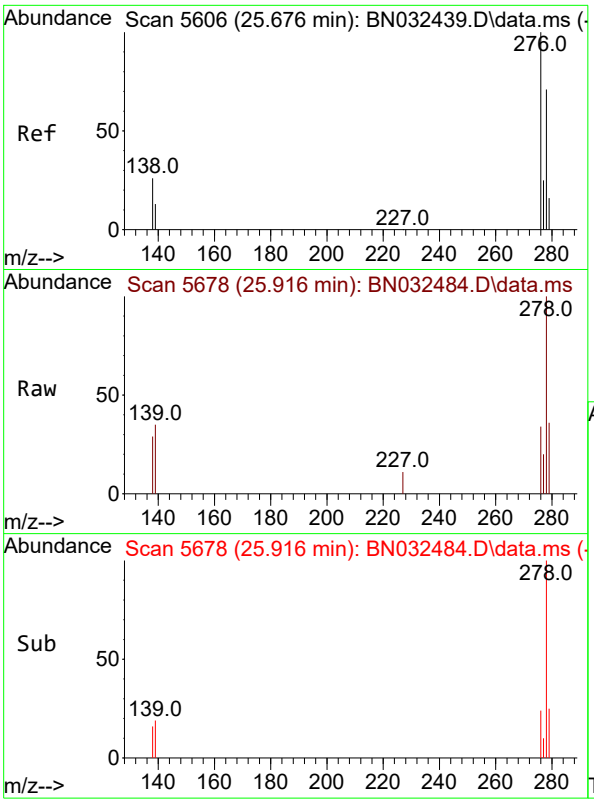


#26
Benzo(a)pyrene
Concen: 0.683 ng/ul
RT: 23.545 min Scan# 4907
Delta R.T. 0.218 min
Lab File: BN032484.D
Acq: 04 Jul 2024 21:10

Tgt Ion:252 Resp: 2432

Ion	Ratio	Lower	Upper
252	100		
253	97.3	22.2	33.2#
125	197.0	16.4	24.6#



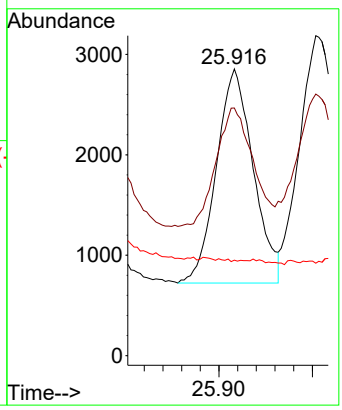


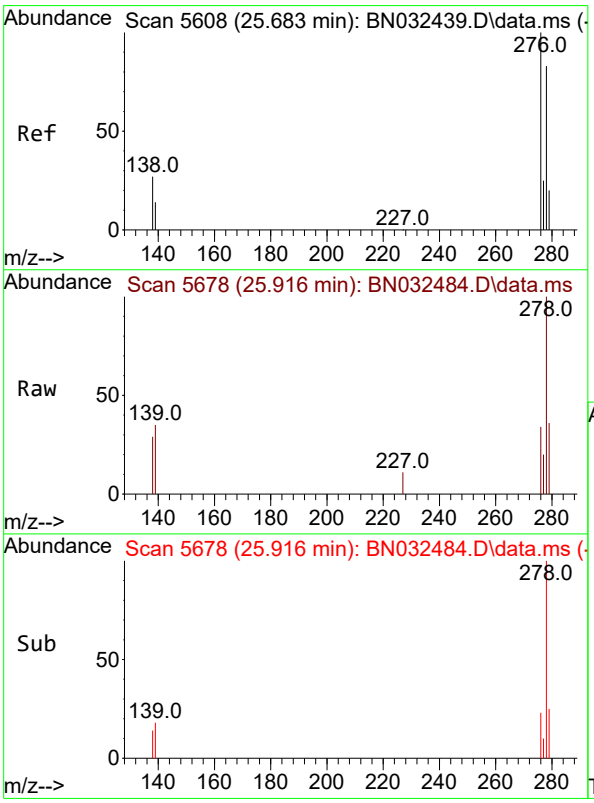
#27
Indeno(1,2,3-cd)pyrene
Concen: 1.048 ng/ul
RT: 25.916 min Scan# 5
Delta R.T. 0.257 min
Lab File: BN032484.D
Acq: 04 Jul 2024 21:10

Instrument :
BNA_N
ClientSampleId :
A4CD4

Tgt Ion:276 Resp: 5846

Ion	Ratio	Lower	Upper
276	100		
138	56.3	21.3	31.9#
227	0.0	0.1	0.1#

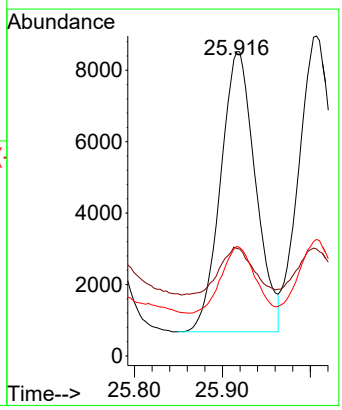


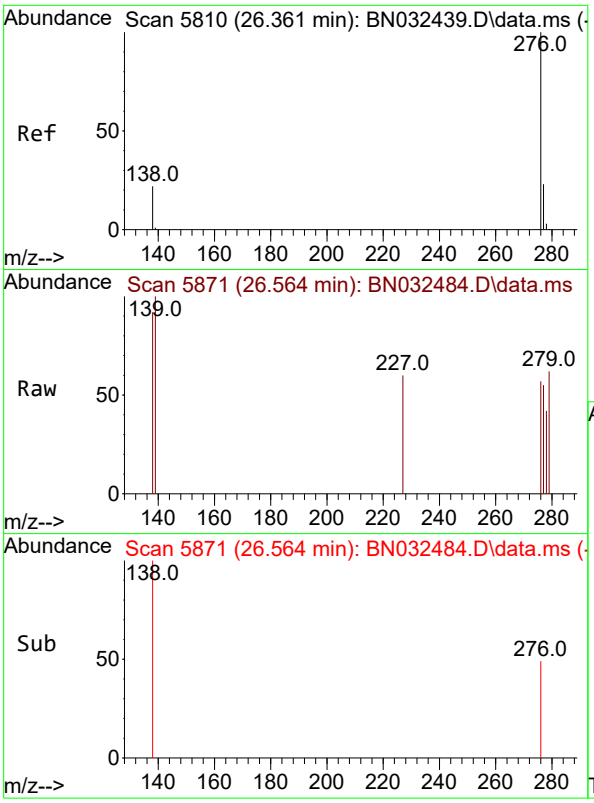


#28
Dibenzo(a,h)anthracene
Concen: 5.230 ng/ul
RT: 25.916 min Scan# 5678
Delta R.T. 0.250 min
Lab File: BN032484.D
Acq: 04 Jul 2024 21:10

Tgt Ion:278 Resp: 21667

Ion	Ratio	Lower	Upper
278	100		
139	35.4	15.9	23.9#
279	36.0	21.1	31.7#





#29
Benzo(g,h,i)perylene
Concen: 0.252 ng/ul
RT: 26.564 min Scan# 5
Delta R.T. 0.220 min
Lab File: BN032484.D
Acq: 04 Jul 2024 21:10

Instrument :
BNA_N
ClientSampleId :
A4CD4

Tgt Ion:276 Resp: 1120

Ion	Ratio	Lower	Upper
276	100		
138	160.7	19.8	29.6#
277	96.2	19.8	29.6#