Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100523\
Data File : BN028081.D
Acq On : 06 Oct 2023 12:48
Operator : MA/JU
Sample : 04527-08DL 5X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Oct 07 00:30:29 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN100323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 06 05:15:40 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.941	152	7132	0.400	ng/ul	# 0.00
4) Naphthalene-d8	10.757	136	21867	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.583	164	11923	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.337	188	23711	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.530	240	20458	0.400	ng/ul	# 0.01
23) Perylene-d12	24.003	264	22760	0.400	ng/ul	# 0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.338	96	10181	1.137	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.335	152	2609	0.074	ng/ul	0.00
18) Fluoranthene-d10	19.367	212	3666	0.056	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.806	128	130691	2.105	ng/ul	100
7) 2-Methylnaphthalene	12.412	142	48057	1.226	ng/ul	100
8) 1-Methylnaphthalene	12.632	142	74259	1.832	ng/ul	99
11) Acenaphthene	14.647	153	19833	0.461	ng/ul	99
12) Fluorene	15.633	166	13230	0.276	ng/ul#	96
14) Pentachlorophenol	16.962	266	136	0.027	ng/ul#	21
15) Phenanthrene	17.380	178	65166	0.922	ng/ul#	92
16) Anthracene	17.477	178	4347	0.069	ng/ul#	12
19) Fluoranthene	19.399	202	29133	0.373	ng/ul#	86
20) Pyrene	19.762	202	39458	0.487	ng/ul#	76
21) Benzo(a)anthracene	21.513	228	7307	0.098	ng/ul#	1
22) Chrysene	21.568	228	11819	0.157	ng/ul#	10
24) Benzo(b)fluoranthene	23.237	252	8500	0.101	ng/ul#	1
26) Benzo(a)pyrene	23.892	252	3124	0.043	ng/ul#	1
29) Benzo(g,h,i)perylene	27.411	276	2305	0.032	ng/ul#	1

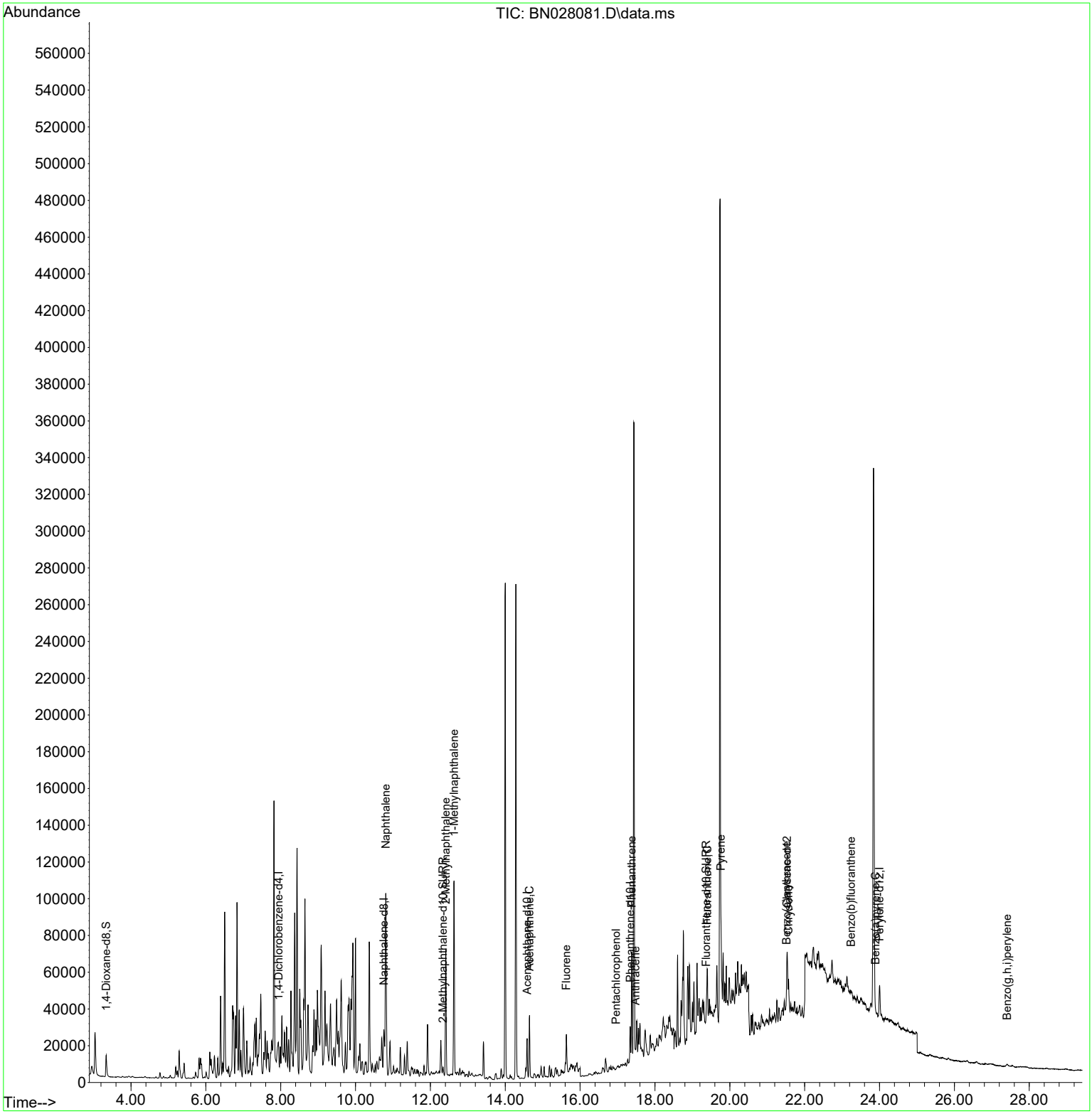
(#) = qualifier out of range (m) = manual integration (+) = signals summed

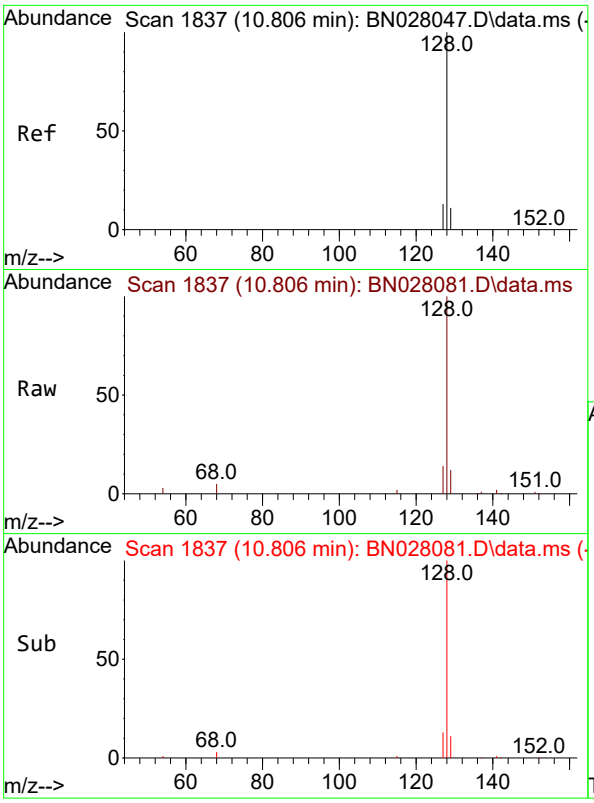
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100523\
Data File : BN028081.D
Acq On : 06 Oct 2023 12:48
Operator : MA/JU
Sample : 04527-08DL 5X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Oct 07 00:30:29 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN100323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 06 05:15:40 2023
Response via : Initial Calibration



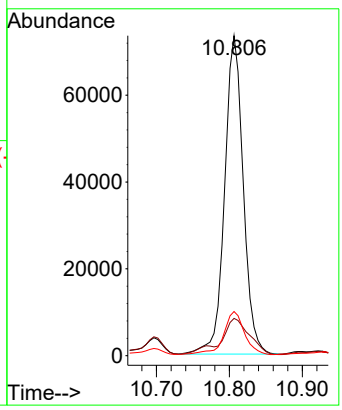


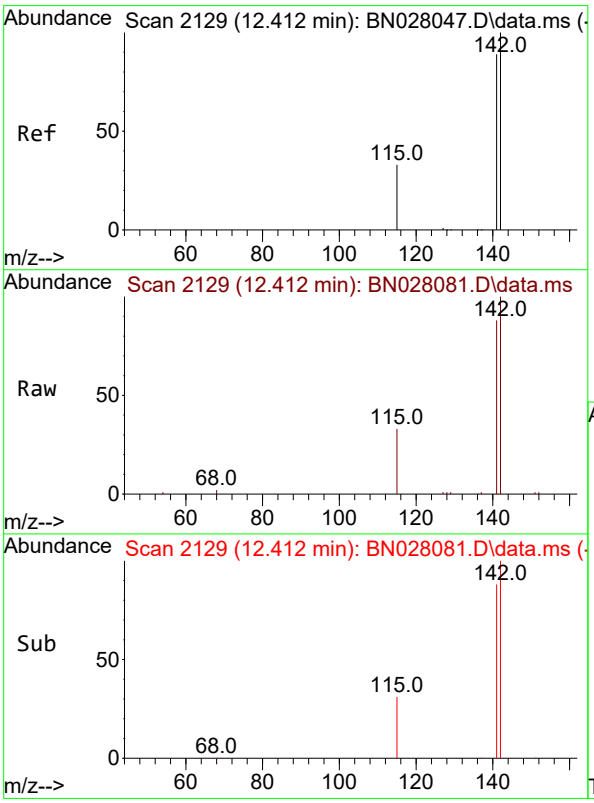
#5
Naphthalene
Concen: 2.105 ng/ul
RT: 10.806 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN028081.D
Acq: 06 Oct 2023 12:48

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:128 Resp: 130691

Ion	Ratio	Lower	Upper
128	100		
129	11.6	9.4	14.0
127	13.8	11.0	16.4

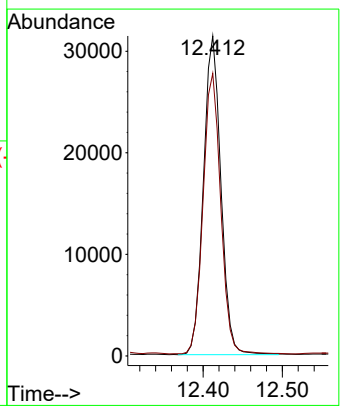


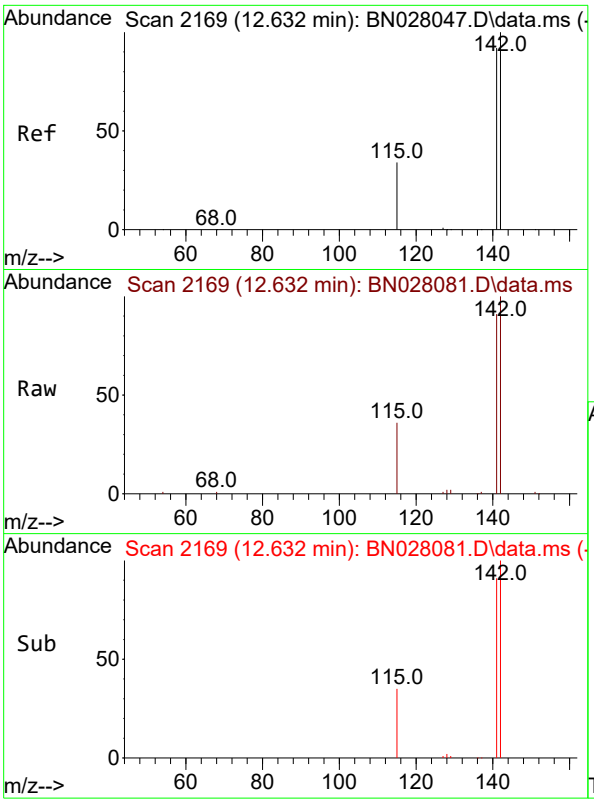


#7
2-Methylnaphthalene
Concen: 1.226 ng/ul
RT: 12.412 min Scan# 2129
Delta R.T. -0.000 min
Lab File: BN028081.D
Acq: 06 Oct 2023 12:48

Tgt Ion:142 Resp: 48057

Ion	Ratio	Lower	Upper
142	100		
141	88.5	70.9	106.3



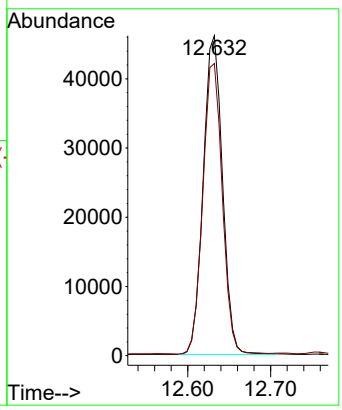


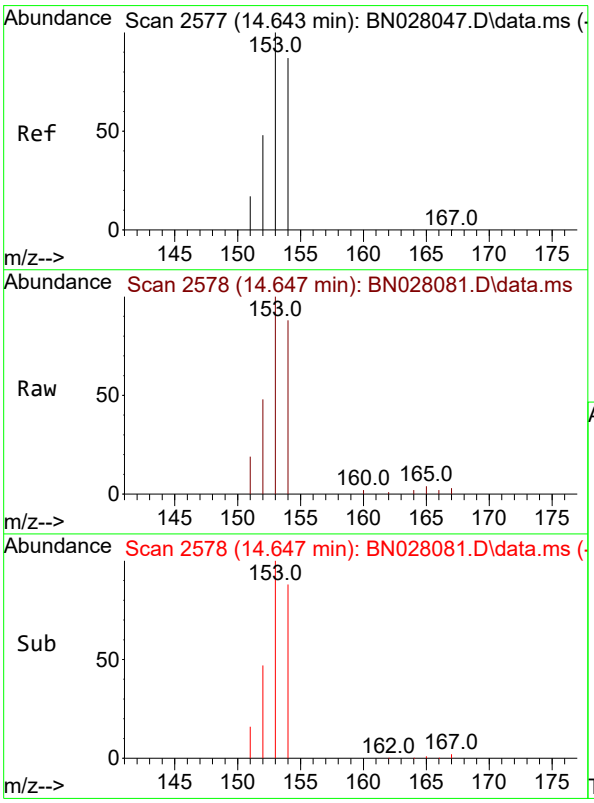
#8
1-Methylnaphthalene
Concen: 1.832 ng/ul
RT: 12.632 min Scan# 2
Delta R.T. 0.005 min
Lab File: BN028081.D
Acq: 06 Oct 2023 12:48

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:142 Resp: 74259

Ion	Ratio	Lower	Upper
142	100		
141	92.3	74.4	111.6

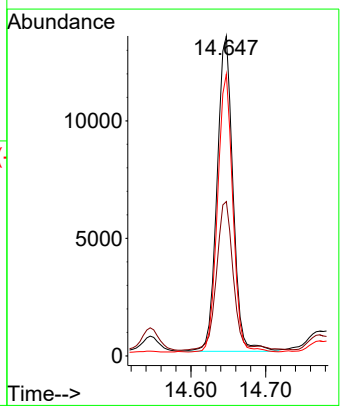


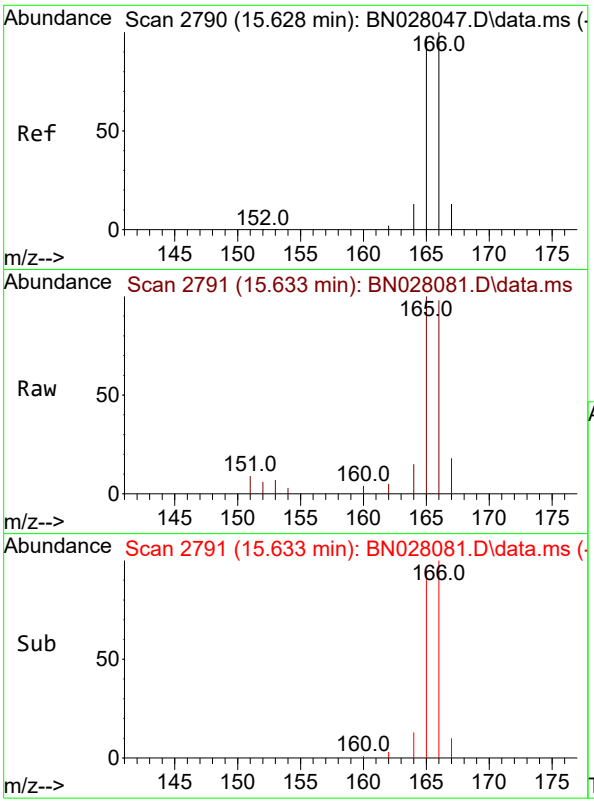


#11
Acenaphthene
Concen: 0.461 ng/ul
RT: 14.647 min Scan# 2578
Delta R.T. 0.005 min
Lab File: BN028081.D
Acq: 06 Oct 2023 12:48

Tgt Ion:153 Resp: 19833

Ion	Ratio	Lower	Upper
153	100		
152	48.3	39.4	59.0
154	88.1	70.2	105.4



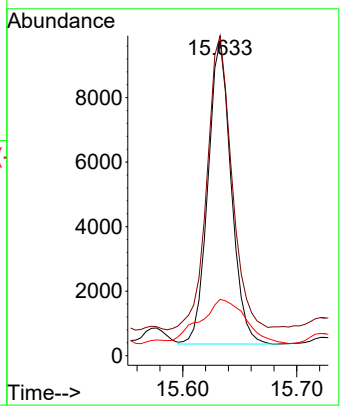


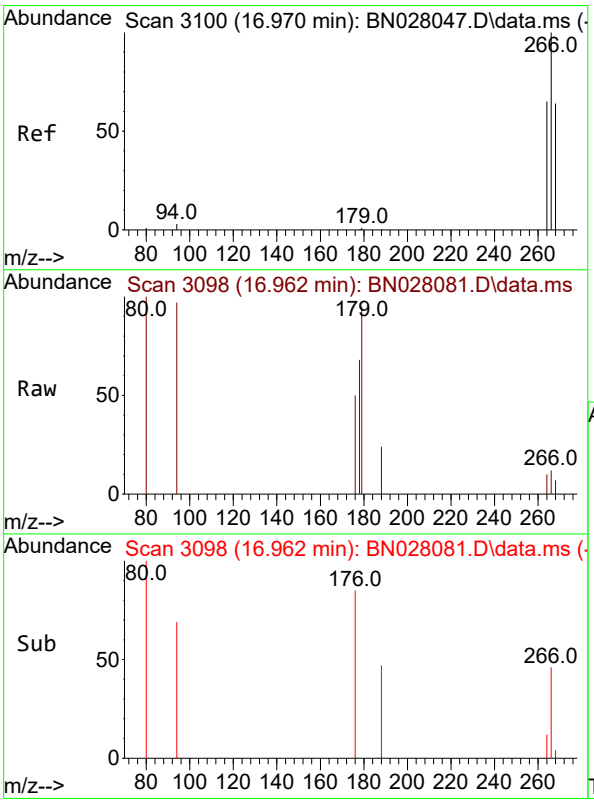
#12
Fluorene
Concen: 0.276 ng/ul
RT: 15.633 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN028081.D
Acq: 06 Oct 2023 12:48

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:166 Resp: 13230

Ion	Ratio	Lower	Upper
166	100		
165	101.6	78.5	117.7
167	17.9	11.2	16.8#

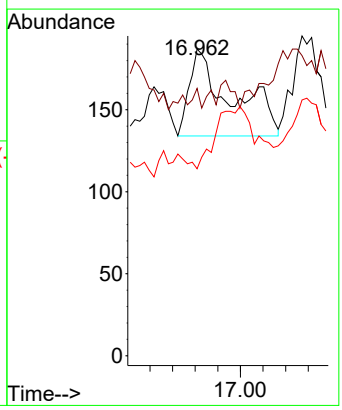


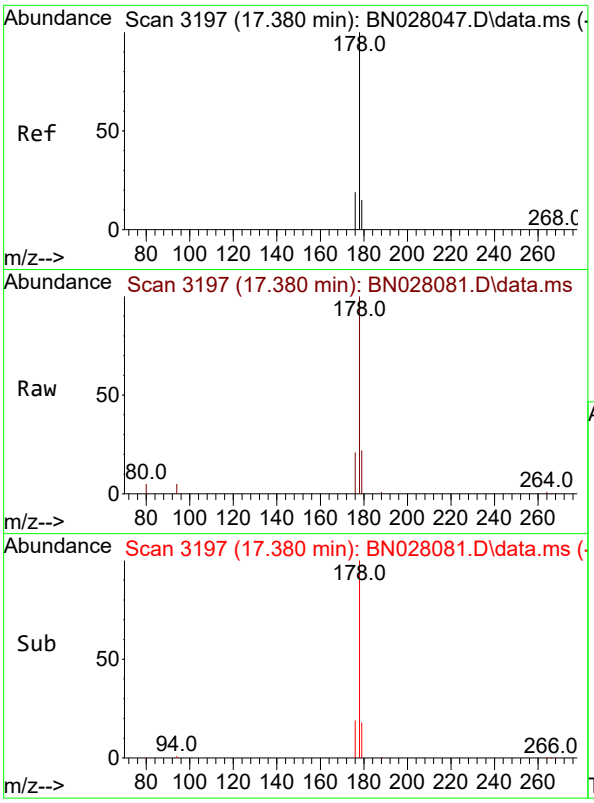


#14
Pentachlorophenol
Concen: 0.027 ng/ul
RT: 16.962 min Scan# 3098
Delta R.T. -0.008 min
Lab File: BN028081.D
Acq: 06 Oct 2023 12:48

Tgt Ion:266 Resp: 136

Ion	Ratio	Lower	Upper
266	100		
264	0.0	49.6	74.4#
268	4.4	52.2	78.4#



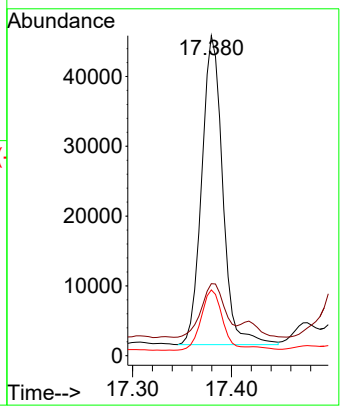


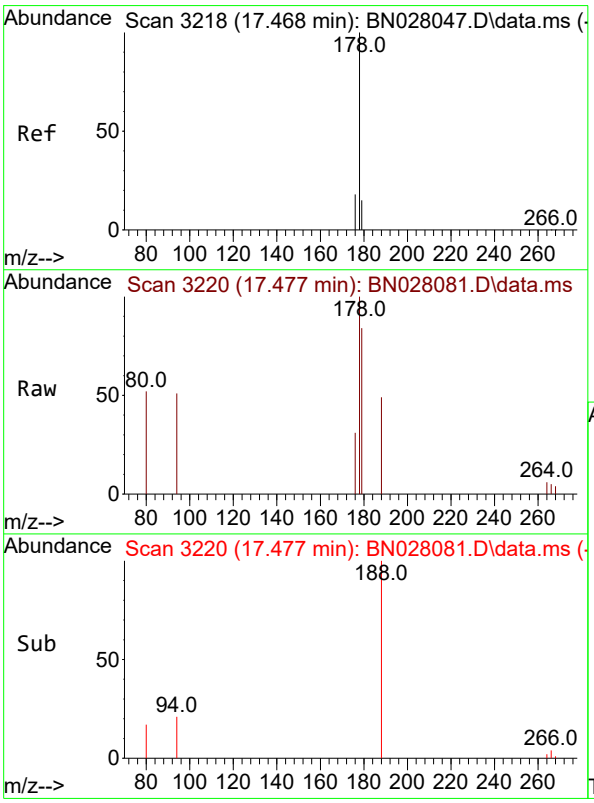
#15
Phenanthrene
Concen: 0.922 ng/ul
RT: 17.380 min Scan# 3
Delta R.T. 0.004 min
Lab File: BN028081.D
Acq: 06 Oct 2023 12:48

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:178 Resp: 65166

Ion	Ratio	Lower	Upper
178	100		
179	22.5	12.6	19.0#
176	20.5	15.5	23.3

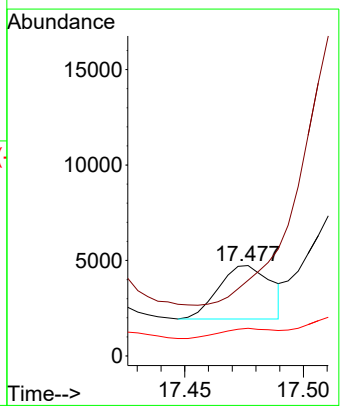


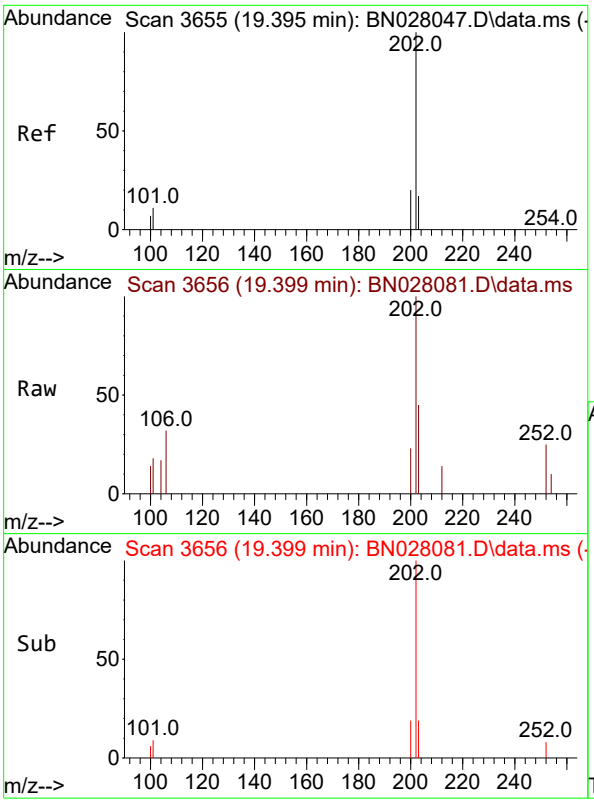


#16
Anthracene
Concen: 0.069 ng/ul
RT: 17.477 min Scan# 3220
Delta R.T. 0.008 min
Lab File: BN028081.D
Acq: 06 Oct 2023 12:48

Tgt Ion:178 Resp: 4347

Ion	Ratio	Lower	Upper
178	100		
179	83.9	12.8	19.2#
176	30.7	15.0	22.6#



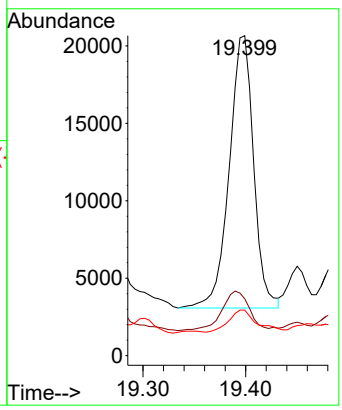


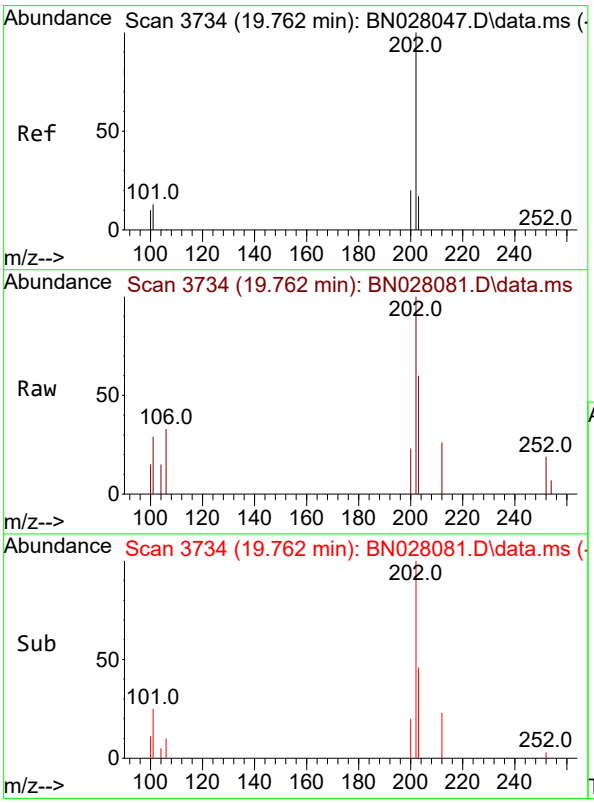
#19
Fluoranthene
Concen: 0.373 ng/ul
RT: 19.399 min Scan# 3
Delta R.T. 0.009 min
Lab File: BN028081.D
Acq: 06 Oct 2023 12:48

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:202 Resp: 29133

Ion	Ratio	Lower	Upper
202	100		
101	17.8	9.6	14.4#
100	14.3	7.4	11.0#

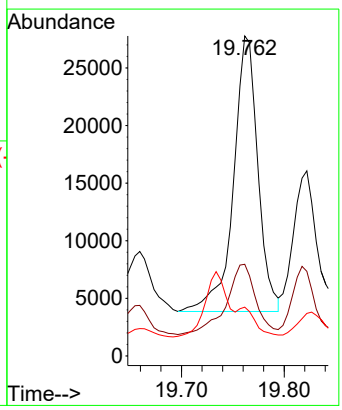


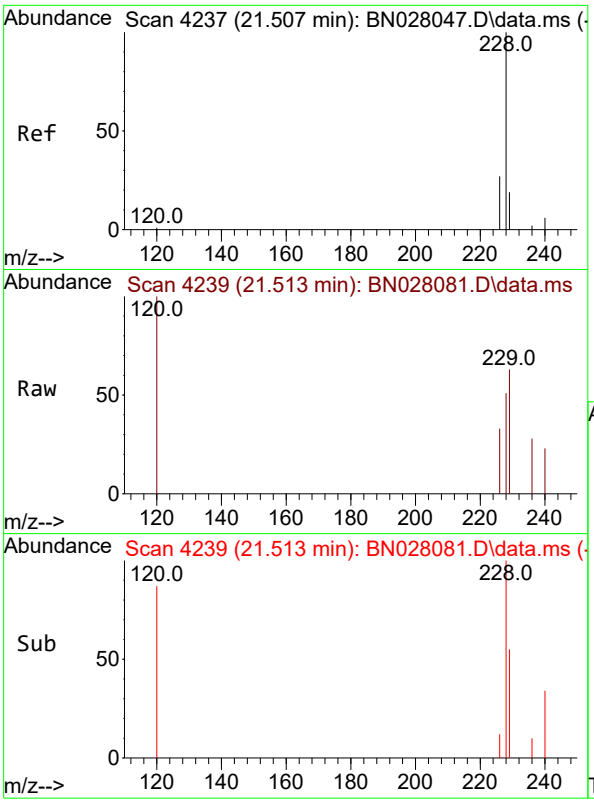


#20
Pyrene
Concen: 0.487 ng/ul
RT: 19.762 min Scan# 3734
Delta R.T. 0.005 min
Lab File: BN028081.D
Acq: 06 Oct 2023 12:48

Tgt Ion:202 Resp: 39458

Ion	Ratio	Lower	Upper
202	100		
101	28.6	11.2	16.8#
100	15.2	9.1	13.7#



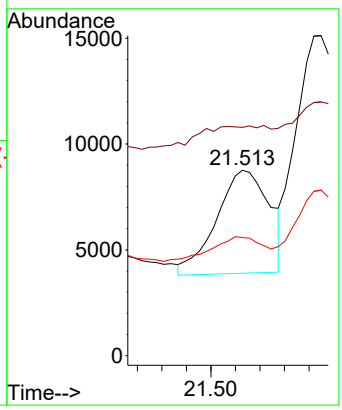


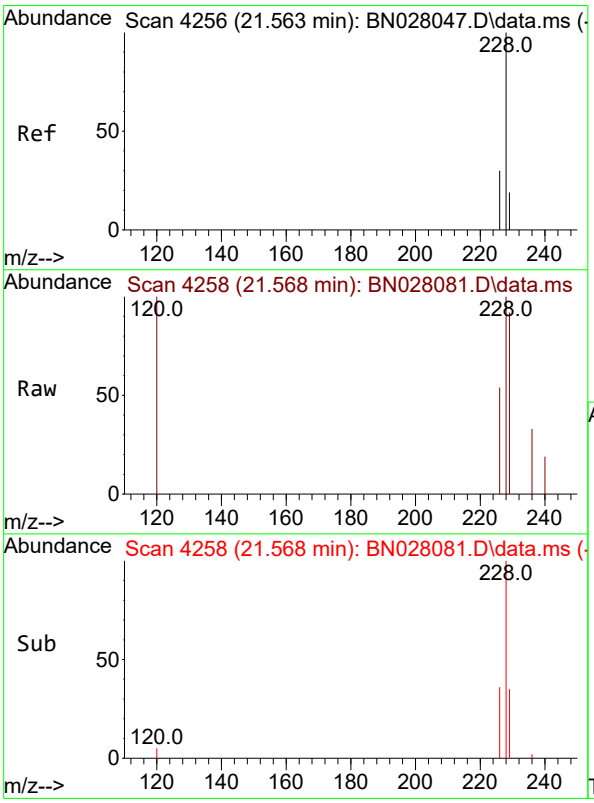
#21
Benzo(a)anthracene
Concen: 0.098 ng/ul
RT: 21.513 min Scan# 4
Delta R.T. 0.012 min
Lab File: BN028081.D
Acq: 06 Oct 2023 12:48

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:228 Resp: 7307

Ion	Ratio	Lower	Upper
228	100		
229	123.1	16.0	24.0#
226	63.7	21.5	32.3#

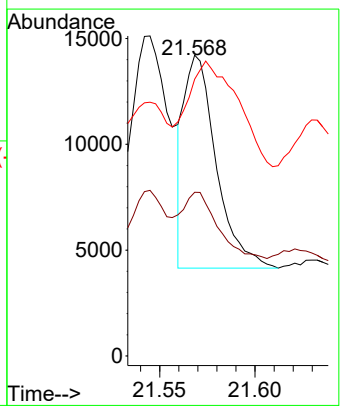


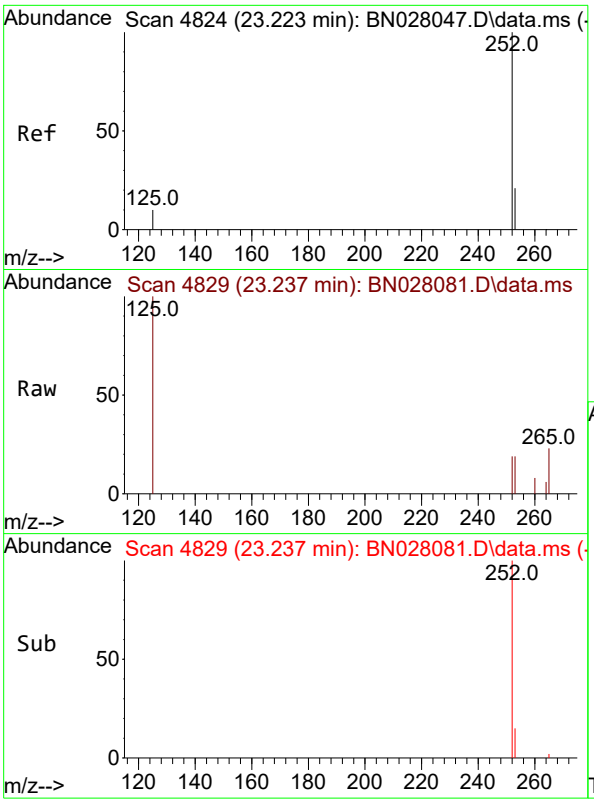


#22
Chrysene
Concen: 0.157 ng/ul
RT: 21.568 min Scan# 4258
Delta R.T. 0.012 min
Lab File: BN028081.D
Acq: 06 Oct 2023 12:48

Tgt Ion:228 Resp: 11819

Ion	Ratio	Lower	Upper
228	100		
226	54.4	23.8	35.8#
229	92.0	16.0	24.0#



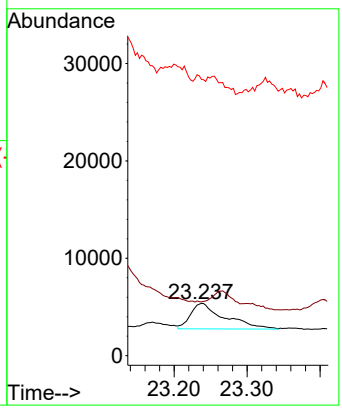


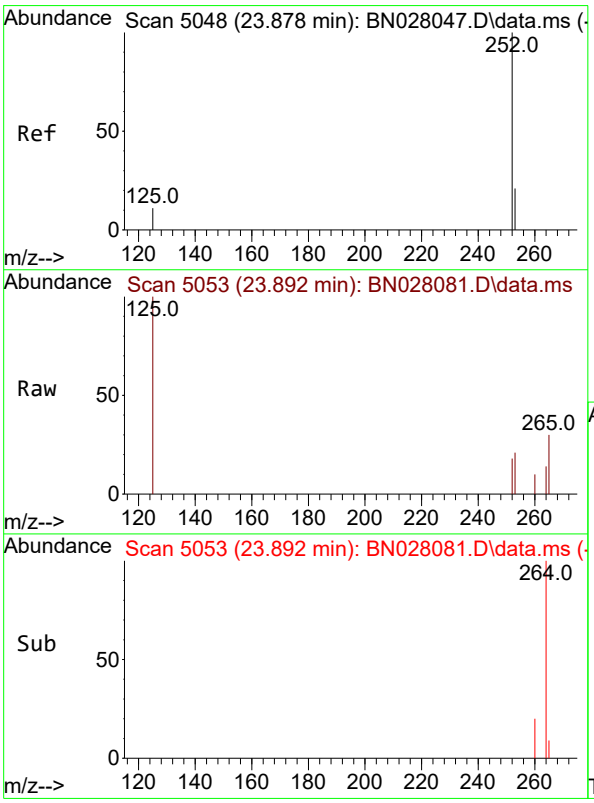
#24
Benzo(b)fluoranthene
Concen: 0.101 ng/ul
RT: 23.237 min Scan# 4
Delta R.T. 0.020 min
Lab File: BN028081.D
Acq: 06 Oct 2023 12:48

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:252 Resp: 8500

Ion	Ratio	Lower	Upper
252	100		
253	102.7	0.0	54.0#
125	528.5	0.0	31.4#

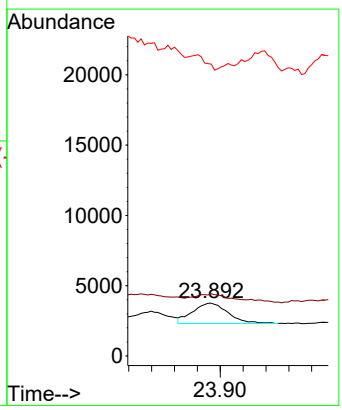


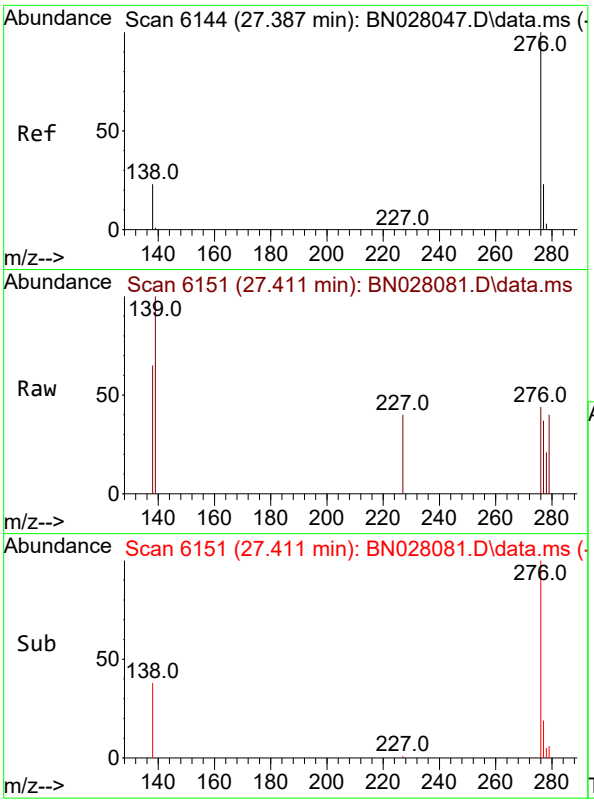


#26
Benzo(a)pyrene
Concen: 0.043 ng/ul
RT: 23.892 min Scan# 5053
Delta R.T. 0.023 min
Lab File: BN028081.D
Acq: 06 Oct 2023 12:48

Tgt Ion:252 Resp: 3124

Ion	Ratio	Lower	Upper
252	100		
253	117.7	23.4	35.2#
125	553.0	15.3	22.9#





#29
Benzo(g,h,i)perylene
Concen: 0.032 ng/ul
RT: 27.411 min Scan# 6
Delta R.T. 0.034 min
Lab File: BN028081.D
Acq: 06 Oct 2023 12:48

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:276 Resp: 2305

Ion	Ratio	Lower	Upper
276	100		
138	146.1	19.8	29.6#
277	84.3	20.6	31.0#