Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071423\
Data File : BN026502.D
Acq On : 14 Jul 2023 16:19
Operator : MA/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Jul 15 01:52:01 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN071223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jul 15 01:51:16 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.959	152	1786	0.400	ng/ul	0.00
4) Naphthalene-d8	10.759	136	5684	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.589	164	3822	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.334	188	8181	0.400	ng/ul	0.00
17) Chrysene-d12	21.523	240	7708	0.400	ng/ul	# 0.00
23) Perylene-d12	23.943	264	8619	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.301	96	1085	0.461	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.354	152	3252	0.421	ng/ul	0.00
18) Fluoranthene-d10	19.363	212	9521	0.356	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.335	88	1078	0.484	ng/ul#	85
5) Naphthalene	10.814	128	5989	0.384	ng/ul	99
7) 2-Methylnaphthalene	12.425	142	3623	0.409	ng/ul	100
8) 1-Methylnaphthalene	12.640	142	4015	0.423	ng/ul	98
10) Acenaphthylene	14.311	152	6795	0.363	ng/ul	99
11) Acenaphthene	14.649	153	5253	0.368	ng/ul	100
12) Fluorene	15.639	166	5959	0.398	ng/ul	99
14) Pentachlorophenol	17.005	266	1022	0.495	ng/ul	97
15) Phenanthrene	17.381	178	9406	0.361	ng/ul	99
16) Anthracene	17.474	178	8540	0.378	ng/ul	98
19) Fluoranthene	19.391	202	12109	0.335	ng/ul#	95
20) Pyrene	19.758	202	12946	0.330	ng/ul#	95
21) Benzo(a)anthracene	21.506	228	10646	0.376	ng/ul	98
22) Chrysene	21.561	228	11558	0.358	ng/ul	99
24) Benzo(b)fluoranthene	23.204	252	11697	0.348	ng/ul	90
25) Benzo(k)fluoranthene	23.250	252	12783	0.363	ng/ul#	93
26) Benzo(a)pyrene	23.835	252	10883	0.364	ng/ul#	86
27) Indeno(1,2,3-cd)pyrene	26.467	276	14107	0.360	ng/ul#	81
28) Dibenzo(a,h)anthracene	26.477	278	11295	0.376	ng/ul#	87
29) Benzo(g,h,i)perylene	27.242	276	11982	0.346	ng/ul#	89

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071423\
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Misc :
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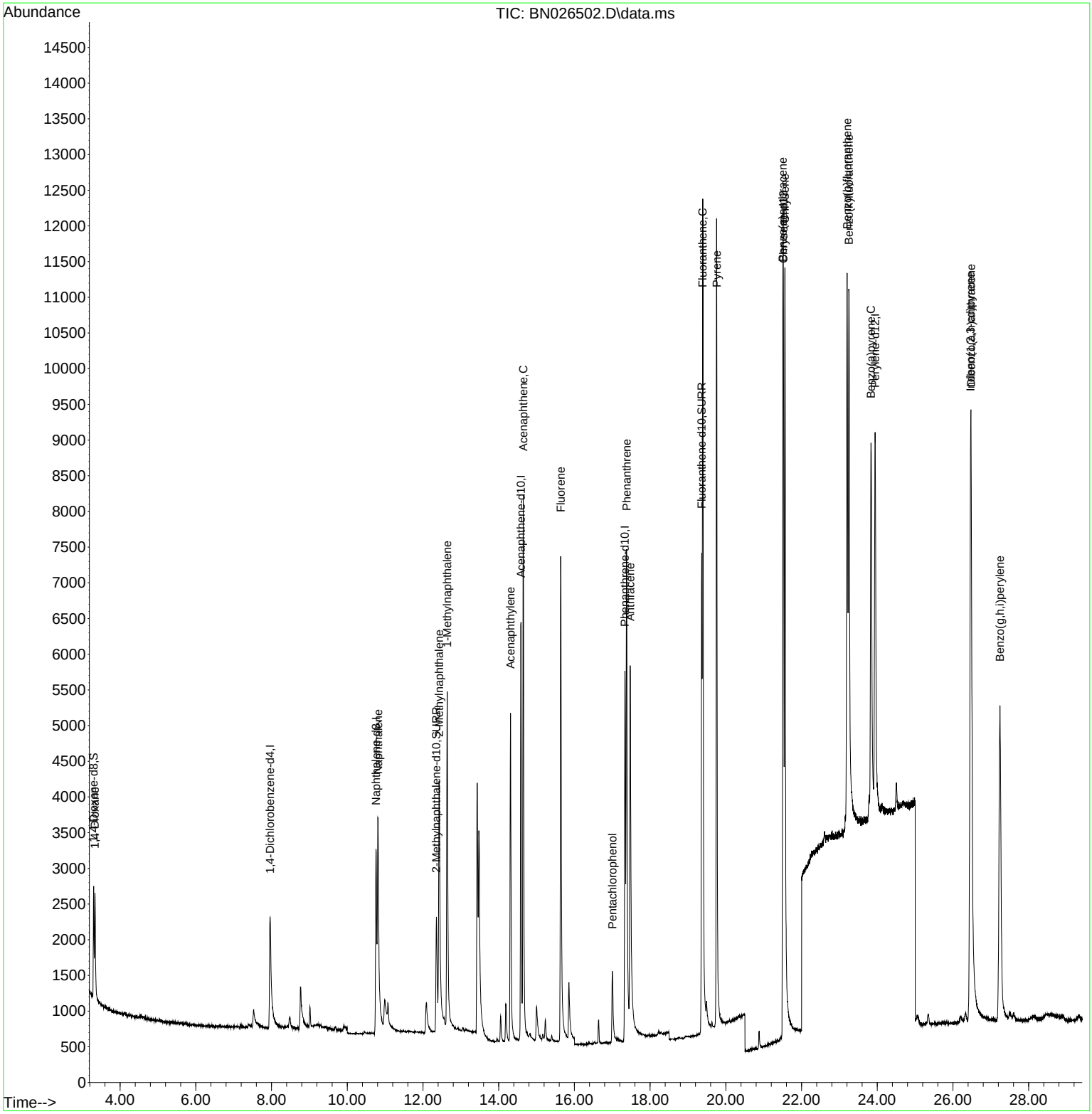
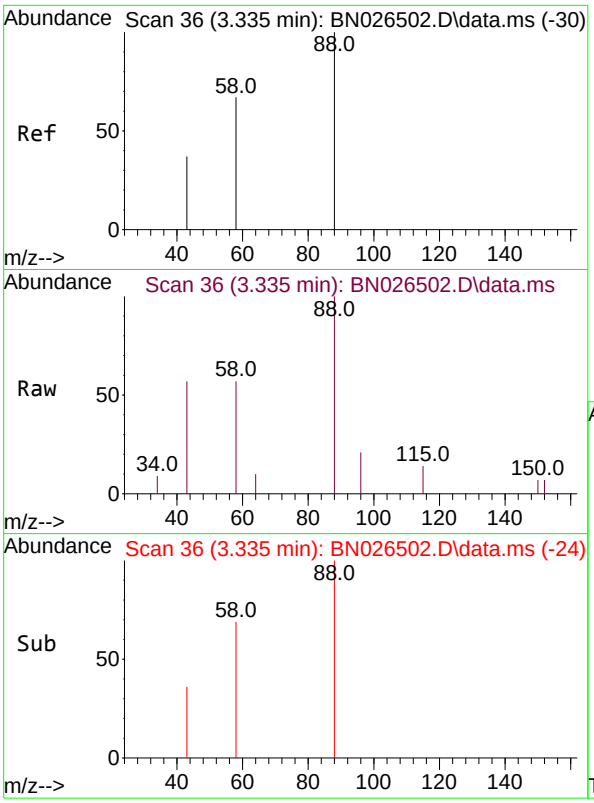
Instrument :
BNA_N
ClientSampleId :

Quant Time: Jul 15 01:52:01 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN071223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jul 15 01:51:16 2023
Response via : Initial Calibration



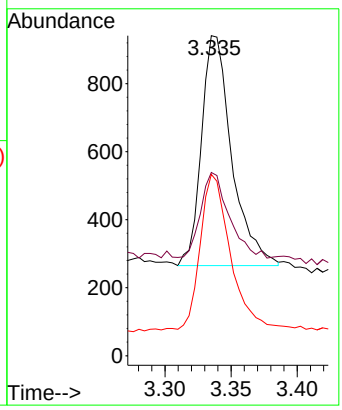


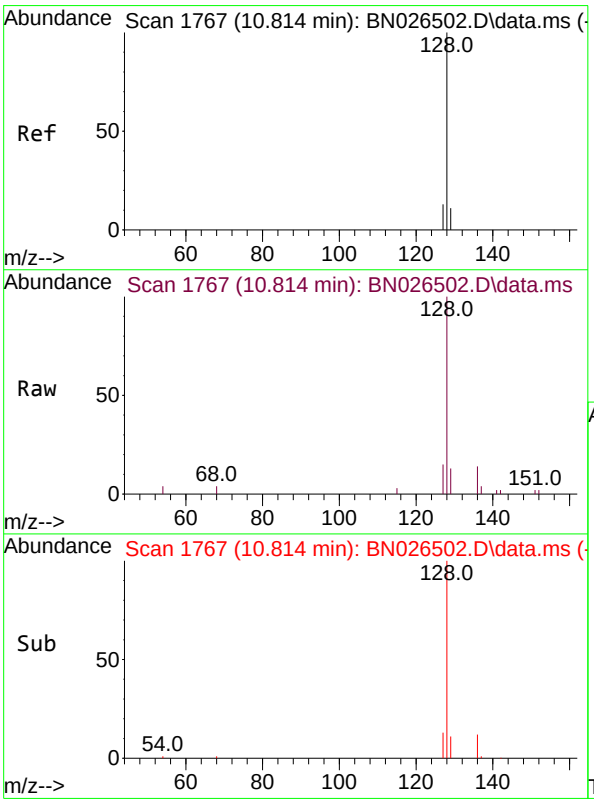
#2
1,4-Dioxane
Concen: 0.484 ng/ul
RT: 3.335 min Scan# 3
Delta R.T. 0.000 min
Lab File: BN026502.D
Acq: 14 Jul 2023 16:19

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 88 Resp: 1078

Ion	Ratio	Lower	Upper
88	100		
43	57.3	33.0	49.6#
58	56.6	41.7	62.5

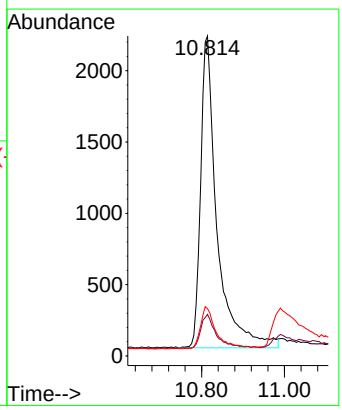


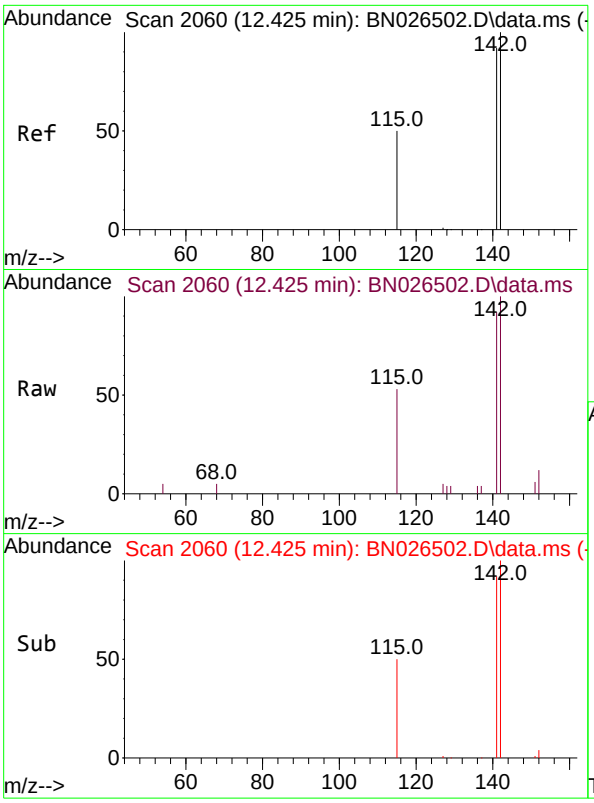


#5
Naphthalene
Concen: 0.384 ng/ul
RT: 10.814 min Scan# 1767
Delta R.T. 0.000 min
Lab File: BN026502.D
Acq: 14 Jul 2023 16:19

Tgt Ion:128 Resp: 5989

Ion	Ratio	Lower	Upper
128	100		
129	13.0	10.2	15.2
127	14.8	11.4	17.0



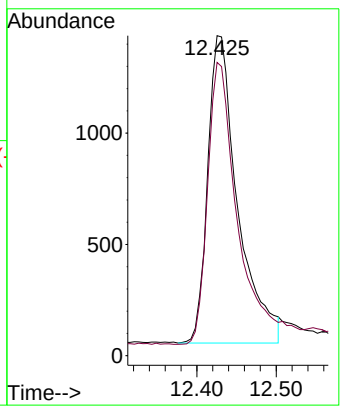


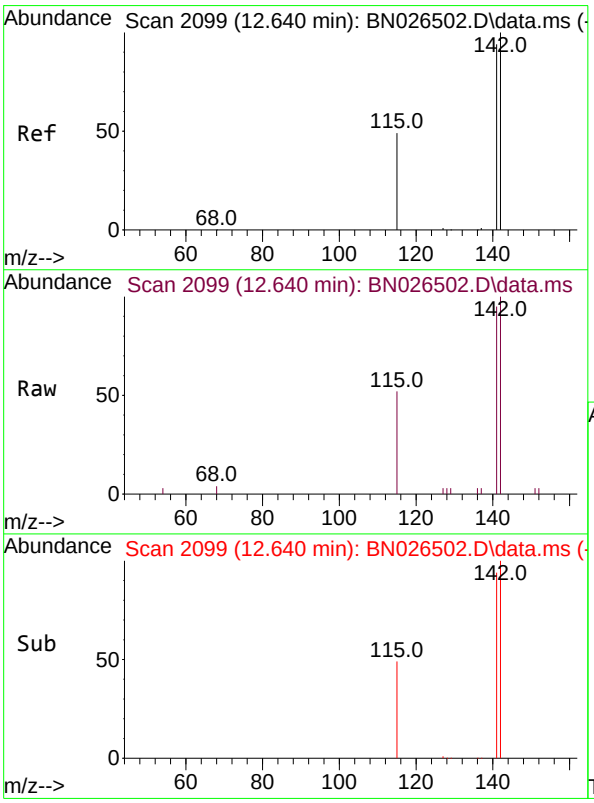
#7
2-Methylnaphthalene
Concen: 0.409 ng/ul
RT: 12.425 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN026502.D
Acq: 14 Jul 2023 16:19

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:142 Resp: 3623

Ion	Ratio	Lower	Upper
142	100		
141	90.6	72.3	108.5

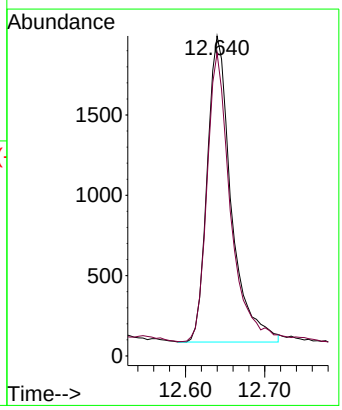


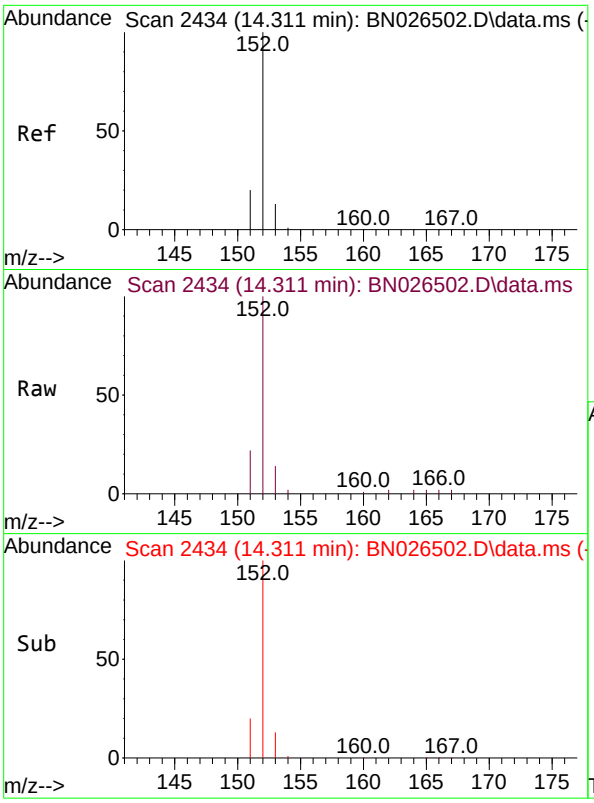


#8
1-Methylnaphthalene
Concen: 0.423 ng/ul
RT: 12.640 min Scan# 2099
Delta R.T. 0.000 min
Lab File: BN026502.D
Acq: 14 Jul 2023 16:19

Tgt Ion:142 Resp: 4015

Ion	Ratio	Lower	Upper
142	100		
141	91.5	74.5	111.7



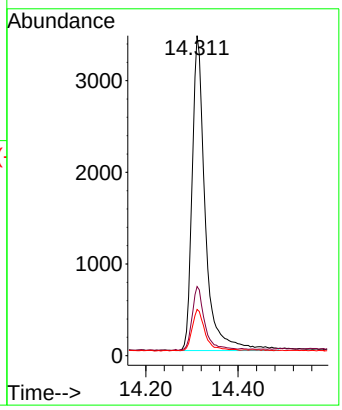


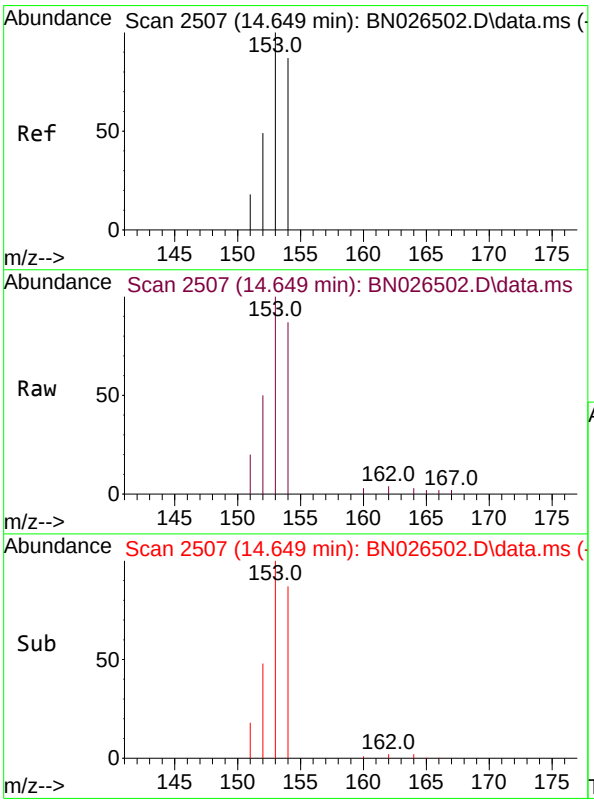
#10
Acenaphthylene
Concen: 0.363 ng/ul
RT: 14.311 min Scan# 24
Delta R.T. 0.000 min
Lab File: BN026502.D
Acq: 14 Jul 2023 16:19

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 6795

Ion	Ratio	Lower	Upper
152	100		
151	21.6	17.0	25.6
153	14.5	11.4	17.2

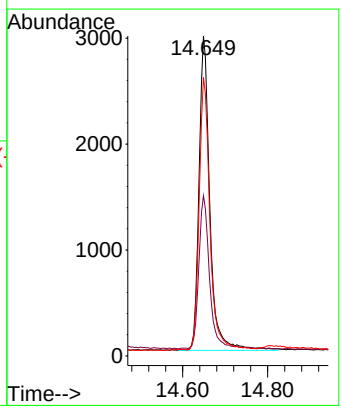


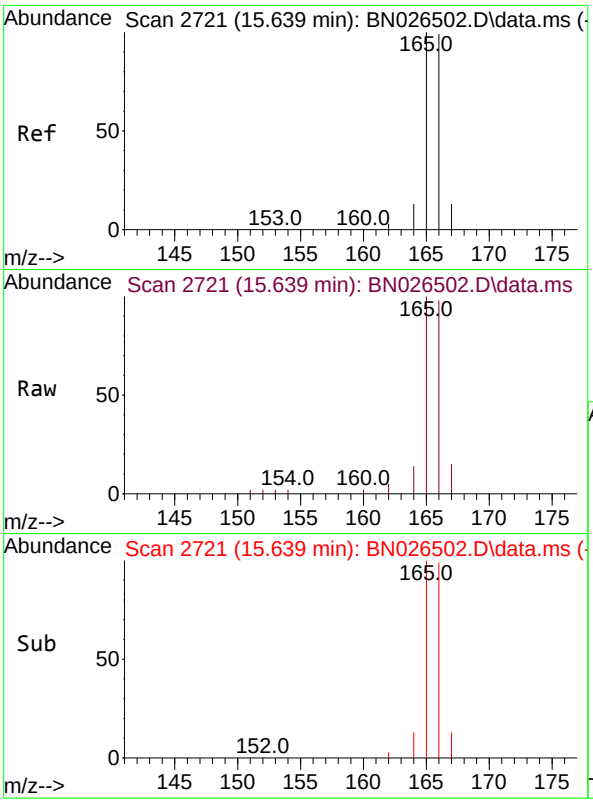


#11
Acenaphthene
Concen: 0.368 ng/ul
RT: 14.649 min Scan# 2507
Delta R.T. 0.000 min
Lab File: BN026502.D
Acq: 14 Jul 2023 16:19

Tgt Ion:153 Resp: 5253

Ion	Ratio	Lower	Upper
153	100		
152	50.1	40.2	60.4
154	87.0	69.3	103.9



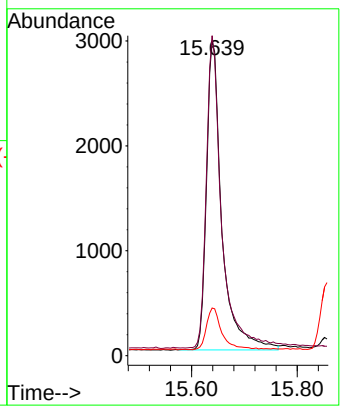


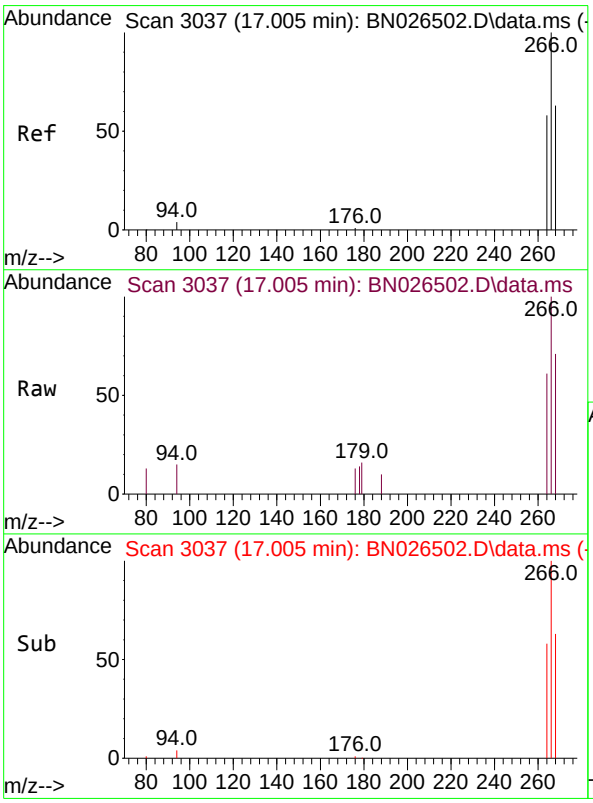
#12
Fluorene
Concen: 0.398 ng/ul
RT: 15.639 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN026502.D
Acq: 14 Jul 2023 16:19

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:166 Resp: 5959

Ion	Ratio	Lower	Upper
166	100		
165	101.7	80.6	120.8
167	15.2	12.0	18.0

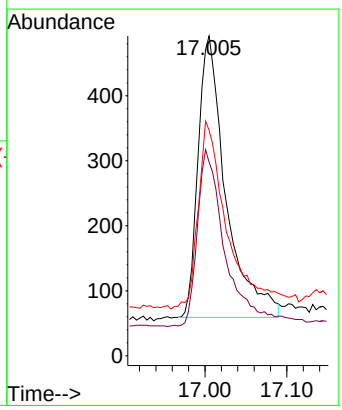


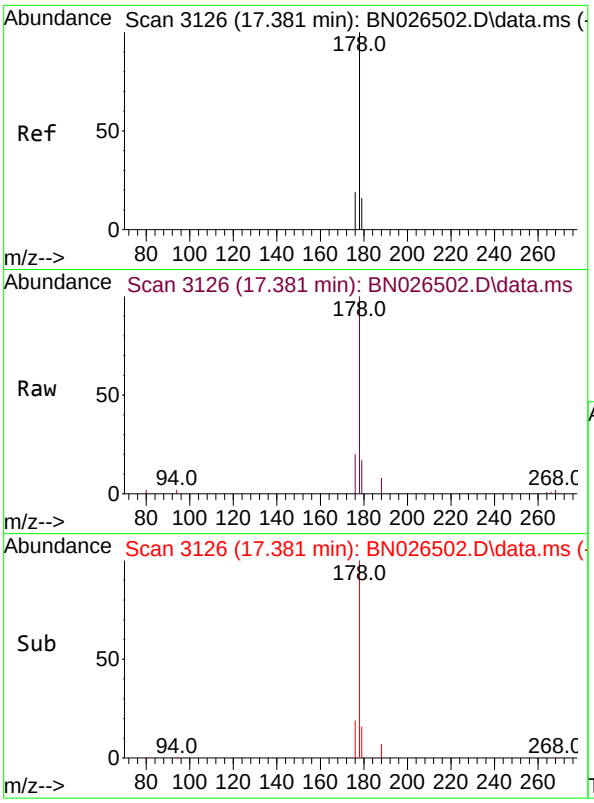


#14
Pentachlorophenol
Concen: 0.495 ng/ul
RT: 17.005 min Scan# 3037
Delta R.T. 0.000 min
Lab File: BN026502.D
Acq: 14 Jul 2023 16:19

Tgt Ion:266 Resp: 1022

Ion	Ratio	Lower	Upper
266	100		
264	62.2	52.0	78.0
268	69.0	53.0	79.6



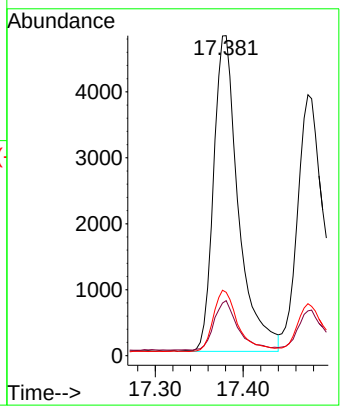


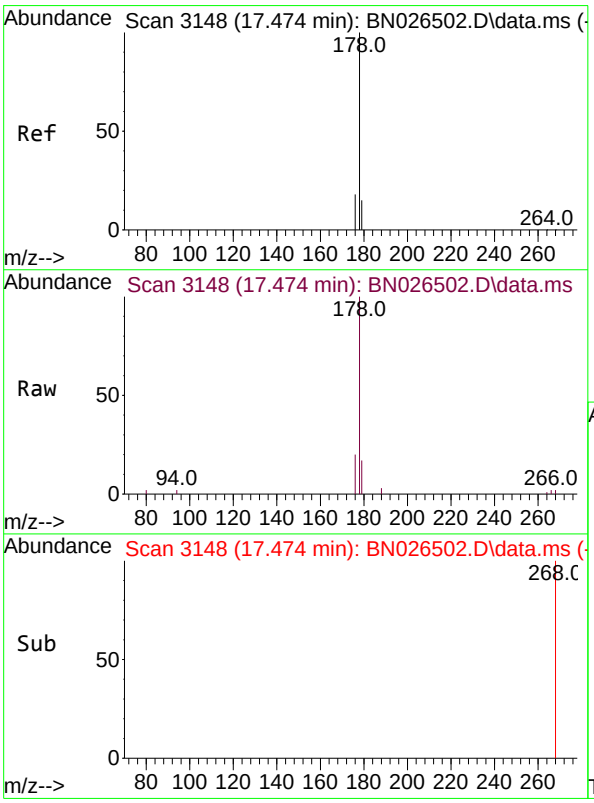
#15
Phenanthrene
Concen: 0.361 ng/ul
RT: 17.381 min Scan# 3
Delta R.T. 0.000 min
Lab File: BN026502.D
Acq: 14 Jul 2023 16:19

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:178 Resp: 9406

Ion	Ratio	Lower	Upper
178	100		
179	17.2	13.7	20.5
176	19.8	16.5	24.7

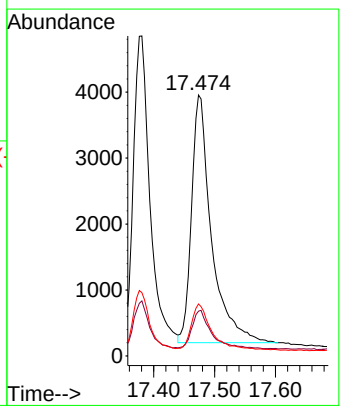


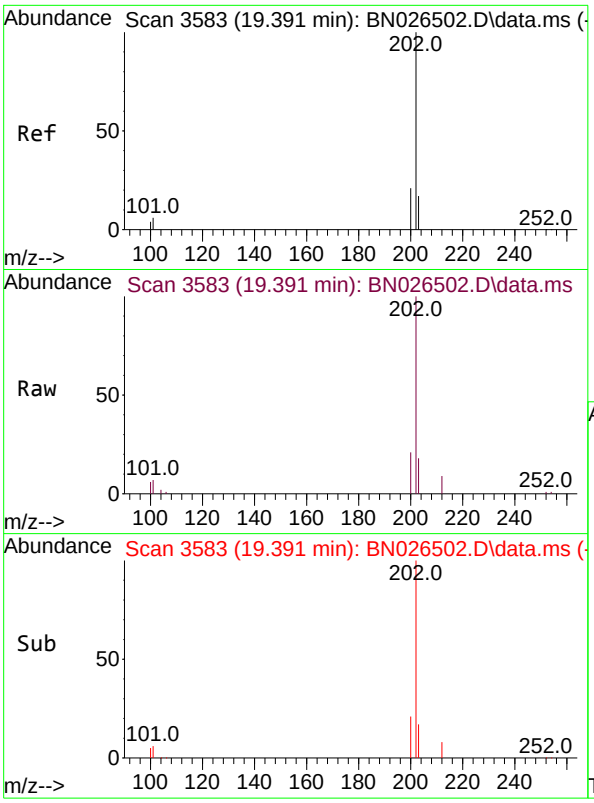


#16
Anthracene
Concen: 0.378 ng/ul
RT: 17.474 min Scan# 3148
Delta R.T. 0.000 min
Lab File: BN026502.D
Acq: 14 Jul 2023 16:19

Tgt Ion:178 Resp: 8540

Ion	Ratio	Lower	Upper
178	100		
179	17.2	14.8	22.2
176	19.9	16.6	25.0



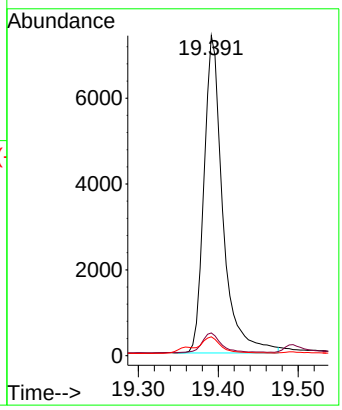


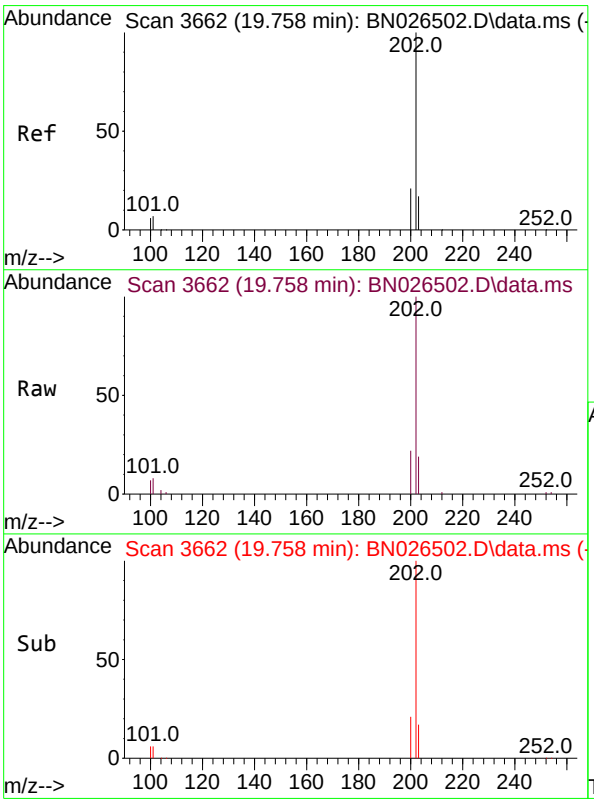
#19
Fluoranthene
Concen: 0.335 ng/ul
RT: 19.391 min Scan# 3
Delta R.T. 0.000 min
Lab File: BN026502.D
Acq: 14 Jul 2023 16:19

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:202 Resp: 12109

Ion	Ratio	Lower	Upper
202	100		
101	7.1	7.0	10.4
100	5.9	6.0	9.0#

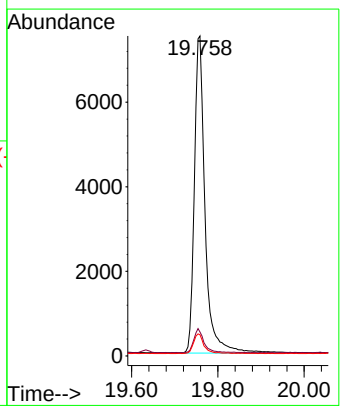


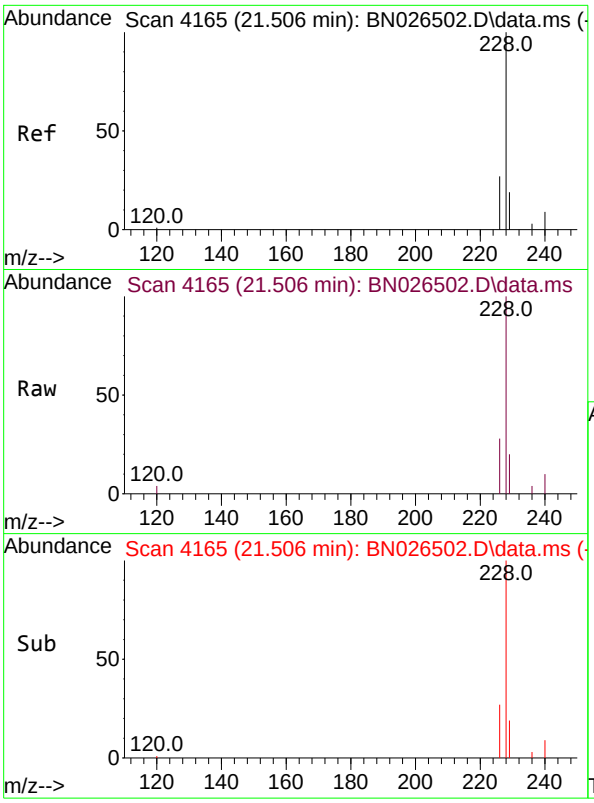


#20
Pyrene
Concen: 0.330 ng/ul
RT: 19.758 min Scan# 3662
Delta R.T. 0.000 min
Lab File: BN026502.D
Acq: 14 Jul 2023 16:19

Tgt Ion:202 Resp: 12946

Ion	Ratio	Lower	Upper
202	100		
101	7.5	8.0	12.0#
100	6.6	6.2	9.2



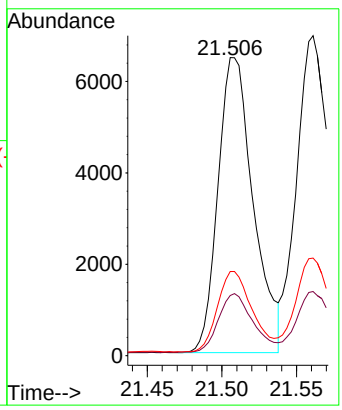


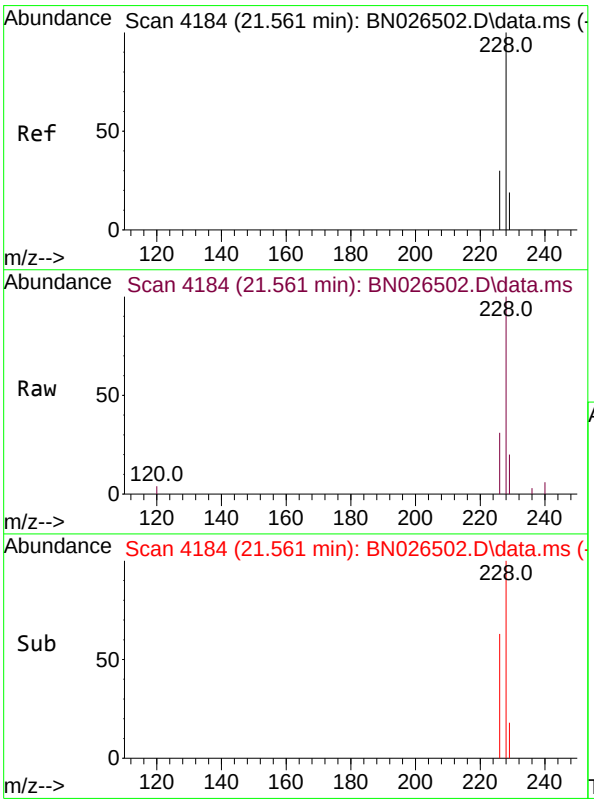
#21
Benzo(a)anthracene
Concen: 0.376 ng/ul
RT: 21.506 min Scan# 4
Delta R.T. 0.000 min
Lab File: BN026502.D
Acq: 14 Jul 2023 16:19

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:228 Resp: 10646

Ion	Ratio	Lower	Upper
228	100		
229	20.2	16.7	25.1
226	28.3	23.5	35.3

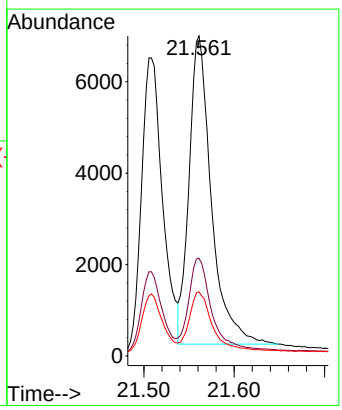


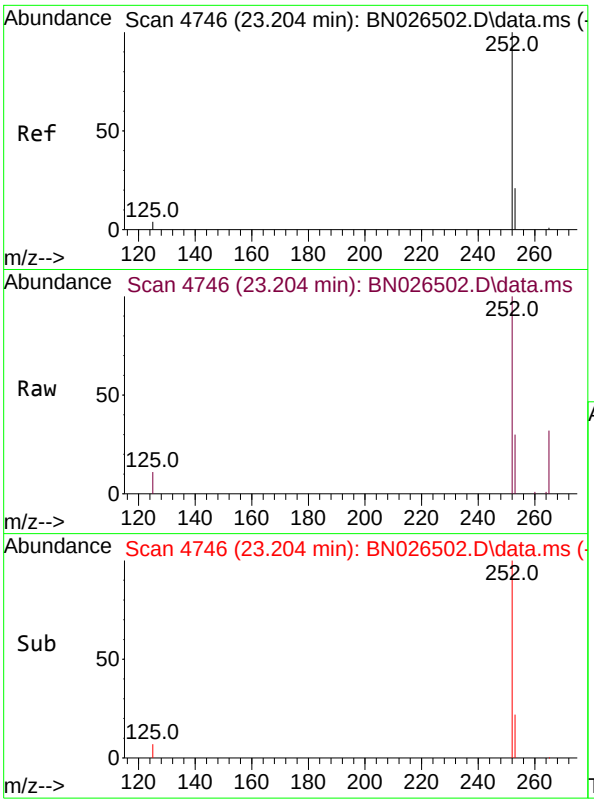


#22
Chrysene
Concen: 0.358 ng/ul
RT: 21.561 min Scan# 4184
Delta R.T. 0.000 min
Lab File: BN026502.D
Acq: 14 Jul 2023 16:19

Tgt Ion:228 Resp: 11558

Ion	Ratio	Lower	Upper
228	100		
226	30.5	25.2	37.8
229	20.0	16.4	24.6



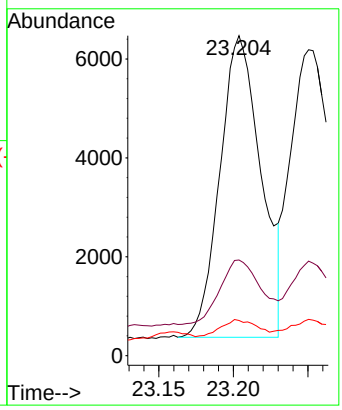


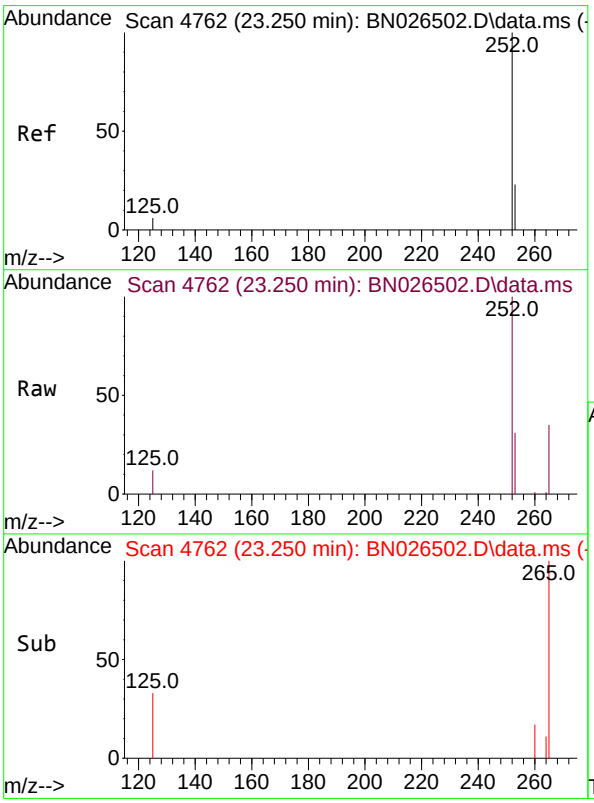
#24
Benzo(b)fluoranthene
Concen: 0.348 ng/ul
RT: 23.204 min Scan# 4
Delta R.T. 0.000 min
Lab File: BN026502.D
Acq: 14 Jul 2023 16:19

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 11697

Ion	Ratio	Lower	Upper
252	100		
253	29.9	0.0	68.6
125	11.0	0.0	34.0

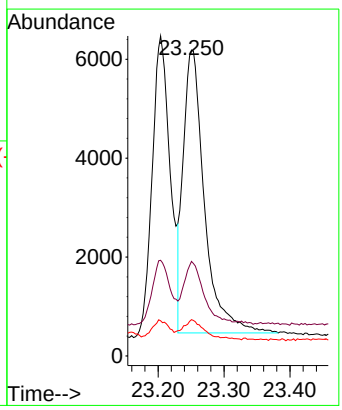


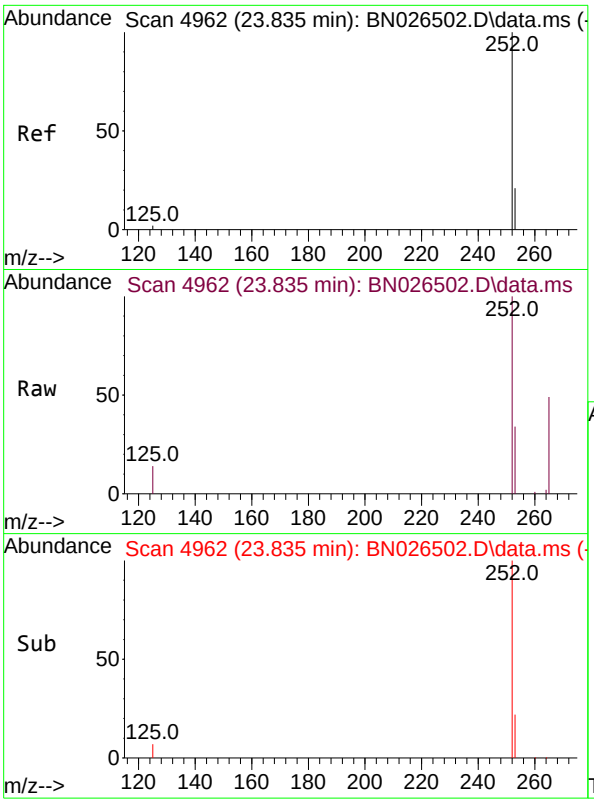


#25
Benzo(k)fluoranthene
Concen: 0.363 ng/ul
RT: 23.250 min Scan# 4762
Delta R.T. 0.000 min
Lab File: BN026502.D
Acq: 14 Jul 2023 16:19

Tgt Ion:252 Resp: 12783

Ion	Ratio	Lower	Upper
252	100		
253	30.9	27.2	40.8
125	11.9	13.4	20.2#



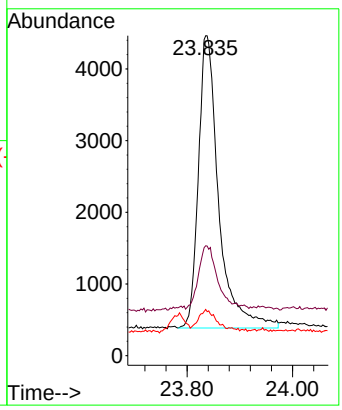


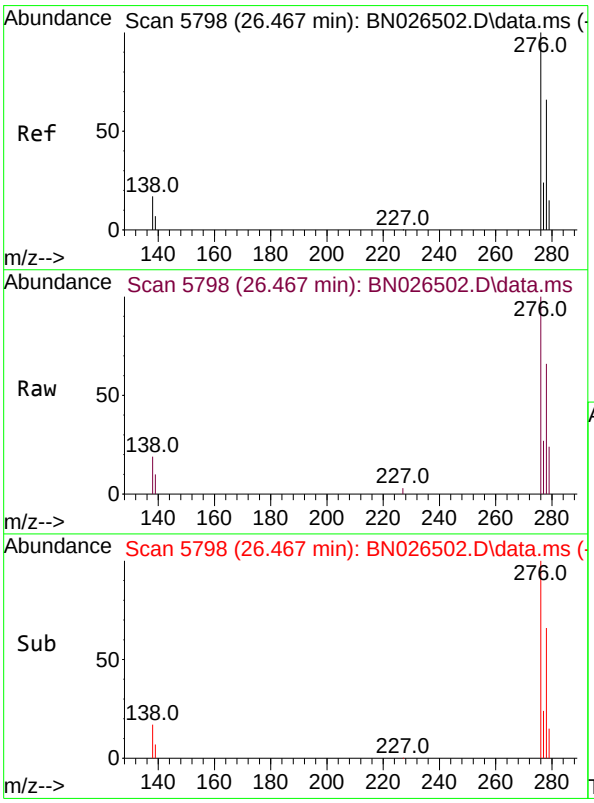
#26
Benzo(a)pyrene
Concen: 0.364 ng/ul
RT: 23.835 min Scan# 4
Delta R.T. 0.000 min
Lab File: BN026502.D
Acq: 14 Jul 2023 16:19

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 10883

Ion	Ratio	Lower	Upper
252	100		
253	34.3	32.6	49.0
125	14.5	19.3	28.9#

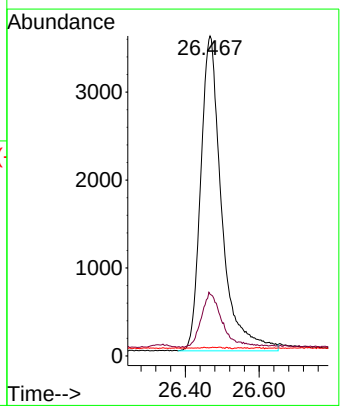


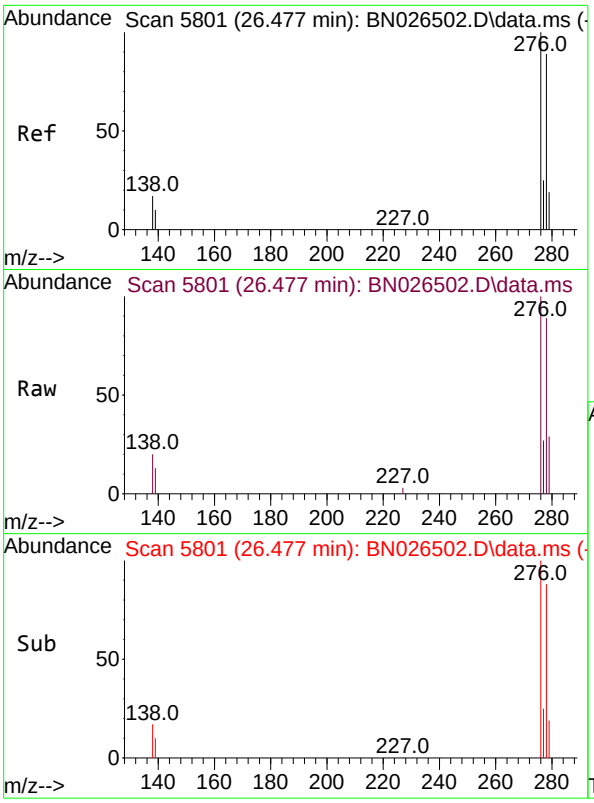


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.360 ng/ul
RT: 26.467 min Scan# 5798
Delta R.T. 0.000 min
Lab File: BN026502.D
Acq: 14 Jul 2023 16:19

Tgt Ion:276 Resp: 14107

Ion	Ratio	Lower	Upper
276	100		
138	17.6	22.2	33.4#
227	0.1	0.1	0.1



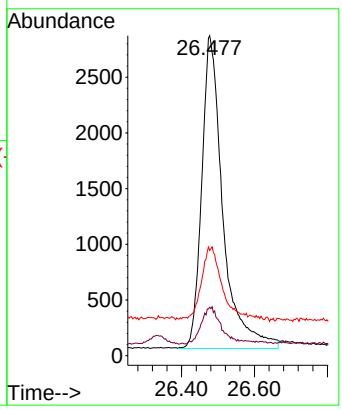


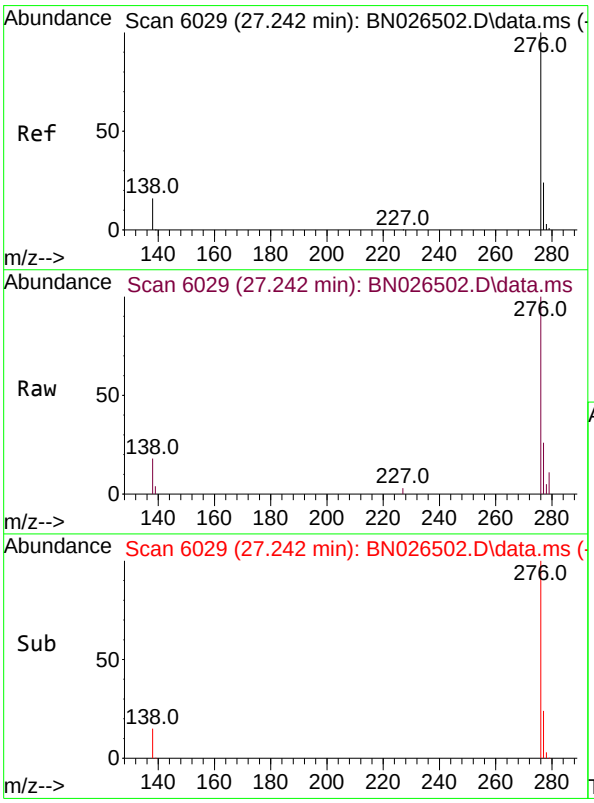
#28
Dibenzo(a,h)anthracene
Concen: 0.376 ng/ul
RT: 26.477 min Scan# 5
Delta R.T. 0.000 min
Lab File: BN026502.D
Acq: 14 Jul 2023 16:19

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:278 Resp: 11295

Ion	Ratio	Lower	Upper
278	100		
139	15.2	18.9	28.3#
279	32.9	31.3	46.9





#29
Benzo(g,h,i)perylene
Concen: 0.346 ng/ul
RT: 27.242 min Scan# 6029
Delta R.T. 0.000 min
Lab File: BN026502.D
Acq: 14 Jul 2023 16:19

Tgt Ion:276 Resp: 11982

Ion	Ratio	Lower	Upper
276	100		
138	18.3	22.6	34.0#
277	26.3	21.8	32.8