Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061323\
Data File : BN025805.D
Acq On : 13 Jun 2023 14:19
Operator : MA/JU
Sample : 02950-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Jun 13 23:16:53 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN060923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jun 10 02:01:49 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.001	152	10210	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.814	136	32010	0.400	ng/ul	#-0.01
9) Acenaphthene-d10	14.640	164	20123	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.381	188	41316	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.564	240	22026	0.400	ng/ul	# 0.00
23) Perylene-d12	24.028	264	19460	0.400	ng/ul	-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.352	96	32095	3.197	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.404	152	9403	0.232	ng/ul	0.00
18) Fluoranthene-d10	19.405	212	21749	0.313	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.869	128	9830	0.121	ng/ul#	95
7) 2-Methylnaphthalene	12.475	142	4469	0.091	ng/ul	94
8) 1-Methylnaphthalene	12.695	142	2501	0.046	ng/ul	91
10) Acenaphthylene	14.362	152	22028	0.277	ng/ul#	94
11) Acenaphthene	14.700	153	14324	0.216	ng/ul	98
12) Fluorene	15.685	166	18879	0.255	ng/ul#	97
14) Pentachlorophenol	17.043	266	109	0.025	ng/ul#	82
15) Phenanthrene	17.423	178	52229	0.433	ng/ul	97
16) Anthracene	17.516	178	32958	0.324	ng/ul#	96
19) Fluoranthene	19.438	202	177559	1.762	ng/ul	99
20) Pyrene	19.800	202	312491	2.996	ng/ul	99
21) Benzo(a)anthracene	21.544	228	126485	1.801	ng/ul	93
22) Chrysene	21.599	228	182571	2.273	ng/ul	96
24) Benzo(b)fluoranthene	23.274	252	123756	1.555	ng/ul	93
26) Benzo(a)pyrene	23.917	252	88044	1.305	ng/ul#	89
27) Indeno(1,2,3-cd)pyrene	26.601	276	40585	0.528	ng/ul#	89
28) Dibenzo(a,h)anthracene	26.608	278	13586	0.233	ng/ul#	83
29) Benzo(g,h,i)perylene	27.396	276	46116	0.668	ng/ul	99

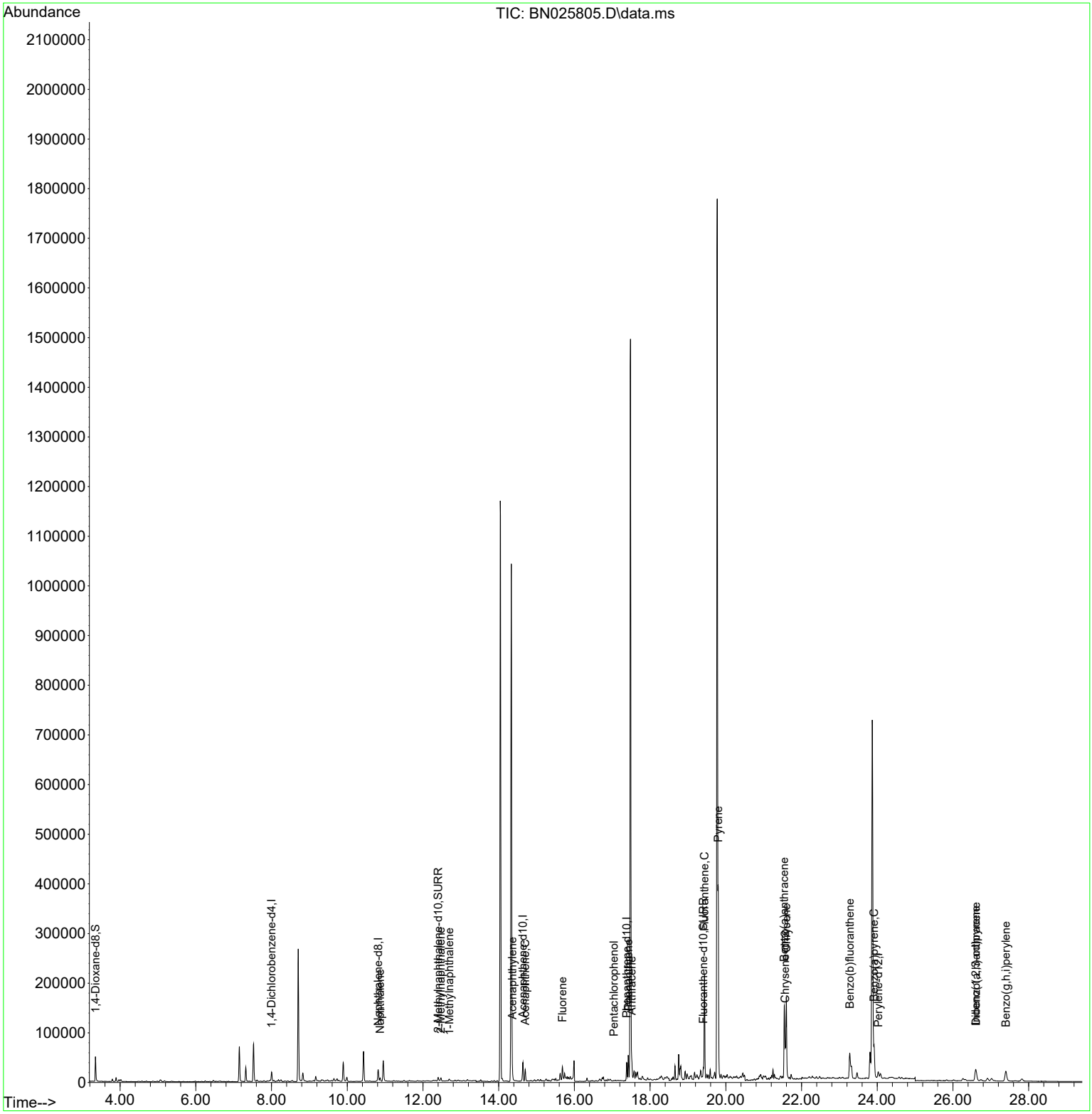
(#) = qualifier out of range (m) = manual integration (+) = signals summed

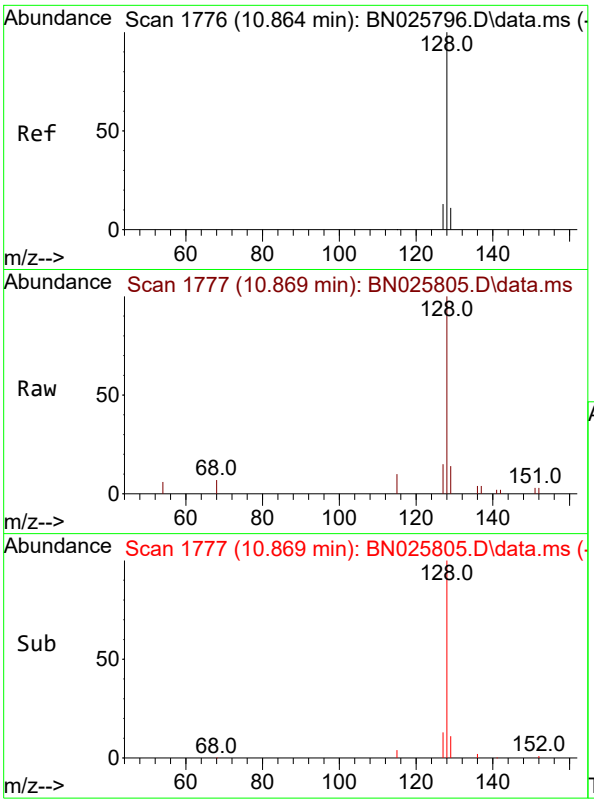
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061323\
Data File : BN025805.D
Acq On : 13 Jun 2023 14:19
Operator : MA/JU
Sample : 02950-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Jun 13 23:16:53 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN060923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jun 10 02:01:49 2023
Response via : Initial Calibration



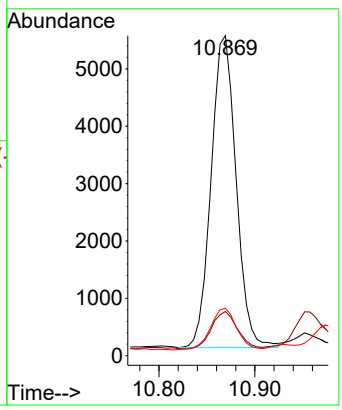


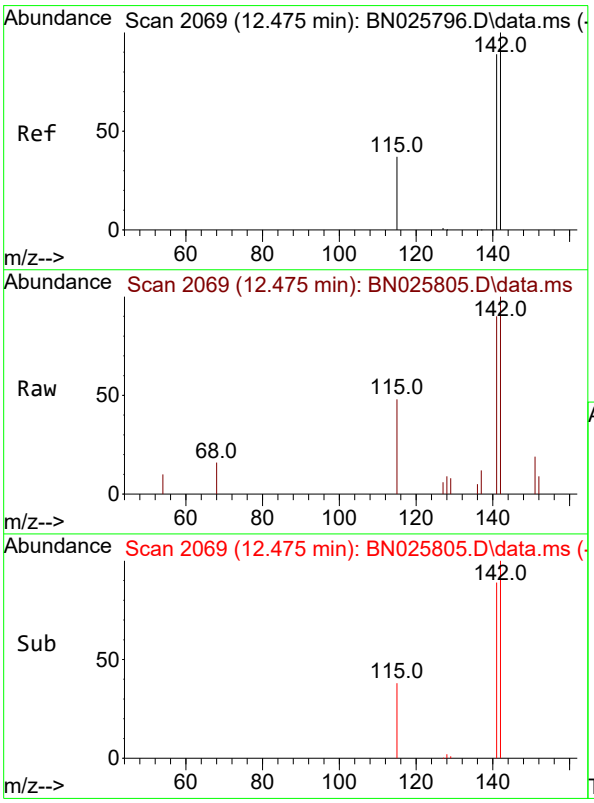
#5
Naphthalene
Concen: 0.121 ng/ul
RT: 10.869 min Scan# 1
Delta R.T. -0.006 min
Lab File: BN025805.D
Acq: 13 Jun 2023 14:19

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:128 Resp: 9830

Ion	Ratio	Lower	Upper
128	100		
129	13.8	9.1	13.7#
127	14.8	10.5	15.7

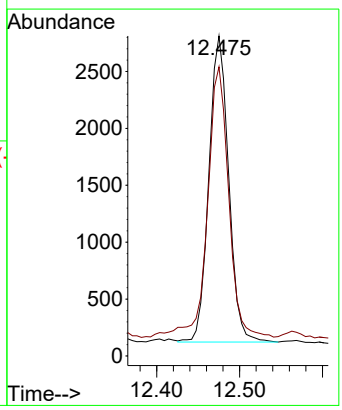


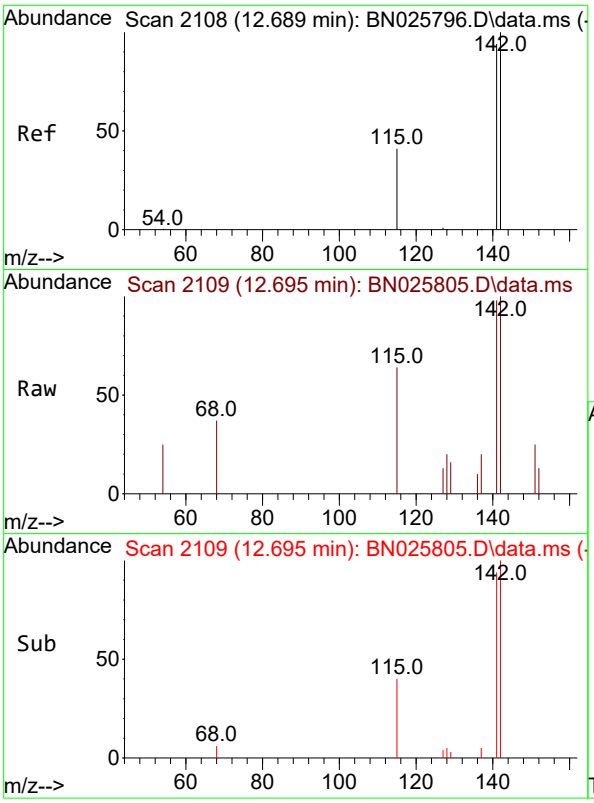


#7
2-Methylnaphthalene
Concen: 0.091 ng/ul
RT: 12.475 min Scan# 2069
Delta R.T. -0.005 min
Lab File: BN025805.D
Acq: 13 Jun 2023 14:19

Tgt Ion:142 Resp: 4469

Ion	Ratio	Lower	Upper
142	100		
141	94.6	71.4	107.2



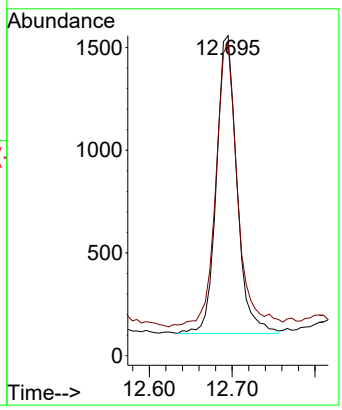


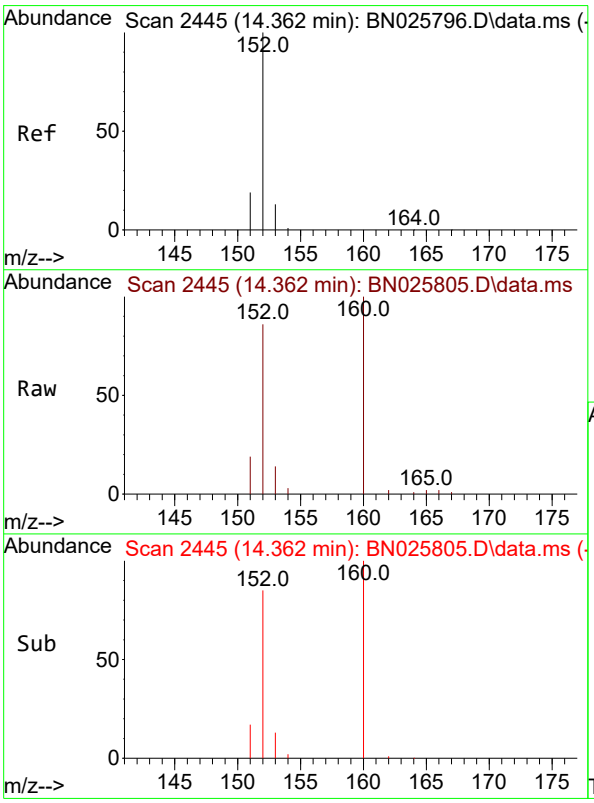
#8
1-Methylnaphthalene
Concen: 0.046 ng/ul
RT: 12.695 min Scan# 2
Delta R.T. -0.005 min
Lab File: BN025805.D
Acq: 13 Jun 2023 14:19

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:142 Resp: 2501

Ion	Ratio	Lower	Upper
142	100		
141	101.4	74.0	111.0

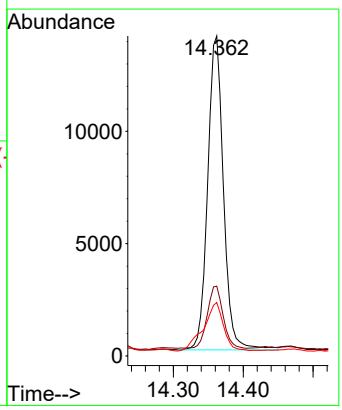


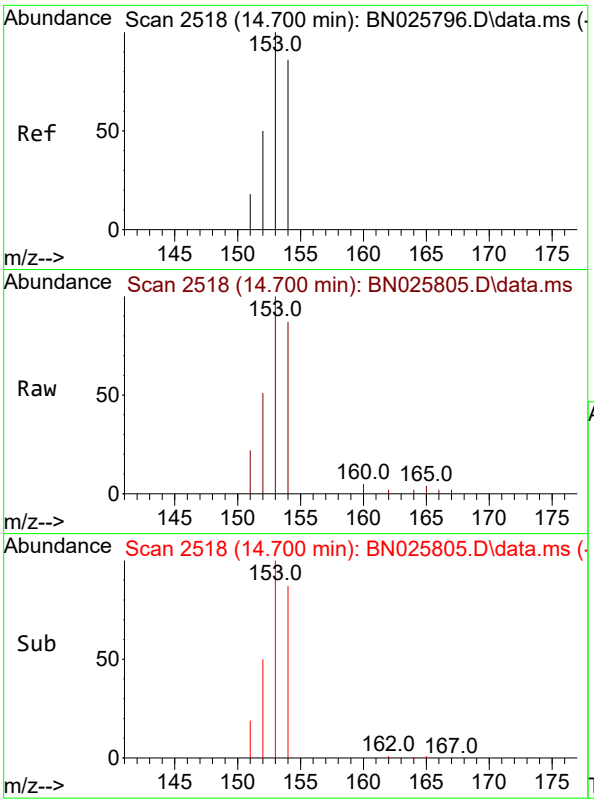


#10
Acenaphthylene
Concen: 0.277 ng/ul
RT: 14.362 min Scan# 2445
Delta R.T. -0.004 min
Lab File: BN025805.D
Acq: 13 Jun 2023 14:19

Tgt Ion:152 Resp: 22028

Ion	Ratio	Lower	Upper
152	100		
151	21.8	16.0	24.0
153	16.7	10.7	16.1#



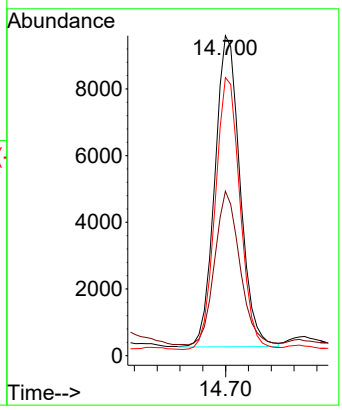


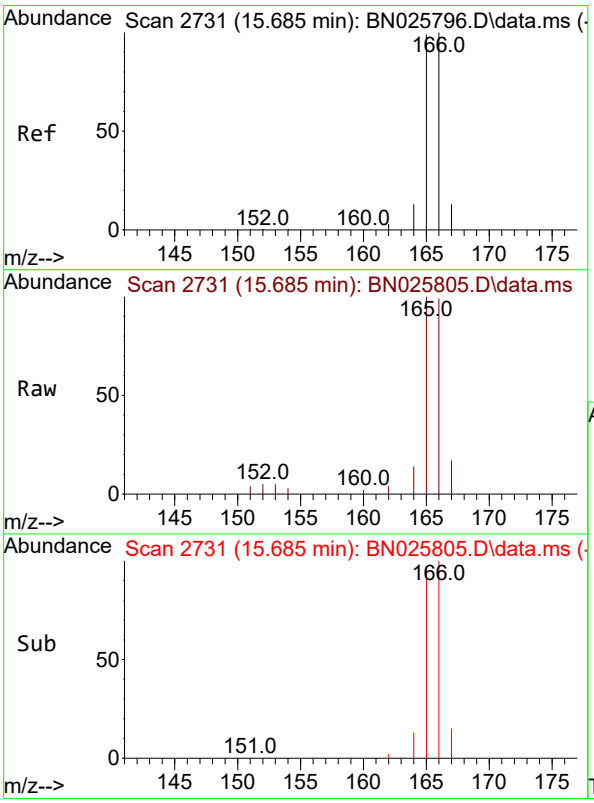
#11
Acenaphthene
Concen: 0.216 ng/ul
RT: 14.700 min Scan# 2
Delta R.T. -0.004 min
Lab File: BN025805.D
Acq: 13 Jun 2023 14:19

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:153 Resp: 14324

Ion	Ratio	Lower	Upper
153	100		
152	51.4	39.5	59.3
154	86.9	68.8	103.2

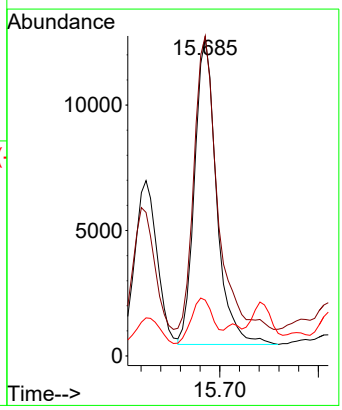


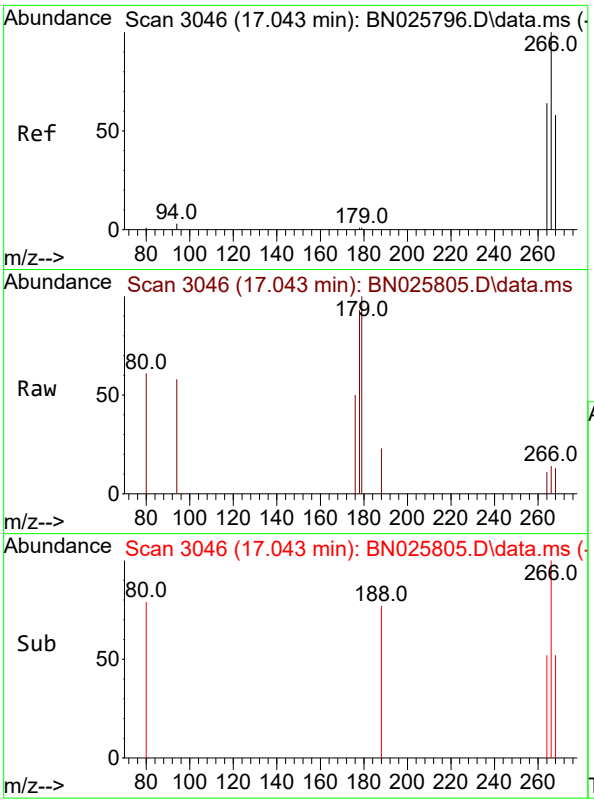


#12
Fluorene
Concen: 0.255 ng/ul
RT: 15.685 min Scan# 2731
Delta R.T. -0.005 min
Lab File: BN025805.D
Acq: 13 Jun 2023 14:19

Tgt Ion:166 Resp: 18879

Ion	Ratio	Lower	Upper
166	100		
165	100.6	79.2	118.8
167	17.6	11.0	16.6#



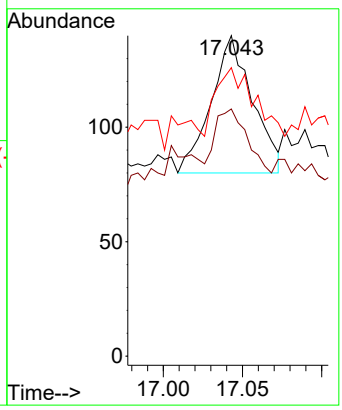


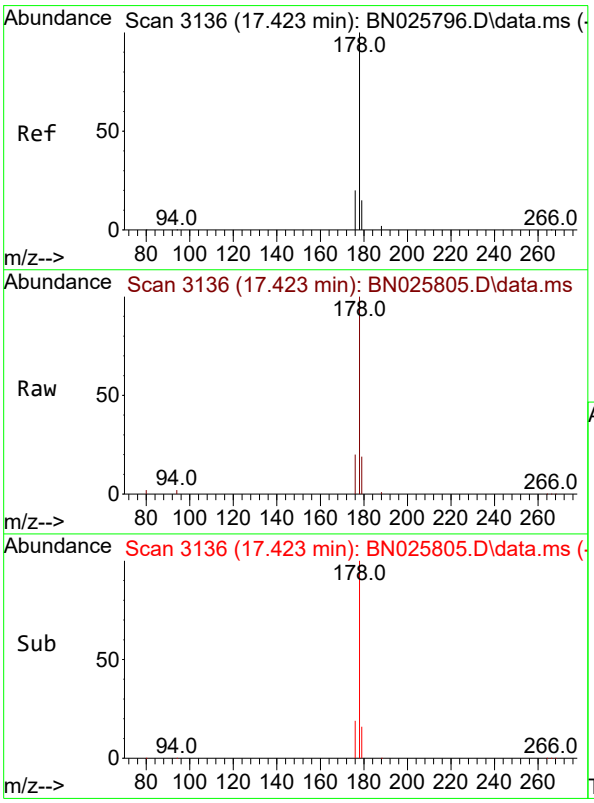
#14
Pentachlorophenol
Concen: 0.025 ng/ul
RT: 17.043 min Scan# 3
Delta R.T. -0.012 min
Lab File: BN025805.D
Acq: 13 Jun 2023 14:19

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:266 Resp: 109

Ion	Ratio	Lower	Upper
266	100		
264	45.9	48.2	72.4#
268	47.7	48.2	72.4#

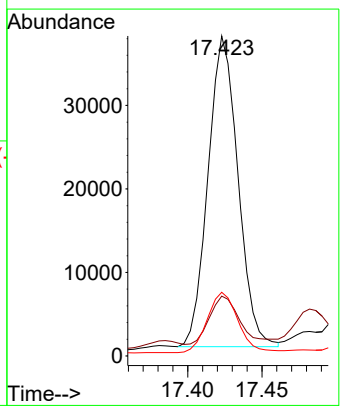


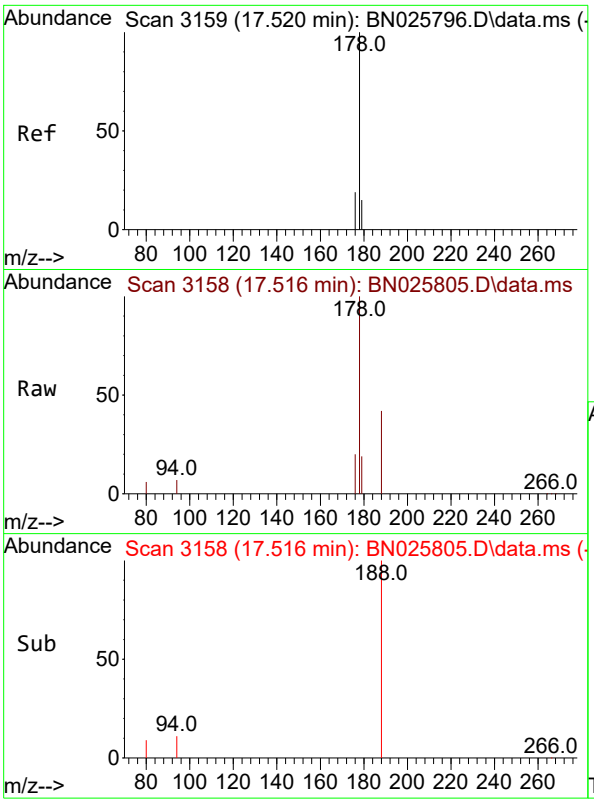


#15
Phenanthrene
Concen: 0.433 ng/ul
RT: 17.423 min Scan# 3136
Delta R.T. -0.008 min
Lab File: BN025805.D
Acq: 13 Jun 2023 14:19

Tgt Ion:178 Resp: 52229

Ion	Ratio	Lower	Upper
178	100		
179	18.7	12.6	18.8
176	19.9	15.8	23.8



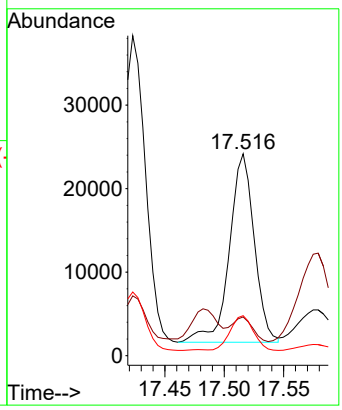


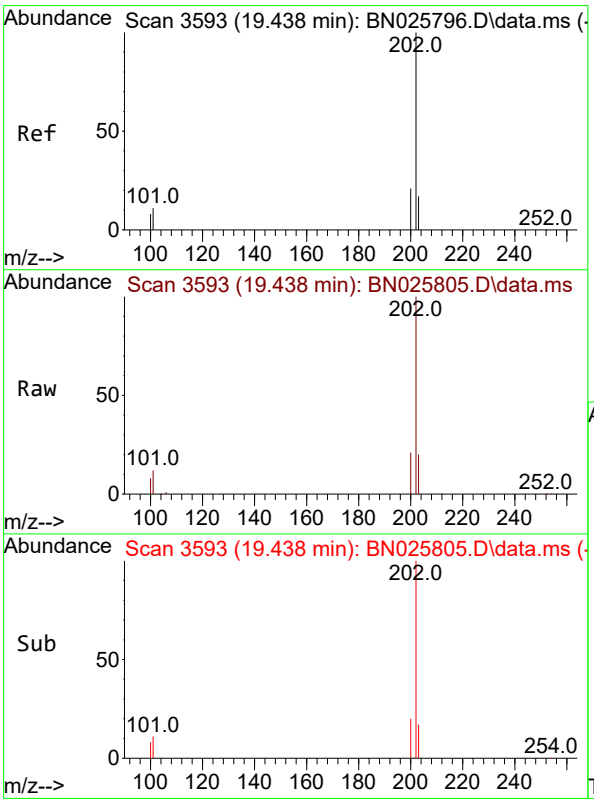
#16
Anthracene
Concen: 0.324 ng/ul
RT: 17.516 min Scan# 3
Delta R.T. -0.008 min
Lab File: BN025805.D
Acq: 13 Jun 2023 14:19

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:178 Resp: 32958

Ion	Ratio	Lower	Upper
178	100		
179	19.2	12.6	19.0#
176	19.8	15.4	23.2

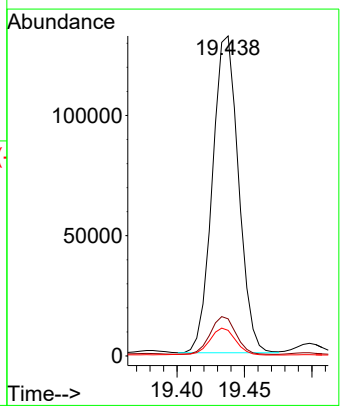


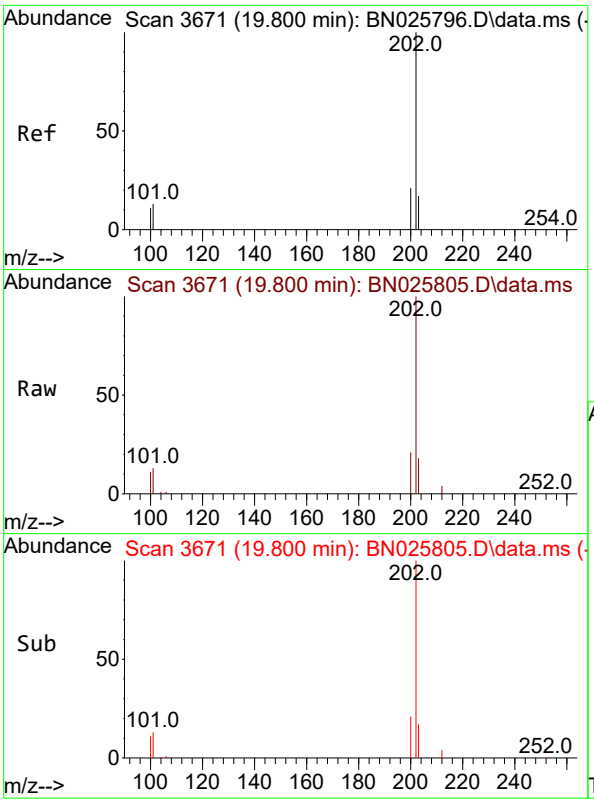


#19
Fluoranthene
Concen: 1.762 ng/ul
RT: 19.438 min Scan# 3593
Delta R.T. -0.004 min
Lab File: BN025805.D
Acq: 13 Jun 2023 14:19

Tgt Ion:202 Resp: 177559

Ion	Ratio	Lower	Upper
202	100		
101	11.6	9.1	13.7
100	8.0	7.0	10.6



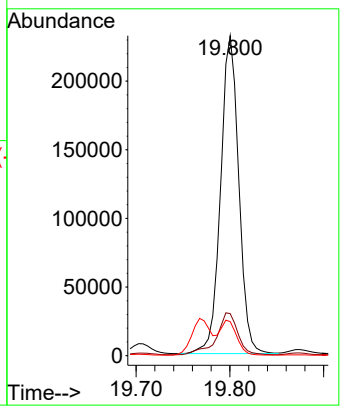


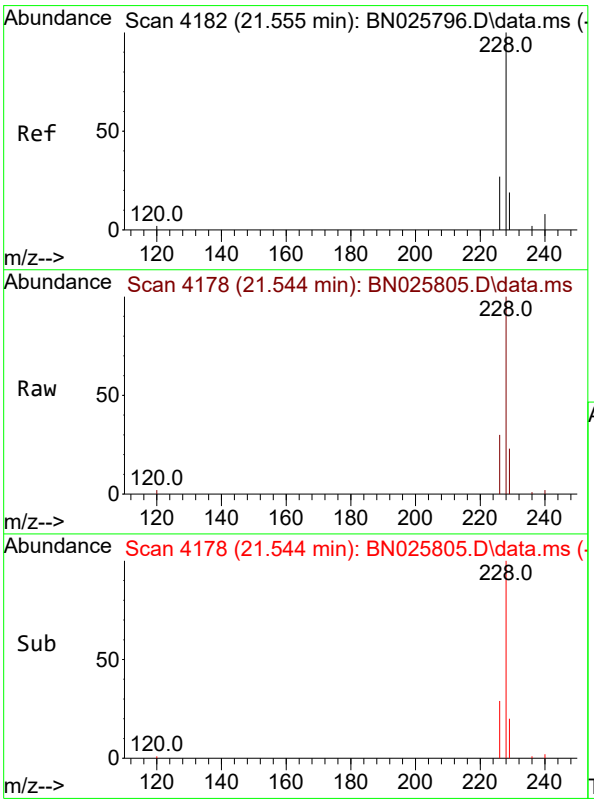
#20
Pyrene
Concen: 2.996 ng/ul
RT: 19.800 min Scan# 3
Delta R.T. -0.005 min
Lab File: BN025805.D
Acq: 13 Jun 2023 14:19

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:202 Resp: 312491

Ion	Ratio	Lower	Upper
202	100		
101	13.1	10.4	15.6
100	10.6	8.8	13.2

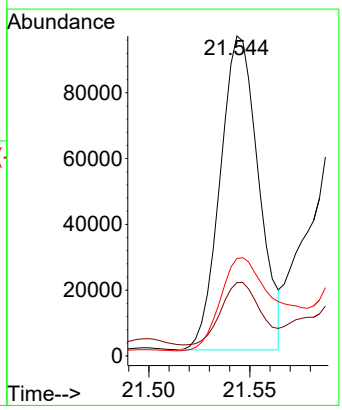


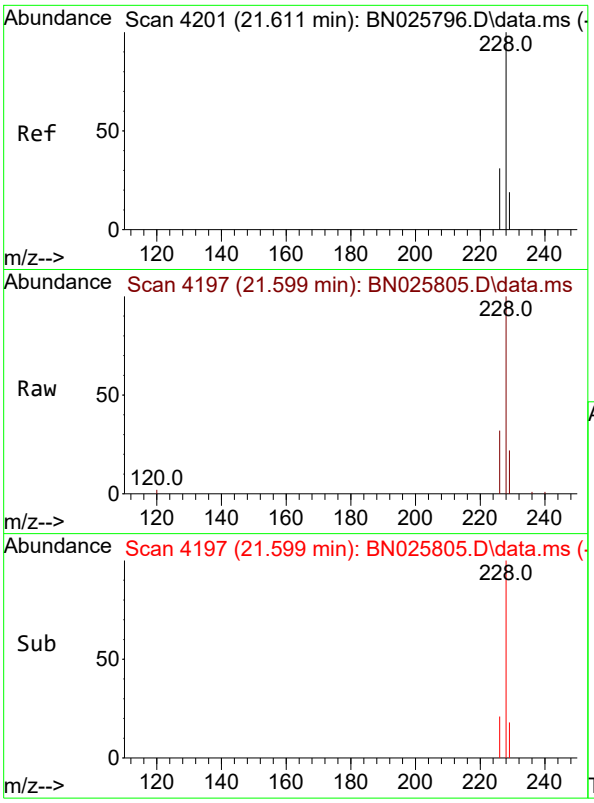


#21
Benzo(a)anthracene
Concen: 1.801 ng/ul
RT: 21.544 min Scan# 4178
Delta R.T. -0.008 min
Lab File: BN025805.D
Acq: 13 Jun 2023 14:19

Tgt Ion:228 Resp: 126485

Ion	Ratio	Lower	Upper
228	100		
229	22.9	15.5	23.3
226	30.5	22.0	33.0



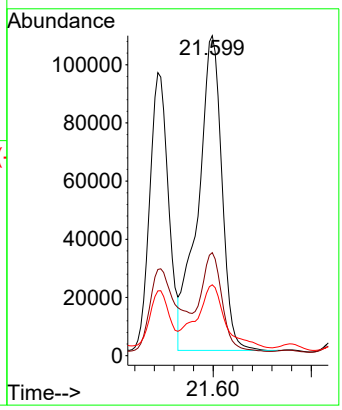


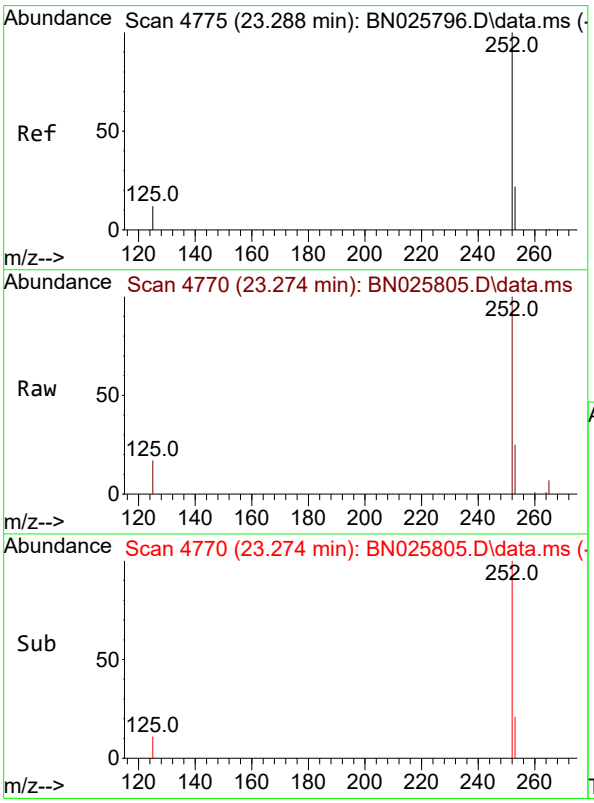
#22
Chrysene
Concen: 2.273 ng/ul
RT: 21.599 min Scan# 4
Delta R.T. -0.009 min
Lab File: BN025805.D
Acq: 13 Jun 2023 14:19

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:228 Resp: 182571

Ion	Ratio	Lower	Upper
228	100		
226	32.2	24.7	37.1
229	22.2	15.7	23.5

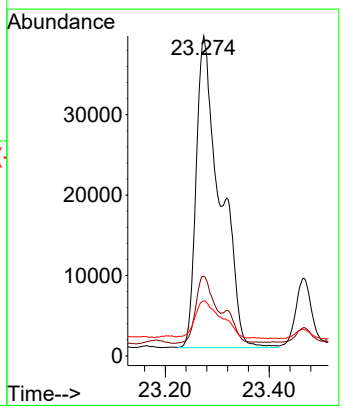


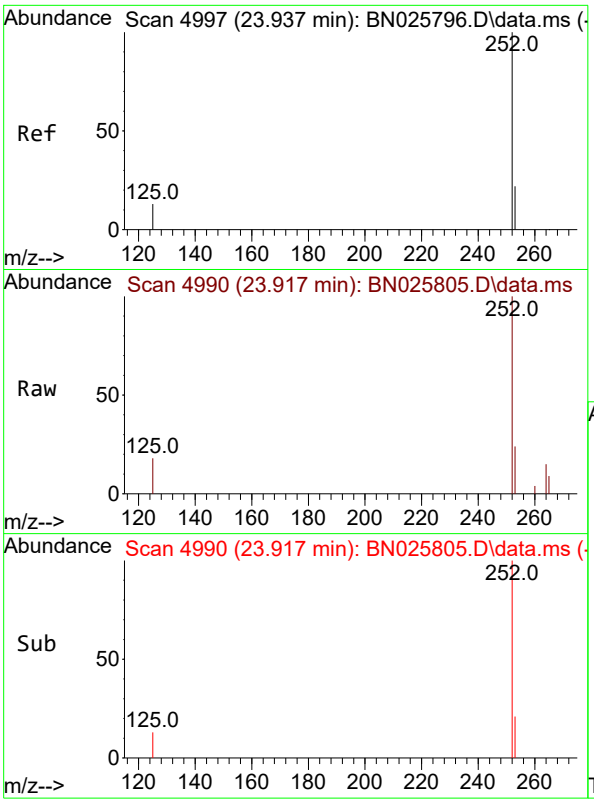


#24
Benzo(b)fluoranthene
Concen: 1.555 ng/ul
RT: 23.274 min Scan# 4770
Delta R.T. -0.017 min
Lab File: BN025805.D
Acq: 13 Jun 2023 14:19

Tgt Ion:252 Resp: 123756

Ion	Ratio	Lower	Upper
252	100		
253	24.9	0.0	56.0
125	17.2	0.0	28.0



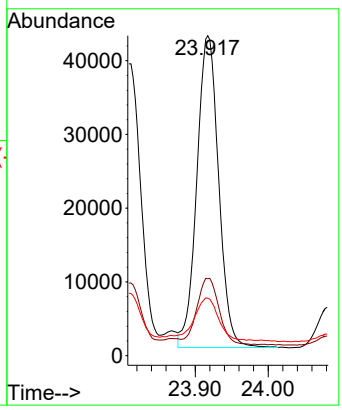


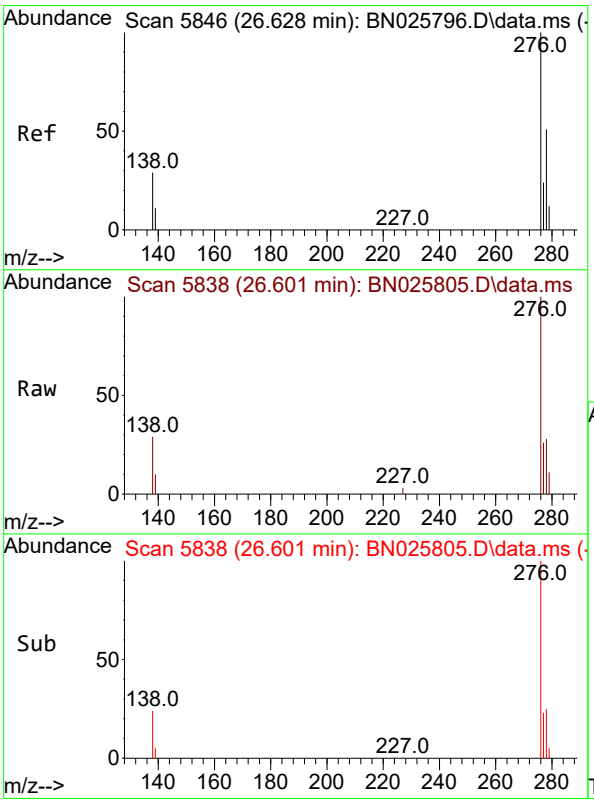
#26
Benzo(a)pyrene
Concen: 1.305 ng/ul
RT: 23.917 min Scan# 4
Delta R.T. -0.026 min
Lab File: BN025805.D
Acq: 13 Jun 2023 14:19

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 88044

Ion	Ratio	Lower	Upper
252	100		
253	24.0	25.8	38.8#
125	18.0	13.5	20.3

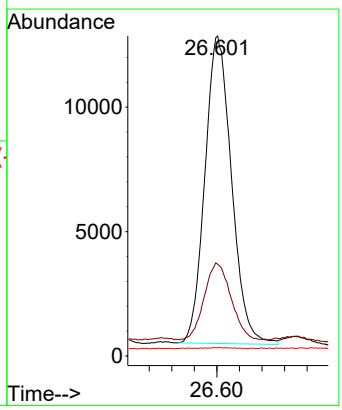


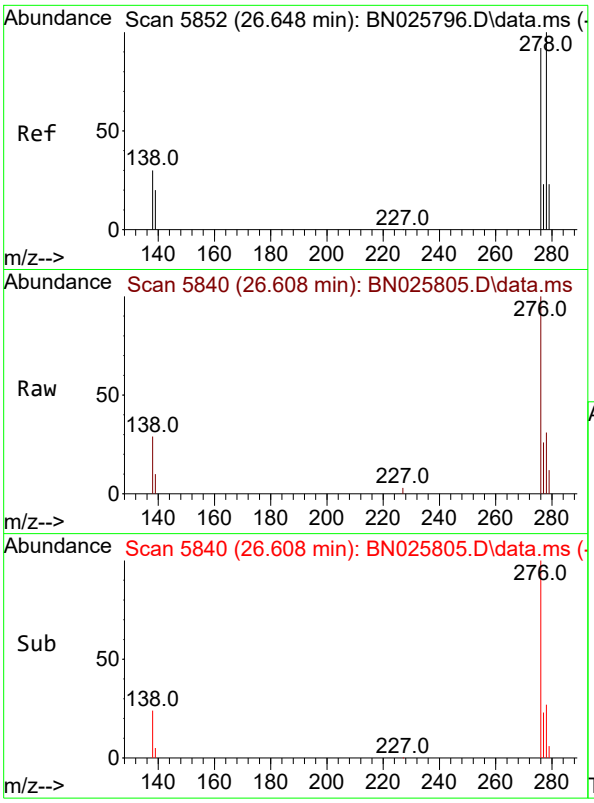


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.528 ng/ul
RT: 26.601 min Scan# 5838
Delta R.T. -0.057 min
Lab File: BN025805.D
Acq: 13 Jun 2023 14:19

Tgt Ion:276 Resp: 40585

Ion	Ratio	Lower	Upper
276	100		
138	24.8	24.6	36.8
227	0.3	0.0	0.0#



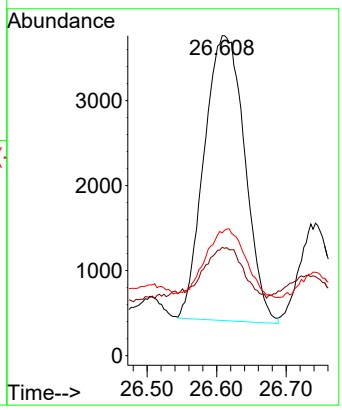


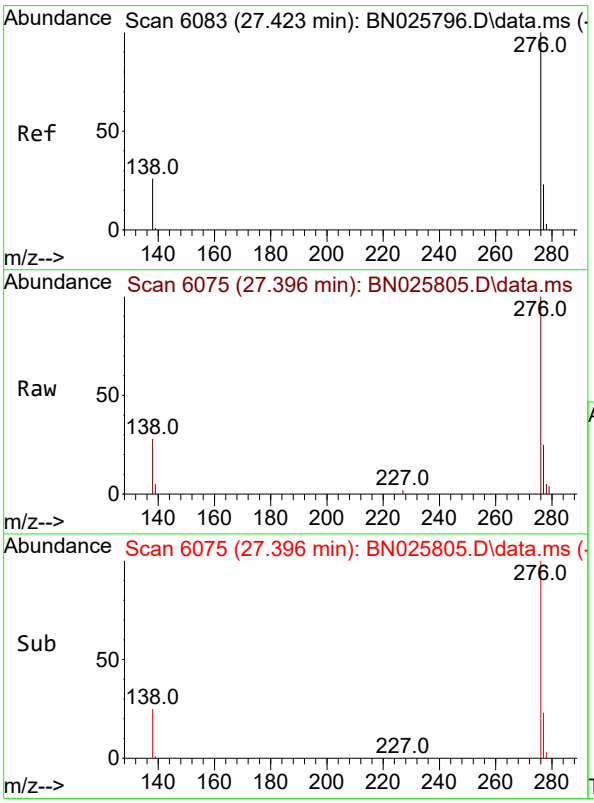
#28
Dibenzo(a,h)anthracene
Concen: 0.233 ng/ul
RT: 26.608 min Scan# 5
Delta R.T. -0.077 min
Lab File: BN025805.D
Acq: 13 Jun 2023 14:19

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:278 Resp: 13586

Ion	Ratio	Lower	Upper
278	100		
139	33.8	17.9	26.9#
279	38.3	25.3	37.9#





#29
Benzo(g,h,i)perylene
Concen: 0.668 ng/ul
RT: 27.396 min Scan# 6075
Delta R.T. -0.053 min
Lab File: BN025805.D
Acq: 13 Jun 2023 14:19

Tgt Ion:276 Resp: 46116

Ion	Ratio	Lower	Upper
276	100		
138	28.0	21.8	32.8
277	24.8	19.4	29.2