Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081823\
Data File : BN026954.D
Acq On : 18 Aug 2023 11:14
Operator : MA/JU
Sample : 03970-02MS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A48H5MS

Quant Time: Aug 18 11:51:00 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN080323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 16 00:50:05 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.105	152	4330	0.400	ng/ul	0.00
4) Naphthalene-d8	10.933	136	12764	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.731	164	8098	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.477	188	18187	0.400	ng/ul	0.00
17) Chrysene-d12	21.647	240	16368	0.400	ng/ul	-0.01
23) Perylene-d12	24.193	264	17076	0.400	ng/ul	#-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.439	96	2435	0.474	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.506	152	5802	0.309	ng/ul	0.00
18) Fluoranthene-d10	19.492	212	15601	0.302	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.477	88	5398	1.029	ng/ul	96
5) Naphthalene	10.982	128	8736	0.242	ng/ul	98
7) 2-Methylnaphthalene	12.577	142	5951	0.272	ng/ul	100
8) 1-Methylnaphthalene	12.792	142	6507	0.285	ng/ul	100
10) Acenaphthylene	14.458	152	9687	0.214	ng/ul	99
11) Acenaphthene	14.791	153	7461	0.238	ng/ul	98
12) Fluorene	15.776	166	8449	0.238	ng/ul	99
15) Phenanthrene	17.519	178	36914	0.618	ng/ul	100
16) Anthracene	17.612	178	14080	0.261	ng/ul	99
19) Fluoranthene	19.520	202	78933	1.161	ng/ul	97
20) Pyrene	19.887	202	71497	0.986	ng/ul	98
21) Benzo(a)anthracene	21.630	228	42931	0.659	ng/ul	99
22) Chrysene	21.688	228	44314	0.690	ng/ul	98
24) Benzo(b)fluoranthene	23.401	252	62027	0.960	ng/ul	98
25) Benzo(k)fluoranthene	23.454	252	32206	0.506	ng/ul#	94
26) Benzo(a)pyrene	24.079	252	40145	0.689	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	26.881	276	40245	0.528	ng/ul#	95
28) Dibenzo(a,h)anthracene	26.911	278	19041	0.313	ng/ul	96
29) Benzo(g,h,i)perylene	27.716	276	38052	0.599	ng/ul	99

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081823\
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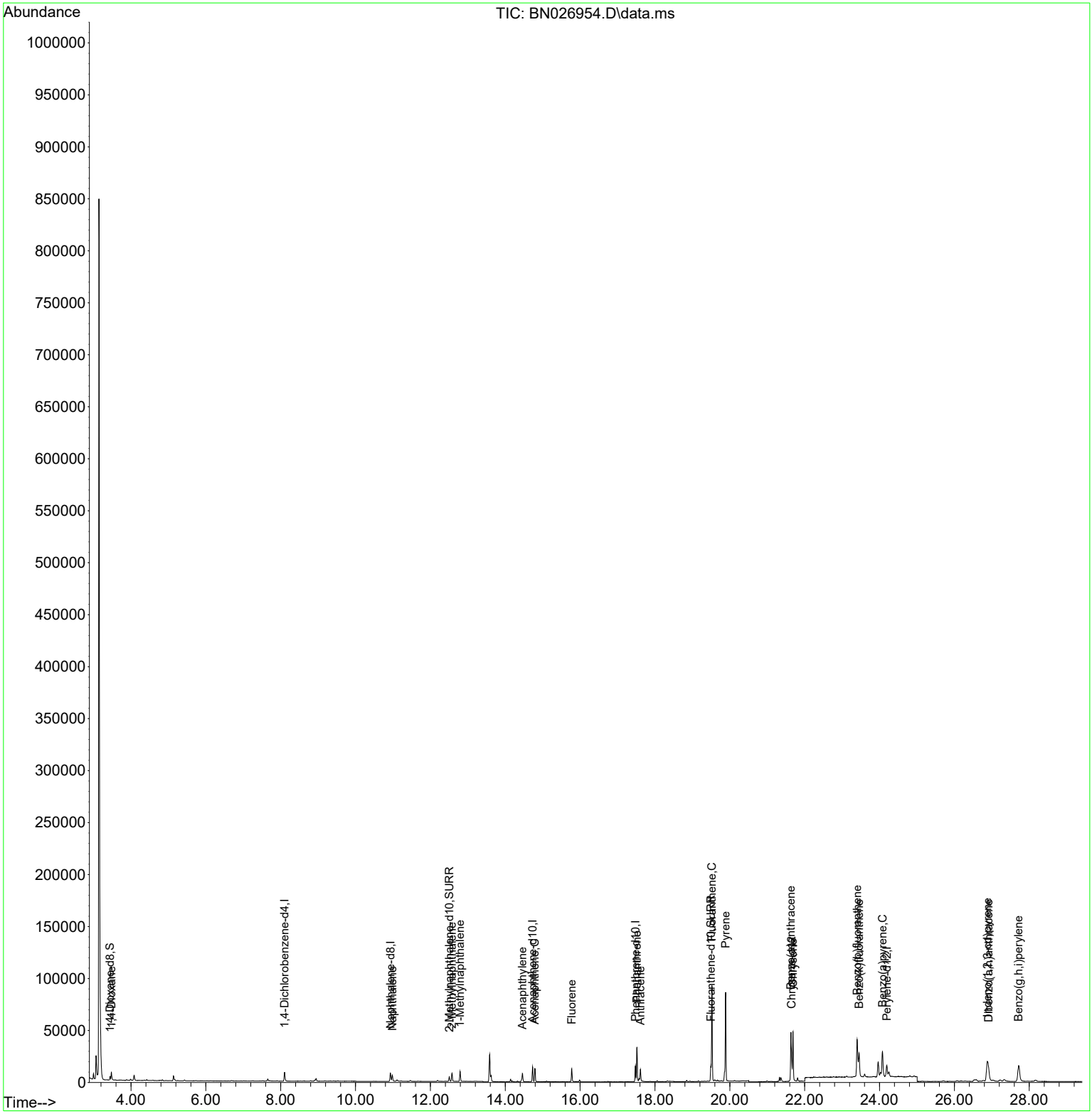
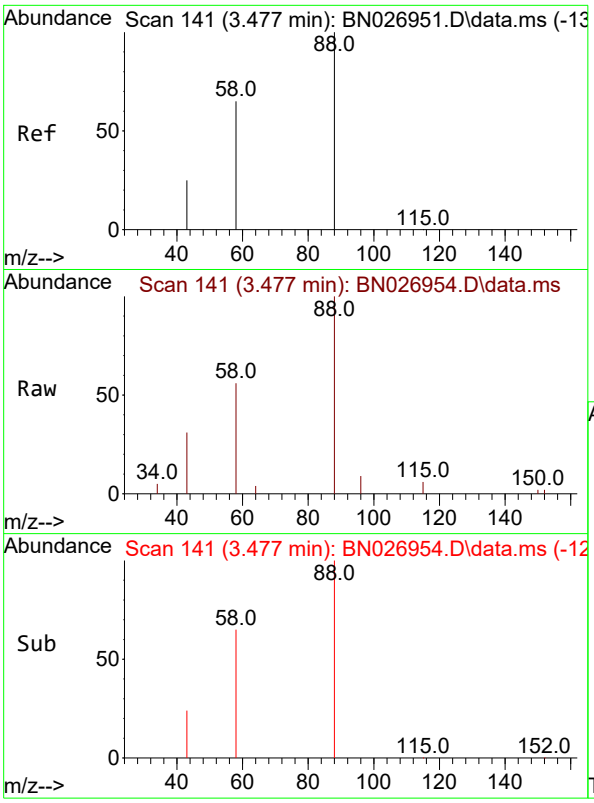
Quant Time: Aug 18 11:51:00 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN080323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 16 00:50:05 2023
Response via : Initial Calibration



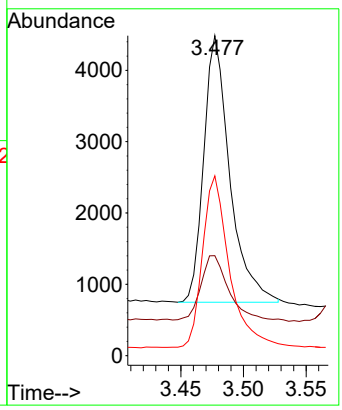


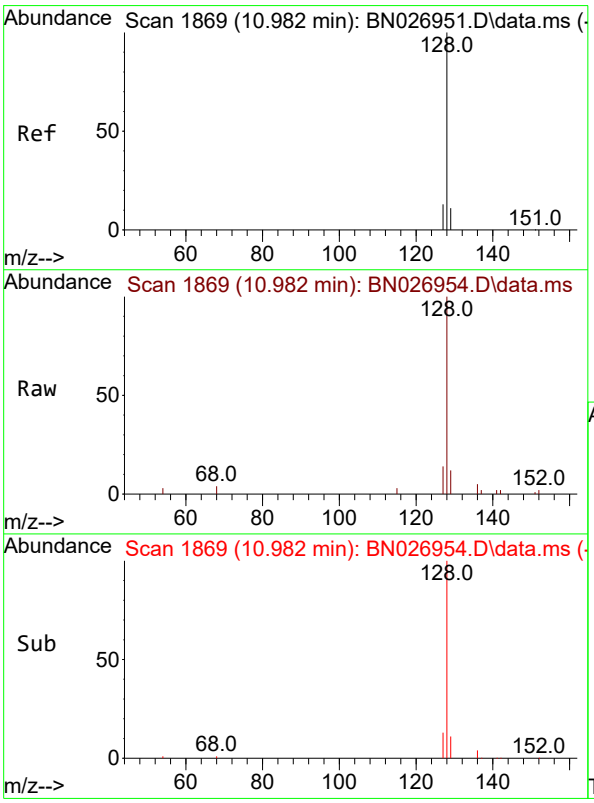
#2
1,4-Dioxane
Concen: 1.029 ng/ul
RT: 3.477 min Scan# 14
Delta R.T. 0.004 min
Lab File: BN026954.D
Acq: 18 Aug 2023 11:14

Instrument :
BNA_N
ClientSampleId :
A48H5MS

Tgt Ion: 88 Resp: 5398

Ion	Ratio	Lower	Upper
88	100		
43	31.2	28.0	42.0
58	56.2	46.0	69.0

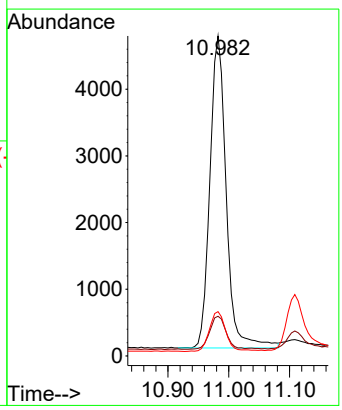


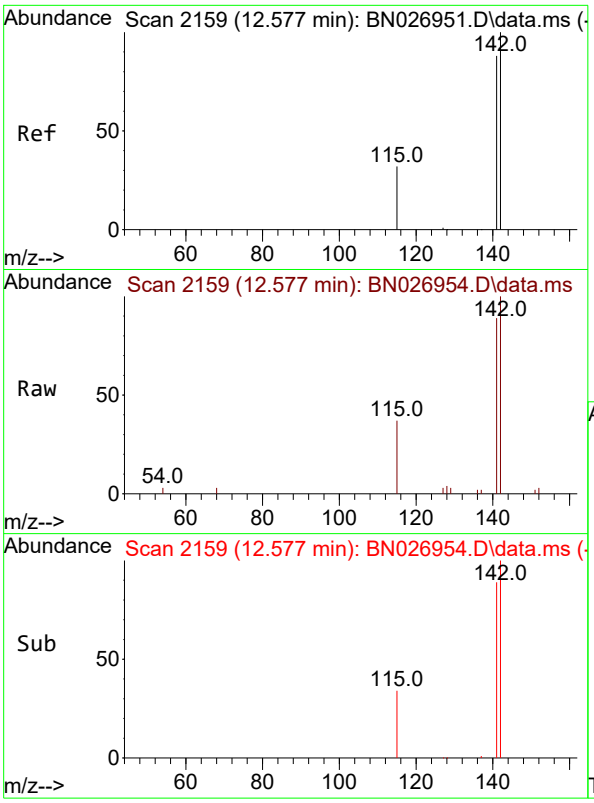


#5
Naphthalene
Concen: 0.242 ng/ul
RT: 10.982 min Scan# 1869
Delta R.T. 0.000 min
Lab File: BN026954.D
Acq: 18 Aug 2023 11:14

Tgt Ion:128 Resp: 8736

Ion	Ratio	Lower	Upper
128	100		
129	12.4	9.2	13.8
127	13.8	10.5	15.7



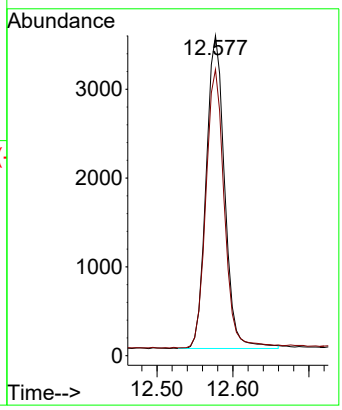


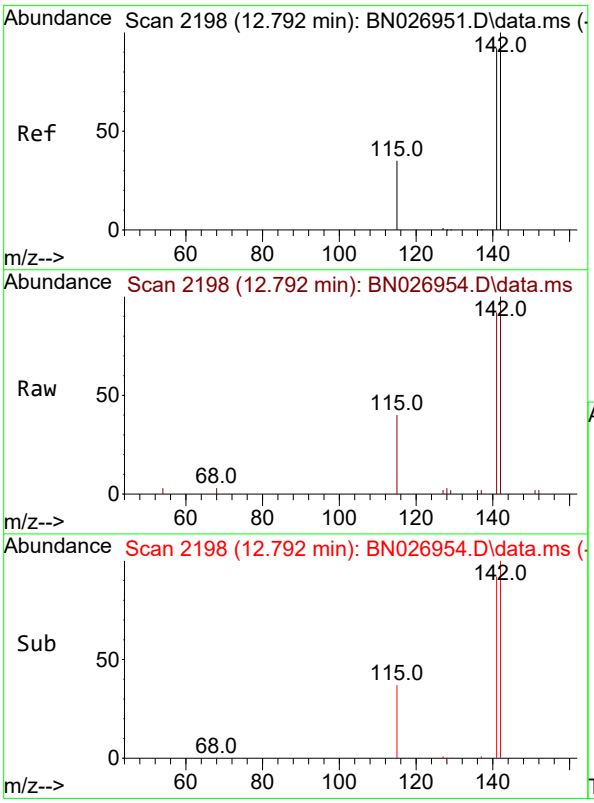
#7
2-Methylnaphthalene
Concen: 0.272 ng/ul
RT: 12.577 min Scan# 2
Delta R.T. -0.005 min
Lab File: BN026954.D
Acq: 18 Aug 2023 11:14

Instrument :
BNA_N
ClientSampleId :
A48H5MS

Tgt Ion:142 Resp: 5951

Ion	Ratio	Lower	Upper
142	100		
141	88.4	70.9	106.3

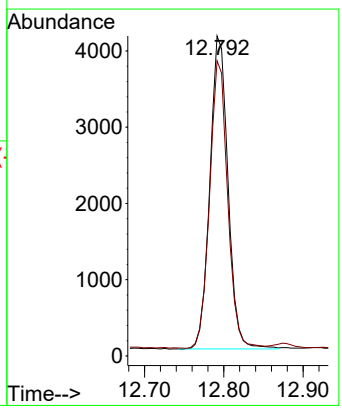


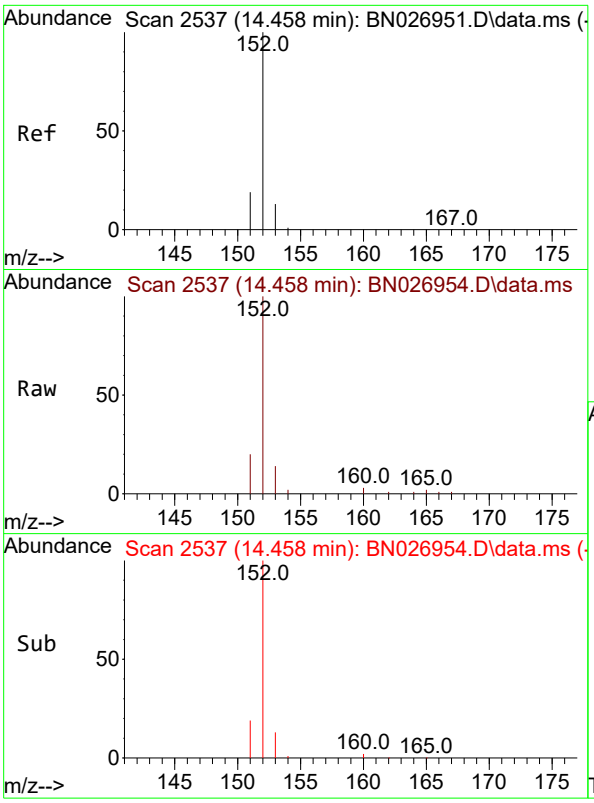


#8
1-Methylnaphthalene
Concen: 0.285 ng/ul
RT: 12.792 min Scan# 2198
Delta R.T. -0.005 min
Lab File: BN026954.D
Acq: 18 Aug 2023 11:14

Tgt Ion:142 Resp: 6507

Ion	Ratio	Lower	Upper
142	100		
141	91.3	73.2	109.8



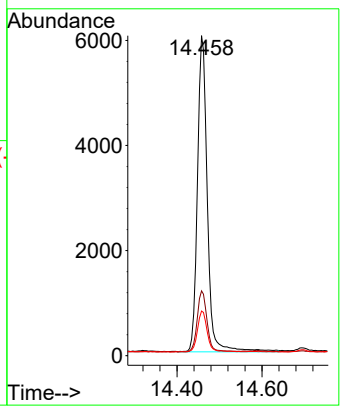


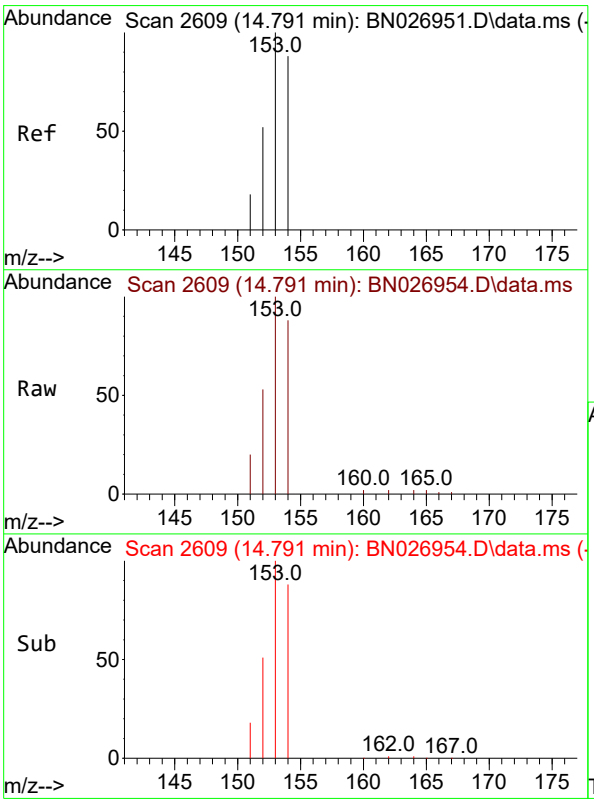
#10
Acenaphthylene
Concen: 0.214 ng/ul
RT: 14.458 min Scan# 2
Delta R.T. -0.005 min
Lab File: BN026954.D
Acq: 18 Aug 2023 11:14

Instrument :
BNA_N
ClientSampleId :
A48H5MS

Tgt Ion:152 Resp: 9687

Ion	Ratio	Lower	Upper
152	100		
151	20.3	15.9	23.9
153	13.9	11.0	16.6

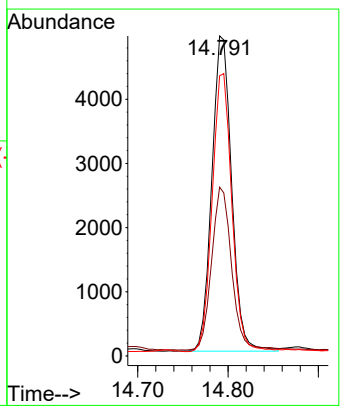


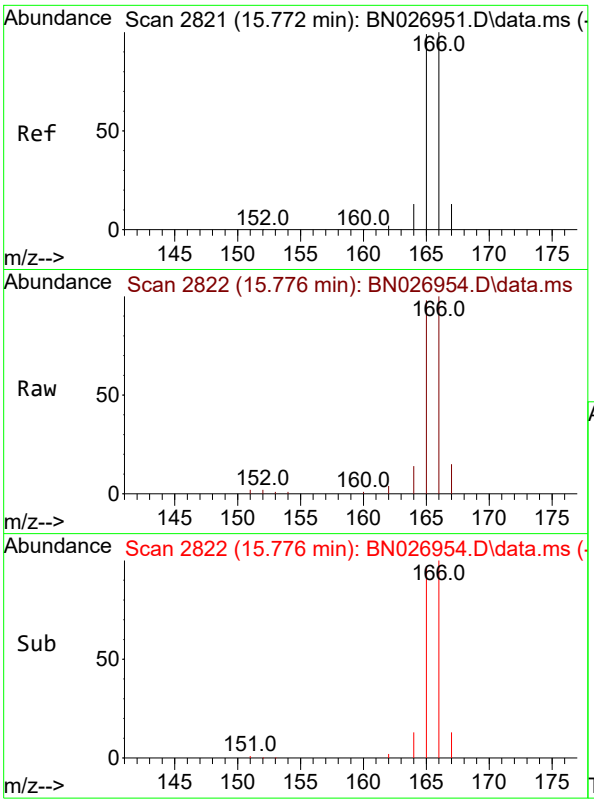


#11
Acenaphthene
Concen: 0.238 ng/ul
RT: 14.791 min Scan# 2609
Delta R.T. -0.009 min
Lab File: BN026954.D
Acq: 18 Aug 2023 11:14

Tgt Ion:153 Resp: 7461

Ion	Ratio	Lower	Upper
153	100		
152	52.7	41.1	61.7
154	87.6	71.6	107.4



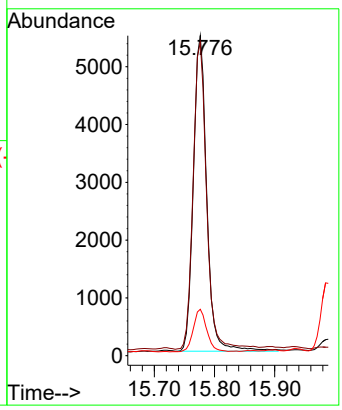


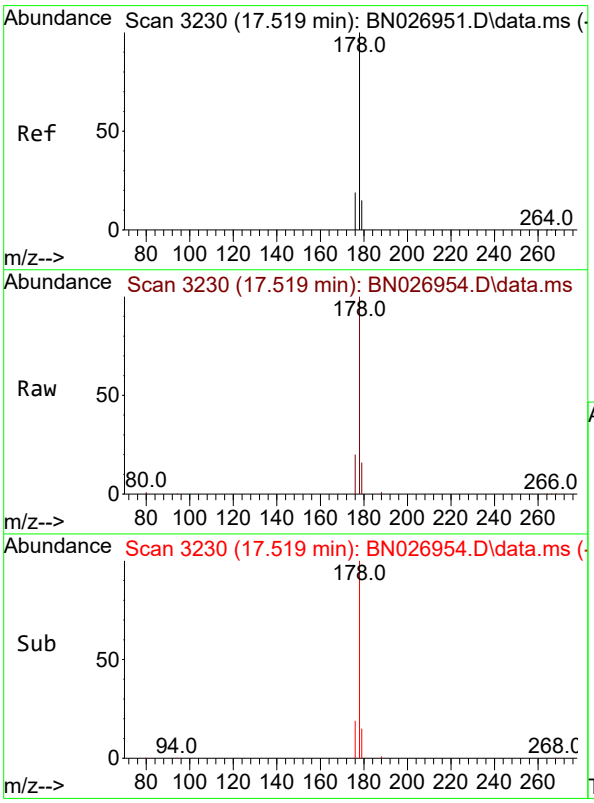
#12
Fluorene
Concen: 0.238 ng/ul
RT: 15.776 min Scan# 2
Delta R.T. -0.005 min
Lab File: BN026954.D
Acq: 18 Aug 2023 11:14

Instrument :
BNA_N
ClientSampleId :
A48H5MS

Tgt Ion:166 Resp: 8449

Ion	Ratio	Lower	Upper
166	100		
165	98.0	79.1	118.7
167	14.5	11.4	17.0

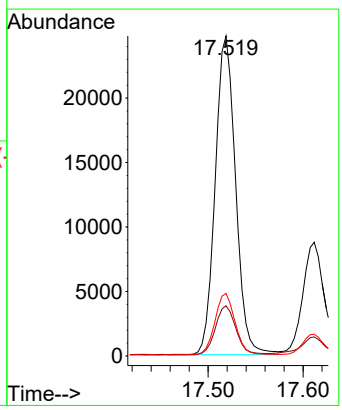


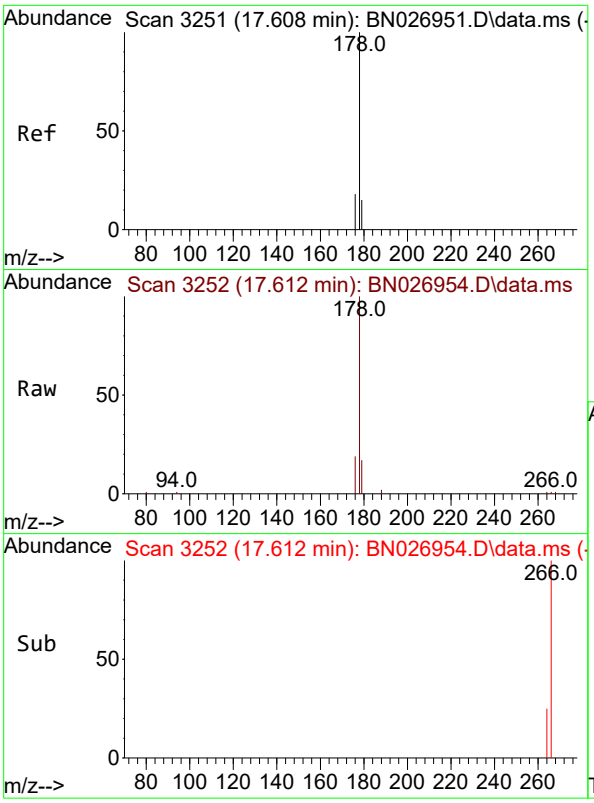


#15
Phenanthrene
Concen: 0.618 ng/ul
RT: 17.519 min Scan# 3230
Delta R.T. -0.004 min
Lab File: BN026954.D
Acq: 18 Aug 2023 11:14

Tgt Ion:178 Resp: 36914

Ion	Ratio	Lower	Upper
178	100		
179	15.7	12.6	18.8
176	19.5	15.4	23.2



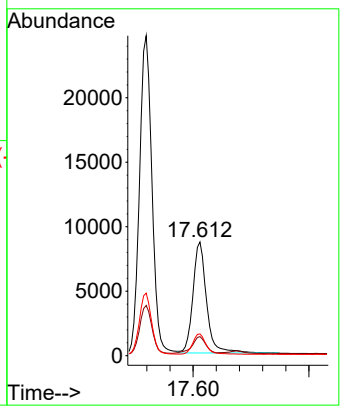


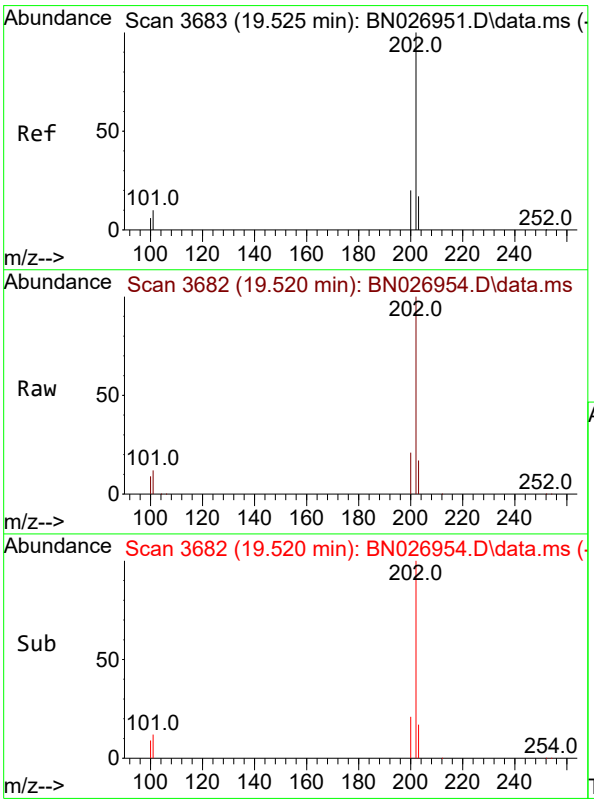
#16
Anthracene
Concen: 0.261 ng/ul
RT: 17.612 min Scan# 3
Delta R.T. -0.004 min
Lab File: BN026954.D
Acq: 18 Aug 2023 11:14

Instrument :
BNA_N
ClientSampleId :
A48H5MS

Tgt Ion:178 Resp: 14080

Ion	Ratio	Lower	Upper
178	100		
179	16.7	12.6	19.0
176	19.1	15.0	22.6

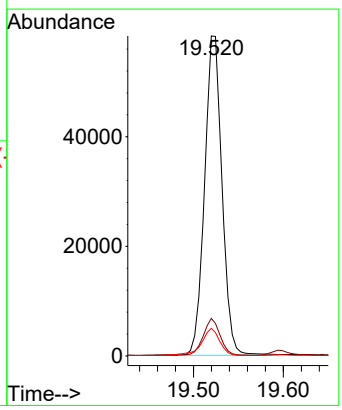


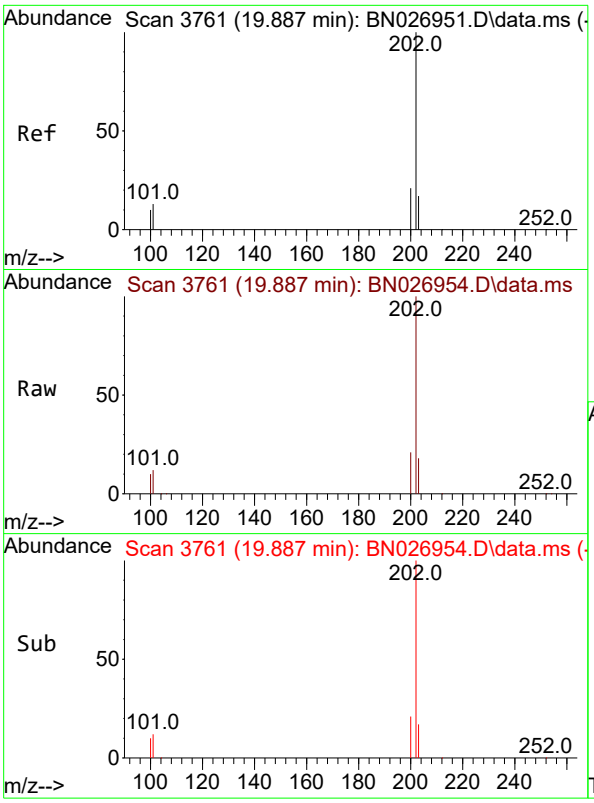


#19
Fluoranthene
Concen: 1.161 ng/ul
RT: 19.520 min Scan# 3682
Delta R.T. -0.009 min
Lab File: BN026954.D
Acq: 18 Aug 2023 11:14

Tgt Ion:202 Resp: 78933

Ion	Ratio	Lower	Upper
202	100		
101	11.8	8.3	12.5
100	8.7	6.2	9.2



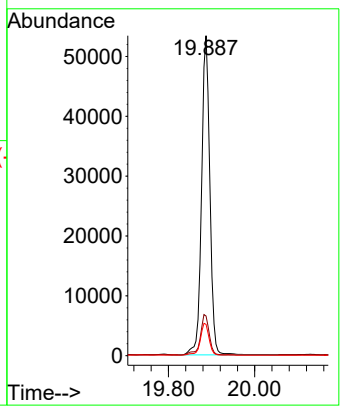


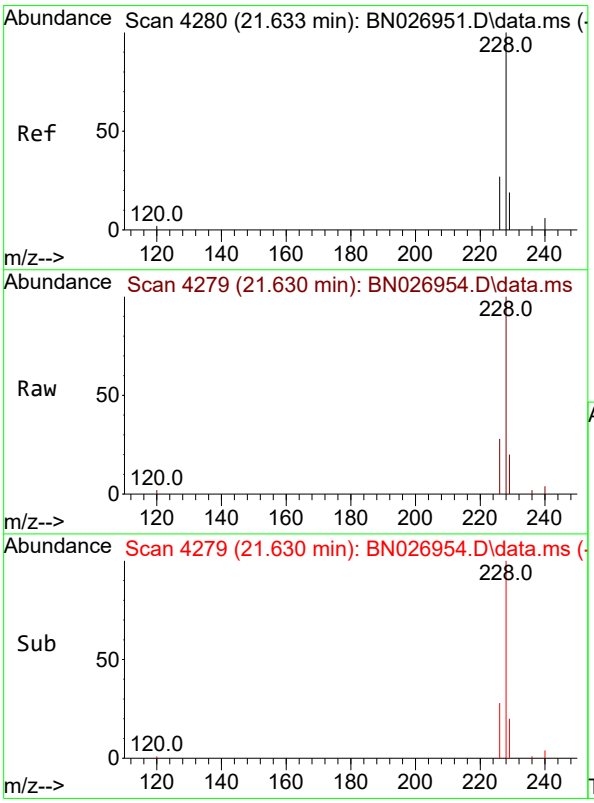
#20
Pyrene
Concen: 0.986 ng/ul
RT: 19.887 min Scan# 3
Delta R.T. -0.009 min
Lab File: BN026954.D
Acq: 18 Aug 2023 11:14

Instrument :
BNA_N
ClientSampleId :
A48H5MS

Tgt Ion:202 Resp: 71497

Ion	Ratio	Lower	Upper
202	100		
101	12.4	10.7	16.1
100	9.8	8.5	12.7

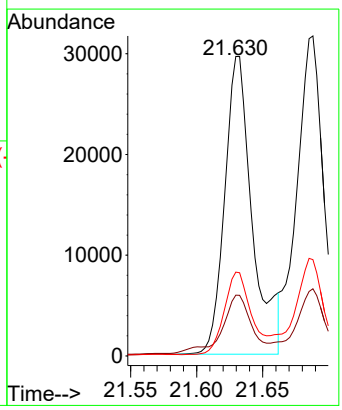


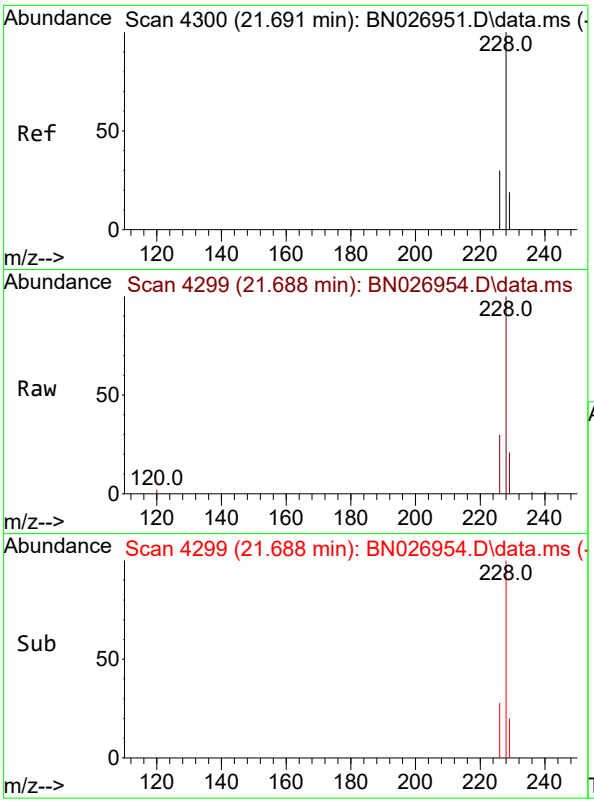


#21
Benzo(a)anthracene
Concen: 0.659 ng/ul
RT: 21.630 min Scan# 4279
Delta R.T. -0.012 min
Lab File: BN026954.D
Acq: 18 Aug 2023 11:14

Tgt Ion:228 Resp: 42931

Ion	Ratio	Lower	Upper
228	100		
229	20.3	16.0	24.0
226	28.0	22.2	33.2



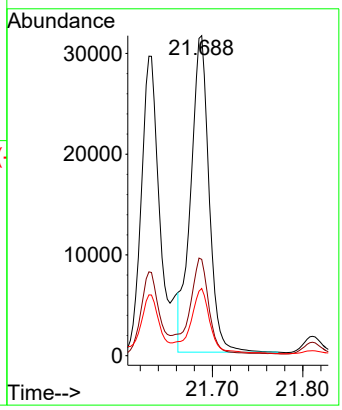


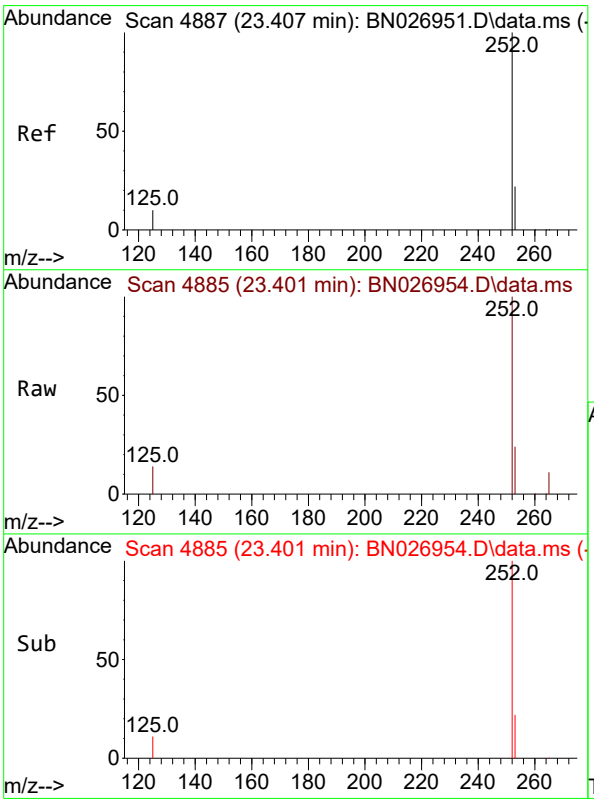
#22
Chrysene
Concen: 0.690 ng/ul
RT: 21.688 min Scan# 4
Delta R.T. -0.012 min
Lab File: BN026954.D
Acq: 18 Aug 2023 11:14

Instrument :
BNA_N
ClientSampleId :
A48H5MS

Tgt Ion:228 Resp: 44314

Ion	Ratio	Lower	Upper
228	100		
226	30.1	24.6	36.8
229	21.0	15.8	23.6

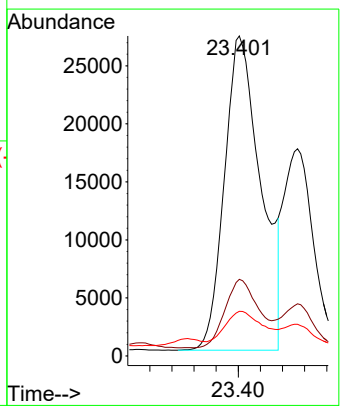


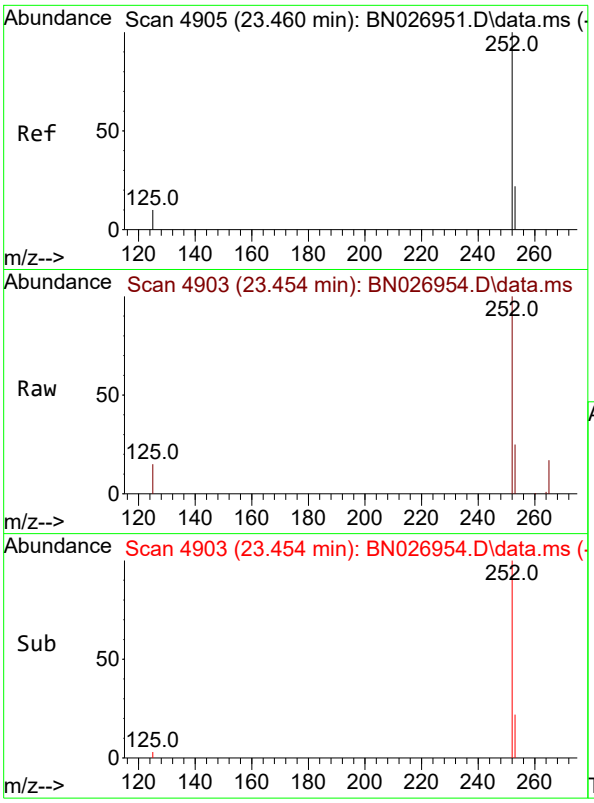


#24
Benzo(b)fluoranthene
Concen: 0.960 ng/ul
RT: 23.401 min Scan# 4885
Delta R.T. -0.020 min
Lab File: BN026954.D
Acq: 18 Aug 2023 11:14

Tgt Ion:252 Resp: 62027

Ion	Ratio	Lower	Upper
252	100		
253	23.9	0.0	46.8
125	14.0	0.0	25.2



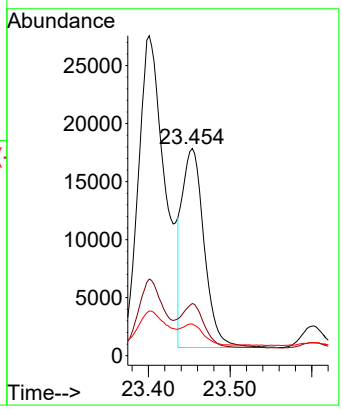


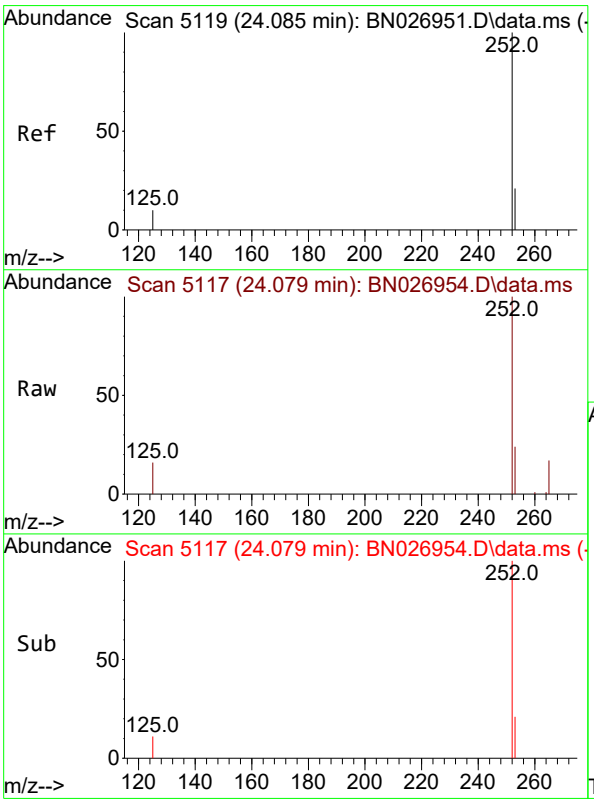
#25
Benzo(k)fluoranthene
Concen: 0.506 ng/ul
RT: 23.454 min Scan# 4
Delta R.T. -0.020 min
Lab File: BN026954.D
Acq: 18 Aug 2023 11:14

Instrument :
BNA_N
ClientSampleId :
A48H5MS

Tgt Ion:252 Resp: 32206

Ion	Ratio	Lower	Upper
252	100		
253	25.2	18.2	27.4
125	15.3	9.9	14.9#

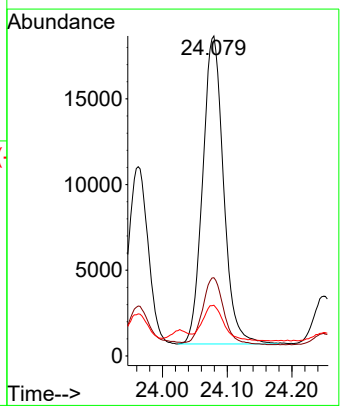


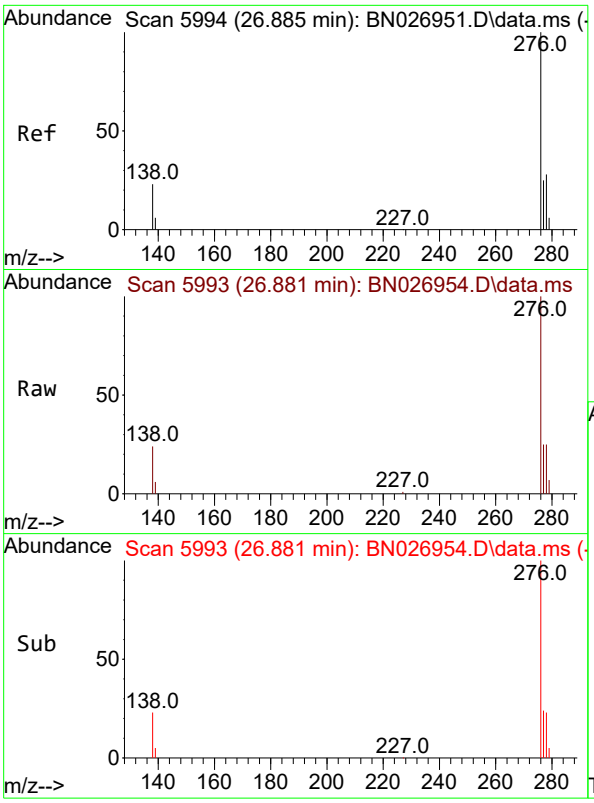


#26
Benzo(a)pyrene
Concen: 0.689 ng/ul
RT: 24.079 min Scan# 5117
Delta R.T. -0.020 min
Lab File: BN026954.D
Acq: 18 Aug 2023 11:14

Tgt Ion:252 Resp: 40145

Ion	Ratio	Lower	Upper
252	100		
253	24.5	19.0	28.6
125	15.8	11.4	17.0



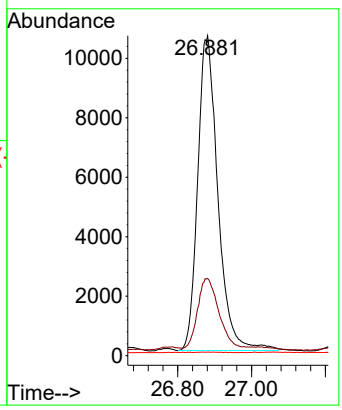


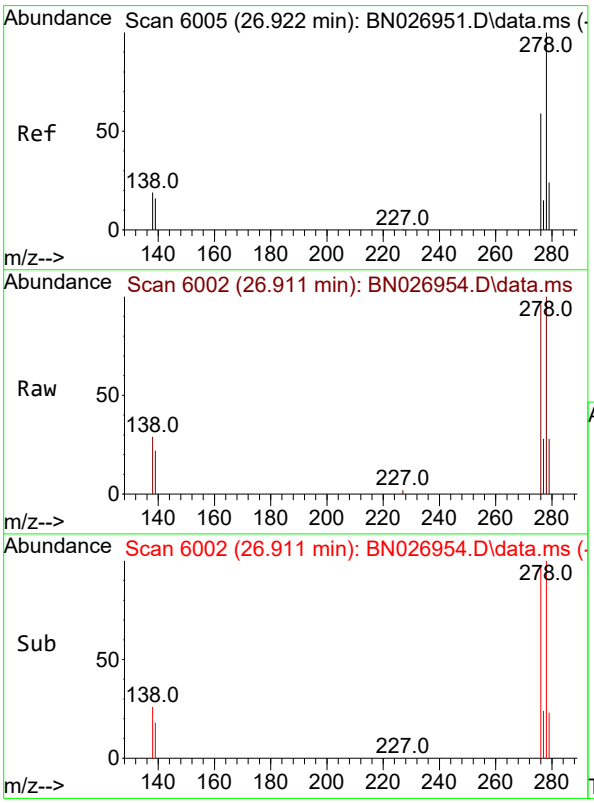
#27
Indeno(1,2,3-cd)pyrene
Concen: 0.528 ng/ul
RT: 26.881 min Scan# 5
Delta R.T. -0.027 min
Lab File: BN026954.D
Acq: 18 Aug 2023 11:14

Instrument :
BNA_N
ClientSampleId :
A48H5MS

Tgt Ion:276 Resp: 40245

Ion	Ratio	Lower	Upper
276	100		
138	24.6	21.6	32.4
227	0.0	0.0	0.0#

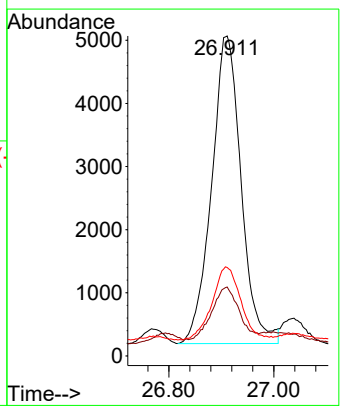


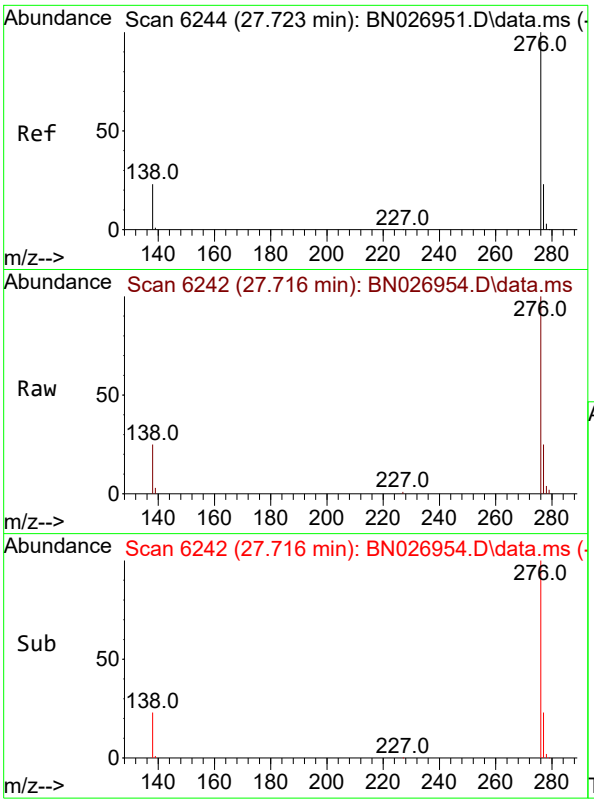


#28
Dibenzo(a,h)anthracene
Concen: 0.313 ng/ul
RT: 26.911 min Scan# 6002
Delta R.T. -0.027 min
Lab File: BN026954.D
Acq: 18 Aug 2023 11:14

Tgt Ion:278 Resp: 19041

Ion	Ratio	Lower	Upper
278	100		
139	21.5	15.7	23.5
279	27.6	20.2	30.4





#29
Benzo(g,h,i)perylene
Concen: 0.599 ng/ul
RT: 27.716 min Scan# 6
Delta R.T. -0.030 min
Lab File: BN026954.D
Acq: 18 Aug 2023 11:14

Instrument :
BNA_N
ClientSampleId :
A48H5MS

Tgt Ion:276 Resp: 38052

Ion	Ratio	Lower	Upper
276	100		
138	24.8	19.3	28.9
277	24.8	19.8	29.8