Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071823\
Data File : BN026564.D
Acq On : 18 Jul 2023 14:53
Operator : MA/JU
Sample : 03458-06
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Jul 19 00:16:56 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 : Wed Jul 19 00:15:47 2023
Response via : Initial Calibration

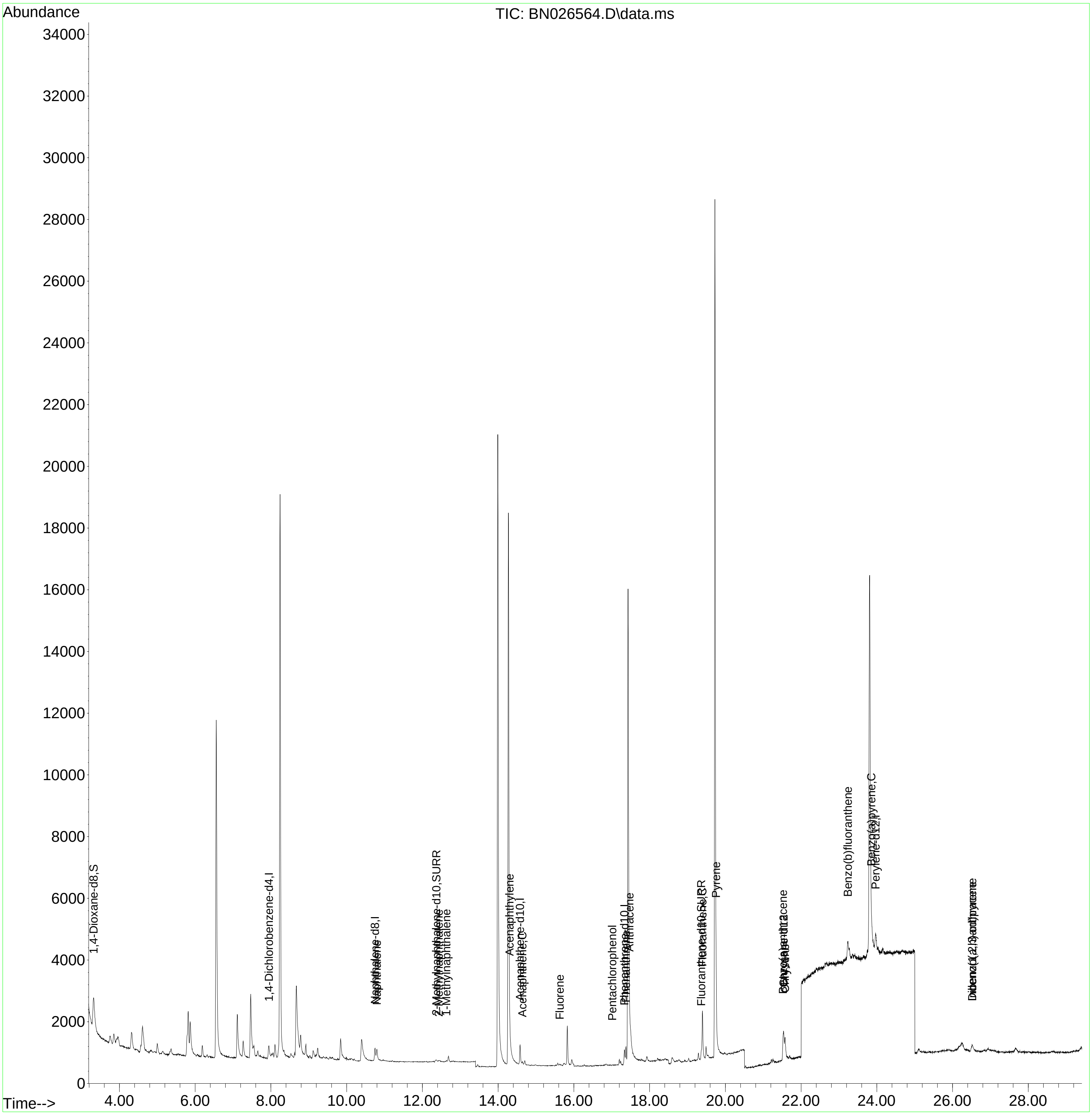
Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) 1,4-Dichlorobenzene-d4	7.946	152	371	0.400 ng/ul	# 0.00
4) Naphthalene-d8	10.748	136	834	0.400 ng/ul	# 0.00
9) Acenaphthene-d10	14.579	164	419	0.400 ng/ul	# 0.00
13) Phenanthrene-d10	17.334	188	796	0.400 ng/ul	# 0.00
17) Chrysene-d12	21.538	240	698	0.400 ng/ul	# 0.00
23) Perylene-d12	23.967	264	923	0.400 ng/ul	# 0.00
System Monitoring Compounds					
3) 1,4-Dioxane-d8	3.318	96	1304	2.669 ng/ul	0.03
6) 2-Methylnaphthalene-d10	12.370	152	189	0.167 ng/ul	0.03
18) Fluoranthene-d10	19.363	212	446	0.184 ng/ul	0.00
Target Compounds					Qvalue
5) Naphthalene	10.798	128	745	0.325 ng/ul#	67
7) 2-Methylnaphthalene	12.431	142	50	0.038 ng/ul#	25
8) 1-Methylnaphthalene	12.634	142	45	0.032 ng/ul	89
10) Acenaphthylene	14.302	152	124	0.060 ng/ul#	1
11) Acenaphthene	14.640	153	60	0.038 ng/ul#	78
12) Fluorene	15.625	166	57	0.035 ng/ul#	63
14) Pentachlorophenol	17.013	266	11	0.055 ng/ul#	34
15) Phenanthrene	17.376	178	772	0.305 ng/ul#	74
16) Anthracene	17.469	178	153	0.070 ng/ul#	24
19) Fluoranthene	19.396	202	1743	0.533 ng/ul#	89
20) Pyrene	19.754	202	2140	0.602 ng/ul#	87
21) Benzo(a)anthracene	21.520	228	1005	0.392 ng/ul#	73
22) Chrysene	21.576	228	847	0.290 ng/ul#	74
24) Benzo(b)fluoranthene	23.236	252	1766	0.491 ng/ul#	10
26) Benzo(a)pyrene	23.856	252	421	0.132 ng/ul#	1
27) Indeno(1,2,3-cd)pyrene	26.517	276	491	0.117 ng/ul#	65
28) Dibenzo(a,h)anthracene	26.517	278	182	0.057 ng/ul#	1

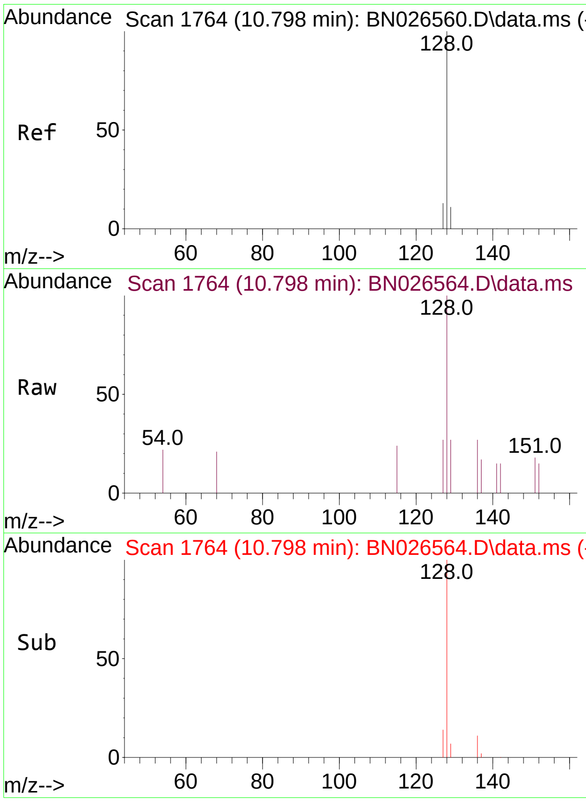
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071823\
Data File : BN026564.D
Acq On   : 18 Jul 2023 14:53
Operator : MA/JU
Sample   : O3458-06
Misc   :
ALS Vial : 6   Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Jul 19 00:16:56 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 : Wed Jul 19 00:15:47 2023
Response via : Initial Calibration



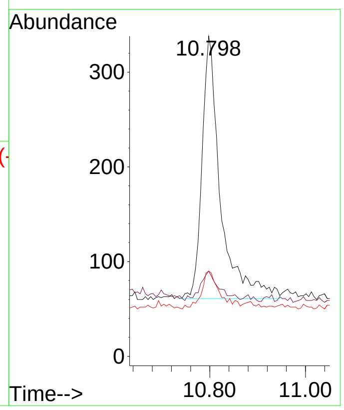


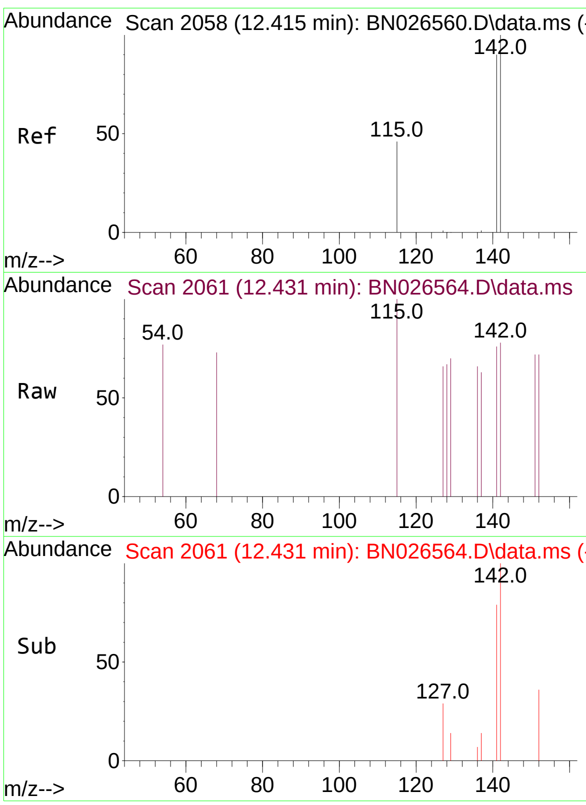
#5
Naphthalene
Concen: 0.325 ng/ul
RT: 10.798 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN026564.D
Acq: 18 Jul 2023 14:53

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:128 Resp: 745

Ion	Ratio	Lower	Upper
128	100		
129	26.6	10.2	15.2#
127	26.6	11.4	17.0#

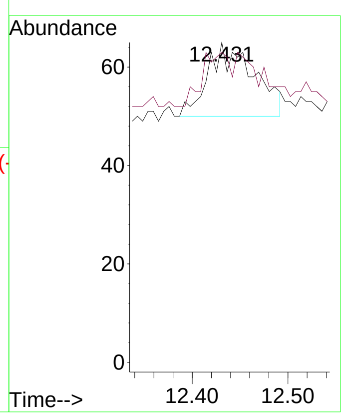


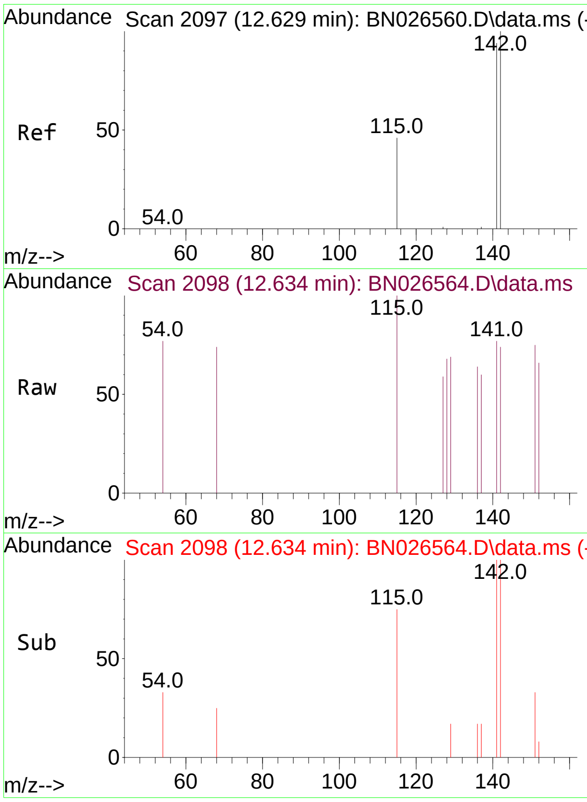


#7
2-Methylnaphthalene
Concen: 0.038 ng/ul
RT: 12.431 min Scan# 2061
Delta R.T. 0.016 min
Lab File: BN026564.D
Acq: 18 Jul 2023 14:53

Tgt Ion:142 Resp: 50

Ion	Ratio	Lower	Upper
142	100		
141	20.0	72.3	108.5#





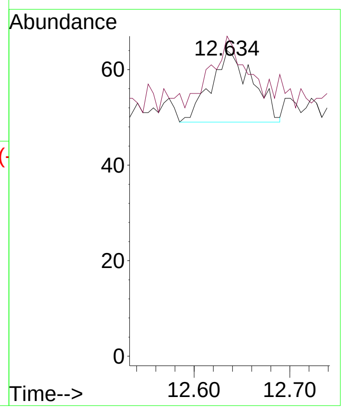
#8
1-Methylnaphthalene
Concen: 0.032 ng/ul
RT: 12.634 min Scan# 2

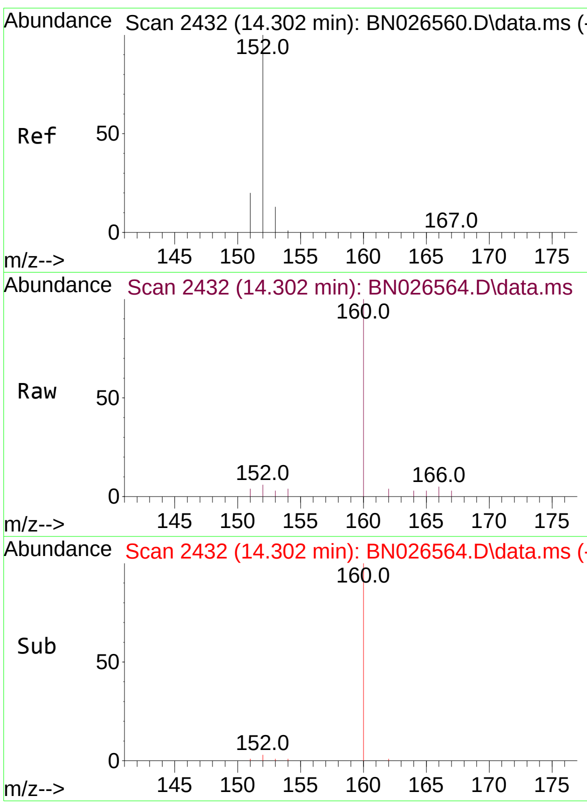
Instrument :
BNA_N
ClientSampleId :

Delta R.T. 0.005 min
Lab File: BN026564.D
Acq: 18 Jul 2023 14:53

Tgt Ion:142 Resp: 45

Ion	Ratio	Lower	Upper
142	100		
141	82.2	74.5	111.7

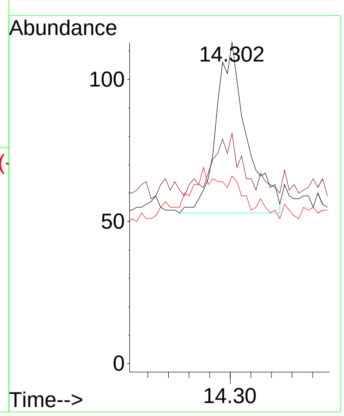


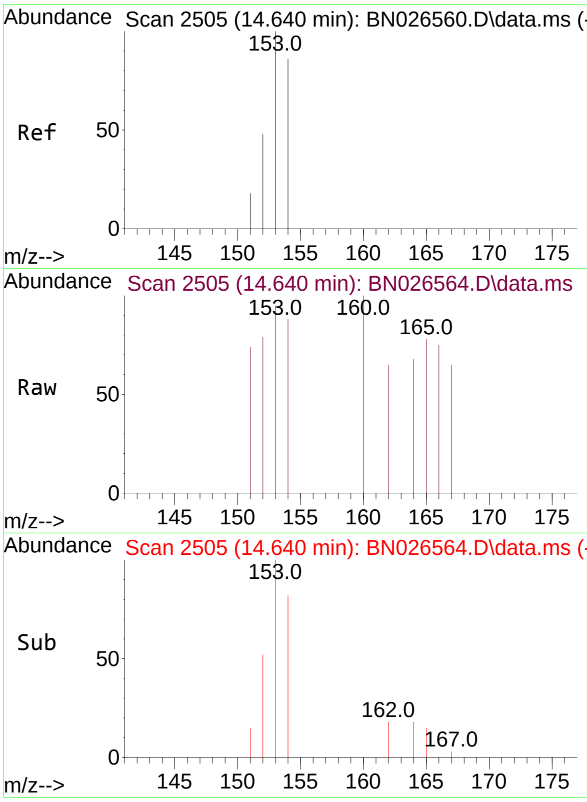


#10
Acenaphthylene
Concen: 0.060 ng/ul
RT: 14.302 min Scan# 2432
Delta R.T. -0.000 min
Lab File: BN026564.D
Acq: 18 Jul 2023 14:53

Tgt Ion:152 Resp: 124

Ion	Ratio	Lower	Upper
152	100		
151	71.7	17.0	25.6#
153	58.4	11.4	17.2#





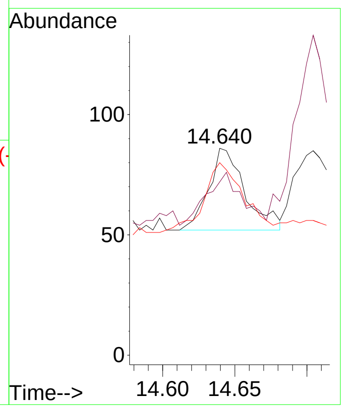
#11
Acenaphthene
Concen: 0.038 ng/ul
RT: 14.640 min   Scan# 2

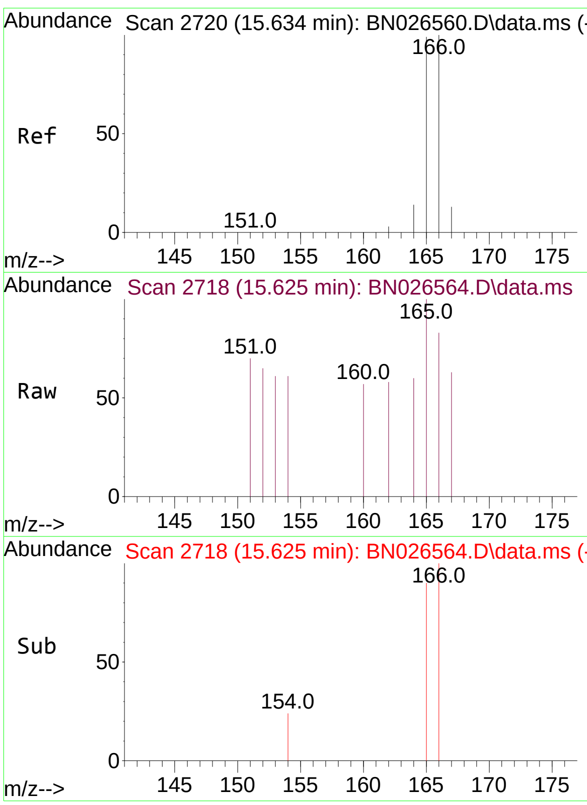
Instrument :
BNA_N
ClientSampleId :

Delta R.T.   -0.000 min
Lab File: BN026564.D
Acq: 18 Jul 2023   14:53

Tgt Ion:153 Resp: 60

Ion	Ratio	Lower	Upper
153	100		
152	83.7	40.2	60.4#
154	93.0	69.3	103.9

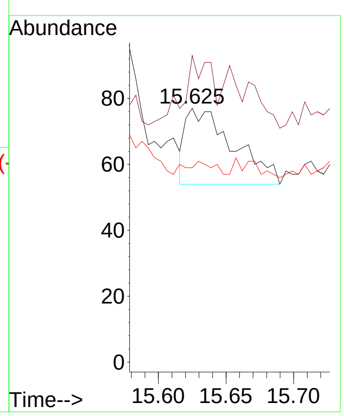


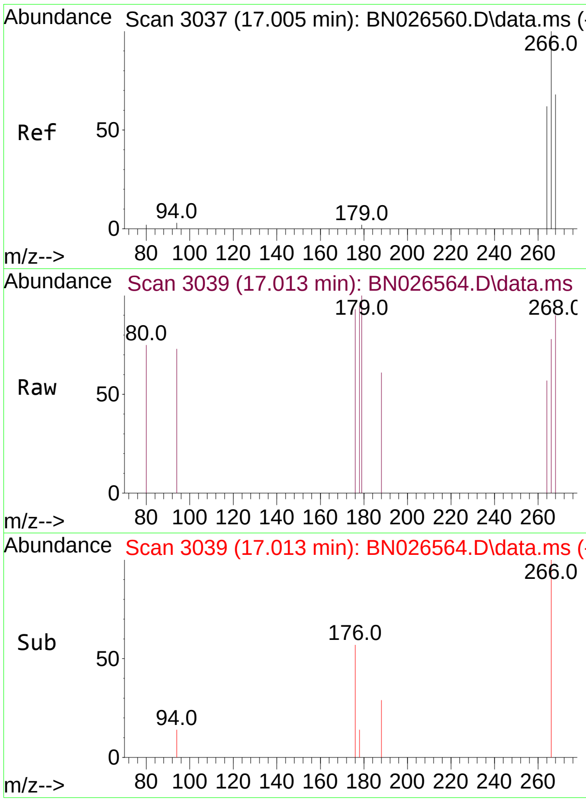


#12
Fluorene
Concen: 0.035 ng/ul
RT: 15.625 min   Scan# 2718
Delta R.T.   -0.009 min
Lab File: BN026564.D
Acq: 18 Jul 2023   14:53

Tgt Ion:166 Resp: 57

Ion	Ratio	Lower	Upper
166	100		
165	120.8	80.6	120.8
167	76.6	12.0	18.0#



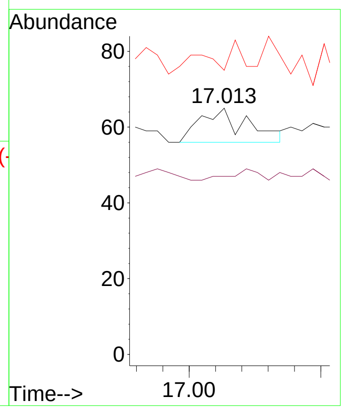


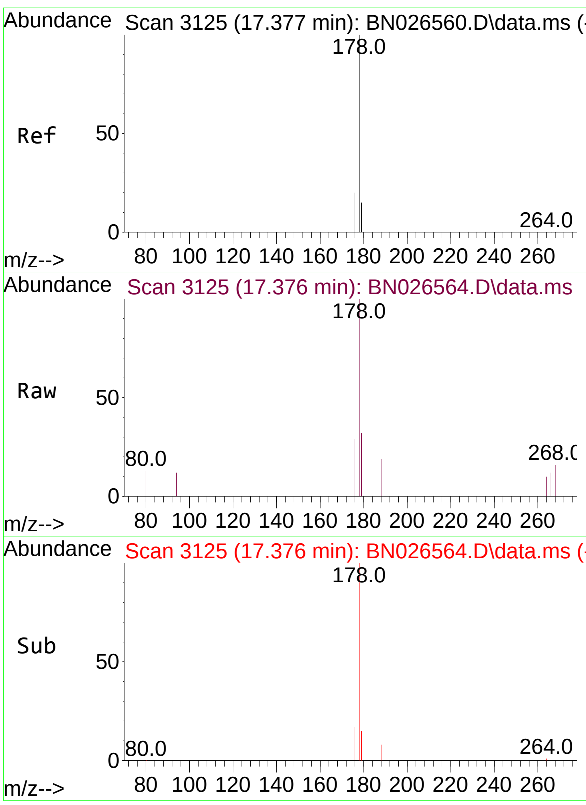
#14
Pentachlorophenol
Concen: 0.055 ng/ul
RT: 17.013 min Scan# 3
Delta R.T. 0.008 min
Lab File: BN026564.D
Acq: 18 Jul 2023 14:53

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:266 Resp: 11

Ion	Ratio	Lower	Upper
266	100		
264	0.0	52.0	78.0#
268	27.3	53.0	79.6#

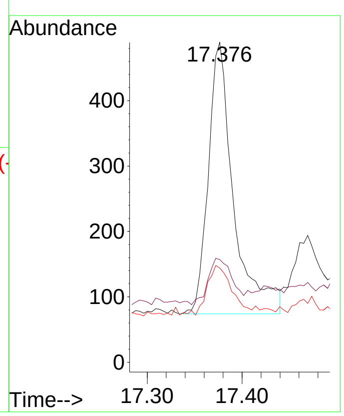


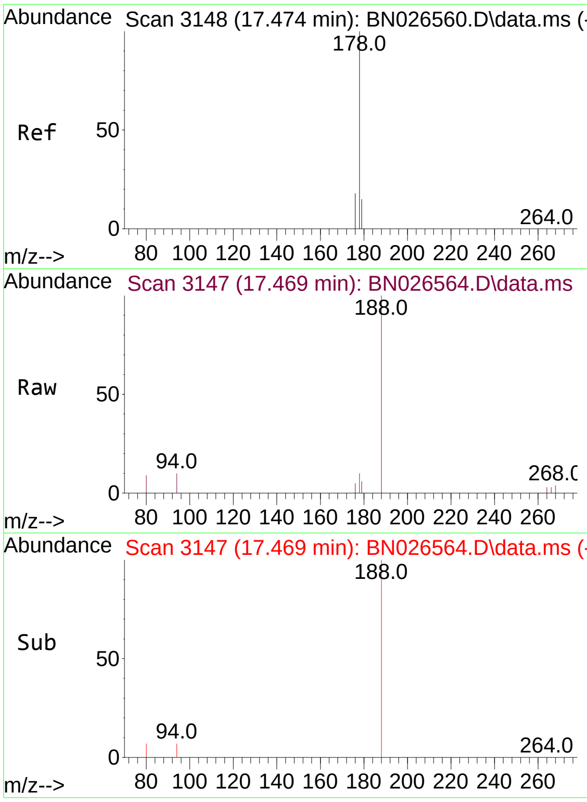


#15
Phenanthrene
Concen: 0.305 ng/ul
RT: 17.376 min Scan# 3125
Delta R.T. -0.000 min
Lab File: BN026564.D
Acq: 18 Jul 2023 14:53

Tgt Ion:178 Resp: 772

Ion	Ratio	Lower	Upper
178	100		
179	32.1	13.7	20.5#
176	29.4	16.5	24.7#



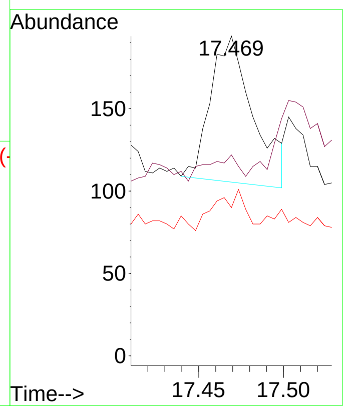


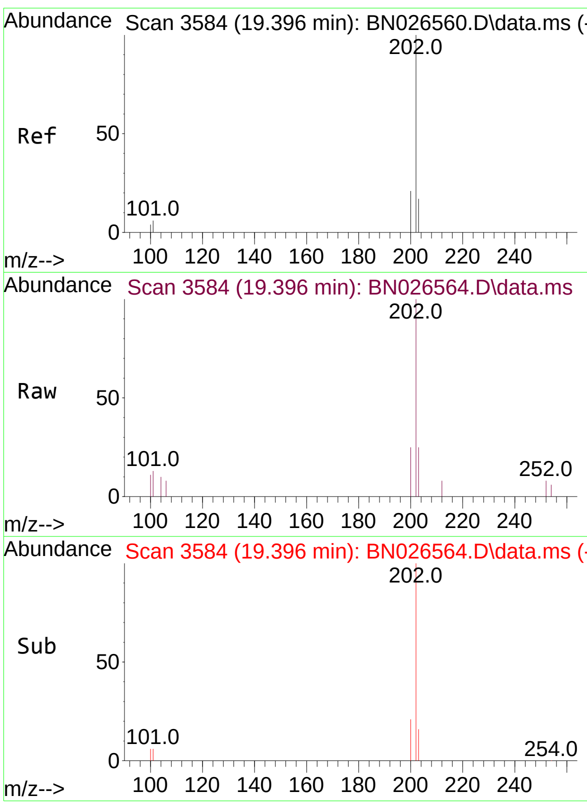
#16
Anthracene
Concen: 0.070 ng/ul
RT: 17.469 min Scan# 3
Delta R.T. -0.004 min
Lab File: BN026564.D
Acq: 18 Jul 2023 14:53

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:178 Resp: 153

Ion	Ratio	Lower	Upper
178	100		
179	62.9	14.8	22.2#
176	46.4	16.6	25.0#

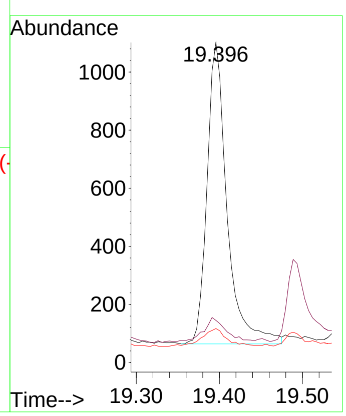


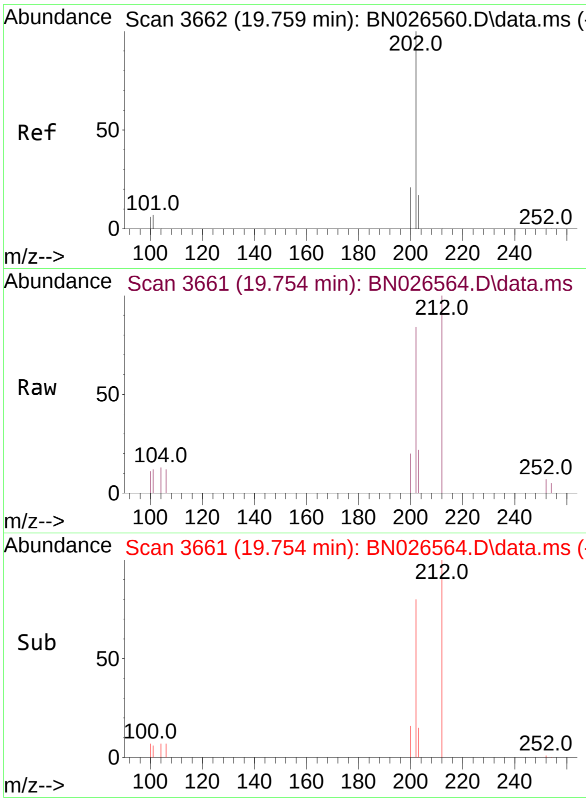


#19
Fluoranthene
Concen: 0.533 ng/ul
RT: 19.396 min Scan# 3584
Delta R.T. -0.000 min
Lab File: BN026564.D
Acq: 18 Jul 2023 14:53

Tgt Ion:202 Resp: 1743

Ion	Ratio	Lower	Upper
202	100		
101	13.2	7.0	10.4#
100	10.6	6.0	9.0#



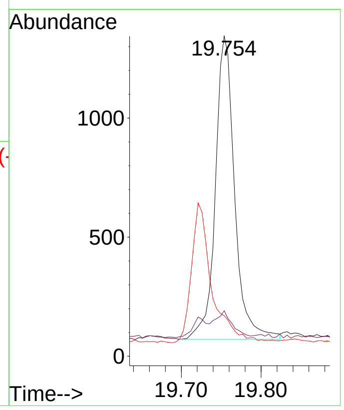


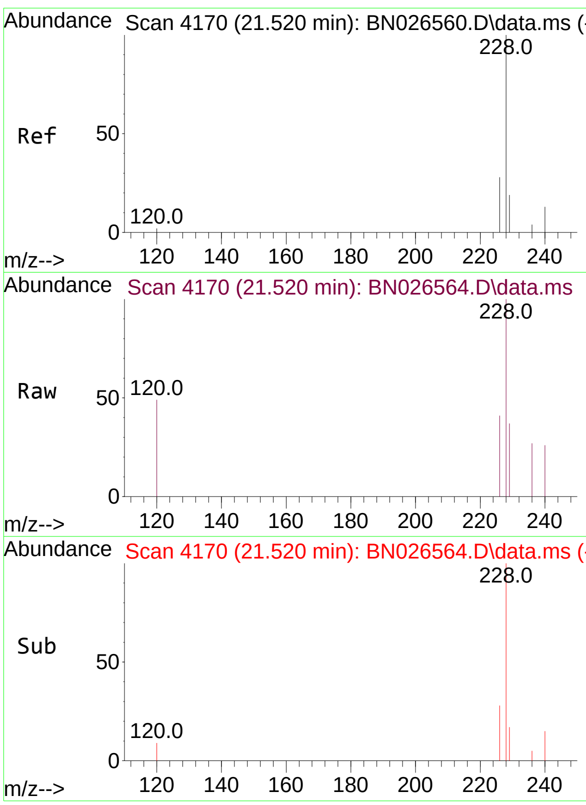
#20
Pyrene
Concen: 0.602 ng/ul
RT: 19.754 min Scan# 3
Delta R.T. -0.005 min
Lab File: BN026564.D
Acq: 18 Jul 2023 14:53

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:202 Resp: 2140

Ion	Ratio	Lower	Upper
202	100		
101	14.2	8.0	12.0#
100	12.6	6.2	9.2#

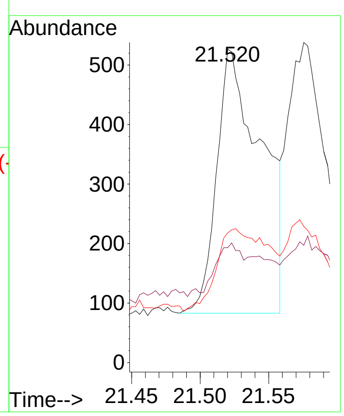


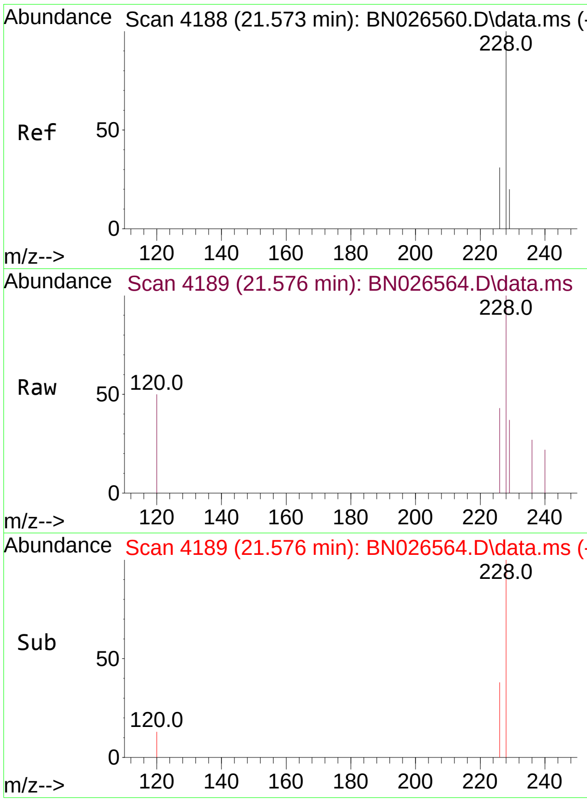


#21
Benzo(a)anthracene
Concen: 0.392 ng/ul
RT: 21.520 min Scan# 4170
Delta R.T. -0.000 min
Lab File: BN026564.D
Acq: 18 Jul 2023 14:53

Tgt Ion:228 Resp: 1005

Ion	Ratio	Lower	Upper
228	100		
229	36.6	16.7	25.1#
226	41.4	23.5	35.3#





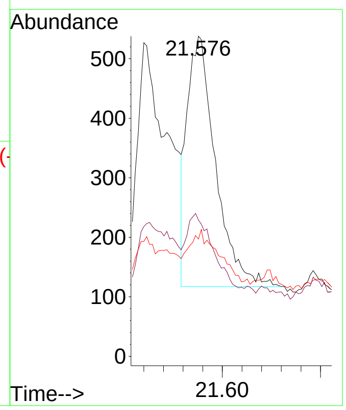
#22
Chrysene
Concen: 0.290 ng/ul
RT: 21.576 min Scan# 4

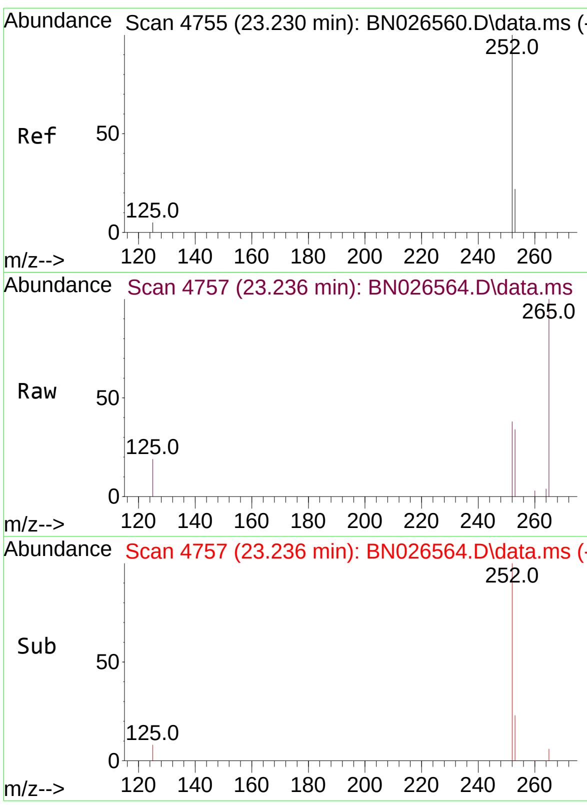
Instrument :
BNA_N
ClientSampleId :

Delta R.T. 0.003 min
Lab File: BN026564.D
Acq: 18 Jul 2023 14:53

Tgt Ion:228 Resp: 847

Ion	Ratio	Lower	Upper
228	100		
226	42.6	25.2	37.8#
229	36.6	16.4	24.6#

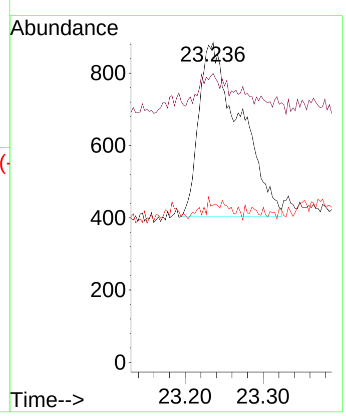


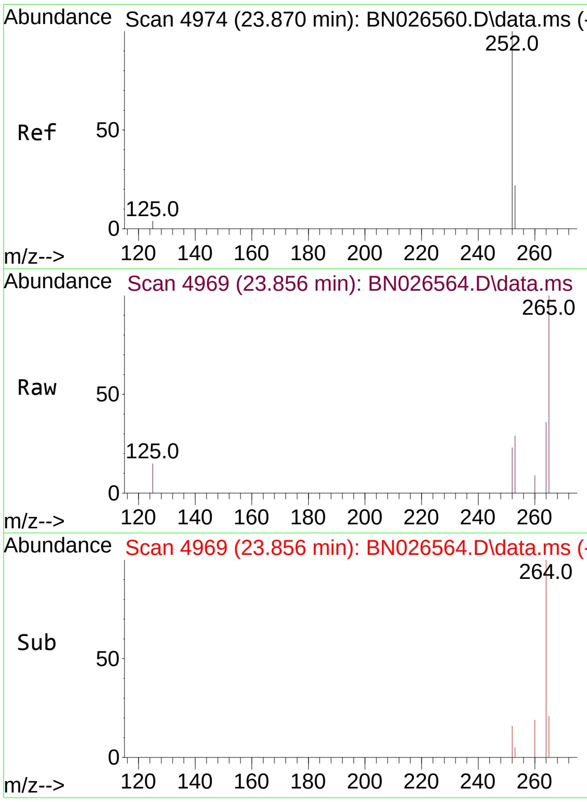


#24
Benzo(b)fluoranthene
Concen: 0.491 ng/ul
RT: 23.236 min Scan# 4757
Delta R.T. 0.006 min
Lab File: BN026564.D
Acq: 18 Jul 2023 14:53

Tgt Ion:252 Resp: 1766

Ion	Ratio	Lower	Upper
252	100		
253	90.3	0.0	68.6#
125	49.2	0.0	34.0#



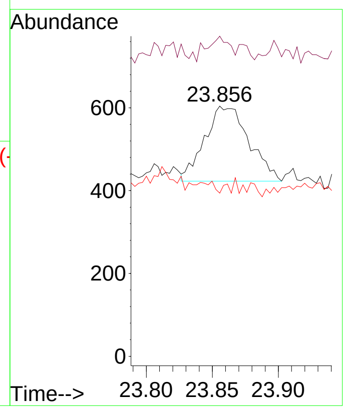


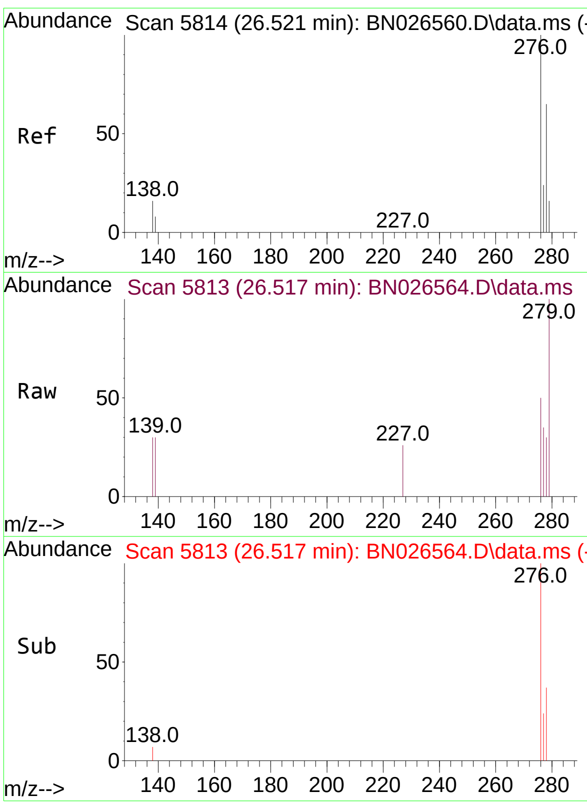
#26
Benzo(a)pyrene
Concen: 0.132 ng/ul
RT: 23.856 min Scan# 4
Delta R.T. -0.015 min
Lab File: BN026564.D
Acq: 18 Jul 2023 14:53

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 421

Ion	Ratio	Lower	Upper
252	100		
253	128.0	32.6	49.0#
125	65.2	19.3	28.9#

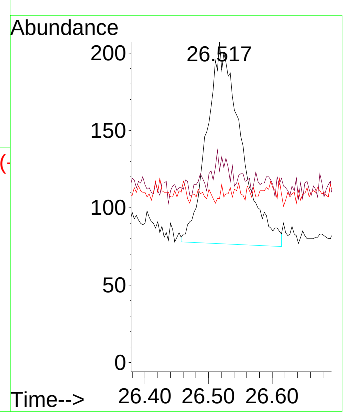


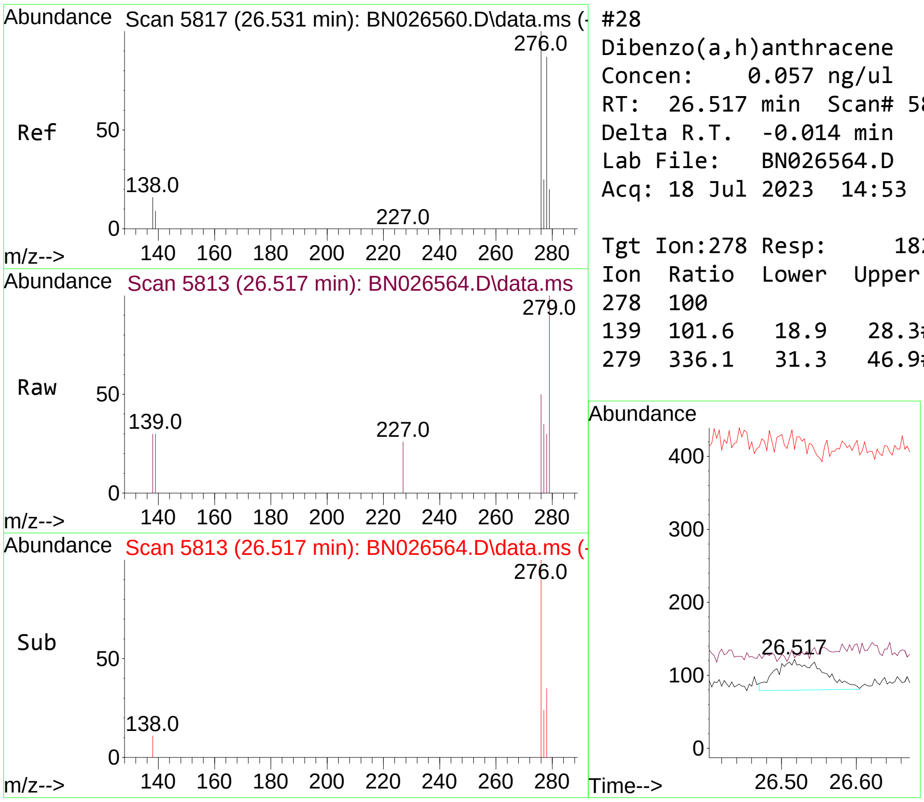


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.117 ng/ul
RT: 26.517 min Scan# 5813
Delta R.T. -0.003 min
Lab File: BN026564.D
Acq: 18 Jul 2023 14:53

Tgt Ion:276 Resp: 491

Ion	Ratio	Lower	Upper
276	100		
138	9.4	22.2	33.4#
227	1.2	0.1	0.1#





#28
Dibenzo(a,h)anthracene
Concen: 0.057 ng/ul
RT: 26.517 min Scan# 58
Delta R.T. -0.014 min
Lab File: BN026564.D
Acq: 18 Jul 2023 14:53

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:278 Resp: 182

Ion	Ratio	Lower	Upper
278	100		
139	101.6	18.9	28.3#
279	336.1	31.3	46.9#