Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071123\
Data File : BN026471.D
Acq On : 11 Jul 2023 20:13
Operator : MA/JU
Sample : 03414-04
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Jul 12 02:13:30 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN062223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Jul 09 15:51:14 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.938	152	548	0.400	ng/ul	# 0.00
4) Naphthalene-d8	10.743	136	1518	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.570	164	637	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.330	188	1024	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.523	240	876	0.400	ng/ul	# 0.00
23) Perylene-d12	23.970	264	750	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.348	96	181	0.293	ng/ul	0.05
6) 2-Methylnaphthalene-d10	12.326	152	9	0.004	ng/ul	0.00
18) Fluoranthene-d10	19.349	212	49	0.015	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.787	128	582	0.134	ng/ul#	43
10) Acenaphthylene	14.297	152	100	0.034	ng/ul#	1
11) Acenaphthene	14.690	153	884	0.362	ng/ul#	1
12) Fluorene	15.630	166	62	0.022	ng/ul#	43
14) Pentachlorophenol	17.001	266	10	0.027	ng/ul#	1
15) Phenanthrene	17.376	178	409	0.121	ng/ul#	15
19) Fluoranthene	19.382	202	503	0.108	ng/ul#	47
20) Pyrene	19.744	202	525	0.108	ng/ul#	46
21) Benzo(a)anthracene	21.511	228	499	0.138	ng/ul#	35
22) Chrysene	21.561	228	452	0.120	ng/ul#	45
24) Benzo(b)fluoranthene	23.224	252	838	0.262	ng/ul#	1
26) Benzo(a)pyrene	23.861	252	563	0.202	ng/ul#	1
27) Indeno(1,2,3-cd)pyrene	26.527	276	707	0.233	ng/ul#	86
28) Dibenzo(a,h)anthracene	26.551	278	120	0.052	ng/ul#	1
29) Benzo(g,h,i)perylene	27.319	276	262	0.097	ng/ul#	1

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

Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071123\
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Acq On : 11 Jul 2023 20:13
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Sample : 03414-04
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_N
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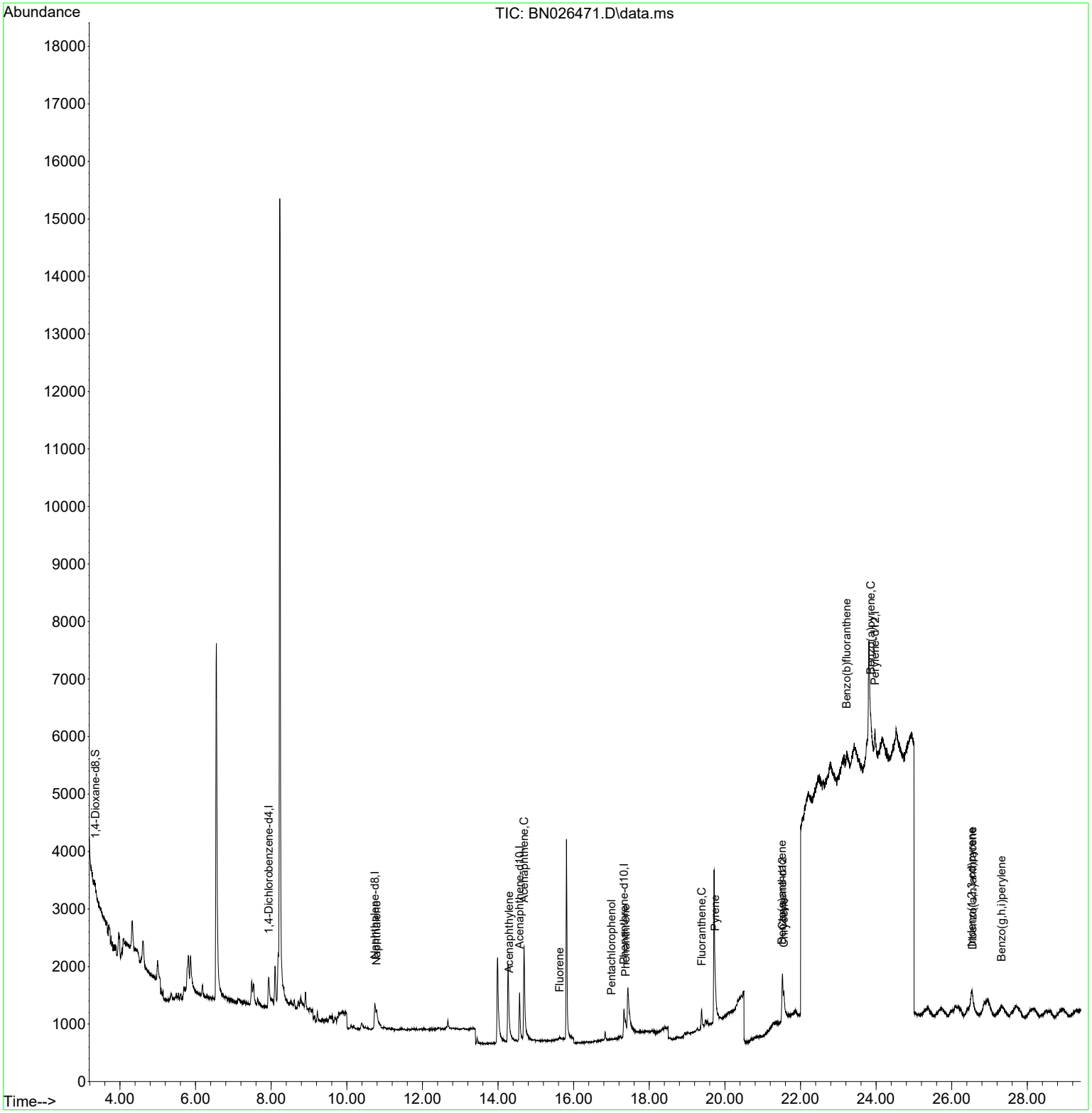
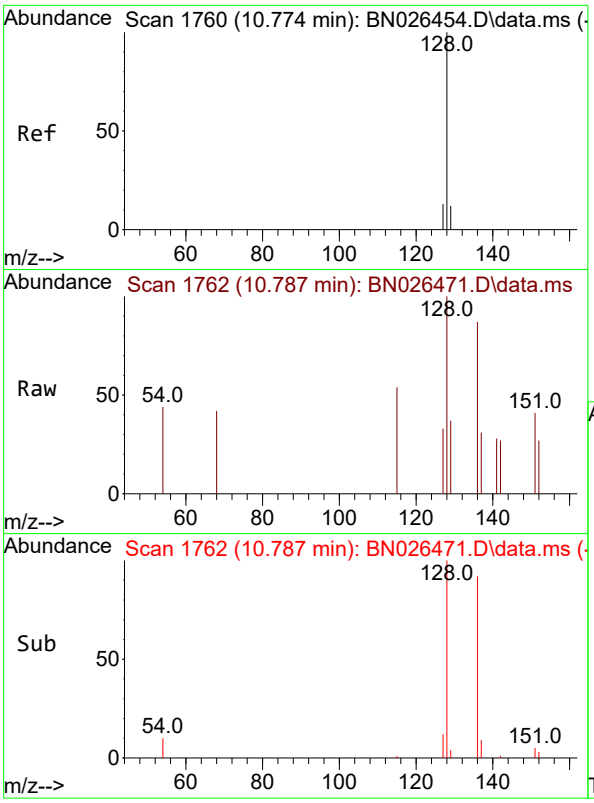
Quant Time: Jul 12 02:13:30 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN062223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Jul 09 15:51:14 2023
Response via : Initial Calibration



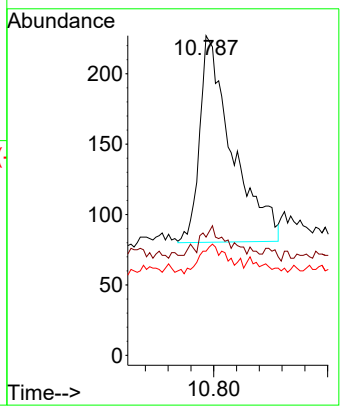


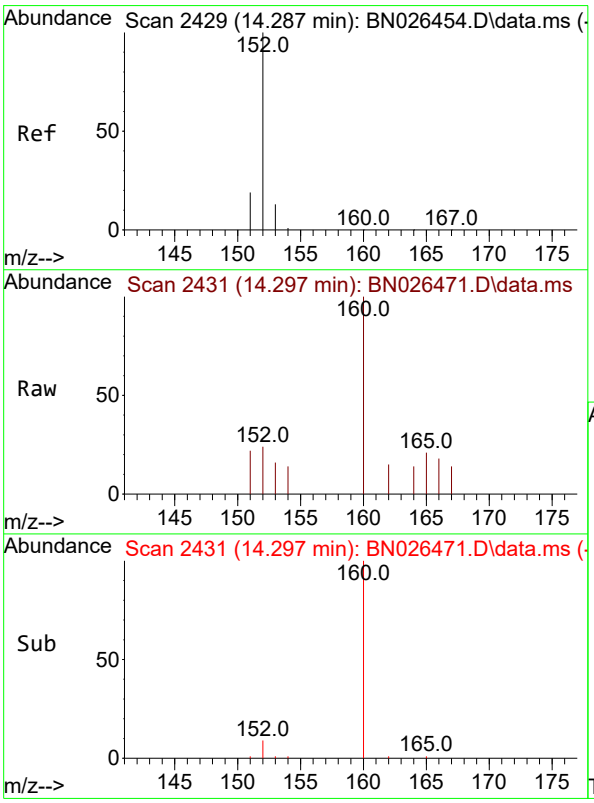
#5
Naphthalene
Concen: 0.134 ng/ul
RT: 10.787 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN026471.D
Acq: 11 Jul 2023 20:13

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:128 Resp: 582

Ion	Ratio	Lower	Upper
128	100		
129	37.0	9.1	13.7#
127	32.6	10.7	16.1#

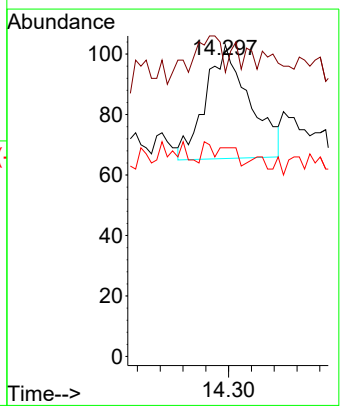


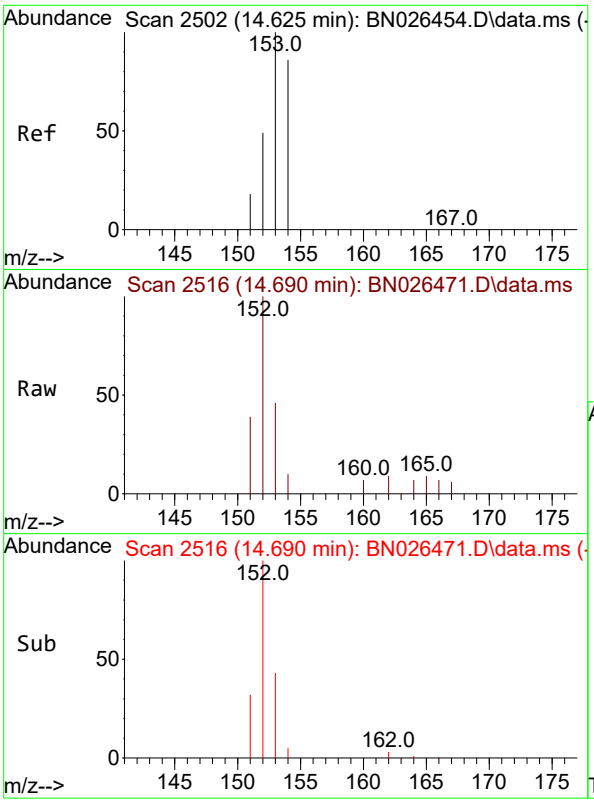


#10
Acenaphthylene
Concen: 0.034 ng/ul
RT: 14.297 min Scan# 2431
Delta R.T. 0.005 min
Lab File: BN026471.D
Acq: 11 Jul 2023 20:13

Tgt Ion:152 Resp: 100

Ion	Ratio	Lower	Upper
152	100		
151	91.3	16.2	24.4#
153	67.0	10.9	16.3#



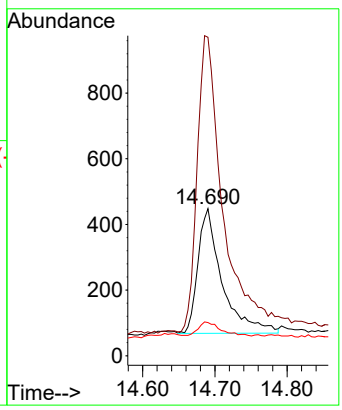


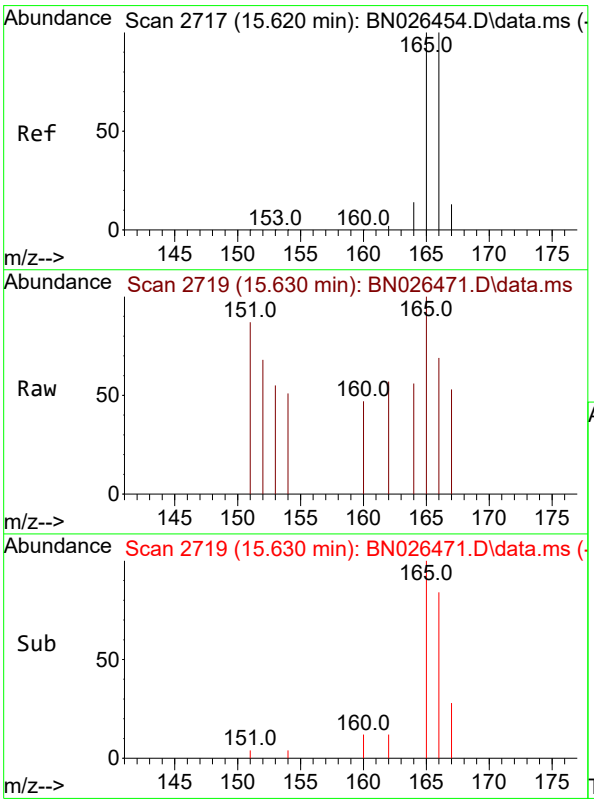
#11
Acenaphthene
Concen: 0.362 ng/ul
RT: 14.690 min Scan# 2
Delta R.T. 0.060 min
Lab File: BN026471.D
Acq: 11 Jul 2023 20:13

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:153 Resp: 884

Ion	Ratio	Lower	Upper
153	100		
152	216.5	39.4	59.0#
154	22.5	68.9	103.3#

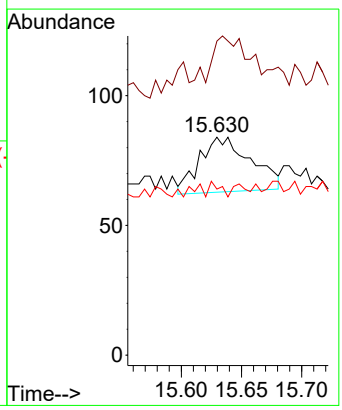


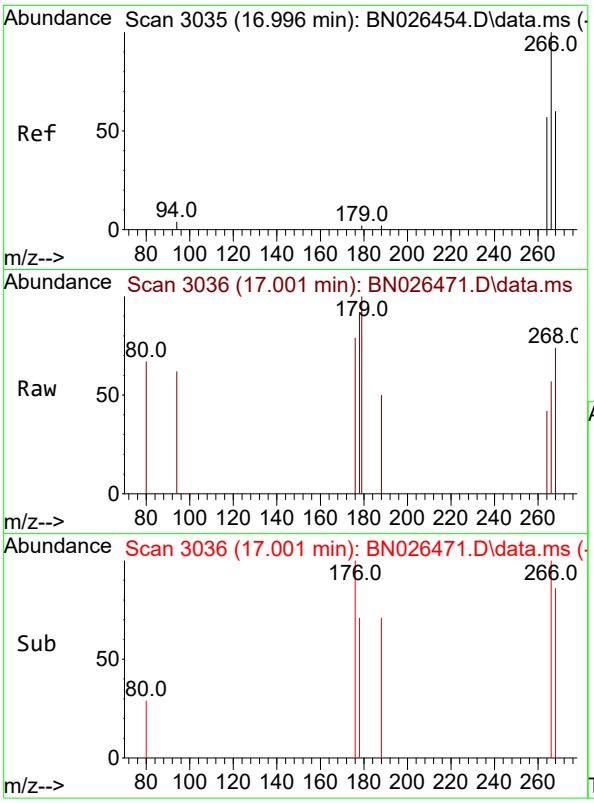


#12
Fluorene
Concen: 0.022 ng/ul
RT: 15.630 min Scan# 2719
Delta R.T. 0.005 min
Lab File: BN026471.D
Acq: 11 Jul 2023 20:13

Tgt Ion:166 Resp: 62

Ion	Ratio	Lower	Upper
166	100		
165	144.0	79.9	119.9#
167	76.2	10.8	16.2#



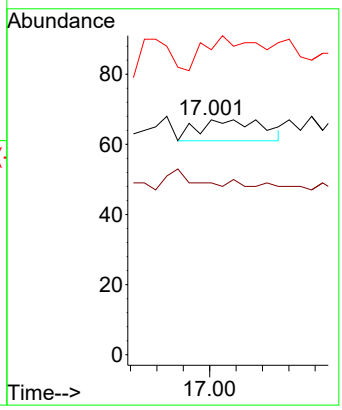


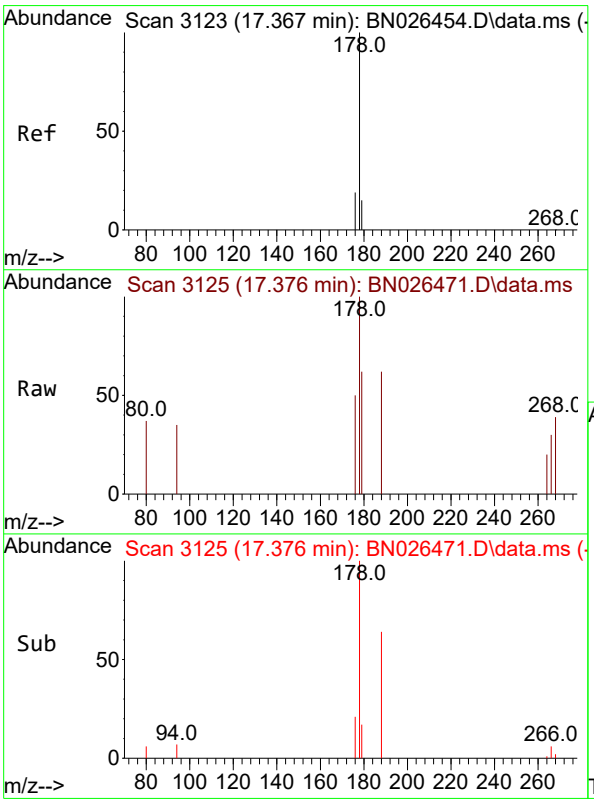
#14
Pentachlorophenol
Concen: 0.027 ng/ul
RT: 17.001 min Scan# 3
Delta R.T. 0.004 min
Lab File: BN026471.D
Acq: 11 Jul 2023 20:13

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:266 Resp: 10

Ion	Ratio	Lower	Upper
266	100		
264	0.0	50.5	75.7#
268	200.0	51.6	77.4#

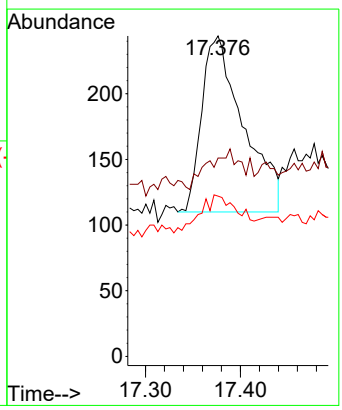


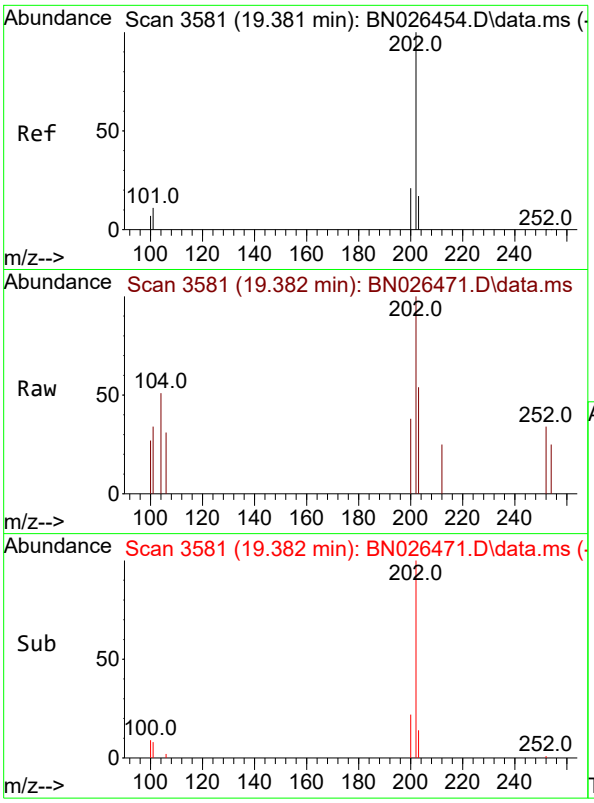


#15
Phenanthrene
Concen: 0.121 ng/ul
RT: 17.376 min Scan# 3125
Delta R.T. 0.008 min
Lab File: BN026471.D
Acq: 11 Jul 2023 20:13

Tgt Ion:178 Resp: 409

Ion	Ratio	Lower	Upper
178	100		
179	61.9	12.6	19.0#
176	50.0	15.8	23.6#



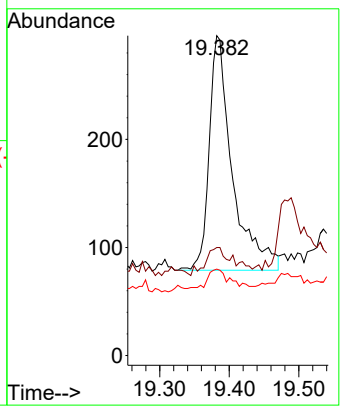


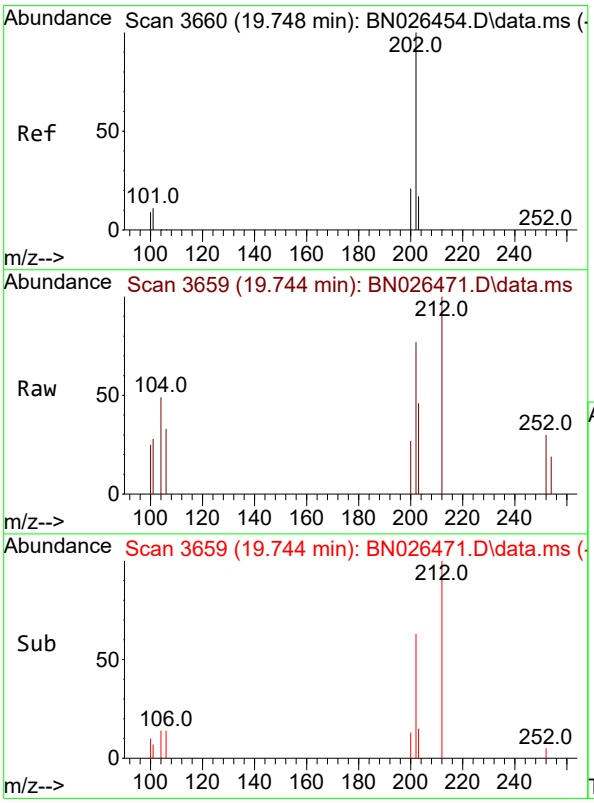
#19
Fluoranthene
Concen: 0.108 ng/ul
RT: 19.382 min Scan# 3
Delta R.T. -0.005 min
Lab File: BN026471.D
Acq: 11 Jul 2023 20:13

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:202 Resp: 503

Ion	Ratio	Lower	Upper
202	100		
101	33.8	9.5	14.3#
100	27.0	7.3	10.9#

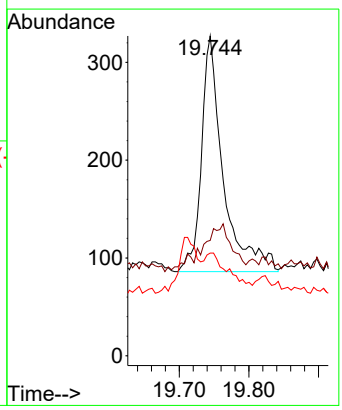


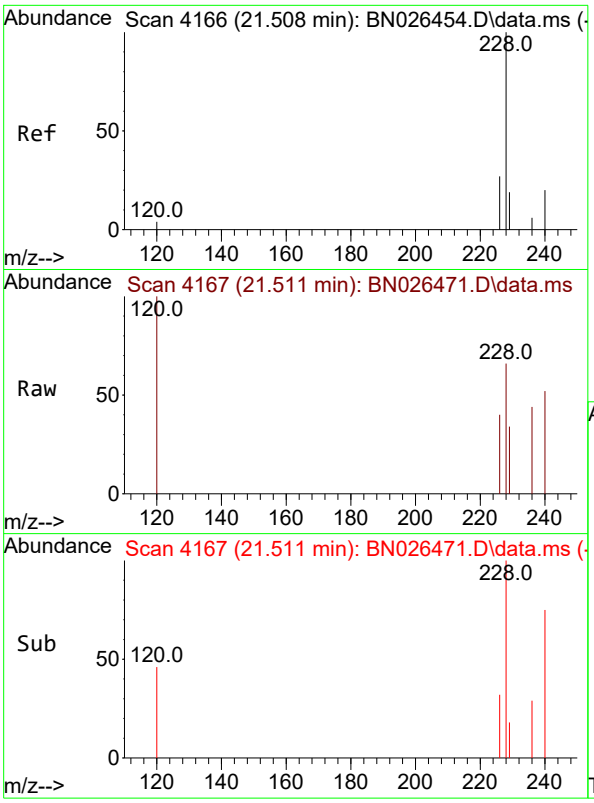


#20
Pyrene
Concen: 0.108 ng/ul
RT: 19.744 min Scan# 3659
Delta R.T. -0.005 min
Lab File: BN026471.D
Acq: 11 Jul 2023 20:13

Tgt Ion:202 Resp: 525

Ion	Ratio	Lower	Upper
202	100		
101	36.1	11.4	17.0#
100	32.1	9.1	13.7#



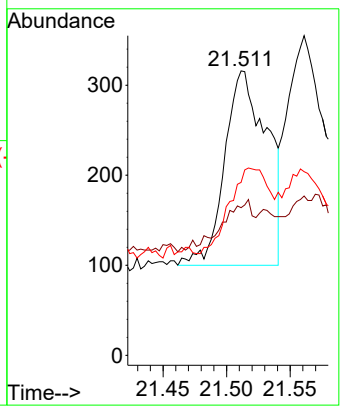


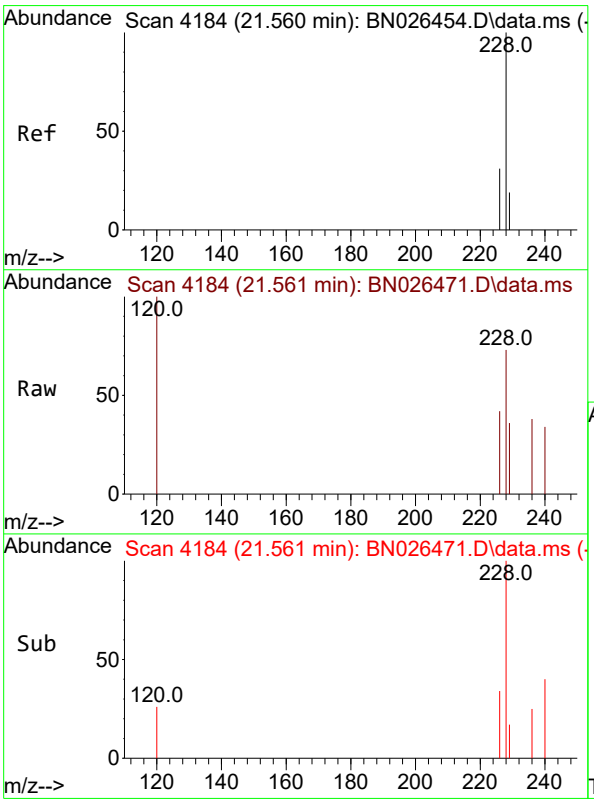
#21
Benzo(a)anthracene
Concen: 0.138 ng/ul
RT: 21.511 min Scan# 4
Delta R.T. 0.012 min
Lab File: BN026471.D
Acq: 11 Jul 2023 20:13

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:228 Resp: 499

Ion	Ratio	Lower	Upper
228	100		
229	51.9	15.8	23.6#
226	60.8	22.5	33.7#

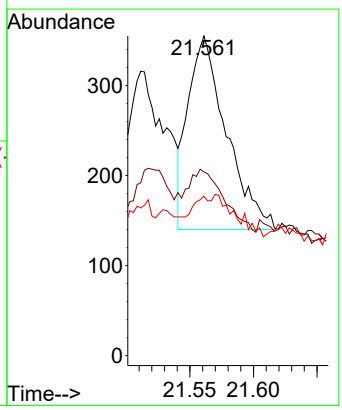


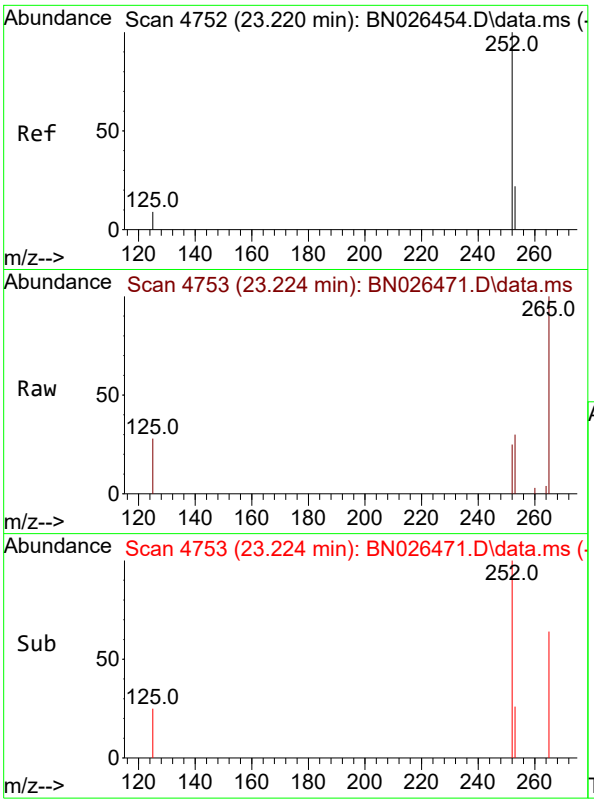


#22
Chrysene
Concen: 0.120 ng/ul
RT: 21.561 min Scan# 4184
Delta R.T. 0.009 min
Lab File: BN026471.D
Acq: 11 Jul 2023 20:13

Tgt Ion:228 Resp: 452

Ion	Ratio	Lower	Upper
228	100		
226	57.5	24.8	37.2#
229	49.9	15.7	23.5#



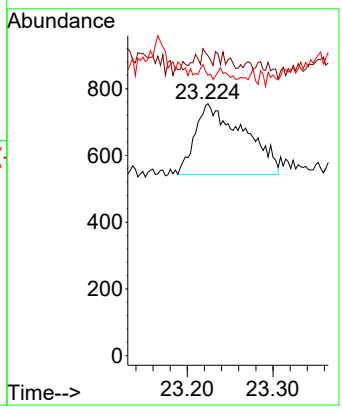


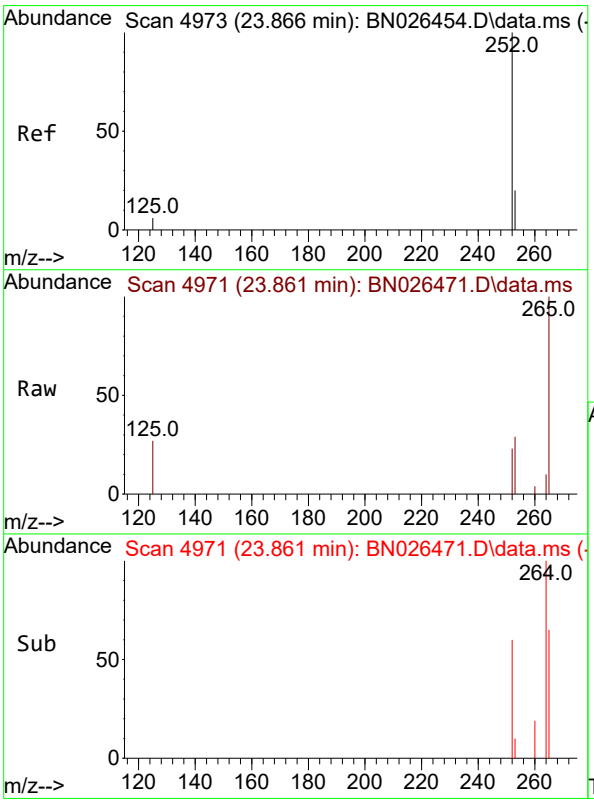
#24
Benzo(b)fluoranthene
Concen: 0.262 ng/ul
RT: 23.224 min Scan# 4
Delta R.T. 0.006 min
Lab File: BN026471.D
Acq: 11 Jul 2023 20:13

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 838

Ion	Ratio	Lower	Upper
252	100		
253	119.1	0.0	55.6#
125	111.3	0.0	35.8#

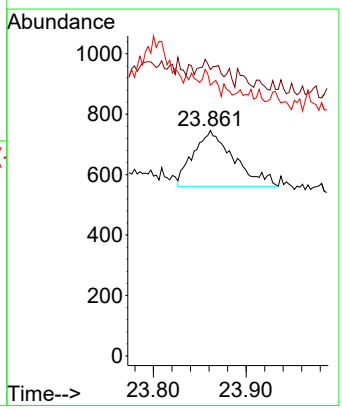


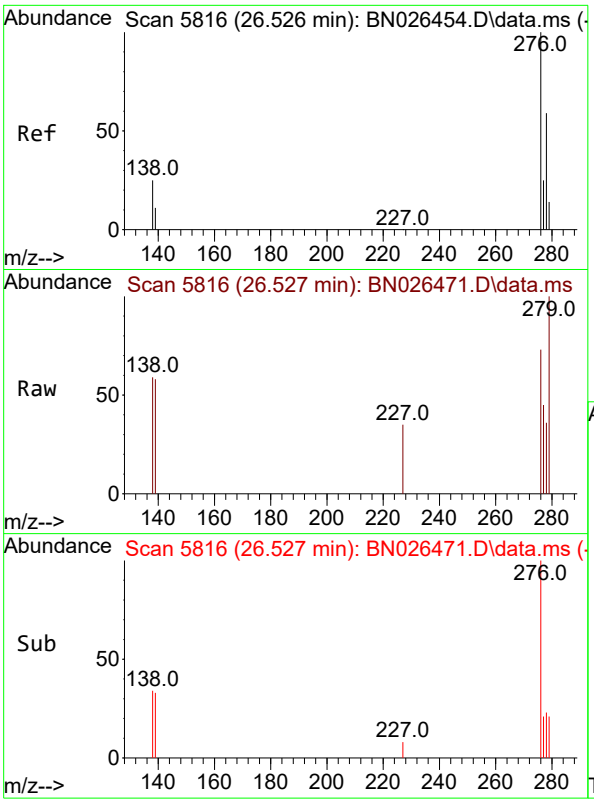


#26
Benzo(a)pyrene
Concen: 0.202 ng/ul
RT: 23.861 min Scan# 4971
Delta R.T. -0.009 min
Lab File: BN026471.D
Acq: 11 Jul 2023 20:13

Tgt Ion:252 Resp: 563

Ion	Ratio	Lower	Upper
252	100		
253	127.1	26.0	39.0#
125	120.1	17.3	25.9#



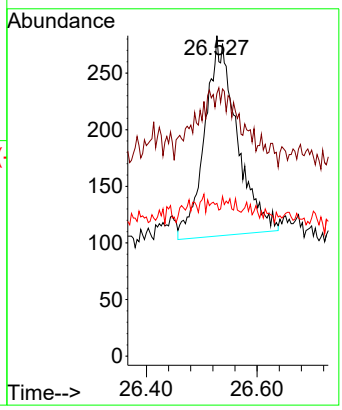


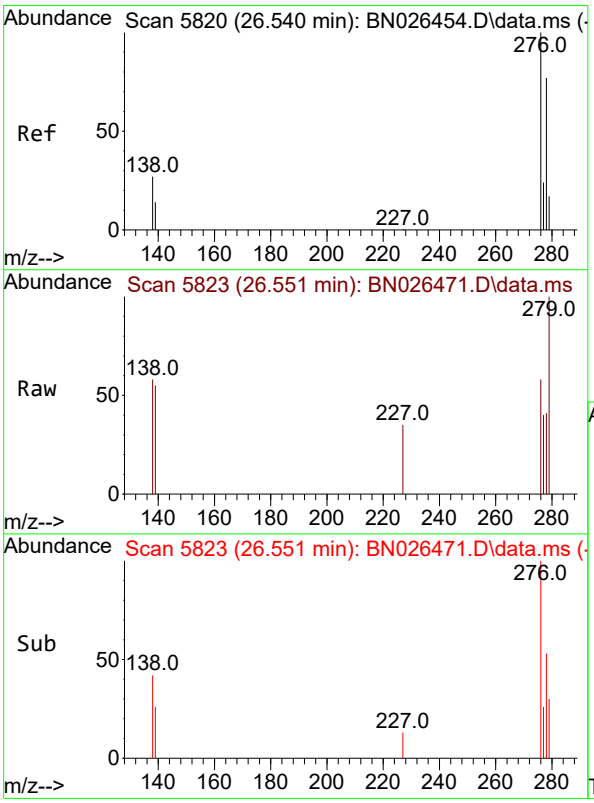
#27
Indeno(1,2,3-cd)pyrene
Concen: 0.233 ng/ul
RT: 26.527 min Scan# 5
Delta R.T. -0.013 min
Lab File: BN026471.D
Acq: 11 Jul 2023 20:13

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 707

Ion	Ratio	Lower	Upper
276	100		
138	22.8	24.5	36.7#
227	4.1	0.0	0.0#

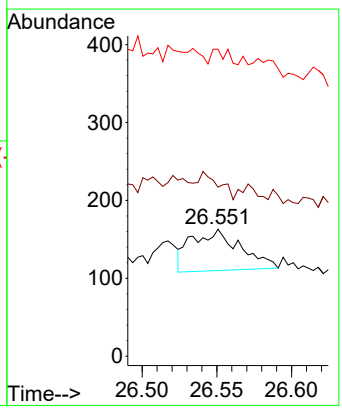


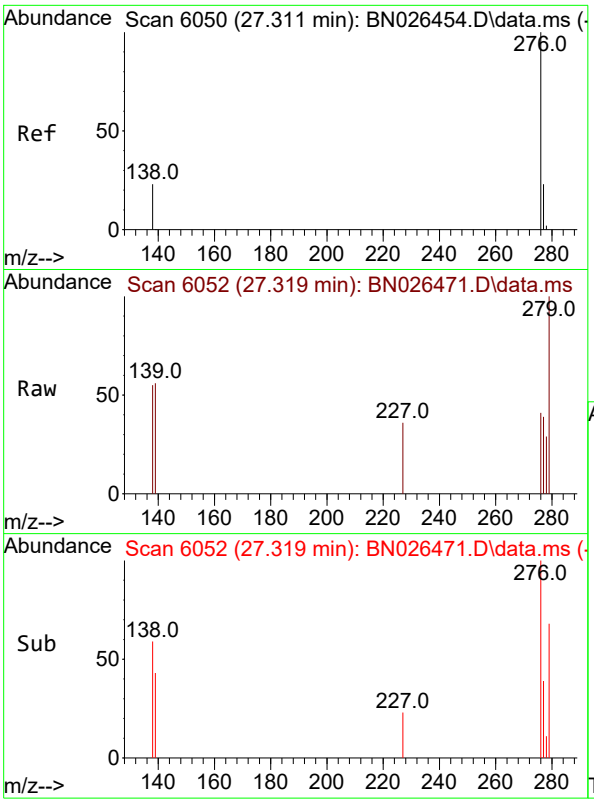


#28
Dibenzo(a,h)anthracene
Concen: 0.052 ng/ul
RT: 26.551 min Scan# 5823
Delta R.T. -0.010 min
Lab File: BN026471.D
Acq: 11 Jul 2023 20:13

Tgt Ion:278 Resp: 120

Ion	Ratio	Lower	Upper
278	100		
139	133.1	19.0	28.4#
279	241.7	26.7	40.1#





#29
Benzo(g,h,i)perylene
Concen: 0.097 ng/ul
RT: 27.319 min Scan# 6
Delta R.T. -0.017 min
Lab File: BN026471.D
Acq: 11 Jul 2023 20:13

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 262

Ion	Ratio	Lower	Upper
276	100		
138	132.7	23.4	35.0#
277	94.1	20.0	30.0#