Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032361.D
Acq On : 01 Jul 2024 14:00
Operator : MA/JU
Sample : P2871-21DL 10X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4DN7DL

Quant Time: Jul 01 14:26:01 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 27 13:23:38 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.611	152	6453	0.400	ng/ul	0.00
4) Naphthalene-d8	10.387	136	19424	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.258	164	10613	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.016	188	18742	0.400	ng/ul	0.00
17) Chrysene-d12	21.220	240	16259	0.400	ng/ul	0.00
23) Perylene-d12	23.438	264	19518	0.400	ng/ul	#-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.156	96	426	0.059	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.993	152	814	0.028	ng/ul	0.00
18) Fluoranthene-d10	19.050	212	1553	0.032	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.437	128	42402	0.825	ng/ul	100
10) Acenaphthylene	13.980	152	13464	0.305	ng/ul	99
11) Acenaphthene	14.322	153	27791	0.811	ng/ul	99
12) Fluorene	15.317	166	12676	0.311	ng/ul	99
15) Phenanthrene	17.054	178	14202	0.276	ng/ul	99
16) Anthracene	17.147	178	65985	1.440	ng/ul	100
19) Fluoranthene	19.082	202	23414	0.378	ng/ul	98
20) Pyrene	19.449	202	11660	0.180	ng/ul	99
21) Benzo(a)anthracene	21.205	228	22450	0.383	ng/ul	98
22) Chrysene	21.258	228	10265	0.159	ng/ul	95
24) Benzo(b)fluoranthene	22.772	252	21716	0.256	ng/ul	87
25) Benzo(k)fluoranthene	22.816	252	27177	0.330	ng/ul#	90
26) Benzo(a)pyrene	23.345	252	8282	0.140	ng/ul#	54
27) Indeno(1,2,3-cd)pyrene	25.676	276	50724	0.549	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.686	278	36249	0.528	ng/ul	97
29) Benzo(g,h,i)perylene	26.360	276	31356	0.426	ng/ul	97

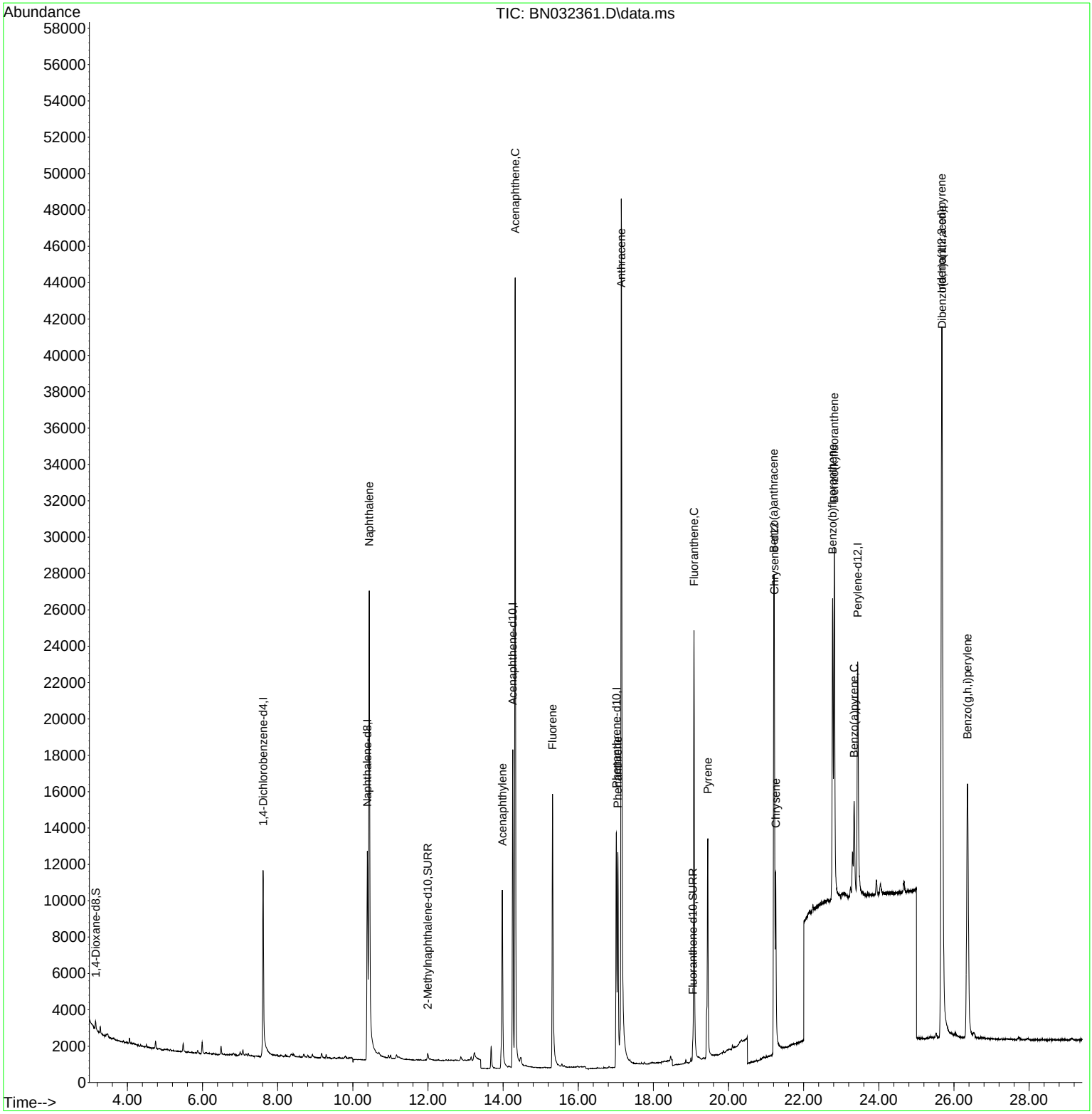
(#) = qualifier out of range (m) = manual integration (+) = signals summed

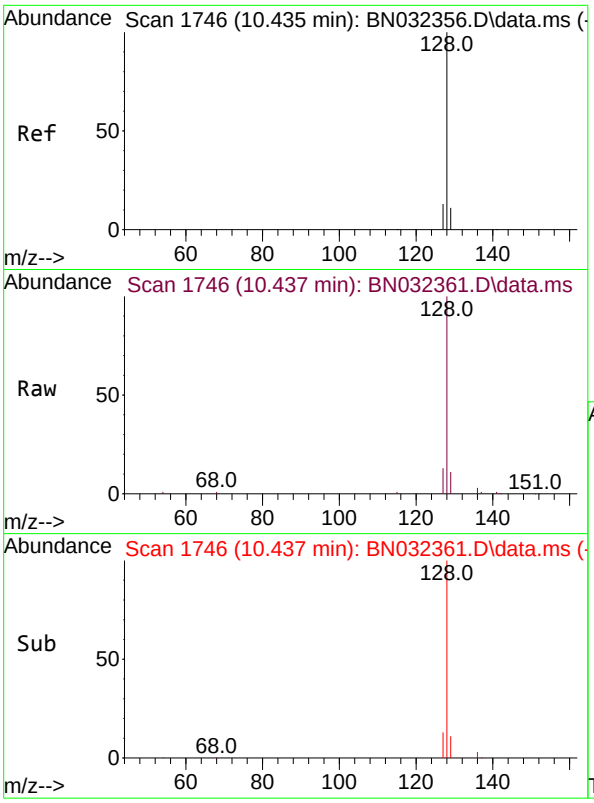
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032361.D
Acq On : 01 Jul 2024 14:00
Operator : MA/JU
Sample : P2871-21DL 10X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4DN7DL

Quant Time: Jul 01 14:26:01 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 27 13:23:38 2024
Response via : Initial Calibration



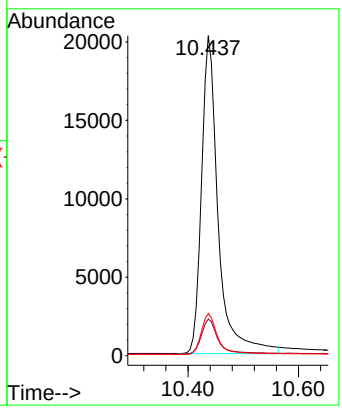


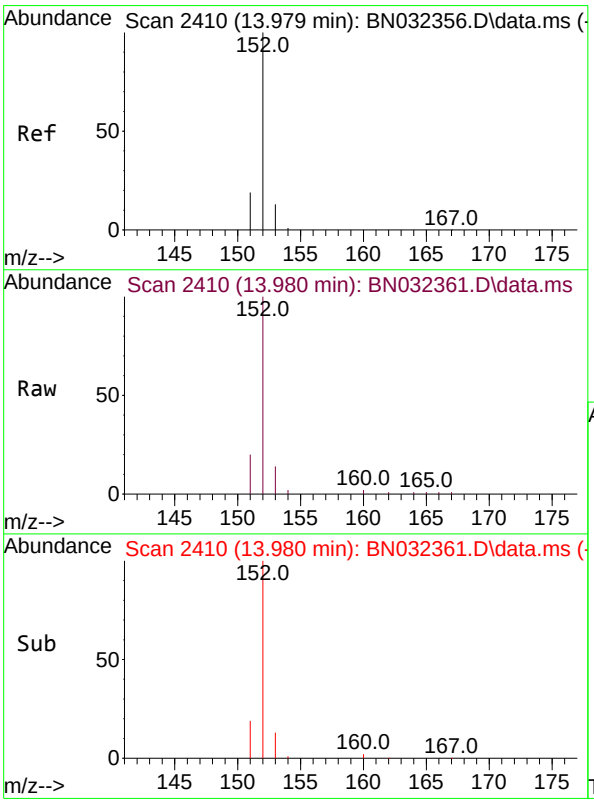
#5
Naphthalene
Concen: 0.825 ng/ul
RT: 10.437 min Scan# 1
Delta R.T. -0.011 min
Lab File: BN032361.D
Acq: 01 Jul 2024 14:00

Instrument :
BNA_N
ClientSampleId :
A4DN7DL

Tgt Ion:128 Resp: 42402

Ion	Ratio	Lower	Upper
128	100		
129	11.5	9.2	13.8
127	13.2	10.8	16.2

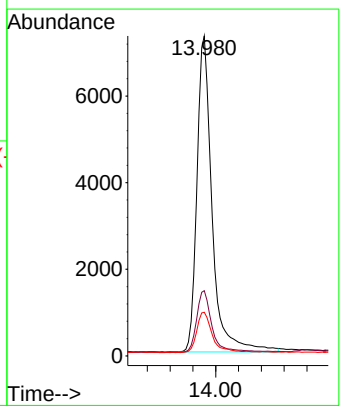


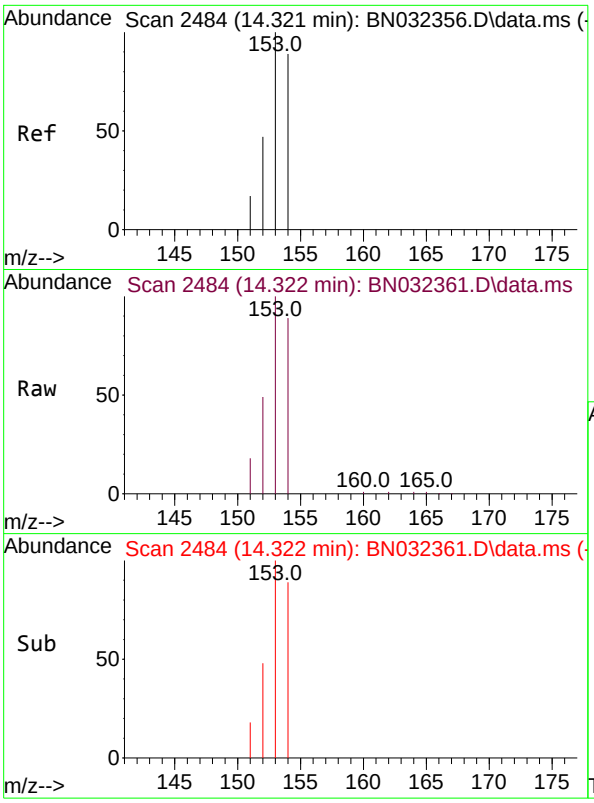


#10
Acenaphthylene
Concen: 0.305 ng/ul
RT: 13.980 min Scan# 2410
Delta R.T. -0.010 min
Lab File: BN032361.D
Acq: 01 Jul 2024 14:00

Tgt Ion:152 Resp: 13464

Ion	Ratio	Lower	Upper
152	100		
151	20.4	15.7	23.5
153	13.7	10.9	16.3



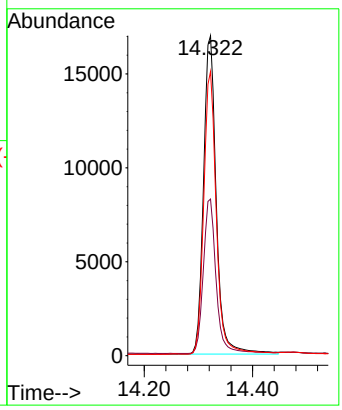


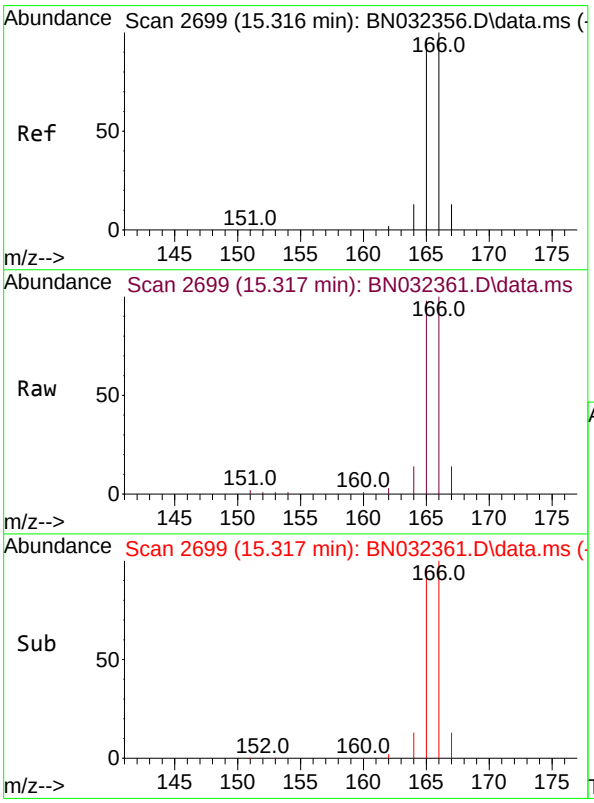
#11
Acenaphthene
Concen: 0.811 ng/ul
RT: 14.322 min Scan# 24
Delta R.T. -0.010 min
Lab File: BN032361.D
Acq: 01 Jul 2024 14:00

Instrument :
BNA_N
ClientSampleId :
A4DN7DL

Tgt Ion:153 Resp: 27791

Ion	Ratio	Lower	Upper
153	100		
152	48.9	39.5	59.3
154	88.8	71.7	107.5

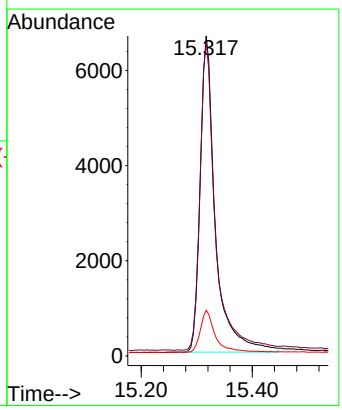


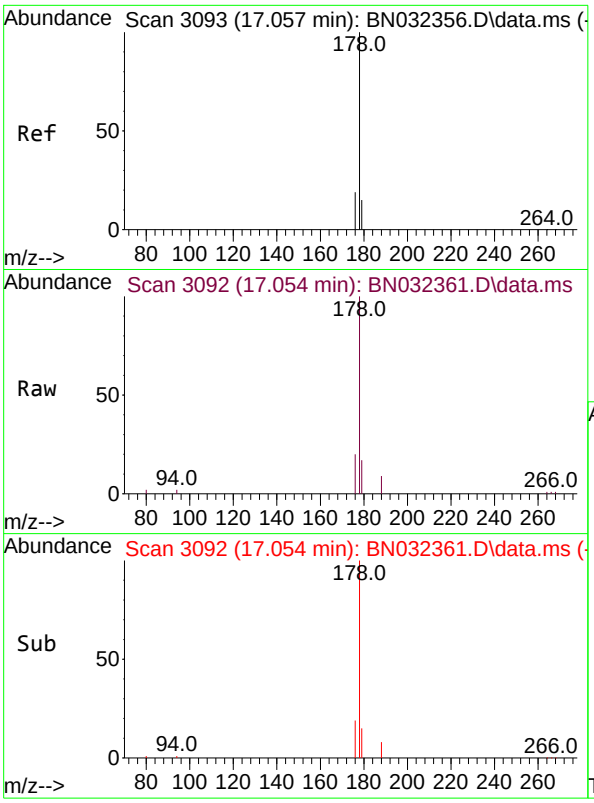


#12
Fluorene
Concen: 0.311 ng/ul
RT: 15.317 min Scan# 2699
Delta R.T. -0.010 min
Lab File: BN032361.D
Acq: 01 Jul 2024 14:00

Tgt Ion:166 Resp: 12676

Ion	Ratio	Lower	Upper
166	100		
165	98.0	79.0	118.6
167	14.3	11.0	16.6



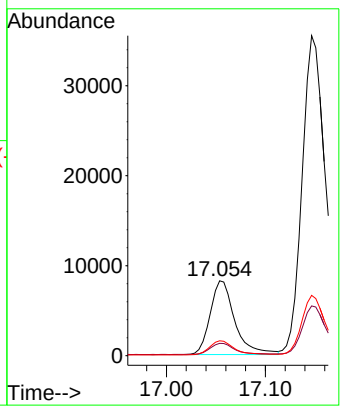


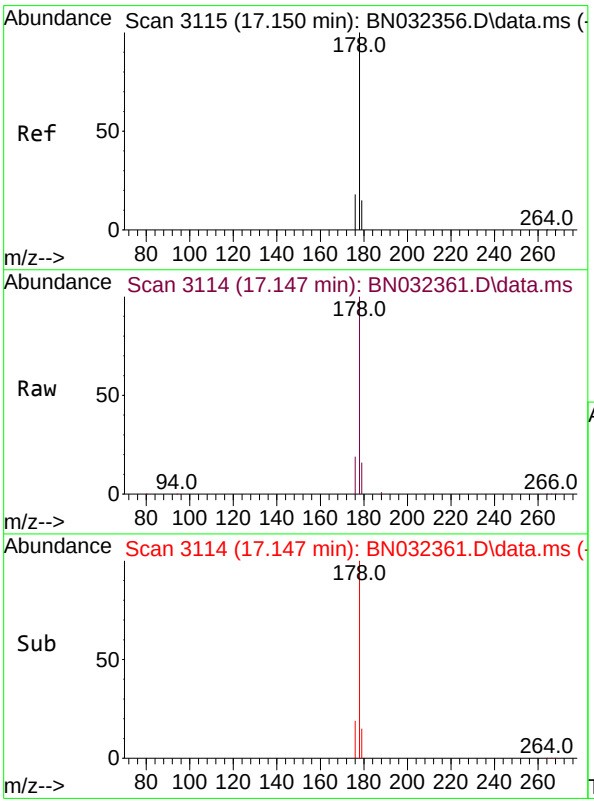
#15
Phenanthrene
Concen: 0.276 ng/ul
RT: 17.054 min Scan# 3
Delta R.T. -0.013 min
Lab File: BN032361.D
Acq: 01 Jul 2024 14:00

Instrument :
BNA_N
ClientSampleId :
A4DN7DL

Tgt Ion:178 Resp: 14202

Ion	Ratio	Lower	Upper
178	100		
179	16.5	12.6	18.8
176	19.8	15.6	23.4

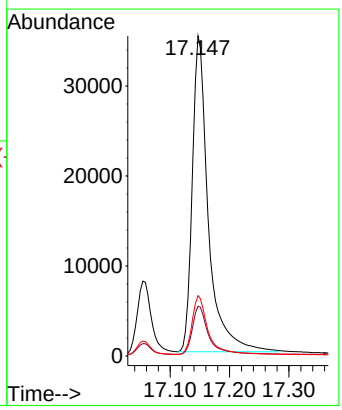


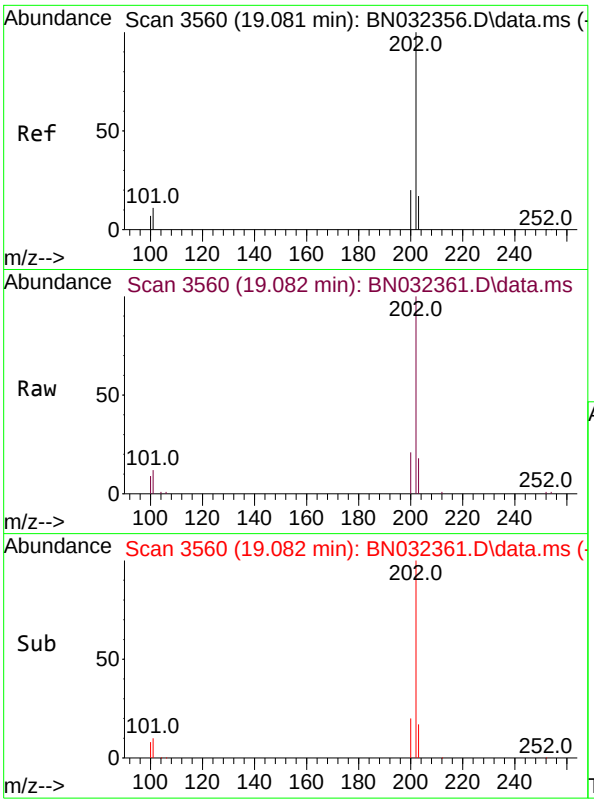


#16
Anthracene
Concen: 1.440 ng/ul
RT: 17.147 min Scan# 3114
Delta R.T. -0.013 min
Lab File: BN032361.D
Acq: 01 Jul 2024 14:00

Tgt Ion:178 Resp: 65985

Ion	Ratio	Lower	Upper
178	100		
179	15.6	12.5	18.7
176	18.9	15.0	22.6



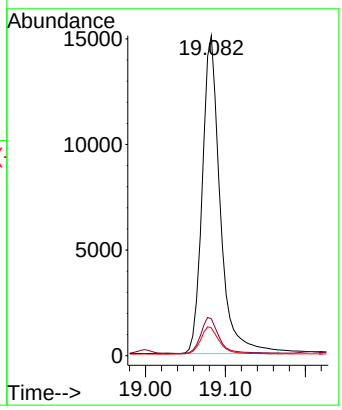


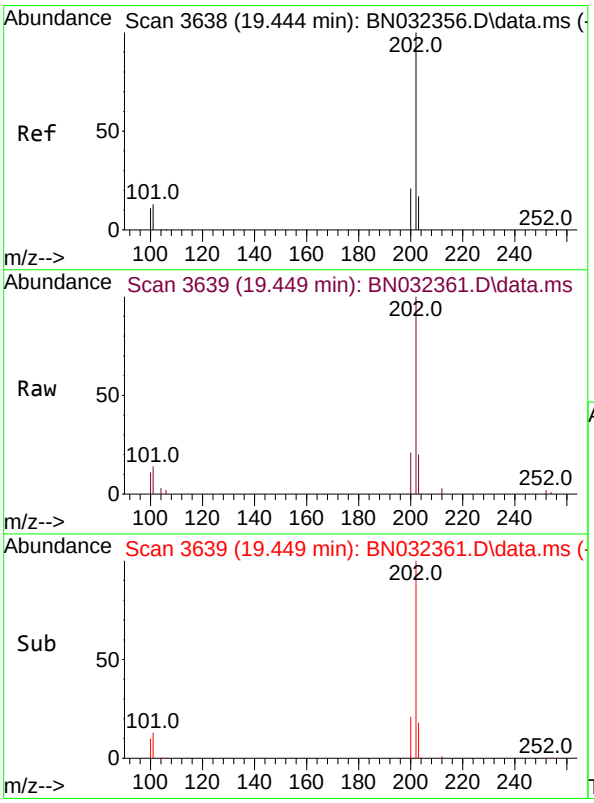
#19
Fluoranthene
Concen: 0.378 ng/ul
RT: 19.082 min Scan# 3
Delta R.T. -0.010 min
Lab File: BN032361.D
Acq: 01 Jul 2024 14:00

Instrument :
BNA_N
ClientSampleId :
A4DN7DL

Tgt Ion:202 Resp: 23414

Ion	Ratio	Lower	Upper
202	100		
101	11.6	8.8	13.2
100	8.7	6.4	9.6

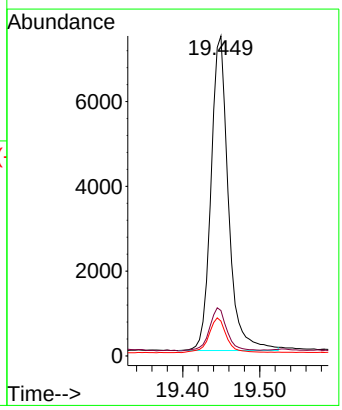


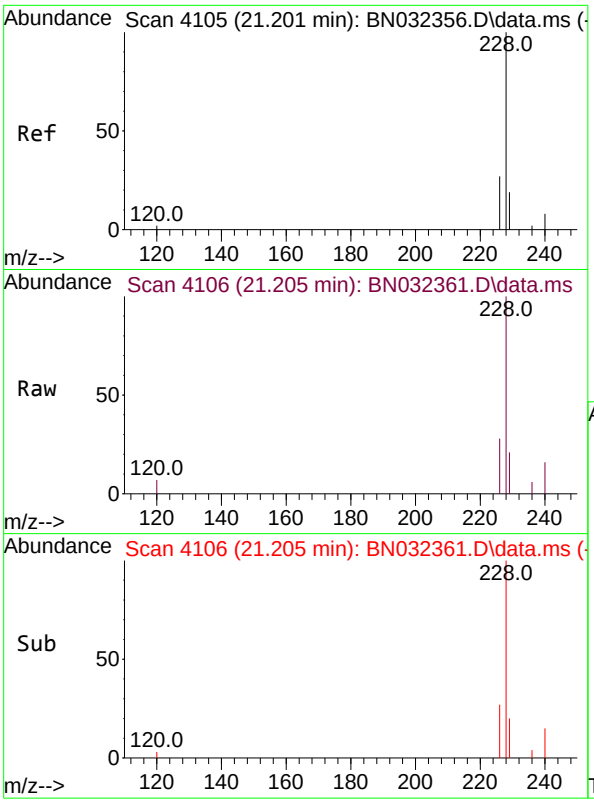


#20
Pyrene
Concen: 0.180 ng/ul
RT: 19.449 min Scan# 3639
Delta R.T. -0.005 min
Lab File: BN032361.D
Acq: 01 Jul 2024 14:00

Tgt Ion:202 Resp: 11660

Ion	Ratio	Lower	Upper
202	100		
101	14.2	11.0	16.4
100	10.9	8.7	13.1



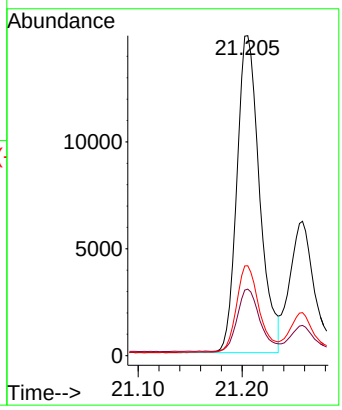


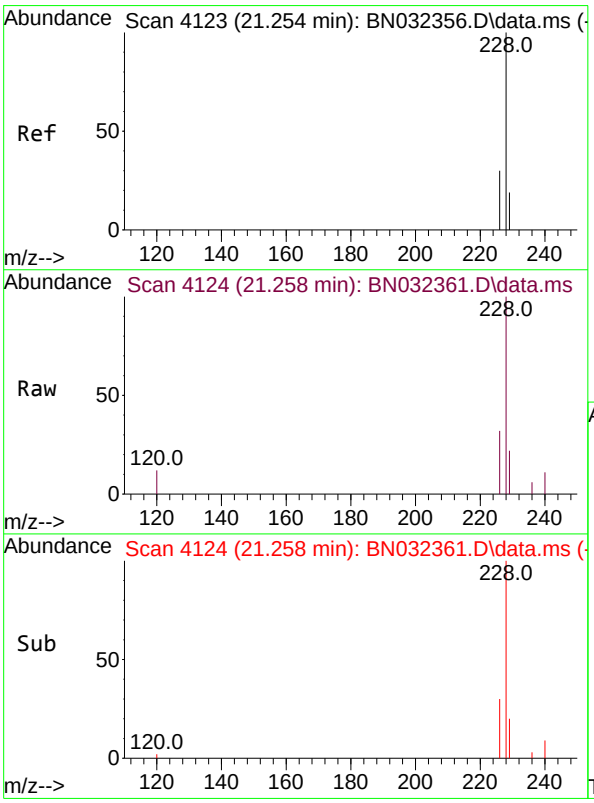
#21
Benzo(a)anthracene
Concen: 0.383 ng/ul
RT: 21.205 min Scan# 4
Delta R.T. -0.009 min
Lab File: BN032361.D
Acq: 01 Jul 2024 14:00

Instrument :
BNA_N
ClientSampleId :
A4DN7DL

Tgt Ion:228 Resp: 22450

Ion	Ratio	Lower	Upper
228	100		
229	20.8	15.7	23.5
226	28.1	21.8	32.8

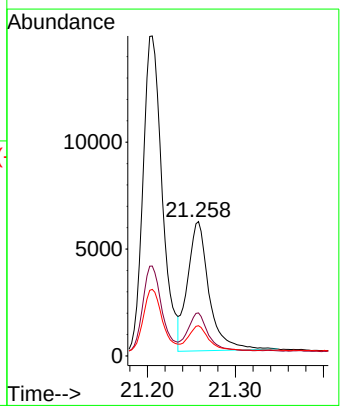


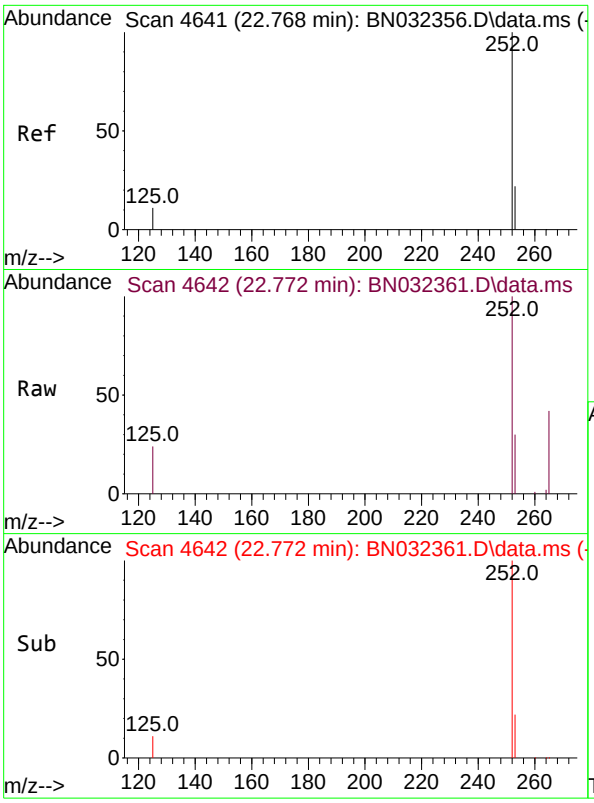


#22
Chrysene
Concen: 0.159 ng/ul
RT: 21.258 min Scan# 4124
Delta R.T. -0.009 min
Lab File: BN032361.D
Acq: 01 Jul 2024 14:00

Tgt Ion:228 Resp: 10265

Ion	Ratio	Lower	Upper
228	100		
226	32.0	23.6	35.4
229	22.5	15.7	23.5



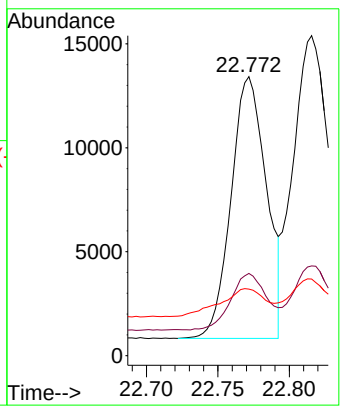


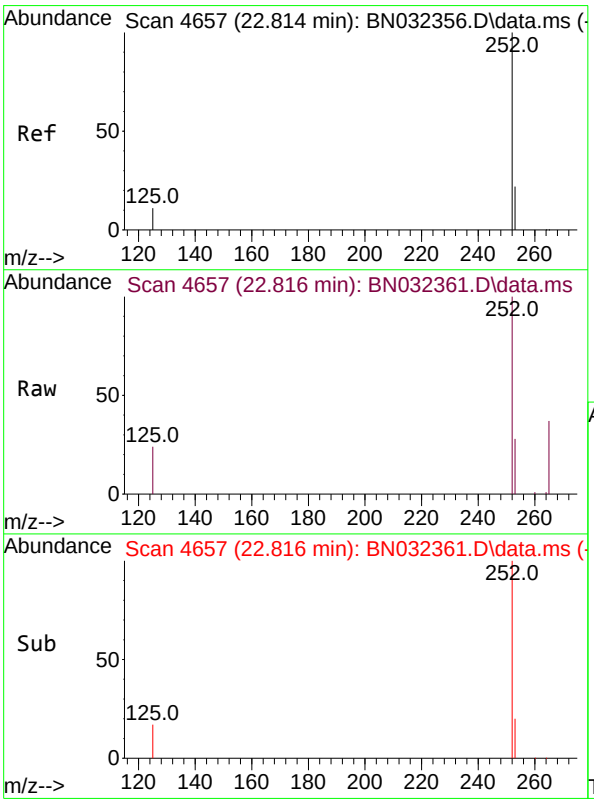
#24
Benzo(b)fluoranthene
Concen: 0.256 ng/ul
RT: 22.772 min Scan# 4
Delta R.T. -0.012 min
Lab File: BN032361.D
Acq: 01 Jul 2024 14:00

Instrument :
BNA_N
ClientSampleId :
A4DN7DL

Tgt Ion:252 Resp: 21716

Ion	Ratio	Lower	Upper
252	100		
253	29.5	0.0	50.2
125	23.9	0.0	32.0

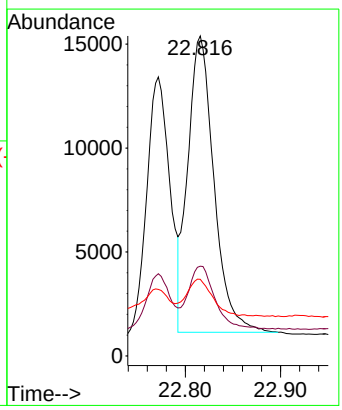


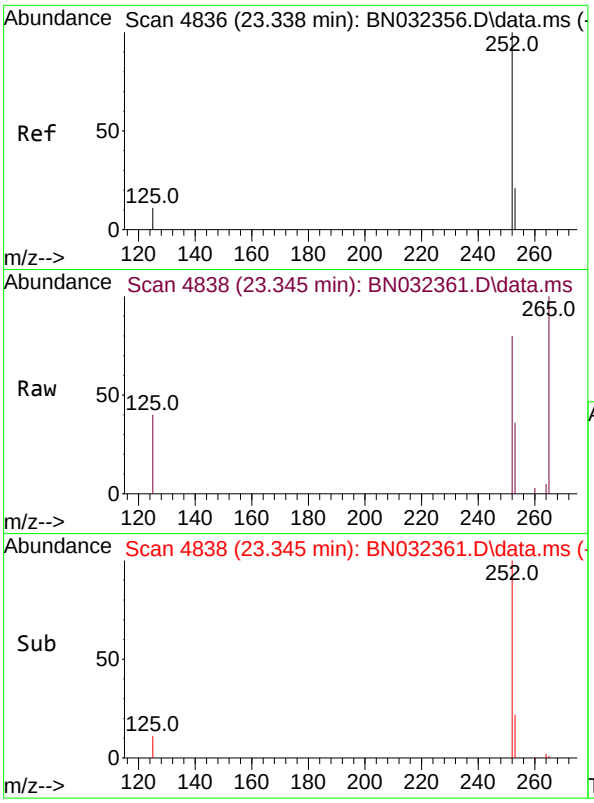


#25
Benzo(k)fluoranthene
Concen: 0.330 ng/ul
RT: 22.816 min Scan# 4657
Delta R.T. -0.012 min
Lab File: BN032361.D
Acq: 01 Jul 2024 14:00

Tgt Ion:252 Resp: 27177

Ion	Ratio	Lower	Upper
252	100		
253	28.1	20.3	30.5
125	23.9	12.8	19.2#



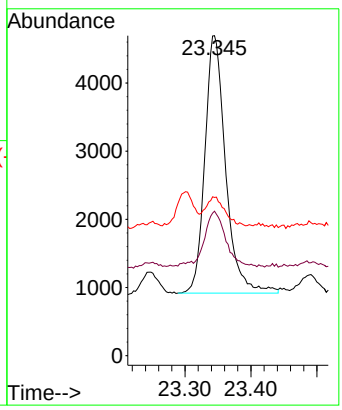


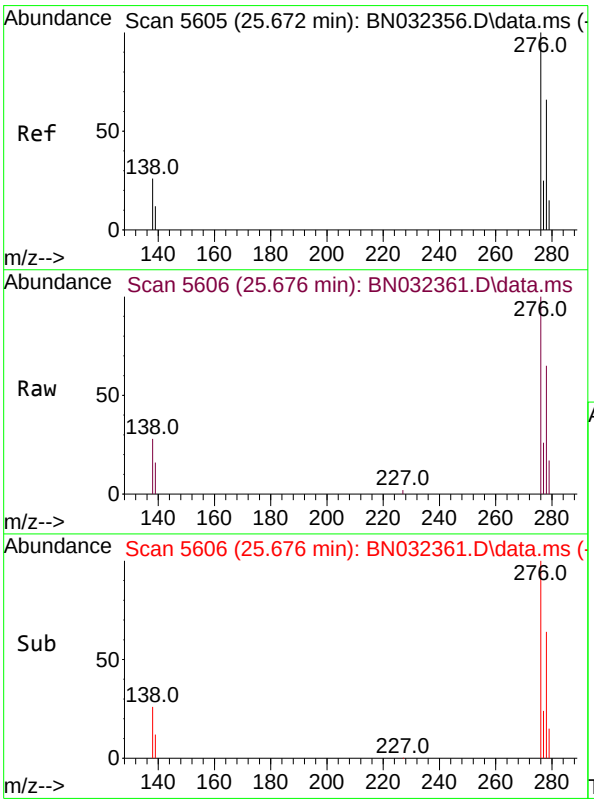
#26
Benzo(a)pyrene
Concen: 0.140 ng/ul
RT: 23.345 min Scan# 4
Delta R.T. -0.015 min
Lab File: BN032361.D
Acq: 01 Jul 2024 14:00

Instrument :
BNA_N
ClientSampleId :
A4DN7DL

Tgt Ion:252 Resp: 8282

Ion	Ratio	Lower	Upper
252	100		
253	45.2	22.2	33.2#
125	49.4	16.4	24.6#

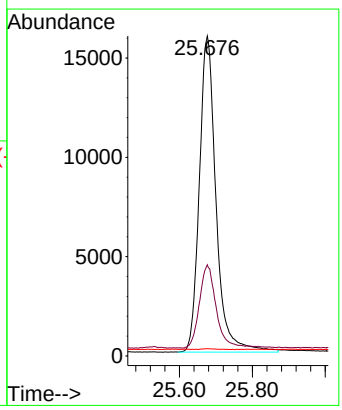


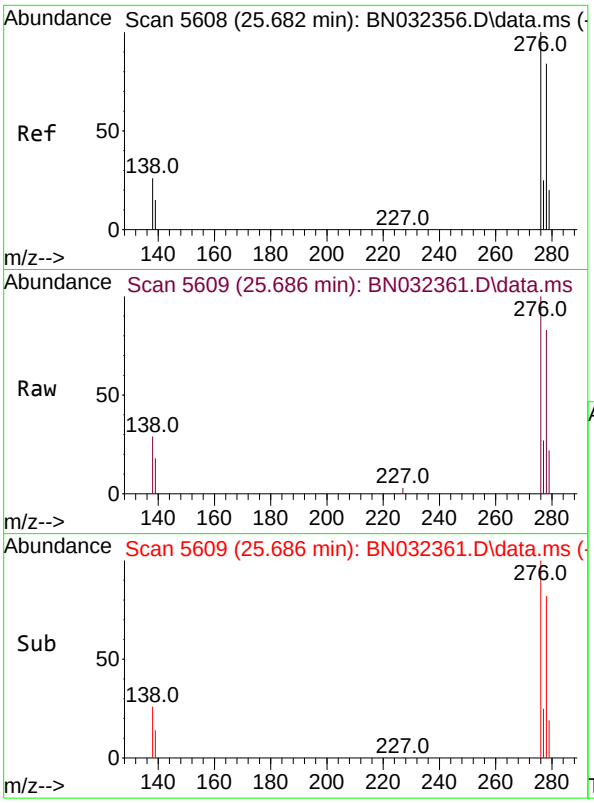


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.549 ng/ul
RT: 25.676 min Scan# 5606
Delta R.T. -0.024 min
Lab File: BN032361.D
Acq: 01 Jul 2024 14:00

Tgt Ion:276 Resp: 50724

Ion	Ratio	Lower	Upper
276	100		
138	26.7	21.3	31.9
227	0.2	0.1	0.1#



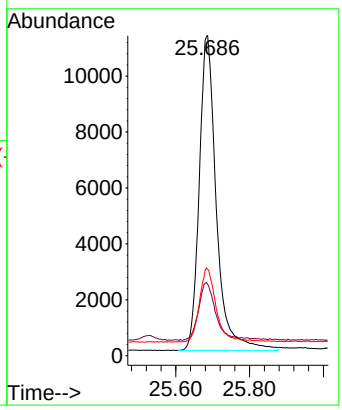


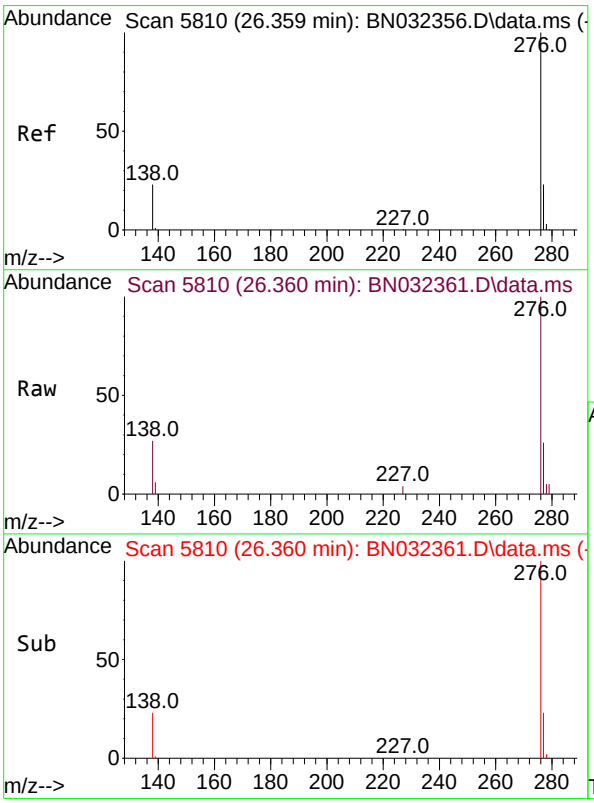
#28
Dibenzo(a,h)anthracene
Concen: 0.528 ng/ul
RT: 25.686 min Scan# 5
Delta R.T. -0.024 min
Lab File: BN032361.D
Acq: 01 Jul 2024 14:00

Instrument :
BNA_N
ClientSampleId :
A4DN7DL

Tgt Ion:278 Resp: 36249

Ion	Ratio	Lower	Upper
278	100		
139	22.4	15.9	23.9
279	27.1	21.1	31.7





#29
Benzo(g,h,i)perylene
Concen: 0.426 ng/ul
RT: 26.360 min Scan# 5810
Delta R.T. -0.020 min
Lab File: BN032361.D
Acq: 01 Jul 2024 14:00

Tgt Ion:276 Resp: 31356

Ion	Ratio	Lower	Upper
276	100		
138	26.7	19.8	29.6
277	25.7	19.8	29.6