Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032436.D
Acq On : 03 Jul 2024 14:32
Operator : MA/JU
Sample : P2964-01DL 10X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4DN9DL

Quant Time: Jul 03 14:57:07 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 : Wed Jul 03 03:26:42 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.603	152	5146	0.400	ng/ul	0.00
4) Naphthalene-d8	10.376	136	16689	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.248	164	10546	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.007	188	20446	0.400	ng/ul	0.00
17) Chrysene-d12	21.214	240	14936	0.400	ng/ul	# 0.00
23) Perylene-d12	23.433	264	17057	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.143	96	293	0.051	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.988	152	561	0.022	ng/ul	0.01
18) Fluoranthene-d10	19.045	212	1557	0.035	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.426	128	39113	0.886	ng/ul	99
10) Acenaphthylene	13.971	152	17276	0.394	ng/ul	99
11) Acenaphthene	14.313	153	17591	0.517	ng/ul	99
12) Fluorene	15.312	166	5973	0.147	ng/ul	99
15) Phenanthrene	17.050	178	70448	1.257	ng/ul	99
16) Anthracene	17.143	178	53778	1.076	ng/ul	100
19) Fluoranthene	19.078	202	14992	0.264	ng/ul#	94
20) Pyrene	19.440	202	22990	0.387	ng/ul	99
21) Benzo(a)anthracene	21.200	228	8210	0.152	ng/ul	94
22) Chrysene	21.252	228	46108	0.779	ng/ul	99
24) Benzo(b)fluoranthene	22.769	252	22996	0.310	ng/ul	85
25) Benzo(k)fluoranthene	22.813	252	5846	0.081	ng/ul#	39
26) Benzo(a)pyrene	23.339	252	28387	0.551	ng/ul#	94
27) Indeno(1,2,3-cd)pyrene	25.673	276	18623	0.231	ng/ul#	97
28) Dibenzo(a,h)anthracene	25.683	278	16307	0.272	ng/ul#	83
29) Benzo(g,h,i)perylene	26.360	276	45990	0.715	ng/ul	99

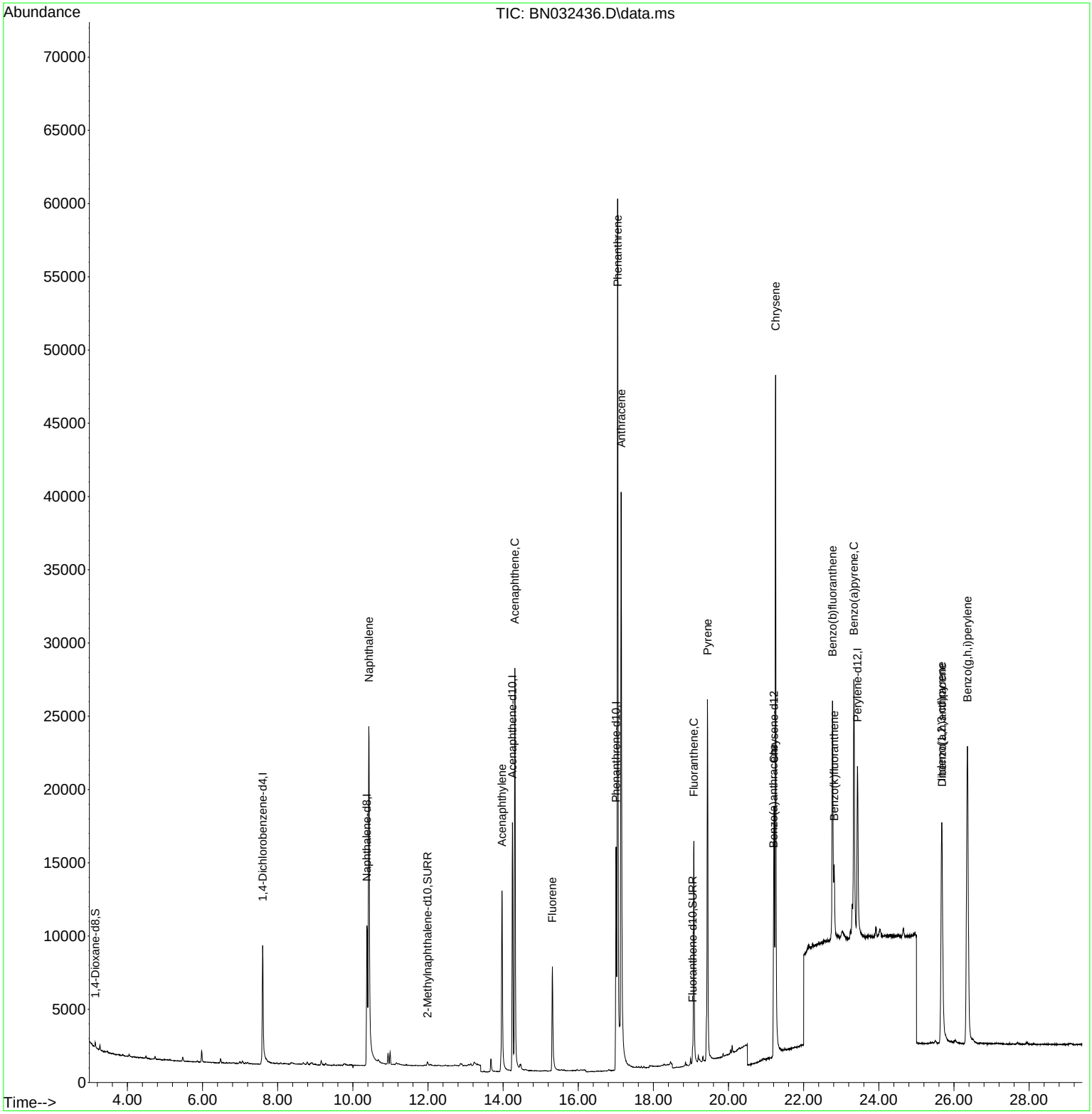
(#) = qualifier out of range (m) = manual integration (+) = signals summed

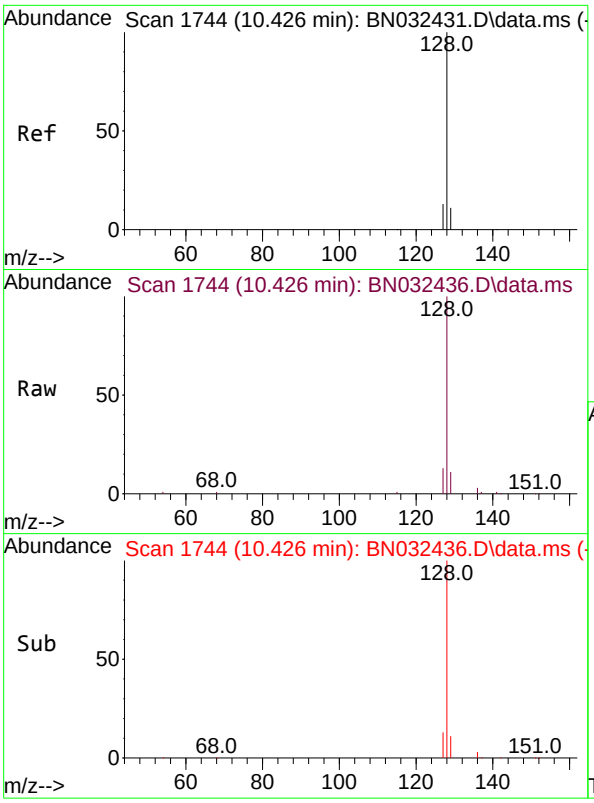
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032436.D
Acq On : 03 Jul 2024 14:32
Operator : MA/JU
Sample : P2964-01DL 10X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4DN9DL

Quant Time: Jul 03 14:57:07 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 : Wed Jul 03 03:26:42 2024
Response via : Initial Calibration



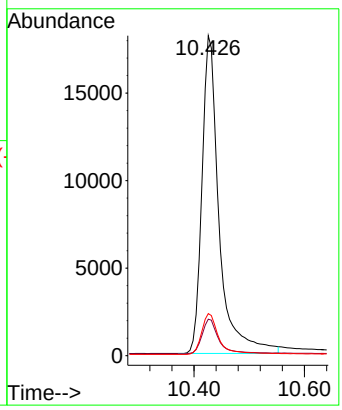


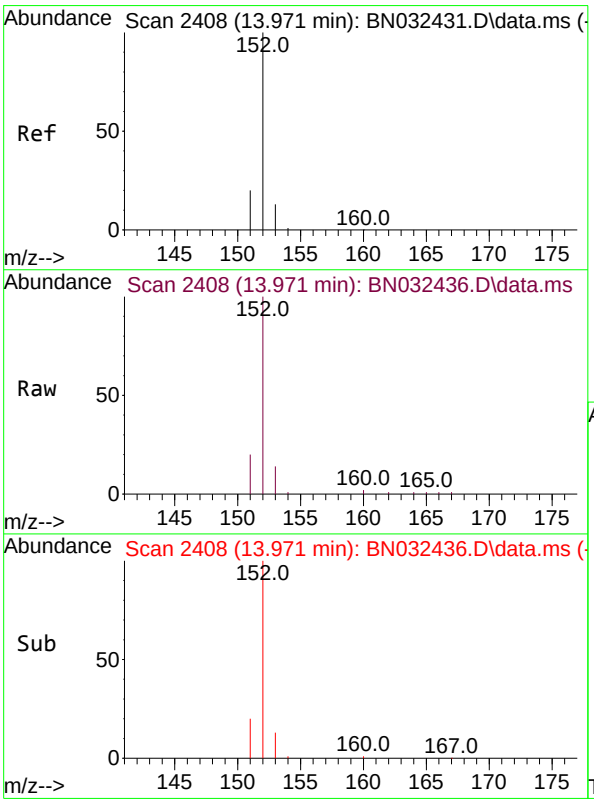
#5
Naphthalene
Concen: 0.886 ng/ul
RT: 10.426 min Scan# 1
Delta R.T. -0.006 min
Lab File: BN032436.D
Acq: 03 Jul 2024 14:32

Instrument :
BNA_N
ClientSampleId :
A4DN9DL

Tgt Ion:128 Resp: 39113

Ion	Ratio	Lower	Upper
128	100		
129	11.4	9.2	13.8
127	13.2	10.8	16.2

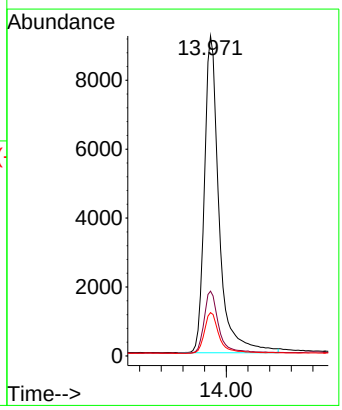


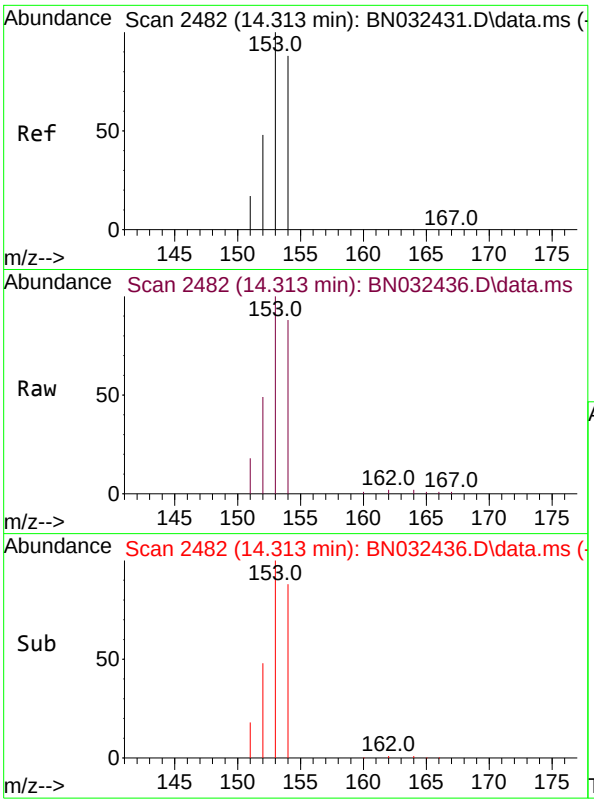


#10
Acenaphthylene
Concen: 0.394 ng/ul
RT: 13.971 min Scan# 2408
Delta R.T. -0.000 min
Lab File: BN032436.D
Acq: 03 Jul 2024 14:32

Tgt Ion:152 Resp: 17276

Ion	Ratio	Lower	Upper
152	100		
151	20.2	15.7	23.5
153	13.5	10.9	16.3



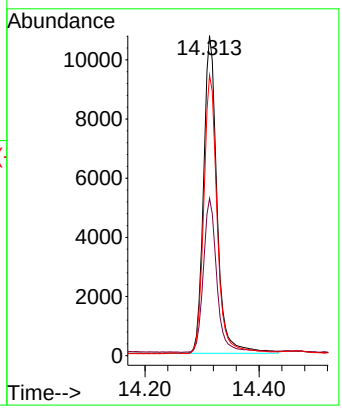


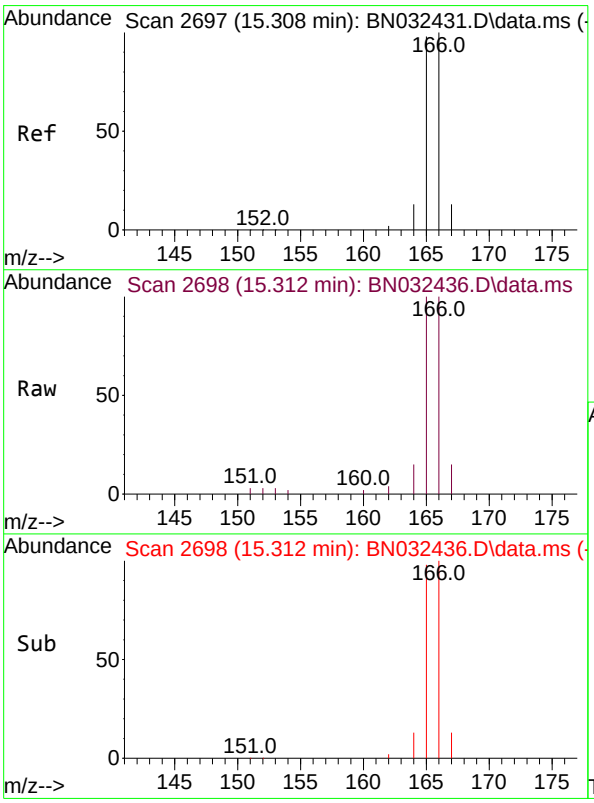
#11
Acenaphthene
Concen: 0.517 ng/ul
RT: 14.313 min Scan# 24
Delta R.T. -0.000 min
Lab File: BN032436.D
Acq: 03 Jul 2024 14:32

Instrument :
BNA_N
ClientSampleId :
A4DN9DL

Tgt Ion:153 Resp: 17591

Ion	Ratio	Lower	Upper
153	100		
152	49.1	39.5	59.3
154	87.7	71.7	107.5

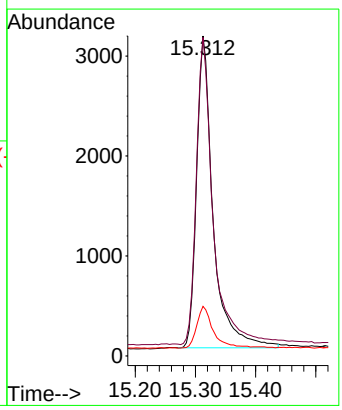


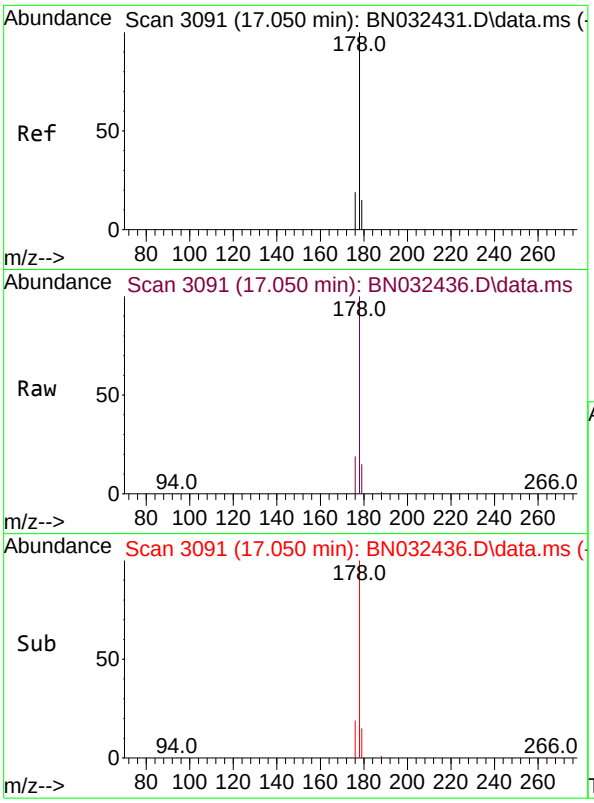


#12
Fluorene
Concen: 0.147 ng/ul
RT: 15.312 min Scan# 2698
Delta R.T. -0.000 min
Lab File: BN032436.D
Acq: 03 Jul 2024 14:32

Tgt Ion:166 Resp: 5973

Ion	Ratio	Lower	Upper
166	100		
165	99.6	79.0	118.6
167	15.5	11.0	16.6



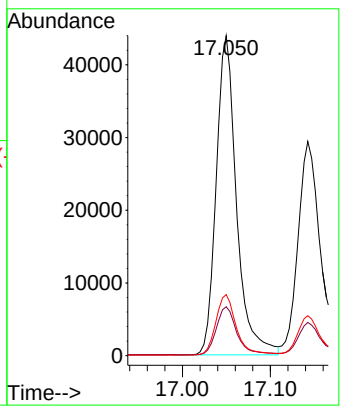


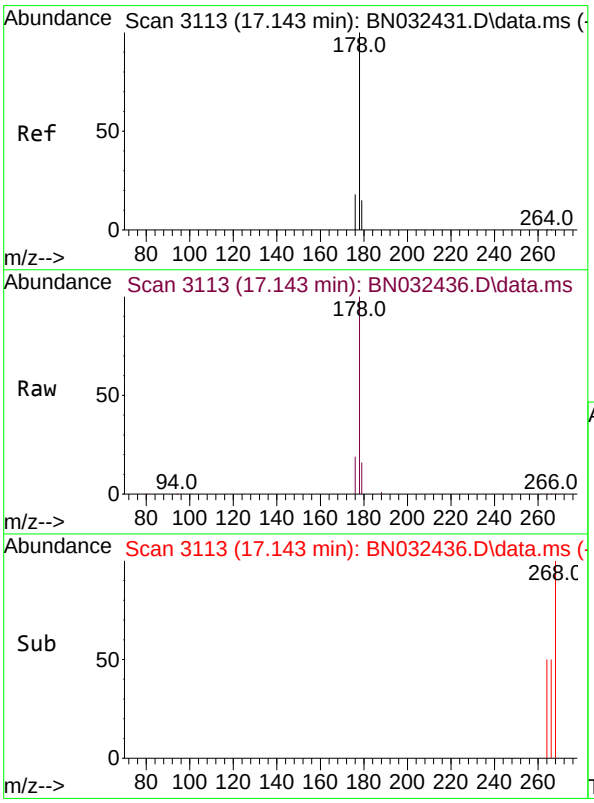
#15
Phenanthrene
Concen: 1.257 ng/ul
RT: 17.050 min Scan# 3
Delta R.T. -0.000 min
Lab File: BN032436.D
Acq: 03 Jul 2024 14:32

Instrument :
BNA_N
ClientSampleId :
A4DN9DL

Tgt Ion:178 Resp: 70448

Ion	Ratio	Lower	Upper
178	100		
179	15.3	12.6	18.8
176	19.1	15.6	23.4

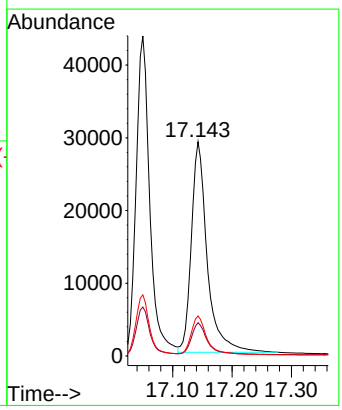


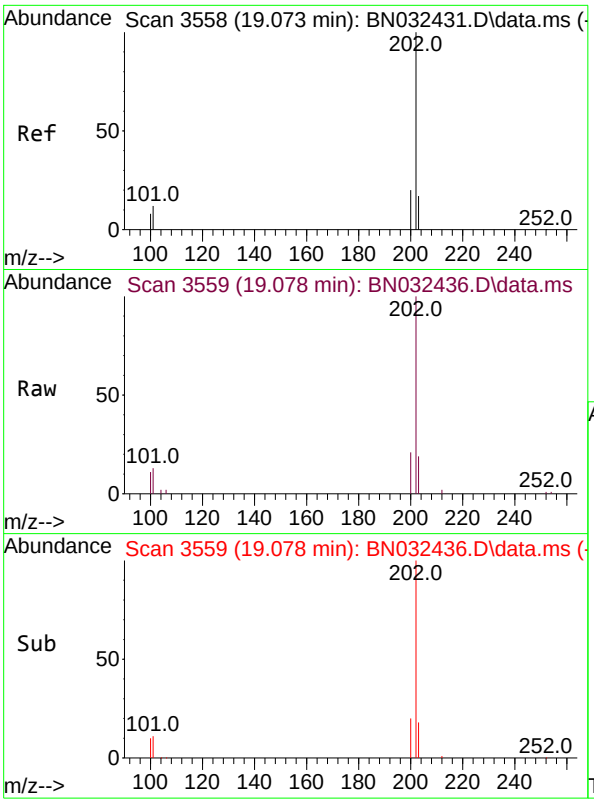


#16
Anthracene
Concen: 1.076 ng/ul
RT: 17.143 min Scan# 3113
Delta R.T. -0.000 min
Lab File: BN032436.D
Acq: 03 Jul 2024 14:32

Tgt Ion:178 Resp: 53778

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



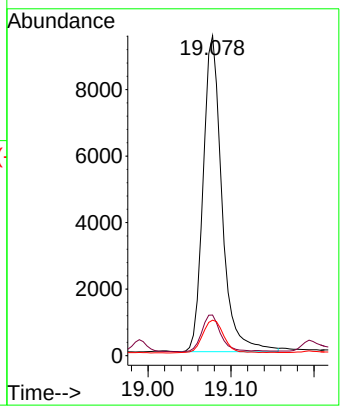


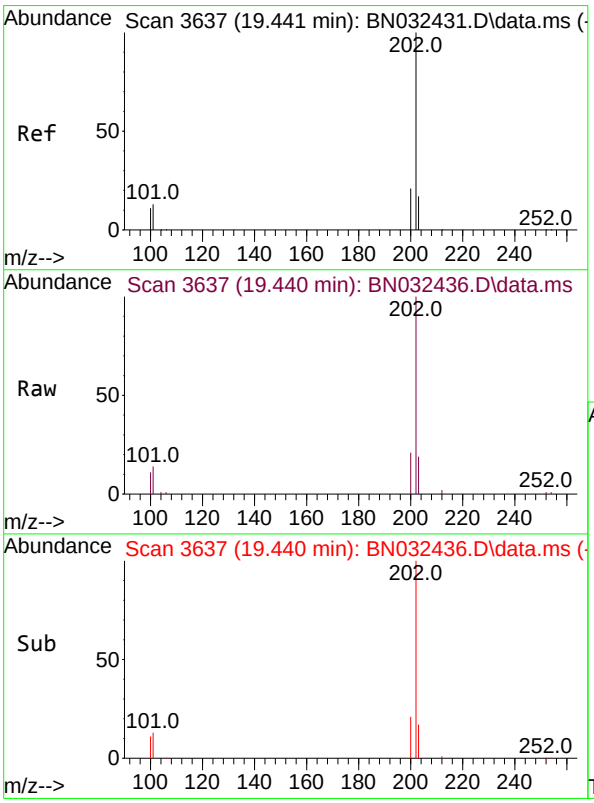
#19
Fluoranthene
Concen: 0.264 ng/ul
RT: 19.078 min Scan# 3
Delta R.T. 0.005 min
Lab File: BN032436.D
Acq: 03 Jul 2024 14:32

Instrument :
BNA_N
ClientSampleId :
A4DN9DL

Tgt Ion:202 Resp: 14992

Ion	Ratio	Lower	Upper
202	100		
101	12.7	8.8	13.2
100	11.1	6.4	9.6#

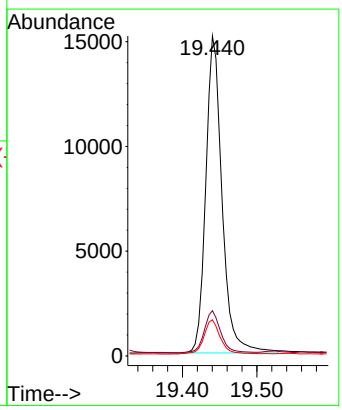


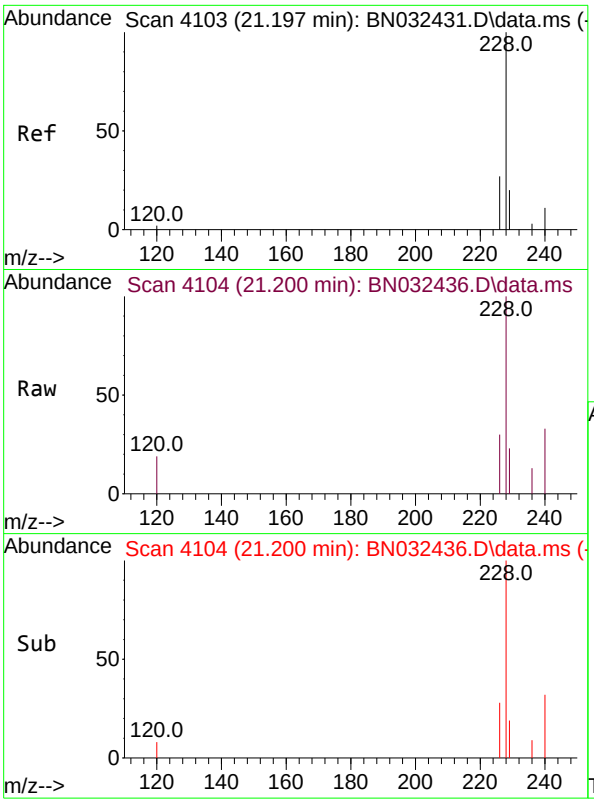


#20
Pyrene
Concen: 0.387 ng/ul
RT: 19.440 min Scan# 3637
Delta R.T. -0.000 min
Lab File: BN032436.D
Acq: 03 Jul 2024 14:32

Tgt Ion:202 Resp: 22990

Ion	Ratio	Lower	Upper
202	100		
101	14.1	11.0	16.4
100	11.3	8.7	13.1



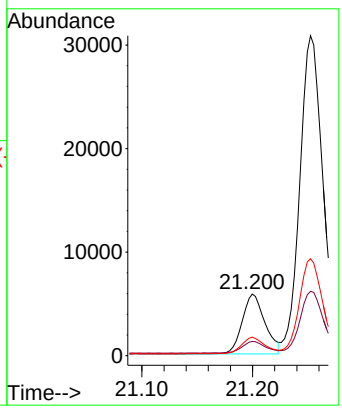


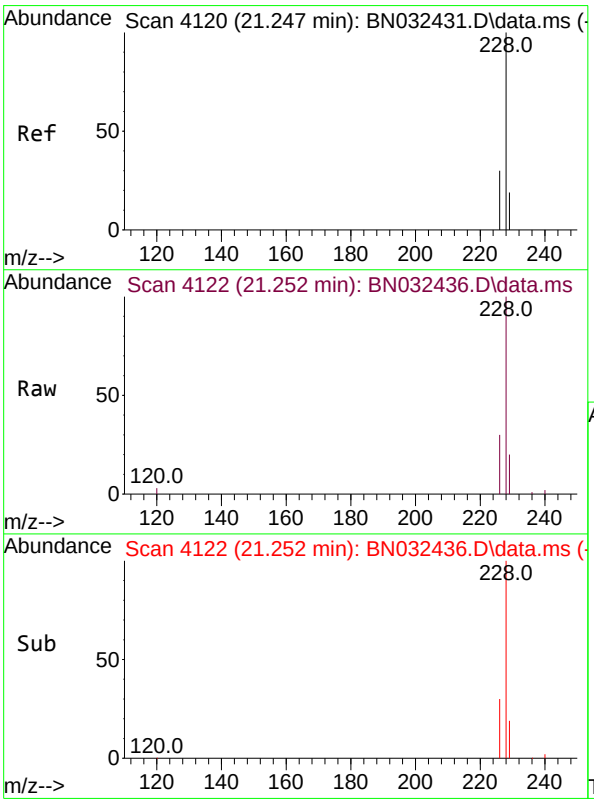
#21
Benzo(a)anthracene
Concen: 0.152 ng/ul
RT: 21.200 min Scan# 4
Delta R.T. 0.009 min
Lab File: BN032436.D
Acq: 03 Jul 2024 14:32

Instrument :
BNA_N
ClientSampleId :
A4DN9DL

Tgt Ion:228 Resp: 8210

Ion	Ratio	Lower	Upper
228	100		
229	23.2	15.7	23.5
226	30.2	21.8	32.8

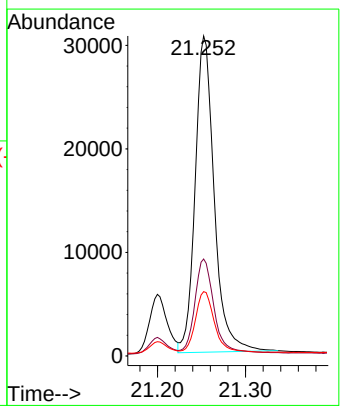


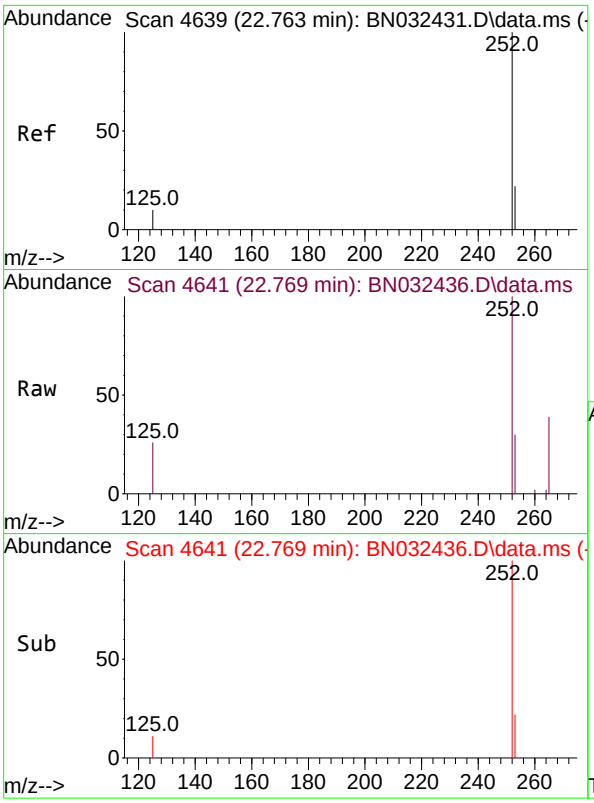


#22
Chrysene
Concen: 0.779 ng/ul
RT: 21.252 min Scan# 4122
Delta R.T. 0.009 min
Lab File: BN032436.D
Acq: 03 Jul 2024 14:32

Tgt Ion:228 Resp: 46108

Ion	Ratio	Lower	Upper
228	100		
226	30.3	23.6	35.4
229	20.1	15.7	23.5



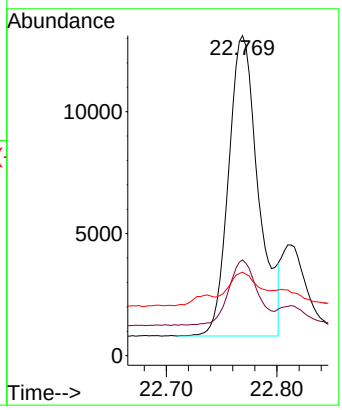


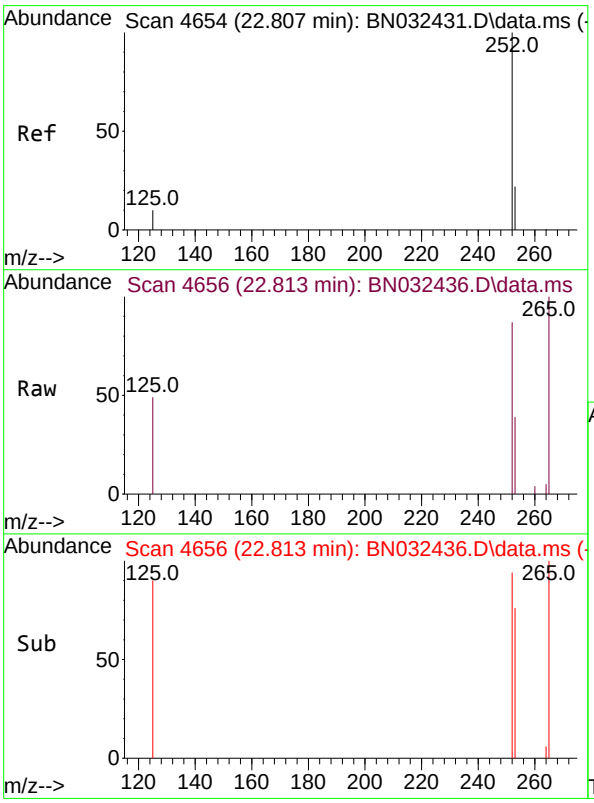
#24
Benzo(b)fluoranthene
Concen: 0.310 ng/ul
RT: 22.769 min Scan# 4
Delta R.T. 0.012 min
Lab File: BN032436.D
Acq: 03 Jul 2024 14:32

Instrument :
BNA_N
ClientSampleId :
A4DN9DL

Tgt Ion:252 Resp: 22996

Ion	Ratio	Lower	Upper
252	100		
253	30.0	0.0	50.2
125	26.1	0.0	32.0

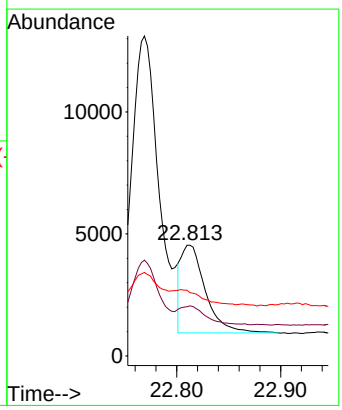


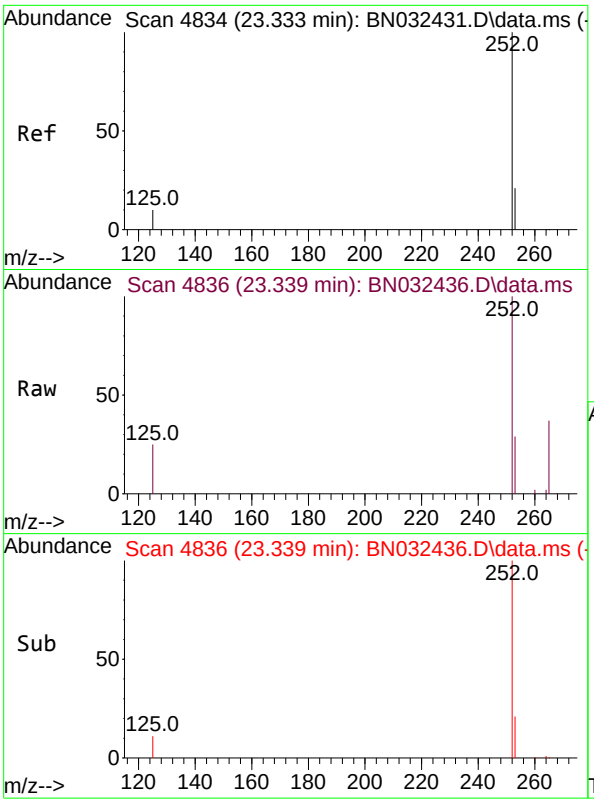


#25
Benzo(k)fluoranthene
Concen: 0.081 ng/ul
RT: 22.813 min Scan# 4656
Delta R.T. 0.012 min
Lab File: BN032436.D
Acq: 03 Jul 2024 14:32

Tgt Ion:252 Resp: 5846

Ion	Ratio	Lower	Upper
252	100		
253	45.2	20.3	30.5#
125	57.1	12.8	19.2#



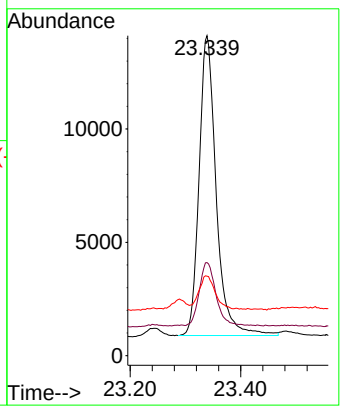


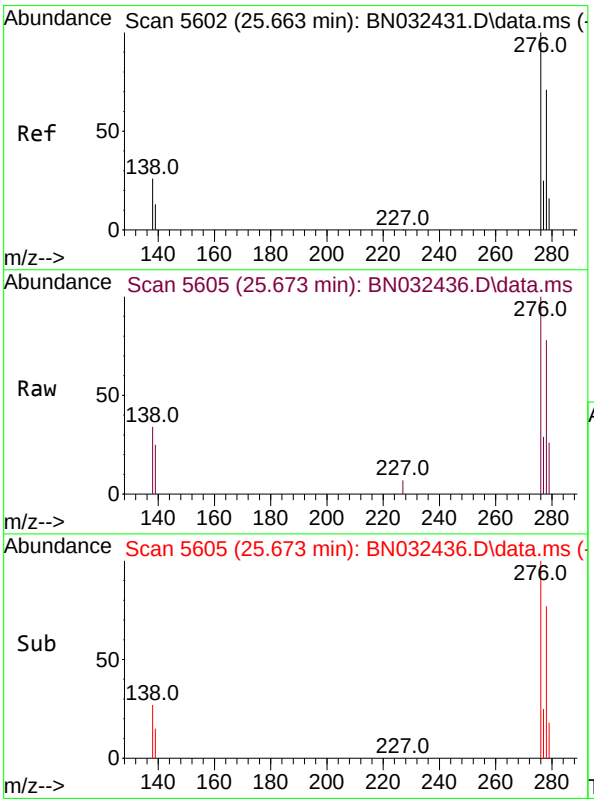
#26
Benzo(a)pyrene
Concen: 0.551 ng/ul
RT: 23.339 min Scan# 4
Delta R.T. 0.012 min
Lab File: BN032436.D
Acq: 03 Jul 2024 14:32

Instrument :
BNA_N
ClientSampleId :
A4DN9DL

Tgt Ion:252 Resp: 28387

Ion	Ratio	Lower	Upper
252	100		
253	29.1	22.2	33.2
125	24.9	16.4	24.6#

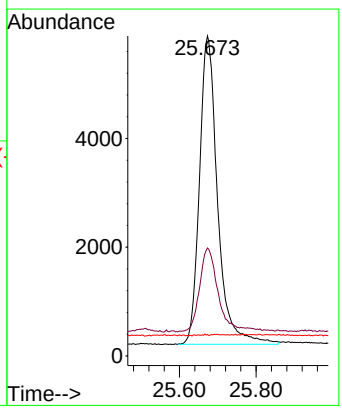


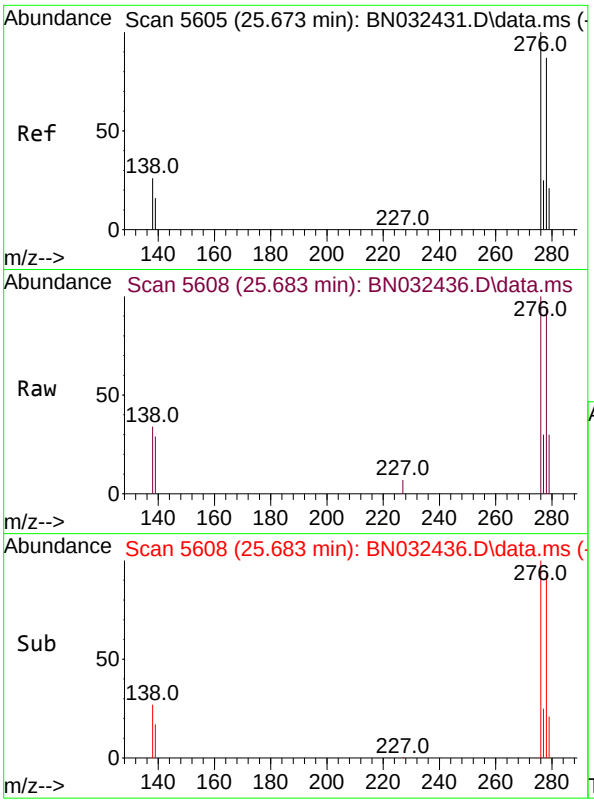


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.231 ng/ul
RT: 25.673 min Scan# 5605
Delta R.T. 0.013 min
Lab File: BN032436.D
Acq: 03 Jul 2024 14:32

Tgt Ion:276 Resp: 18623

Ion	Ratio	Lower	Upper
276	100		
138	28.1	21.3	31.9
227	0.1	0.1	0.1#



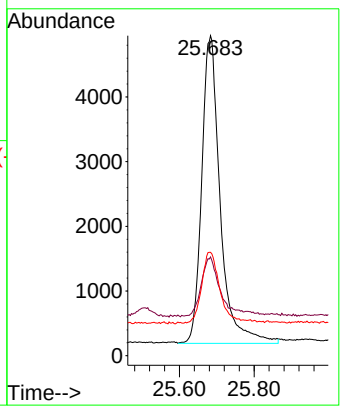


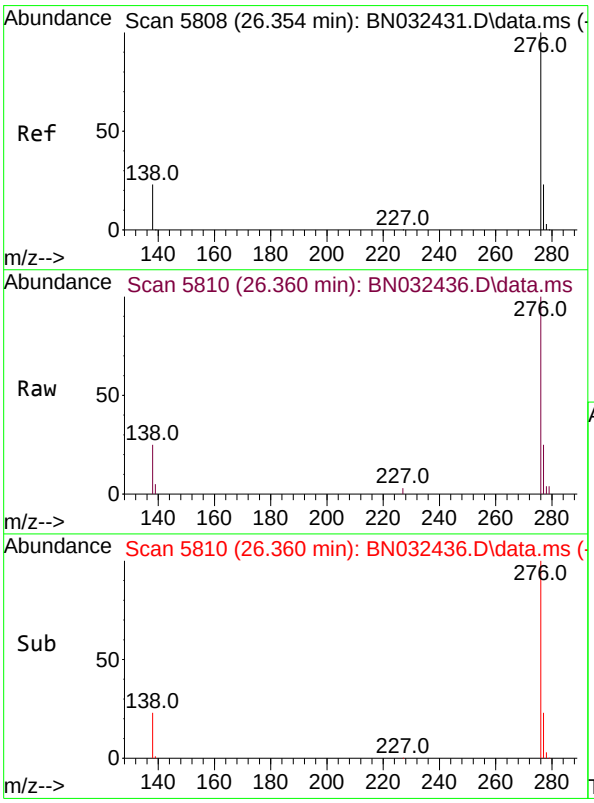
#28
Dibenzo(a,h)anthracene
Concen: 0.272 ng/ul
RT: 25.683 min Scan# 5
Delta R.T. 0.017 min
Lab File: BN032436.D
Acq: 03 Jul 2024 14:32

Instrument :
BNA_N
ClientSampleId :
A4DN9DL

Tgt Ion:278 Resp: 16307

Ion	Ratio	Lower	Upper
278	100		
139	30.9	15.9	23.9#
279	32.3	21.1	31.7#





#29
Benzo(g,h,i)perylene
Concen: 0.715 ng/ul
RT: 26.360 min Scan# 5810
Delta R.T. 0.017 min
Lab File: BN032436.D
Acq: 03 Jul 2024 14:32

Tgt Ion:276 Resp: 45990

Ion	Ratio	Lower	Upper
276	100		
138	25.4	19.8	29.6
277	25.2	19.8	29.6