Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071924\
Data File : BN032834.D
Acq On : 19 Jul 2024 10:35
Operator : MA/JU
Sample : P3238-24
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4DQ3

Quant Time: Jul 19 11:03:41 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 17 02:35:25 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.536	152	3687	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.299	136	12280	0.400	ng/ul	-0.03
9) Acenaphthene-d10	14.184	164	6416	0.400	ng/ul	-0.01
13) Phenanthrene-d10	16.944	188	11379	0.400	ng/ul	-0.02
17) Chrysene-d12	21.162	240	9914	0.400	ng/ul	-0.01
23) Perylene-d12	23.357	264	11707	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.093	96	1072	0.242	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.911	152	3316	0.179	ng/ul	-0.02
18) Fluoranthene-d10	18.985	212	5671	0.176	ng/ul	-0.02
Target Compounds						Qvalue
5) Naphthalene	10.349	128	237585	7.205	ng/ul	96
10) Acenaphthylene	13.901	152	82402	3.179	ng/ul	99
11) Acenaphthene	14.244	153	85920	4.008	ng/ul	98
12) Fluorene	15.248	166	26508	1.082	ng/ul	99
15) Phenanthrene	16.982	178	270808	8.739	ng/ul	99
16) Anthracene	17.079	178	219257	8.660	ng/ul	97
19) Fluoranthene	19.017	202	54832	1.360	ng/ul	99
20) Pyrene	19.384	202	86109	2.064	ng/ul	98
21) Benzo(a)anthracene	21.144	228	32972	1.045	ng/ul	100
22) Chrysene	21.197	228	201545	4.415	ng/ul	100
24) Benzo(b)fluoranthene	22.696	252	96320	2.332	ng/ul	92
25) Benzo(k)fluoranthene	22.740	252	26251	0.521	ng/ul#	92
26) Benzo(a)pyrene	23.260	252	126542	3.540	ng/ul#	81
27) Indeno(1,2,3-cd)pyrene	25.555	276	80173	1.656	ng/ul#	97
28) Dibenzo(a,h)anthracene	25.562	278	70498	1.879	ng/ul	94
29) Benzo(g,h,i)perylene	26.236	276	203330	5.026	ng/ul	96

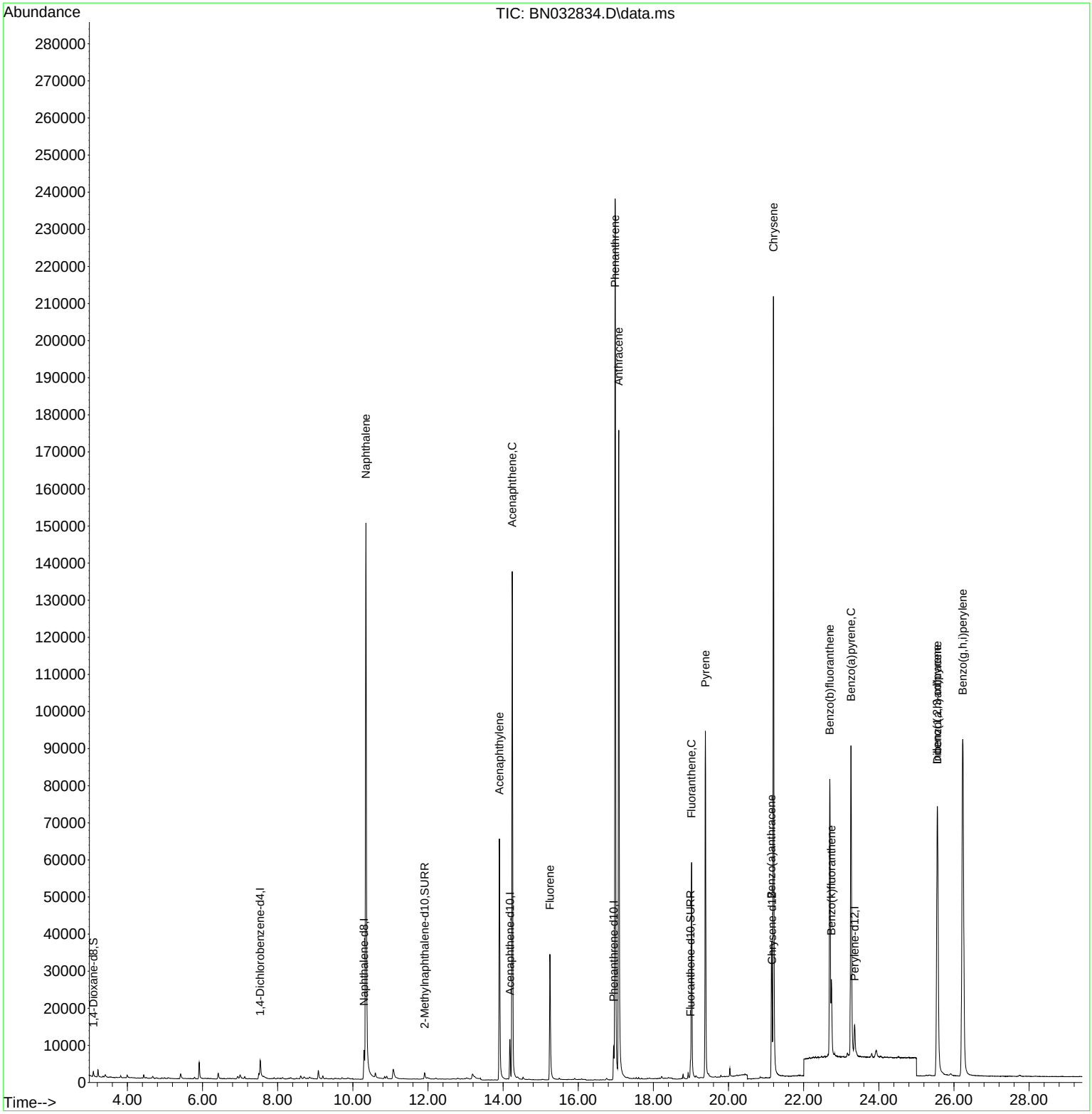
(#) = qualifier out of range (m) = manual integration (+) = signals summed

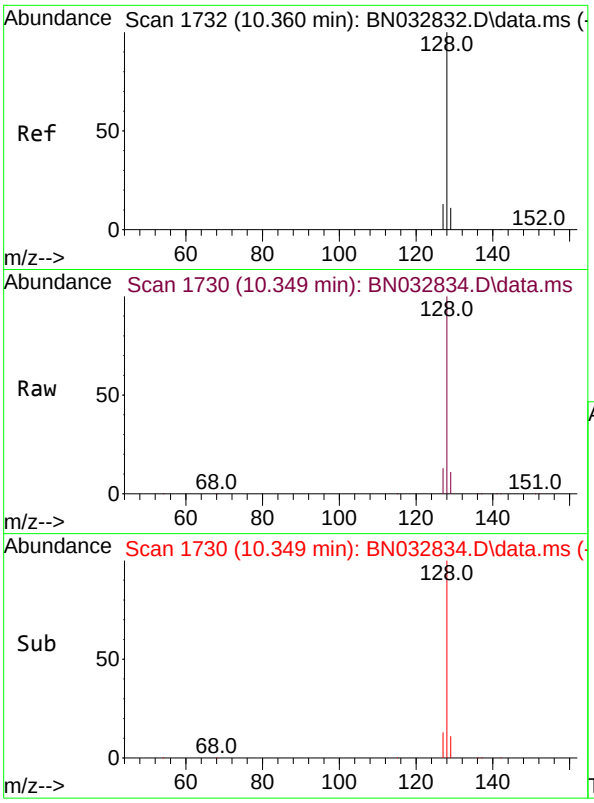
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071924\
Data File : BN032834.D
Acq On : 19 Jul 2024 10:35
Operator : MA/JU
Sample : P3238-24
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4DQ3

Quant Time: Jul 19 11:03:41 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 17 02:35:25 2024
Response via : Initial Calibration



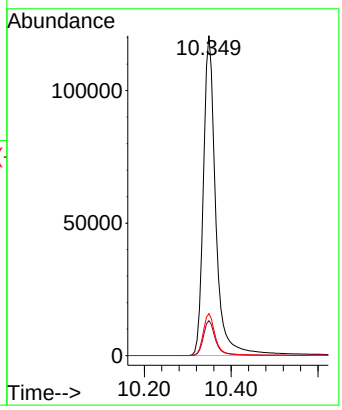


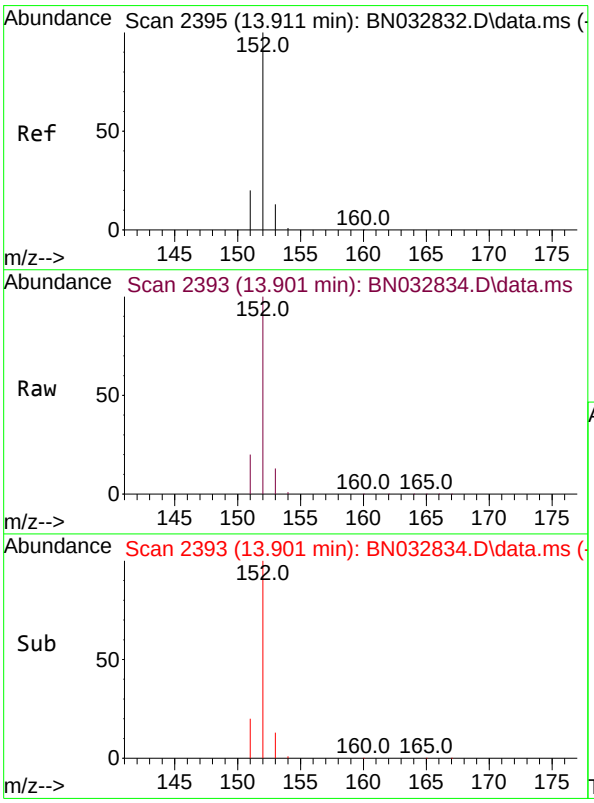
#5
Naphthalene
Concen: 7.205 ng/ul
RT: 10.349 min Scan# 1
Delta R.T. -0.022 min
Lab File: BN032834.D
Acq: 19 Jul 2024 10:35

Instrument :
BNA_N
ClientSampleId :
A4DQ3

Tgt Ion:128 Resp: 237585

Ion	Ratio	Lower	Upper
128	100		
129	11.0	10.0	15.0
127	13.1	11.6	17.4

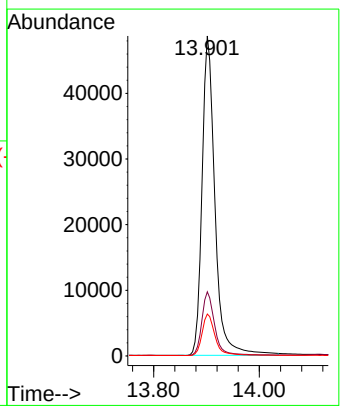


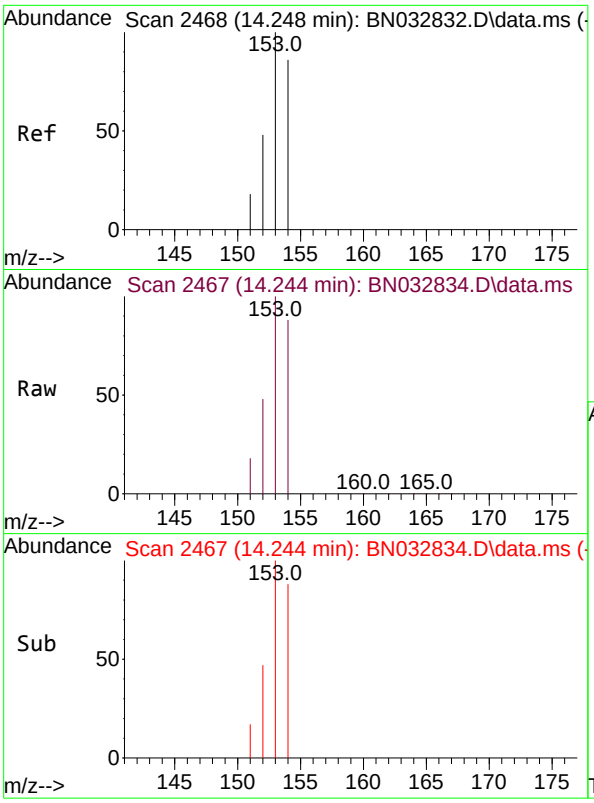


#10
Acenaphthylene
Concen: 3.179 ng/ul
RT: 13.901 min Scan# 2393
Delta R.T. -0.019 min
Lab File: BN032834.D
Acq: 19 Jul 2024 10:35

Tgt Ion:152 Resp: 82402

Ion	Ratio	Lower	Upper
152	100		
151	20.1	16.3	24.5
153	13.1	11.3	16.9



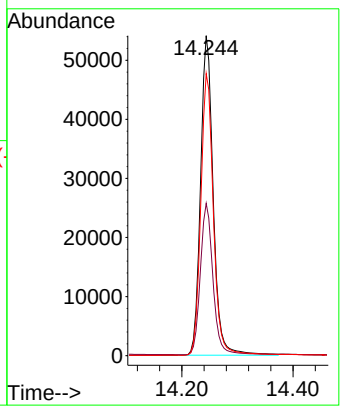


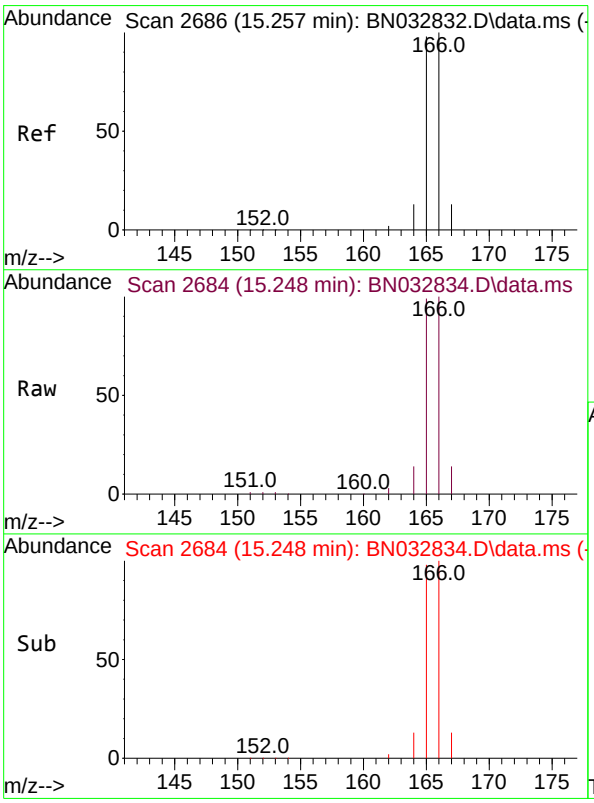
#11
Acenaphthene
Concen: 4.008 ng/ul
RT: 14.244 min Scan# 24
Delta R.T. -0.014 min
Lab File: BN032834.D
Acq: 19 Jul 2024 10:35

Instrument :
BNA_N
ClientSampleId :
A4DQ3

Tgt Ion:153 Resp: 85920

Ion	Ratio	Lower	Upper
153	100		
152	47.6	40.0	60.0
154	88.2	70.2	105.4

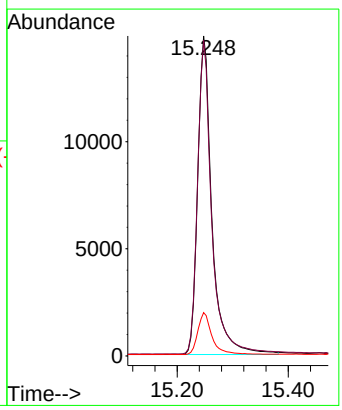


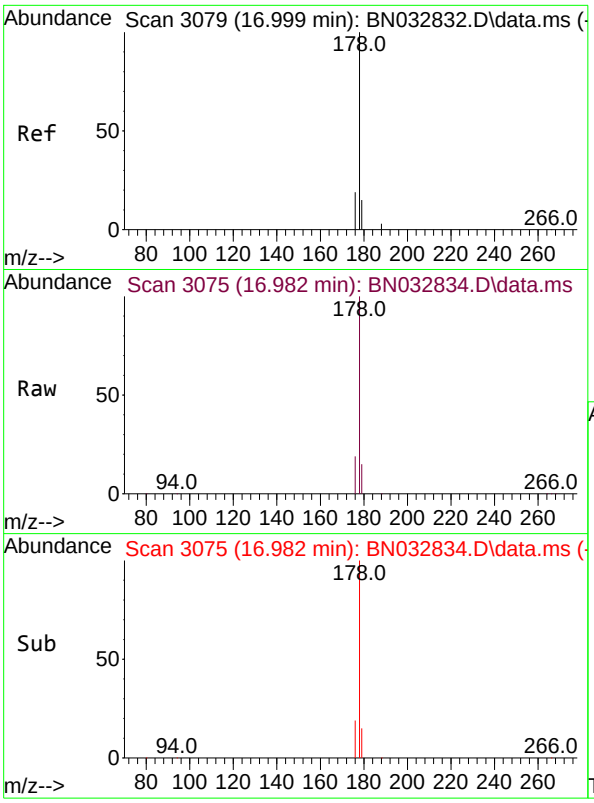


#12
Fluorene
Concen: 1.082 ng/ul
RT: 15.248 min Scan# 2684
Delta R.T. -0.019 min
Lab File: BN032834.D
Acq: 19 Jul 2024 10:35

Tgt Ion:166 Resp: 26508

Ion	Ratio	Lower	Upper
166	100		
165	98.6	79.7	119.5
167	13.6	11.4	17.2



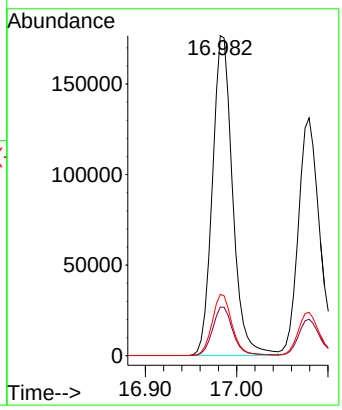


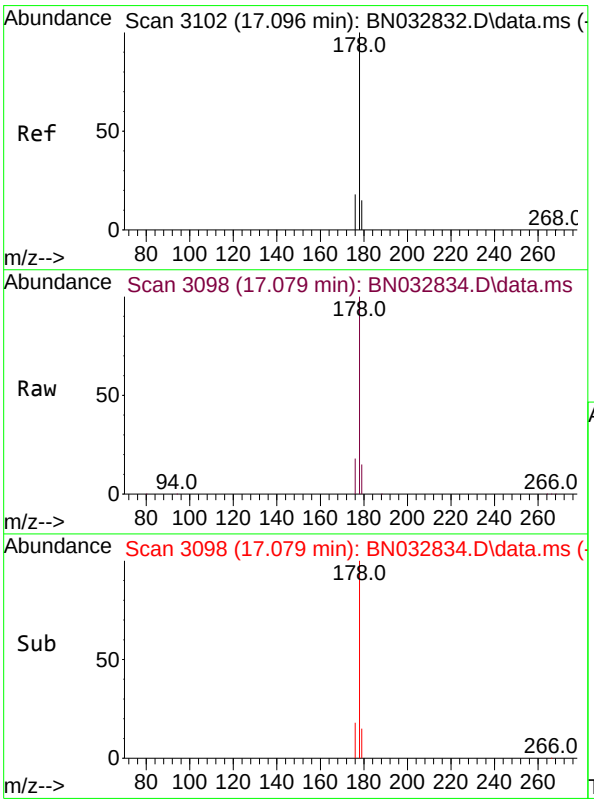
#15
Phenanthrene
Concen: 8.739 ng/ul
RT: 16.982 min Scan# 3
Delta R.T. -0.026 min
Lab File: BN032834.D
Acq: 19 Jul 2024 10:35

Instrument :
BNA_N
ClientSampleId :
A4DQ3

Tgt Ion:178 Resp: 270808

Ion	Ratio	Lower	Upper
178	100		
179	15.2	13.0	19.4
176	19.2	15.6	23.4

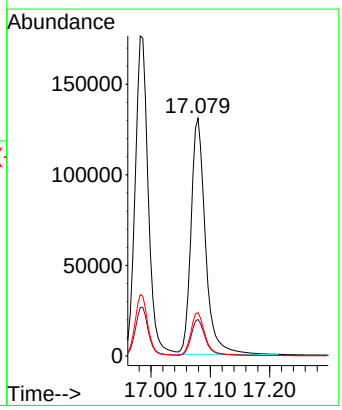


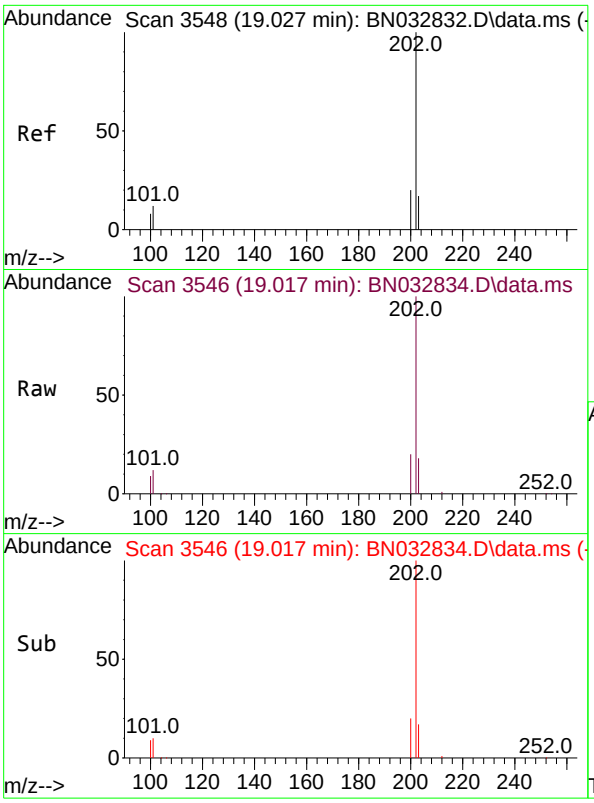


#16
Anthracene
Concen: 8.660 ng/ul
RT: 17.079 min Scan# 3098
Delta R.T. -0.026 min
Lab File: BN032834.D
Acq: 19 Jul 2024 10:35

Tgt Ion:178 Resp: 219257

Ion	Ratio	Lower	Upper
178	100		
179	15.3	13.4	20.2
176	18.2	15.4	23.0



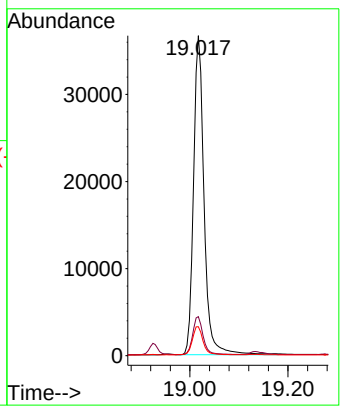


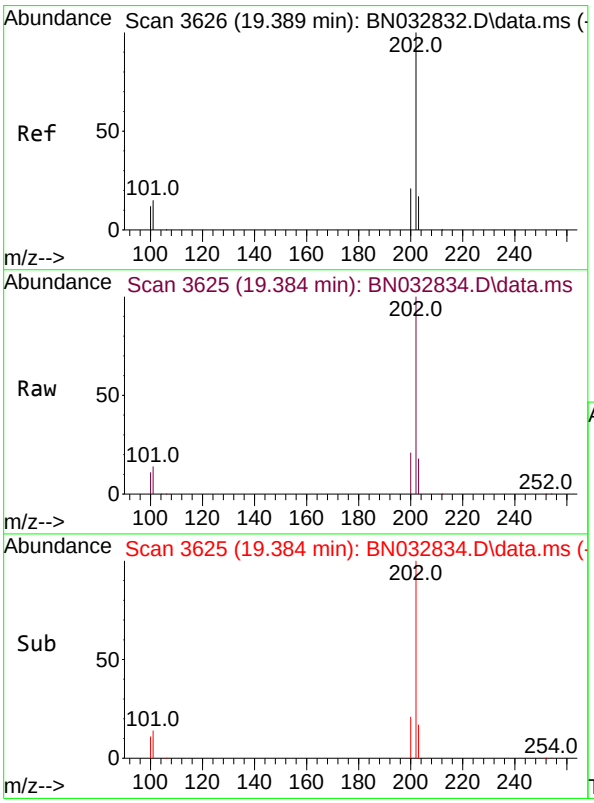
#19
Fluoranthene
Concen: 1.360 ng/ul
RT: 19.017 min Scan# 3
Delta R.T. -0.014 min
Lab File: BN032834.D
Acq: 19 Jul 2024 10:35

Instrument :
BNA_N
ClientSampleId :
A4DQ3

Tgt Ion:202 Resp: 54832

Ion	Ratio	Lower	Upper
202	100		
101	12.2	9.8	14.8
100	9.1	7.9	11.9

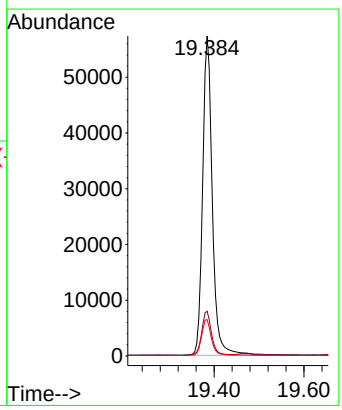


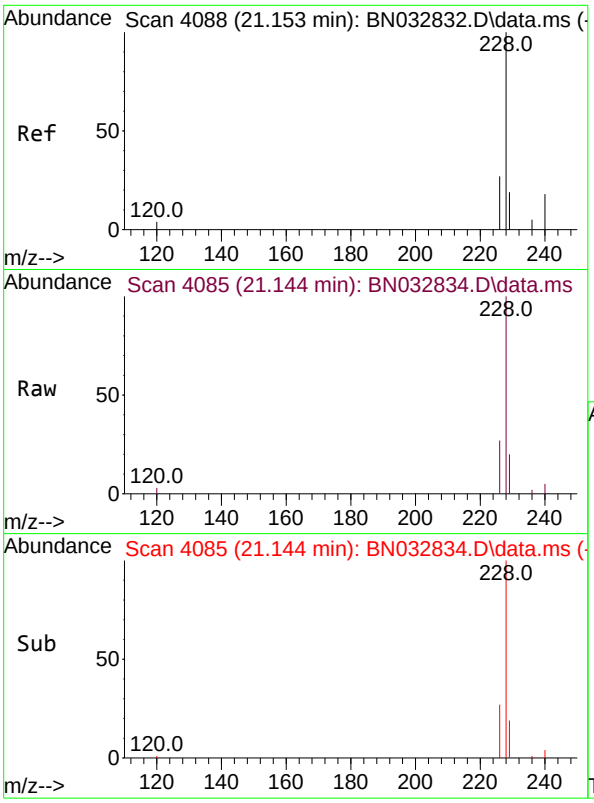


#20
Pyrene
Concen: 2.064 ng/ul
RT: 19.384 min Scan# 3625
Delta R.T. -0.014 min
Lab File: BN032834.D
Acq: 19 Jul 2024 10:35

Tgt Ion:202 Resp: 86109

Ion	Ratio	Lower	Upper
202	100		
101	14.0	11.8	17.6
100	11.3	9.6	14.4



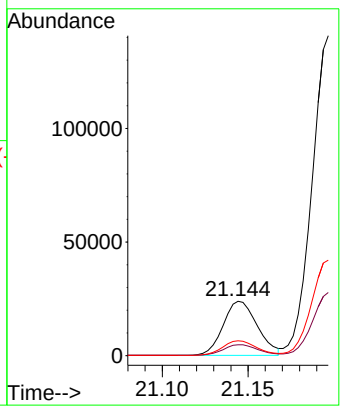


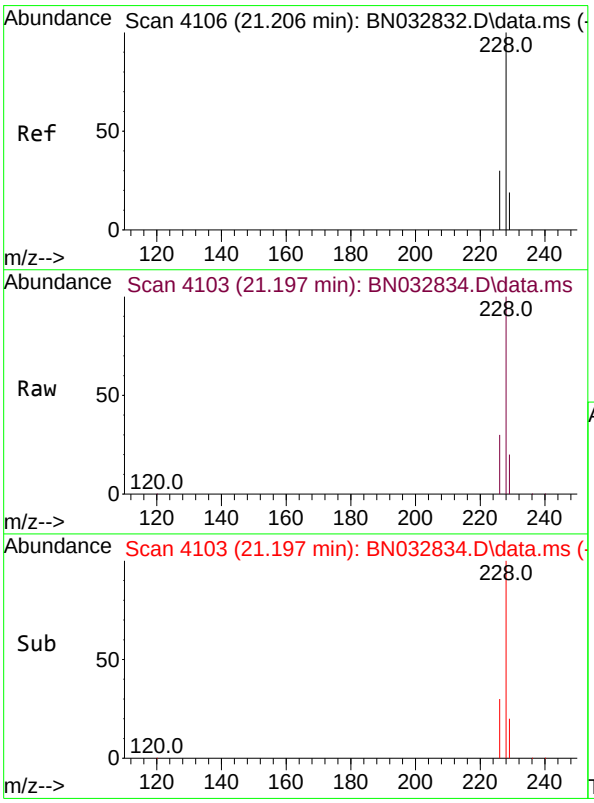
#21
Benzo(a)anthracene
Concen: 1.045 ng/ul
RT: 21.144 min Scan# 4
Delta R.T. -0.015 min
Lab File: BN032834.D
Acq: 19 Jul 2024 10:35

Instrument :
BNA_N
ClientSampleId :
A4DQ3

Tgt Ion:228 Resp: 32972

Ion	Ratio	Lower	Upper
228	100		
229	20.1	16.1	24.1
226	27.5	21.9	32.9

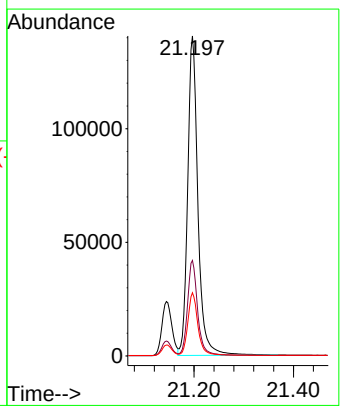


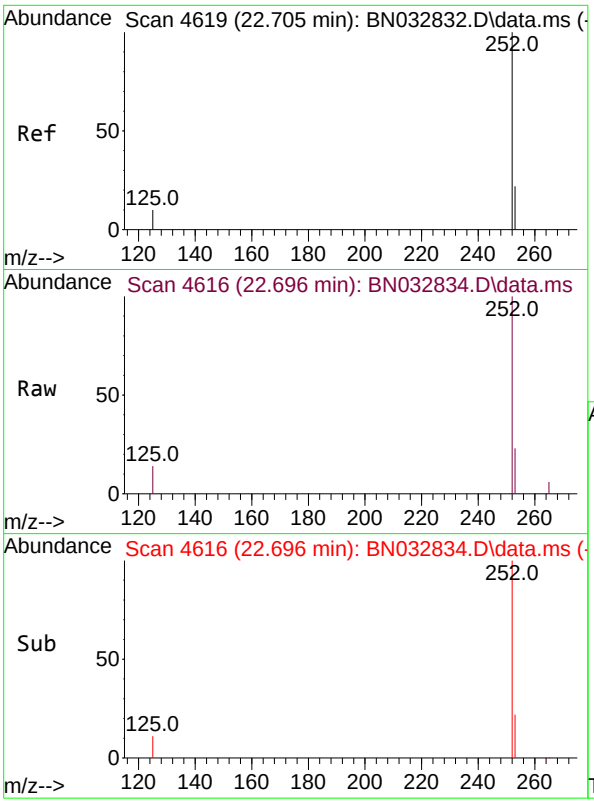


#22
Chrysene
Concen: 4.415 ng/ul
RT: 21.197 min Scan# 4103
Delta R.T. -0.015 min
Lab File: BN032834.D
Acq: 19 Jul 2024 10:35

Tgt Ion:228 Resp: 201545

Ion	Ratio	Lower	Upper
228	100		
226	29.9	24.0	36.0
229	19.8	15.8	23.6



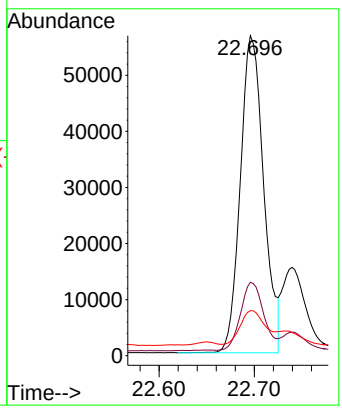


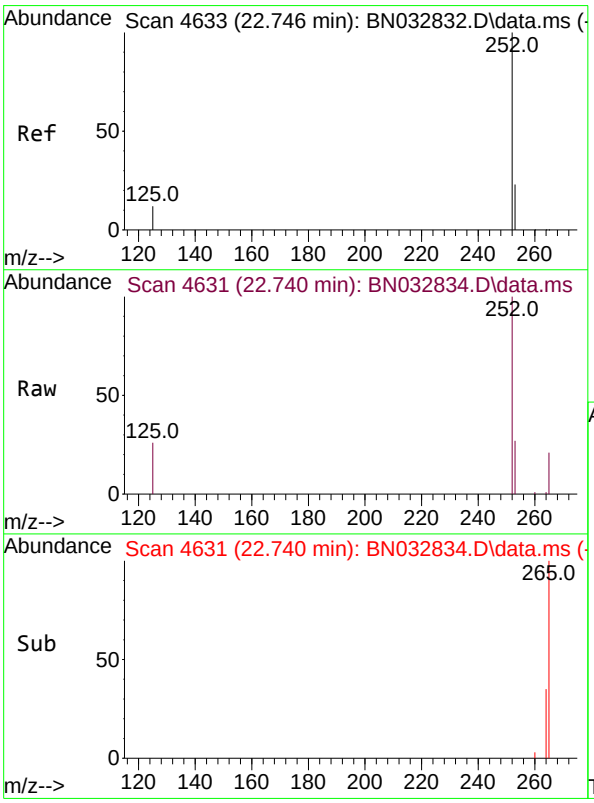
#24
Benzo(b)fluoranthene
Concen: 2.332 ng/ul
RT: 22.696 min Scan# 4
Delta R.T. -0.015 min
Lab File: BN032834.D
Acq: 19 Jul 2024 10:35

Instrument :
BNA_N
ClientSampleId :
A4DQ3

Tgt Ion:252 Resp: 96320

Ion	Ratio	Lower	Upper
252	100		
253	22.9	0.0	54.0
125	14.0	0.0	36.0

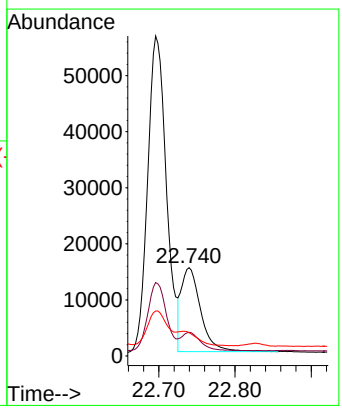


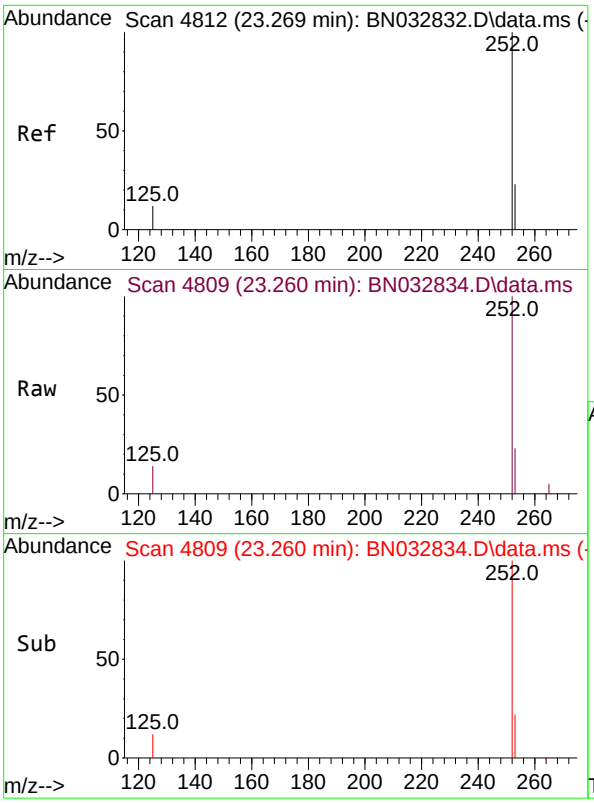


#25
Benzo(k)fluoranthene
Concen: 0.521 ng/ul
RT: 22.740 min Scan# 4631
Delta R.T. -0.015 min
Lab File: BN032834.D
Acq: 19 Jul 2024 10:35

Tgt Ion:252 Resp: 26251

Ion	Ratio	Lower	Upper
252	100		
253	26.8	21.2	31.8
125	26.3	14.8	22.2#



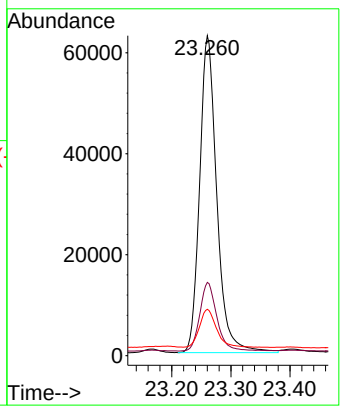


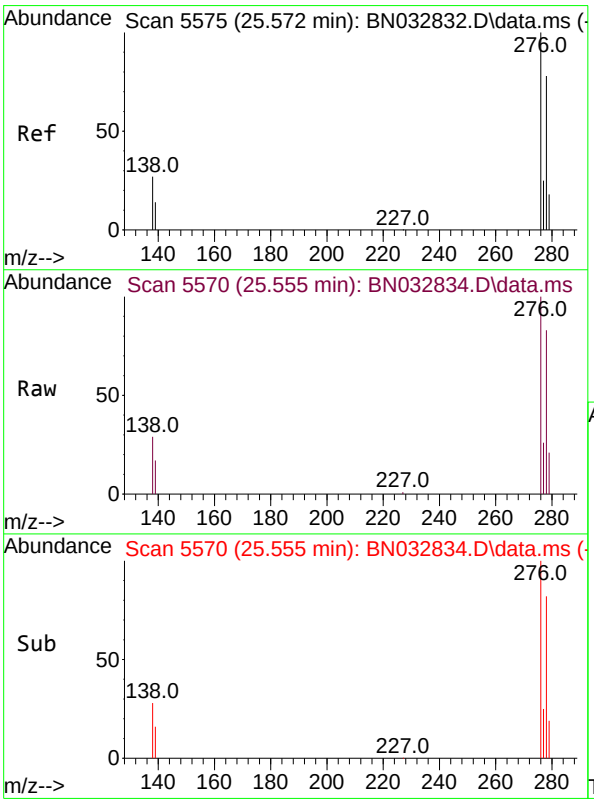
#26
Benzo(a)pyrene
Concen: 3.540 ng/ul
RT: 23.260 min Scan# 4
Delta R.T. -0.018 min
Lab File: BN032834.D
Acq: 19 Jul 2024 10:35

Instrument :
BNA_N
ClientSampleId :
A4DQ3

Tgt Ion:252 Resp: 126542

Ion	Ratio	Lower	Upper
252	100		
253	22.9	25.4	38.0#
125	14.5	20.6	30.8#

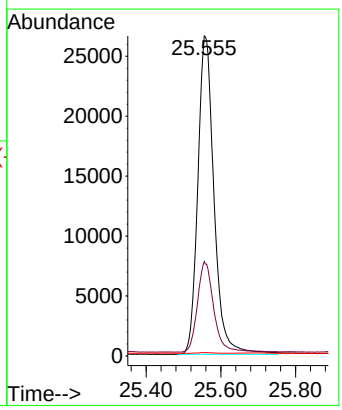


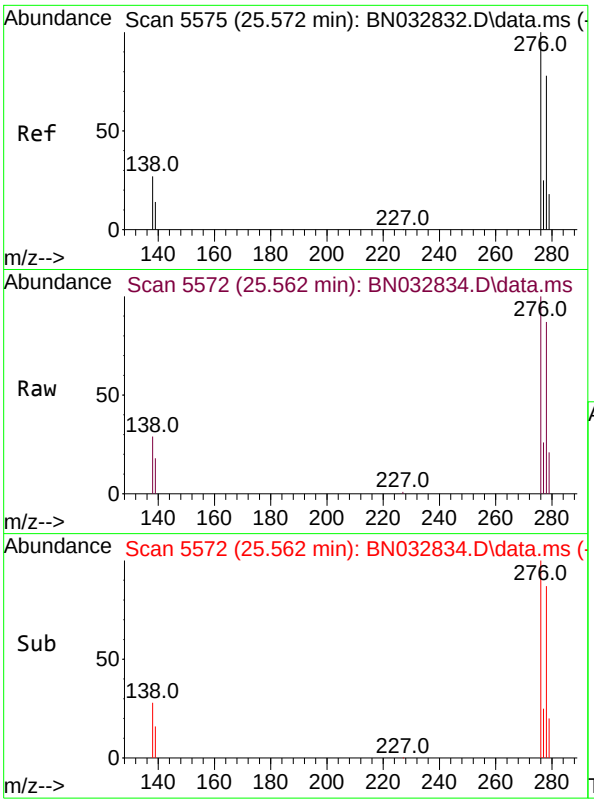


#27
Indeno(1,2,3-cd)pyrene
Concen: 1.656 ng/ul
RT: 25.555 min Scan# 5570
Delta R.T. -0.027 min
Lab File: BN032834.D
Acq: 19 Jul 2024 10:35

Tgt Ion:276 Resp: 80173

Ion	Ratio	Lower	Upper
276	100		
138	28.5	21.6	32.4
227	0.2	0.0	0.0#



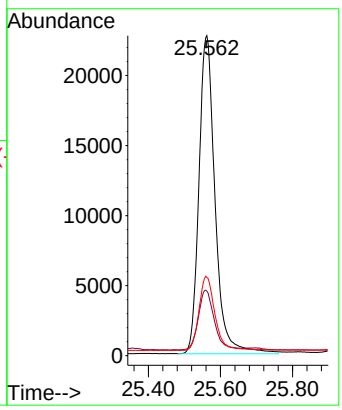


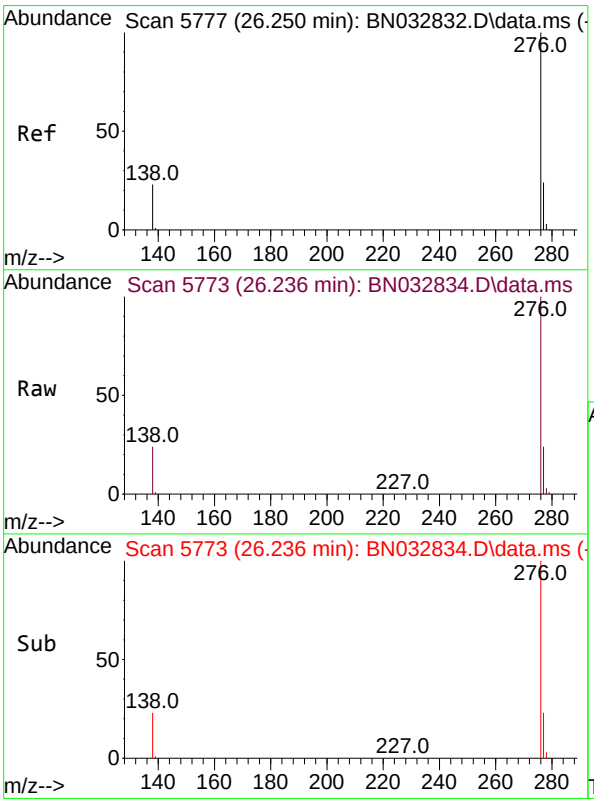
#28
Dibenzo(a,h)anthracene
Concen: 1.879 ng/ul
RT: 25.562 min Scan# 5
Delta R.T. -0.027 min
Lab File: BN032834.D
Acq: 19 Jul 2024 10:35

Instrument :
BNA_N
ClientSampleId :
A4DQ3

Tgt Ion:278 Resp: 70498

Ion	Ratio	Lower	Upper
278	100		
139	20.2	16.6	24.8
279	24.4	23.7	35.5





#29
Benzo(g,h,i)perylene
Concen: 5.026 ng/ul
RT: 26.236 min Scan# 5773
Delta R.T. -0.024 min
Lab File: BN032834.D
Acq: 19 Jul 2024 10:35

Tgt Ion:276 Resp: 203330

Ion	Ratio	Lower	Upper
276	100		
138	23.9	21.0	31.4
277	23.7	20.6	31.0