Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080124\
Data File : BN033127.D
Acq On : 31 Jul 2024 12:12
Operator : MA/JU
Sample : P3283-03
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4DQ9

Quant Time: Jul 31 12:49:20 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN072524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 30 14:49:49 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.499	152	2167	0.400	ng/ul	-0.05
4) Naphthalene-d8	10.245	136	7894	0.400	ng/ul	-0.07
9) Acenaphthene-d10	14.129	164	4757	0.400	ng/ul	-0.03
13) Phenanthrene-d10	16.899	188	10946	0.400	ng/ul	-0.04
17) Chrysene-d12	21.128	240	11508	0.400	ng/ul	-0.02
23) Perylene-d12	23.317	264	12714	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.056	96	1054	0.385	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.873	152	3817	0.296	ng/ul	-0.05
18) Fluoranthene-d10	18.940	212	11659	0.358	ng/ul	-0.03
Target Compounds						Qvalue
5) Naphthalene	10.295	128	192281	9.485	ng/ul#	92
10) Acenaphthylene	13.852	152	234725	12.057	ng/ul	96
11) Acenaphthene	14.189	153	308878	21.093	ng/ul	99
12) Fluorene	15.198	166	183458	10.749	ng/ul	98
15) Phenanthrene	16.937	178	511964	17.437	ng/ul	97
16) Anthracene	17.034	178	477402	18.086	ng/ul	96
19) Fluoranthene	18.972	202	395340	10.434	ng/ul	97
20) Pyrene	19.344	202	182736	4.497	ng/ul	98
21) Benzo(a)anthracene	21.113	228	55986	1.426	ng/ul	98
22) Chrysene	21.166	228	174997	3.820	ng/ul	97
24) Benzo(b)fluoranthene	22.653	252	173354	4.668	ng/ul	85
25) Benzo(k)fluoranthene	22.694	252	154231	3.465	ng/ul#	81
26) Benzo(a)pyrene	23.214	252	235816	6.746	ng/ul#	72
27) Indeno(1,2,3-cd)pyrene	25.487	276	251931	4.740	ng/ul#	97
28) Dibenzo(a,h)anthracene	25.480	278	240070	5.699	ng/ul#	84
29) Benzo(g,h,i)perylene	26.168	276	176648	4.183	ng/ul#	90

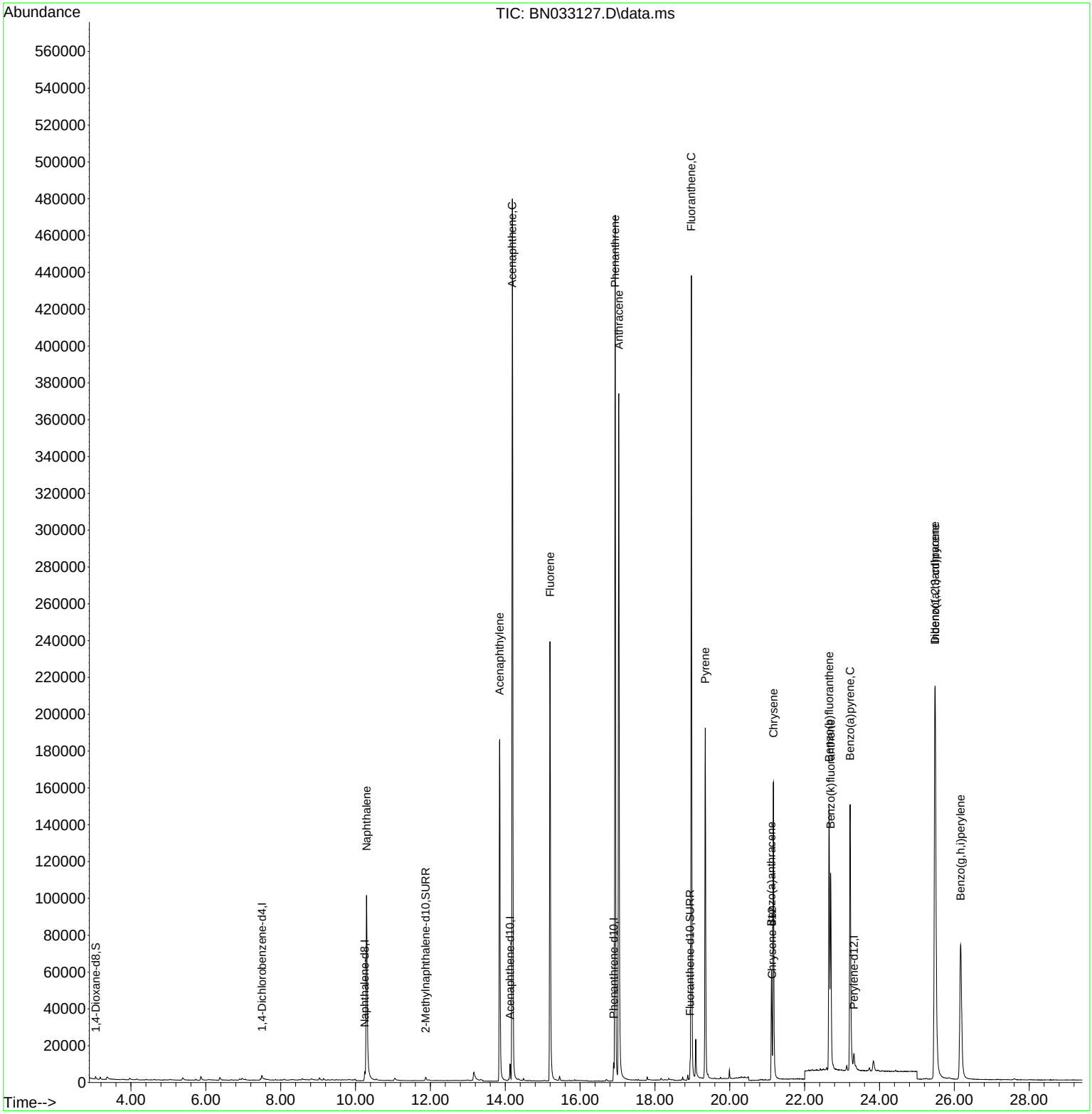
(#) = qualifier out of range (m) = manual integration (+) = signals summed

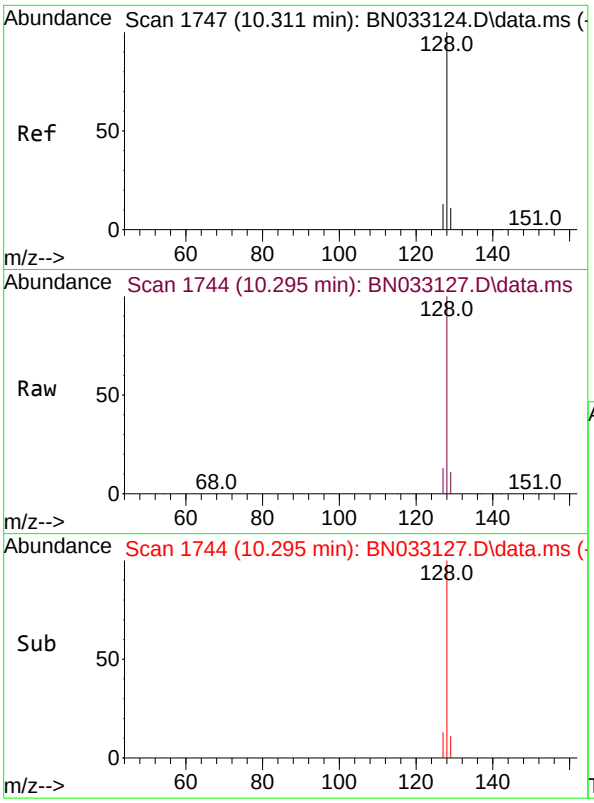
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080124\
Data File : BN033127.D
Acq On : 31 Jul 2024 12:12
Operator : MA/JU
Sample : P3283-03
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4DQ9

Quant Time: Jul 31 12:49:20 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN072524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 30 14:49:49 2024
Response via : Initial Calibration



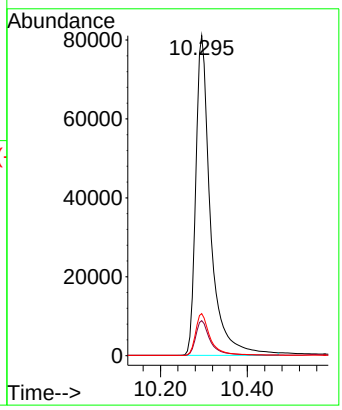


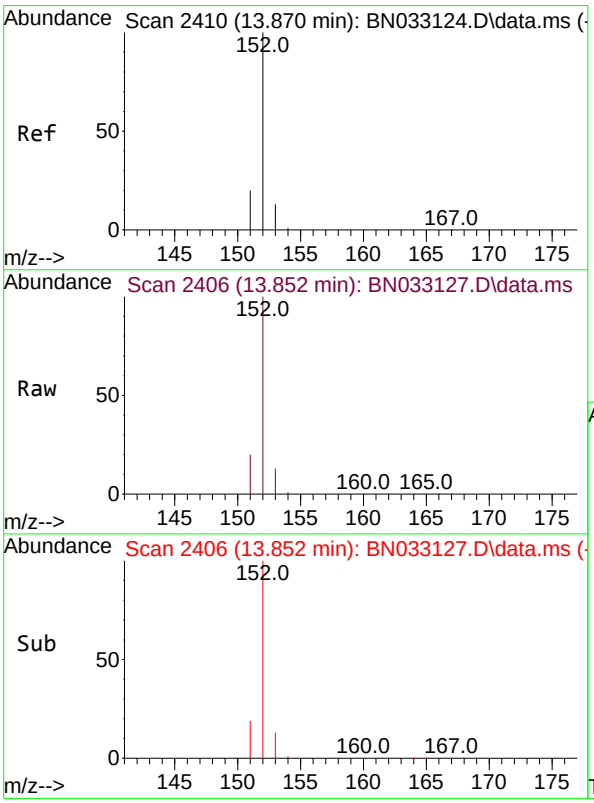
#5
Naphthalene
Concen: 9.485 ng/ul
RT: 10.295 min Scan# 1
Delta R.T. -0.082 min
Lab File: BN033127.D
Acq: 31 Jul 2024 12:12

Instrument :
BNA_N
ClientSampleId :
A4DQ9

Tgt Ion:128 Resp: 192281

Ion	Ratio	Lower	Upper
128	100		
129	10.9	12.0	18.0#
127	13.1	12.7	19.1

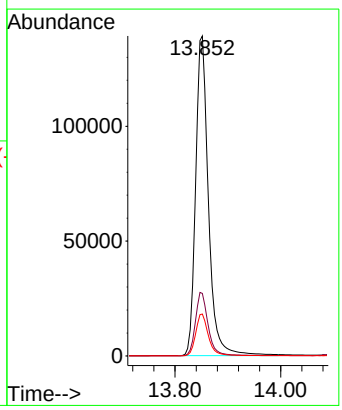


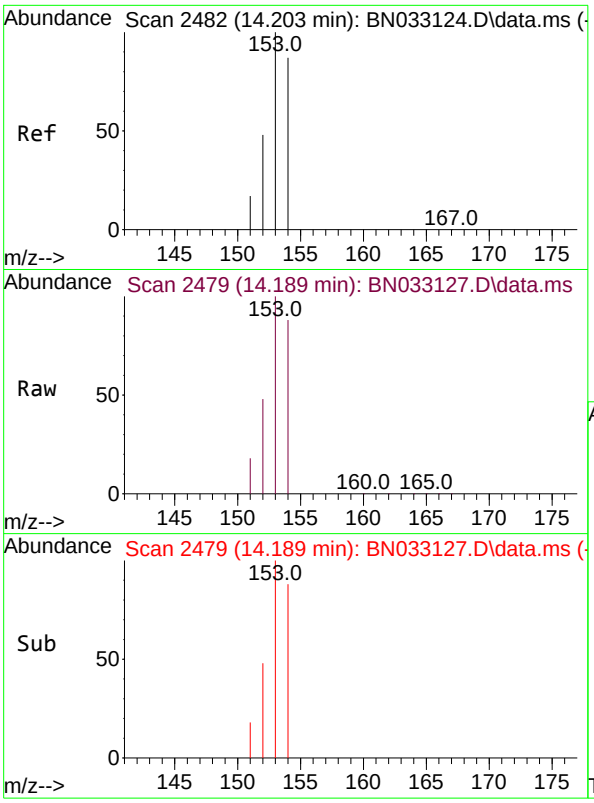


#10
Acenaphthylene
Concen: 12.057 ng/ul
RT: 13.852 min Scan# 2406
Delta R.T. -0.046 min
Lab File: BN033127.D
Acq: 31 Jul 2024 12:12

Tgt Ion:152 Resp: 234725

Ion	Ratio	Lower	Upper
152	100		
151	19.5	16.8	25.2
153	13.1	11.9	17.9



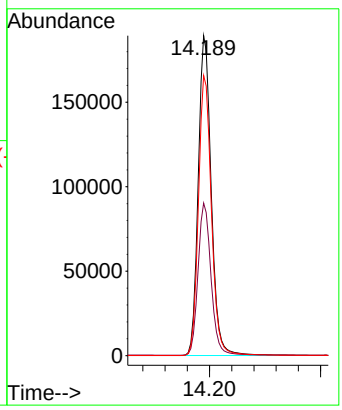


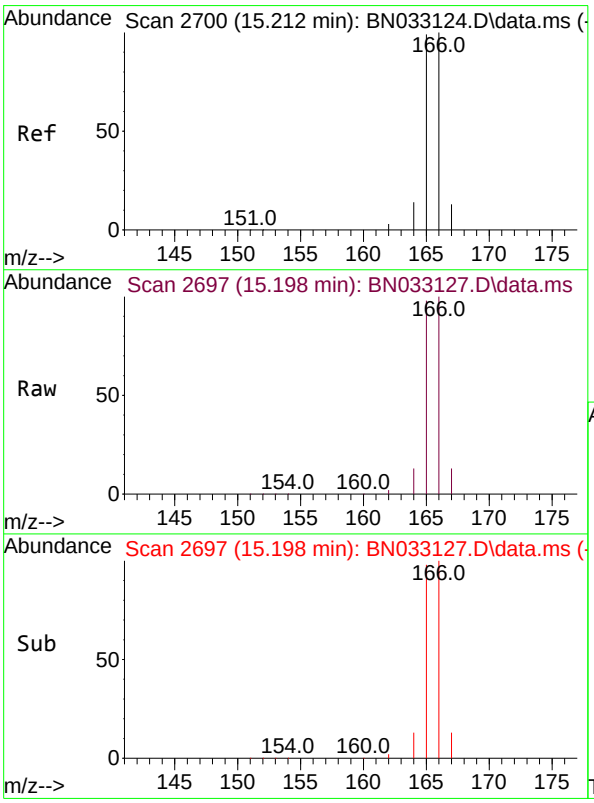
#11
Acenaphthene
Concen: 21.093 ng/ul
RT: 14.189 min Scan# 24
Delta R.T. -0.037 min
Lab File: BN033127.D
Acq: 31 Jul 2024 12:12

Instrument :
BNA_N
ClientSampleId :
A4DQ9

Tgt Ion:153 Resp: 308878

Ion	Ratio	Lower	Upper
153	100		
152	47.7	40.0	60.0
154	87.5	70.1	105.1

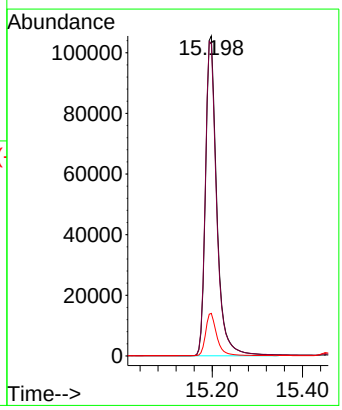


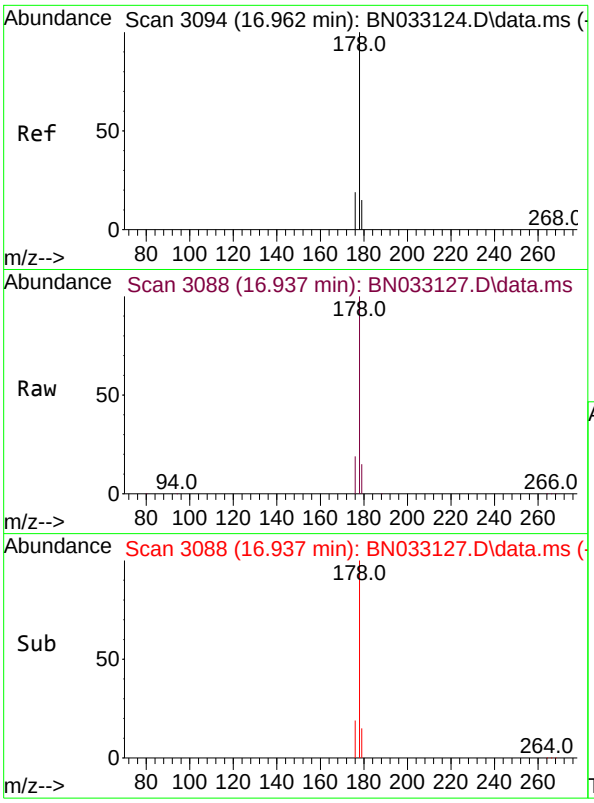


#12
Fluorene
Concen: 10.749 ng/ul
RT: 15.198 min Scan# 2697
Delta R.T. -0.051 min
Lab File: BN033127.D
Acq: 31 Jul 2024 12:12

Tgt Ion:166 Resp: 183458

Ion	Ratio	Lower	Upper
166	100		
165	97.7	79.6	119.4
167	13.3	12.2	18.4



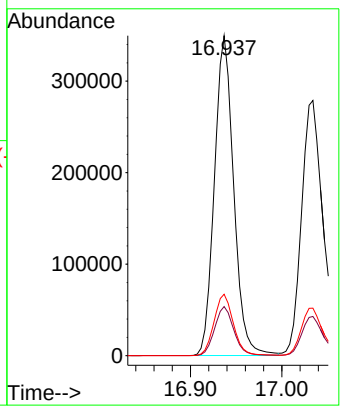


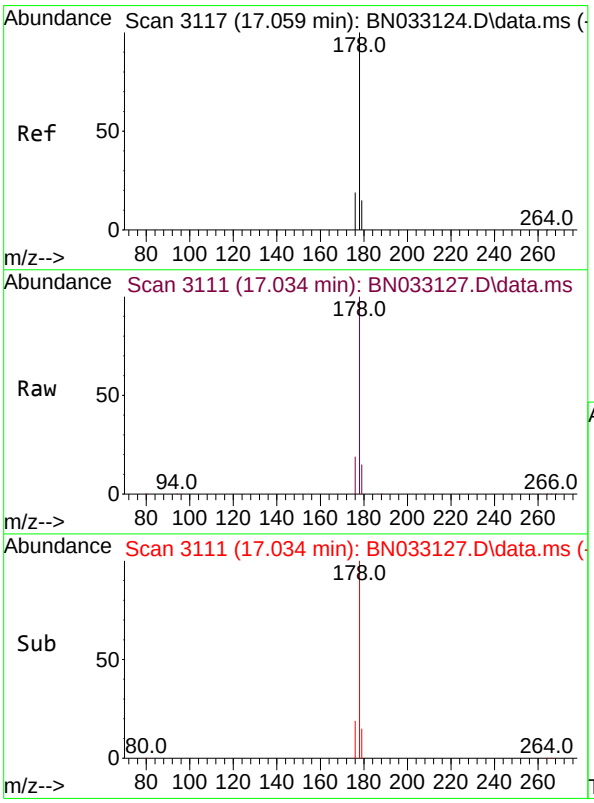
#15
Phenanthrene
Concen: 17.437 ng/ul
RT: 16.937 min Scan# 3
Delta R.T. -0.046 min
Lab File: BN033127.D
Acq: 31 Jul 2024 12:12

Instrument :
BNA_N
ClientSampleId :
A4DQ9

Tgt Ion:178 Resp: 511964

Ion	Ratio	Lower	Upper
178	100		
179	15.3	13.7	20.5
176	19.2	15.9	23.9

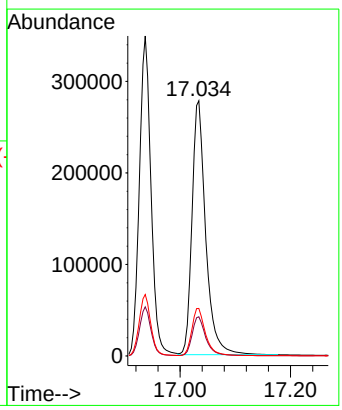


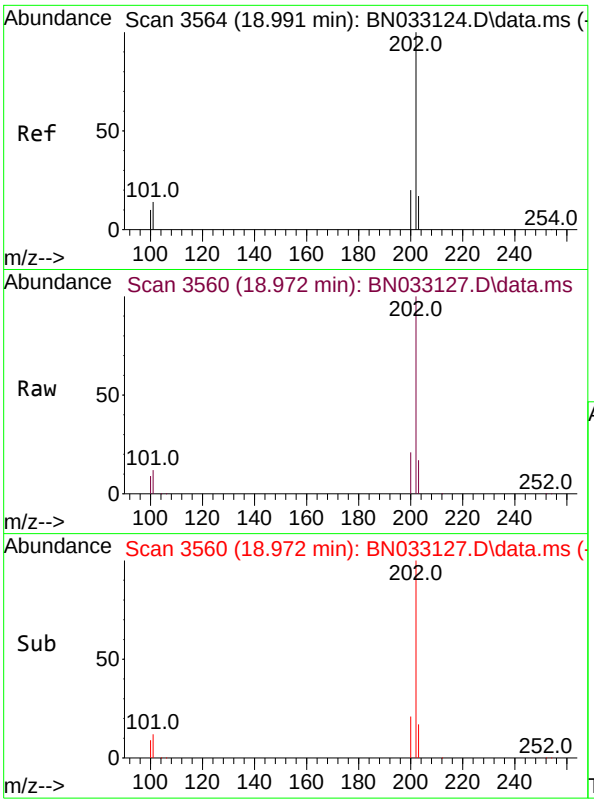


#16
Anthracene
Concen: 18.086 ng/ul
RT: 17.034 min Scan# 3111
Delta R.T. -0.055 min
Lab File: BN033127.D
Acq: 31 Jul 2024 12:12

Tgt Ion:178 Resp: 477402

Ion	Ratio	Lower	Upper
178	100		
179	15.3	14.3	21.5
176	18.6	15.8	23.8



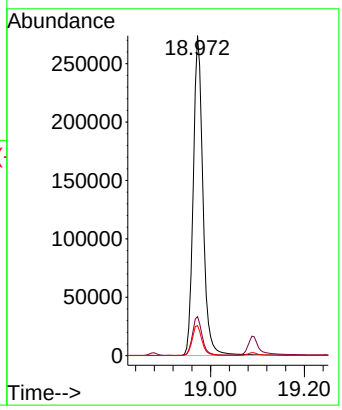


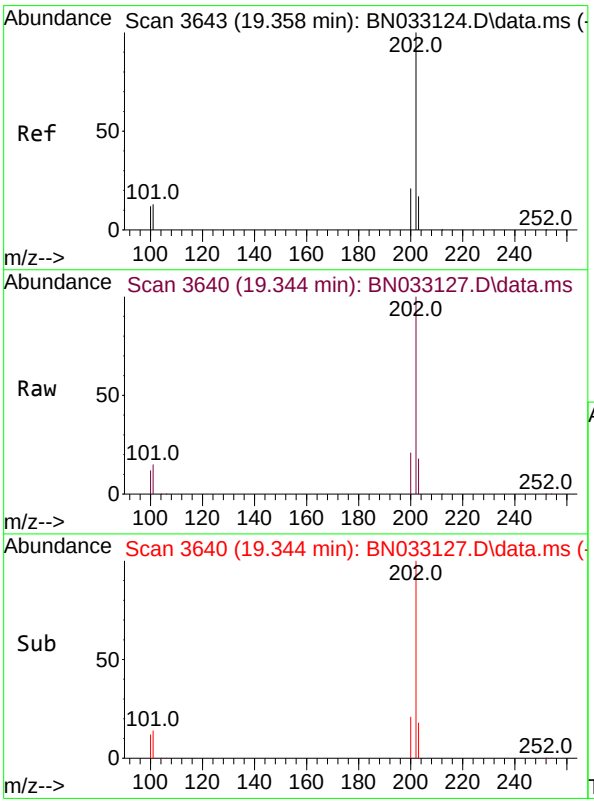
#19
Fluoranthene
Concen: 10.434 ng/ul
RT: 18.972 min Scan# 3
Delta R.T. -0.032 min
Lab File: BN033127.D
Acq: 31 Jul 2024 12:12

Instrument :
BNA_N
ClientSampleId :
A4DQ9

Tgt Ion:202 Resp: 395340

Ion	Ratio	Lower	Upper
202	100		
101	12.2	10.7	16.1
100	9.4	8.3	12.5

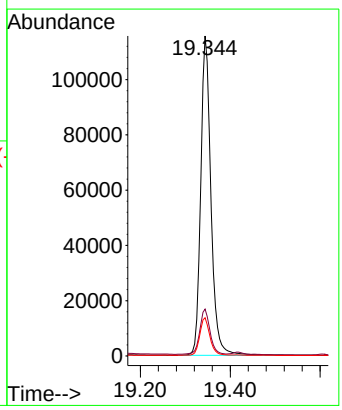


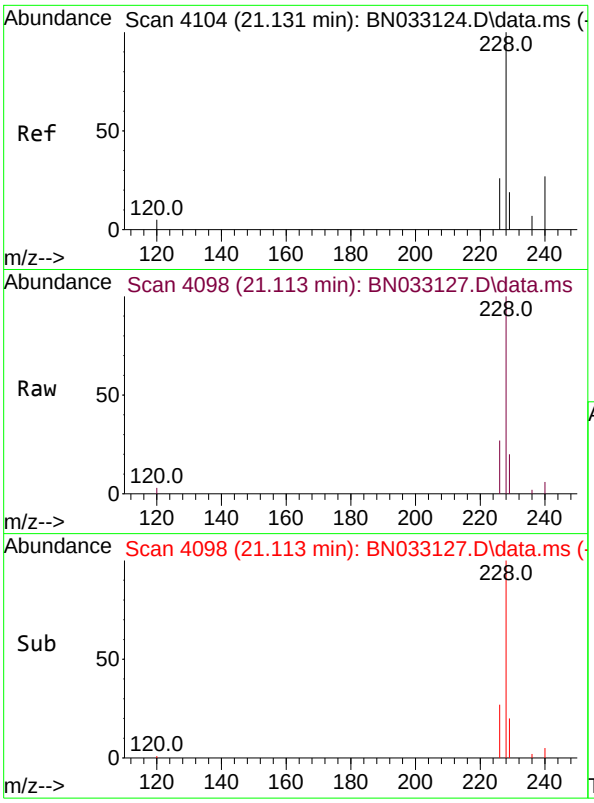


#20
Pyrene
Concen: 4.497 ng/ul
RT: 19.344 min Scan# 3640
Delta R.T. -0.028 min
Lab File: BN033127.D
Acq: 31 Jul 2024 12:12

Tgt Ion:202 Resp: 182736

Ion	Ratio	Lower	Upper
202	100		
101	14.7	12.6	18.8
100	11.9	9.9	14.9



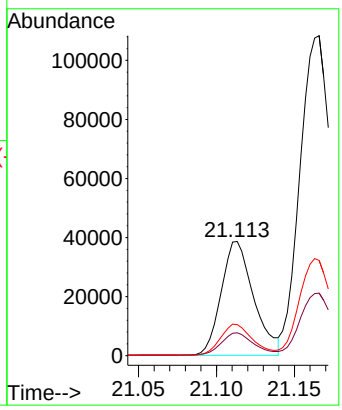


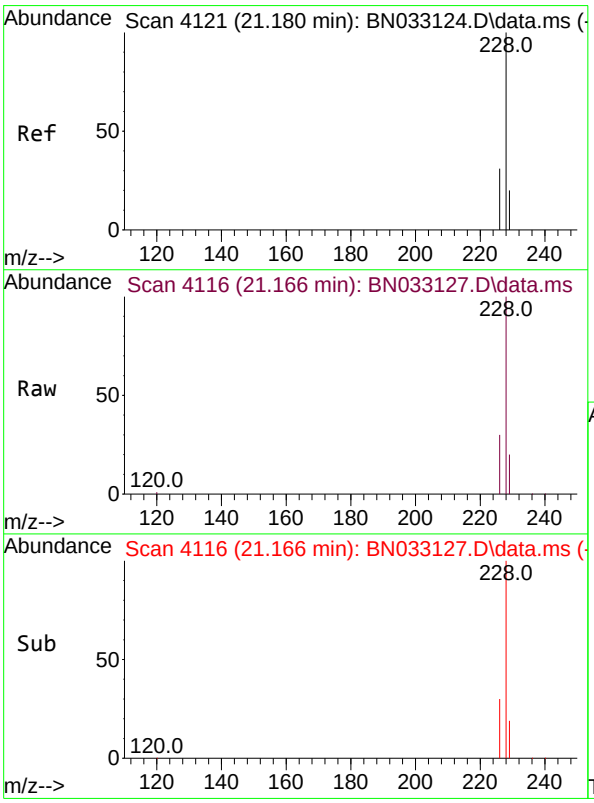
#21
Benzo(a)anthracene
Concen: 1.426 ng/ul
RT: 21.113 min Scan# 4
Delta R.T. -0.023 min
Lab File: BN033127.D
Acq: 31 Jul 2024 12:12

Instrument :
BNA_N
ClientSampleId :
A4DQ9

Tgt Ion:228 Resp: 55986

Ion	Ratio	Lower	Upper
228	100		
229	20.0	17.1	25.7
226	27.2	22.4	33.6

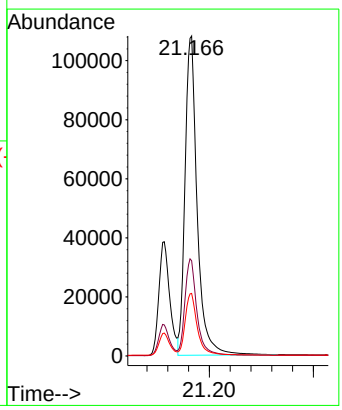


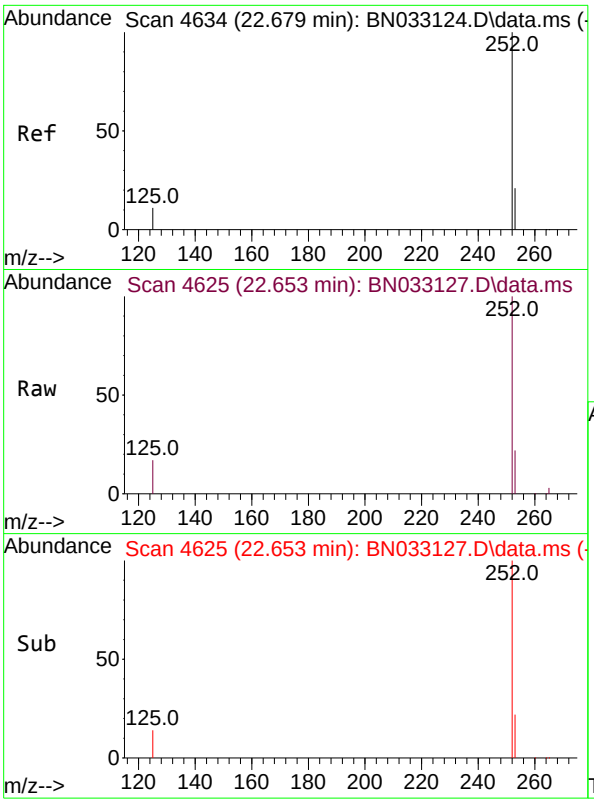


#22
Chrysene
Concen: 3.820 ng/ul
RT: 21.166 min Scan# 4116
Delta R.T. -0.023 min
Lab File: BN033127.D
Acq: 31 Jul 2024 12:12

Tgt Ion:228 Resp: 174997

Ion	Ratio	Lower	Upper
228	100		
226	29.8	24.7	37.1
229	19.6	17.0	25.6



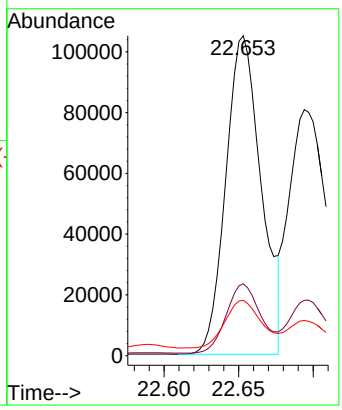


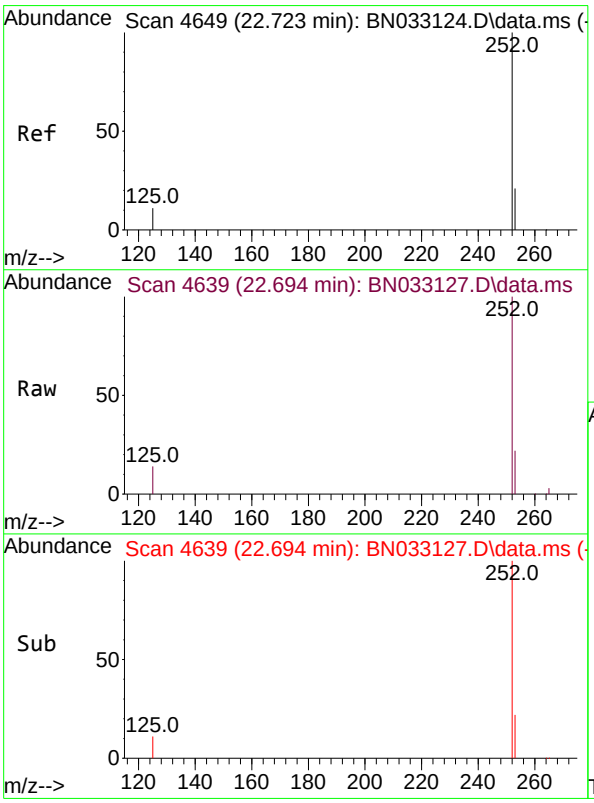
#24
Benzo(b)fluoranthene
Concen: 4.668 ng/ul
RT: 22.653 min Scan# 4
Delta R.T. -0.029 min
Lab File: BN033127.D
Acq: 31 Jul 2024 12:12

Instrument :
BNA_N
ClientSampleId :
A4DQ9

Tgt Ion:252 Resp: 173354

Ion	Ratio	Lower	Upper
252	100		
253	22.4	0.0	60.6
125	17.3	0.0	51.0

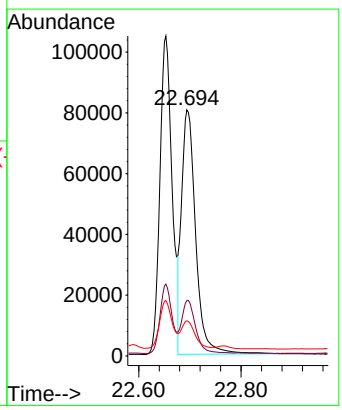


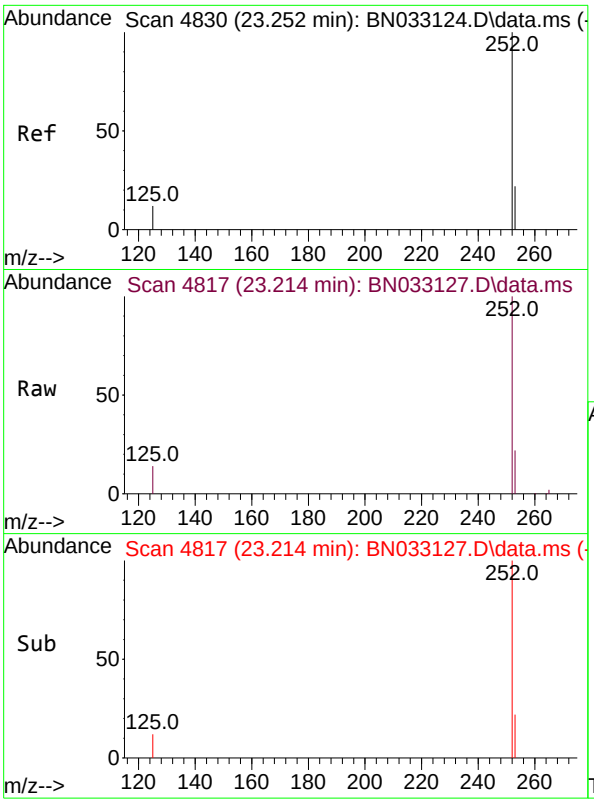


#25
Benzo(k)fluoranthene
Concen: 3.465 ng/ul
RT: 22.694 min Scan# 4639
Delta R.T. -0.032 min
Lab File: BN033127.D
Acq: 31 Jul 2024 12:12

Tgt Ion:252 Resp: 154231

Ion	Ratio	Lower	Upper
252	100		
253	22.5	24.9	37.3#
125	14.3	20.9	31.3#



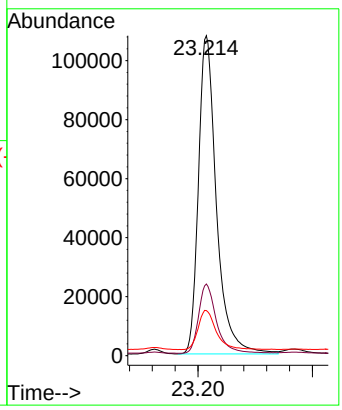


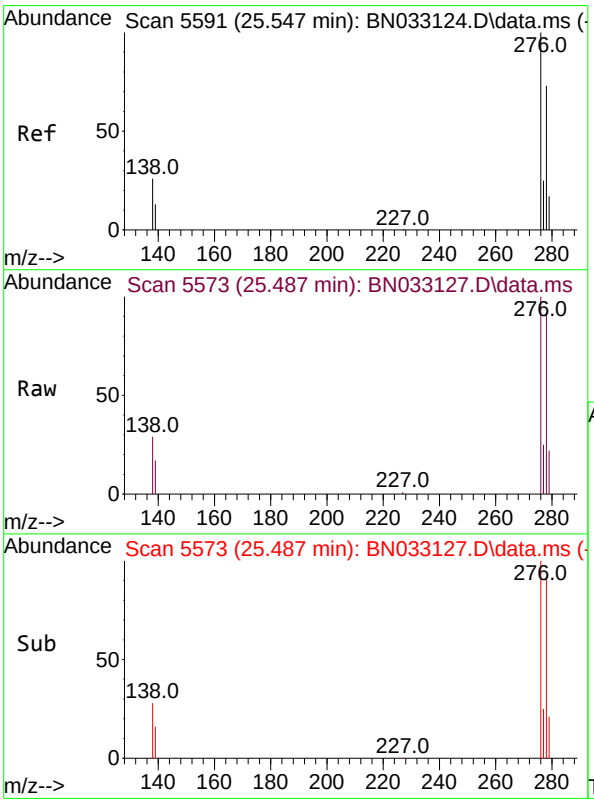
#26
Benzo(a)pyrene
Concen: 6.746 ng/ul
RT: 23.214 min Scan# 4
Delta R.T. -0.035 min
Lab File: BN033127.D
Acq: 31 Jul 2024 12:12

Instrument :
BNA_N
ClientSampleId :
A4DQ9

Tgt Ion:252 Resp: 235816

Ion	Ratio	Lower	Upper
252	100		
253	22.4	27.5	41.3#
125	14.1	27.0	40.6#

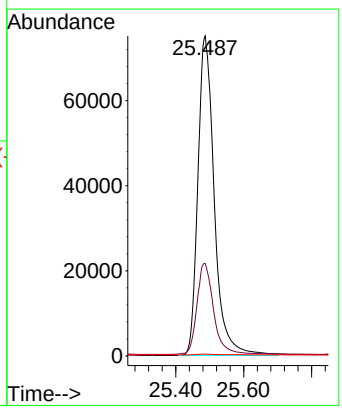


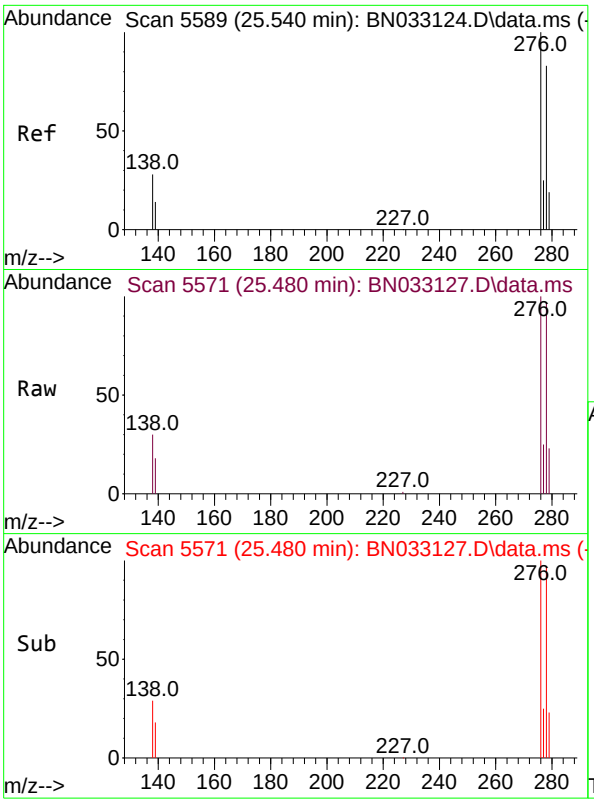


#27
Indeno(1,2,3-cd)pyrene
Concen: 4.740 ng/ul
RT: 25.487 min Scan# 5573
Delta R.T. -0.053 min
Lab File: BN033127.D
Acq: 31 Jul 2024 12:12

Tgt Ion:276 Resp: 251931

Ion	Ratio	Lower	Upper
276	100		
138	29.0	21.8	32.8
227	0.3	0.2	0.2#



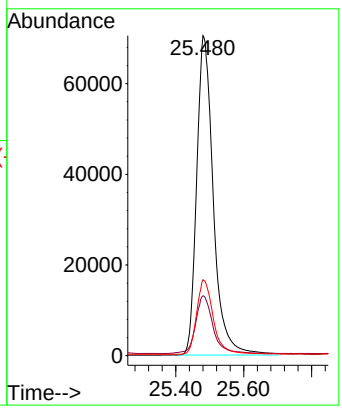


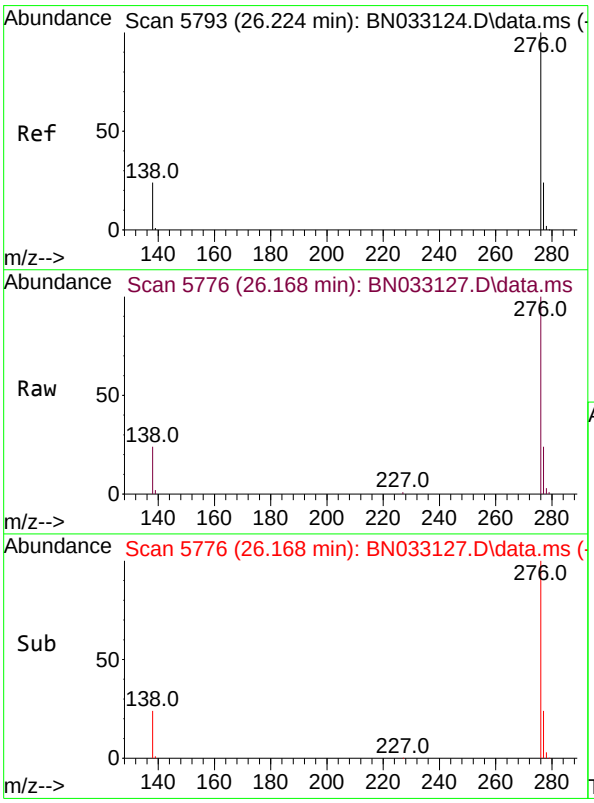
#28
Dibenzo(a,h)anthracene
Concen: 5.699 ng/ul
RT: 25.480 min Scan# 5
Delta R.T. -0.060 min
Lab File: BN033127.D
Acq: 31 Jul 2024 12:12

Instrument :
BNA_N
ClientSampleId :
A4DQ9

Tgt Ion:278 Resp: 240070

Ion	Ratio	Lower	Upper
278	100		
139	18.7	22.5	33.7#
279	23.8	25.5	38.3#





#29
Benzo(g,h,i)perylene
Concen: 4.183 ng/ul
RT: 26.168 min Scan# 5776
Delta R.T. -0.050 min
Lab File: BN033127.D
Acq: 31 Jul 2024 12:12

Tgt Ion:276 Resp: 176648

Ion	Ratio	Lower	Upper
276	100		
138	24.2	24.6	37.0#
277	23.9	22.6	34.0