Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072624\
Data File : BN032992.D
Acq On : 26 Jul 2024 12:06
Operator : MA/JU
Sample : P3287-03
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
XB502

Quant Time: Jul 26 12:46:02 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 : Thu Jul 25 15:43:00 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.512	152	3516	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.273	136	12602	0.400	ng/ul	#-0.03
9) Acenaphthene-d10	14.152	164	7566	0.400	ng/ul	-0.02
13) Phenanthrene-d10	16.916	188	17282	0.400	ng/ul	-0.03
17) Chrysene-d12	21.143	240	16156	0.400	ng/ul	-0.02
23) Perylene-d12	23.334	264	18180	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.069	96	1501	0.337	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.890	152	5074	0.247	ng/ul	-0.02
18) Fluoranthene-d10	18.963	212	15767	0.345	ng/ul	-0.02
Target Compounds						Qvalue
5) Naphthalene	10.317	128	260151	8.039	ng/ul#	92
10) Acenaphthylene	13.875	152	333084	10.757	ng/ul	96
11) Acenaphthene	14.213	153	408982	17.560	ng/ul	99
12) Fluorene	15.217	166	252153	9.289	ng/ul	97
15) Phenanthrene	16.958	178	713595	15.394	ng/ul	97
16) Anthracene	17.051	178	686689	16.477	ng/ul	96
19) Fluoranthene	18.991	202	537105	10.097	ng/ul	99
20) Pyrene	19.363	202	246572	4.322	ng/ul	97
21) Benzo(a)anthracene	21.128	228	73990	1.343	ng/ul	98
22) Chrysene	21.178	228	225437	3.505	ng/ul	98
24) Benzo(b)fluoranthene	22.674	252	222552	4.191	ng/ul	82
25) Benzo(k)fluoranthene	22.715	252	200838	3.156	ng/ul#	82
26) Benzo(a)pyrene	23.235	252	323074	6.464	ng/ul#	72
27) Indeno(1,2,3-cd)pyrene	25.517	276	352779	4.642	ng/ul	97
28) Dibenzo(a,h)anthracene	25.517	278	335723	5.573	ng/ul#	84
29) Benzo(g,h,i)perylene	26.198	276	249400	4.130	ng/ul#	90

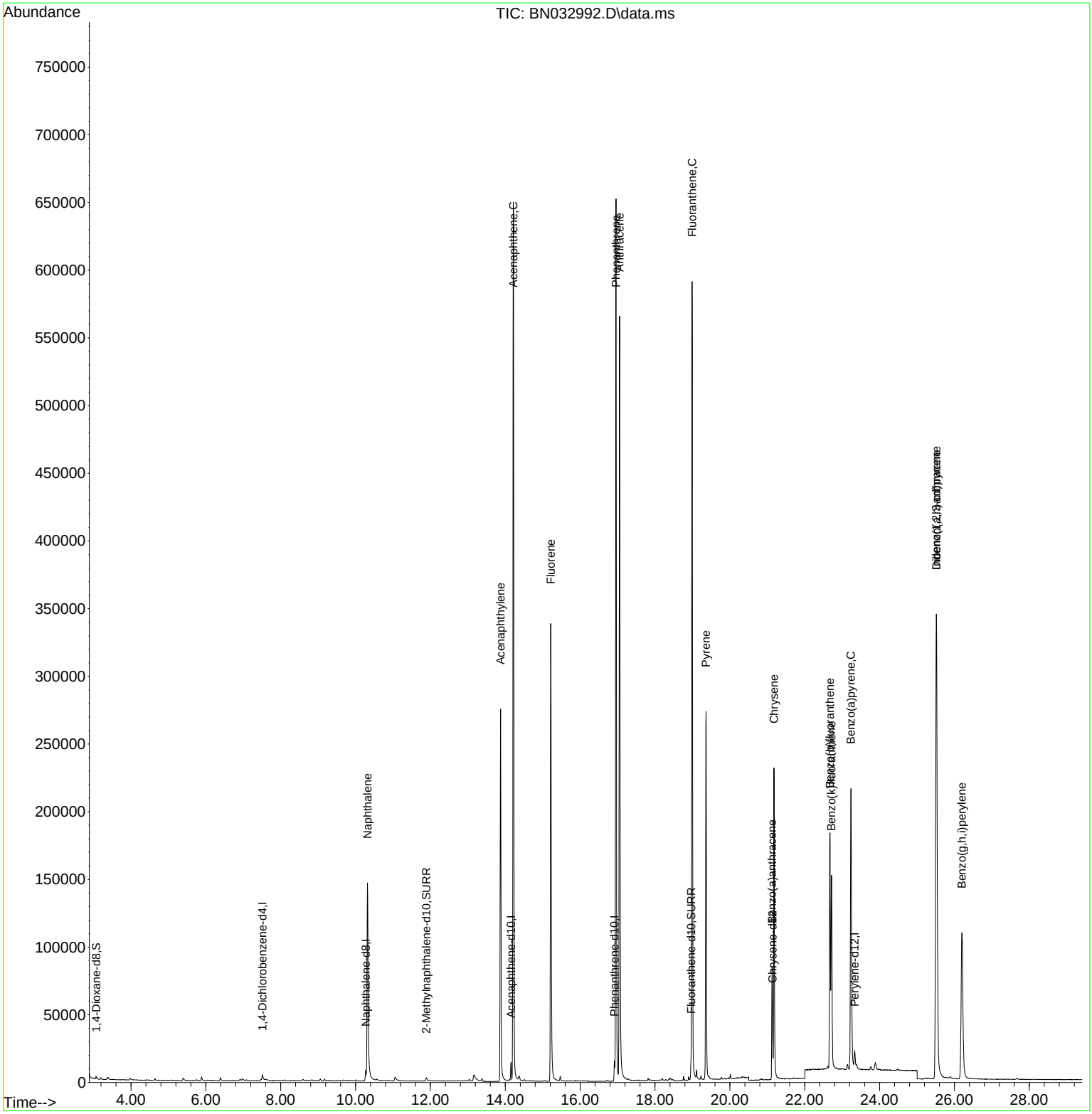
(#) = qualifier out of range (m) = manual integration (+) = signals summed

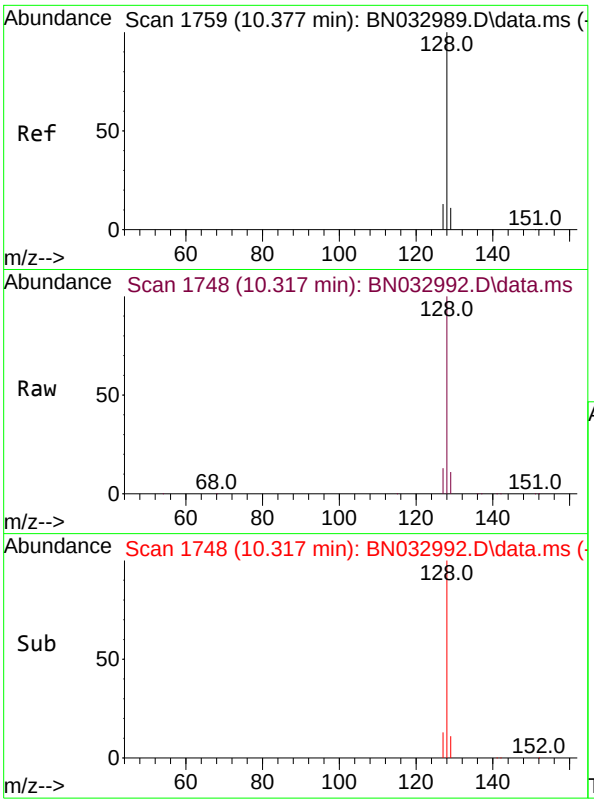
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072624\
Data File : BN032992.D
Acq On : 26 Jul 2024 12:06
Operator : MA/JU
Sample : P3287-03
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
XB502

Quant Time: Jul 26 12:46:02 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 : Thu Jul 25 15:43:00 2024
Response via : Initial Calibration



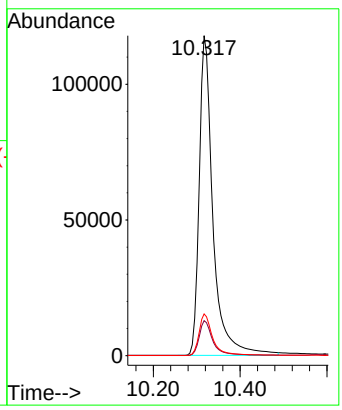


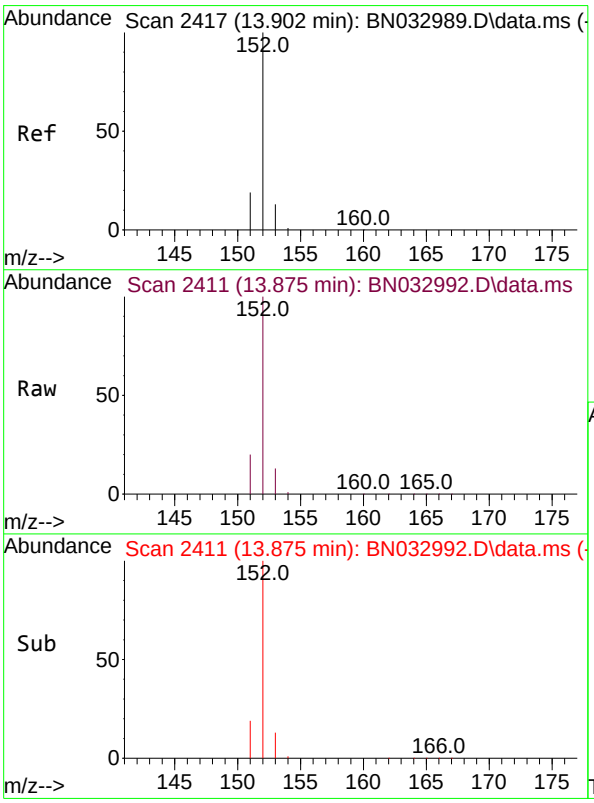
#5
Naphthalene
Concen: 8.039 ng/ul
RT: 10.317 min Scan# 1
Delta R.T. -0.033 min
Lab File: BN032992.D
Acq: 26 Jul 2024 12:06

Instrument :
BNA_N
ClientSampleId :
XB502

Tgt Ion:128 Resp: 260151

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

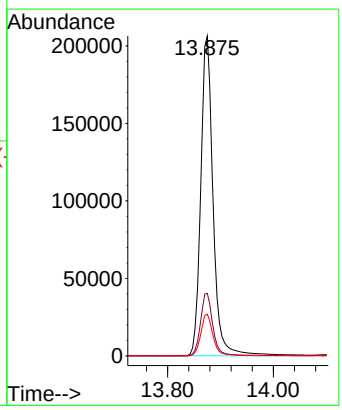


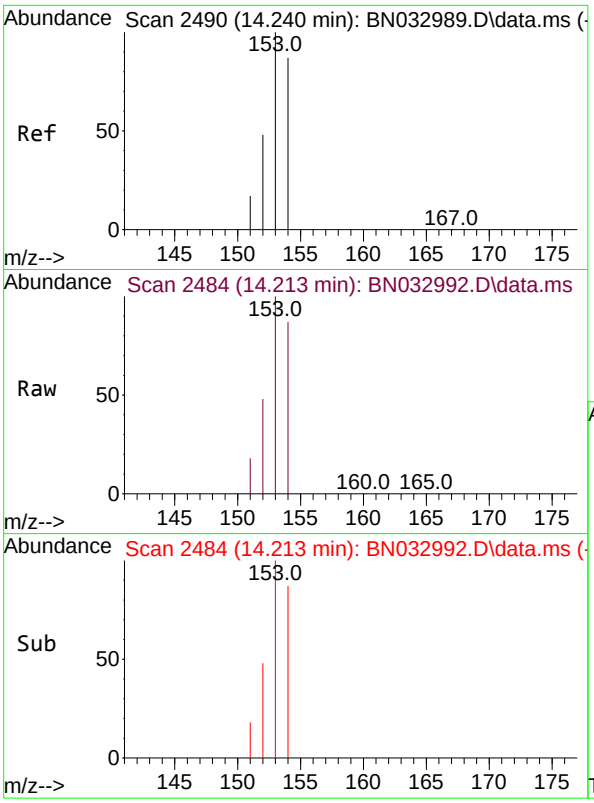


#10
Acenaphthylene
Concen: 10.757 ng/ul
RT: 13.875 min Scan# 2411
Delta R.T. -0.023 min
Lab File: BN032992.D
Acq: 26 Jul 2024 12:06

Tgt Ion:152 Resp: 333084

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



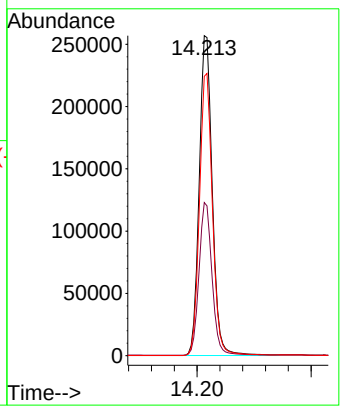


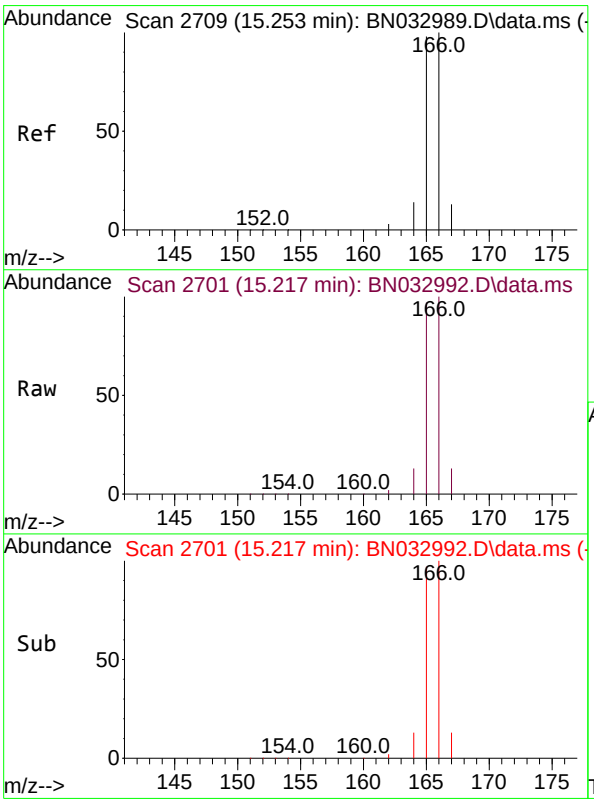
#11
Acenaphthene
Concen: 17.560 ng/ul
RT: 14.213 min Scan# 24
Delta R.T. -0.023 min
Lab File: BN032992.D
Acq: 26 Jul 2024 12:06

Instrument :
BNA_N
ClientSampleId :
XB502

Tgt Ion:153 Resp: 408982

Ion	Ratio	Lower	Upper
153	100		
152	47.8	40.0	60.0
154	87.3	70.1	105.1

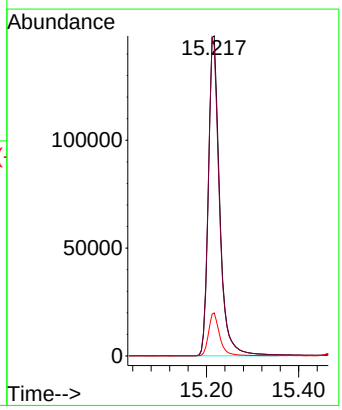


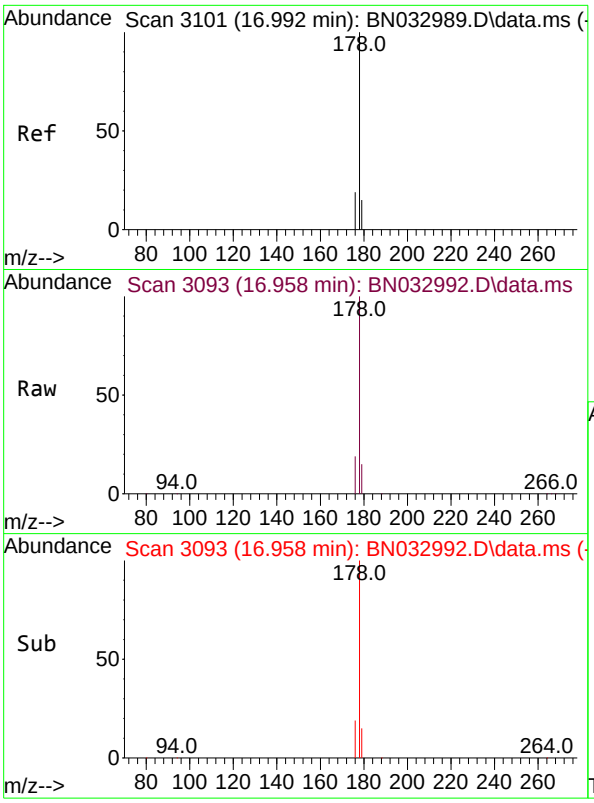


#12
Fluorene
Concen: 9.289 ng/ul
RT: 15.217 min Scan# 2701
Delta R.T. -0.028 min
Lab File: BN032992.D
Acq: 26 Jul 2024 12:06

Tgt Ion:166 Resp: 252153

Ion	Ratio	Lower	Upper
166	100		
165	96.9	79.6	119.4
167	13.5	12.2	18.4



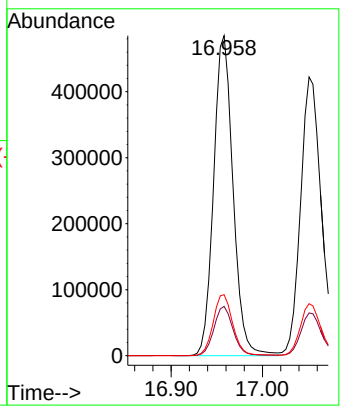


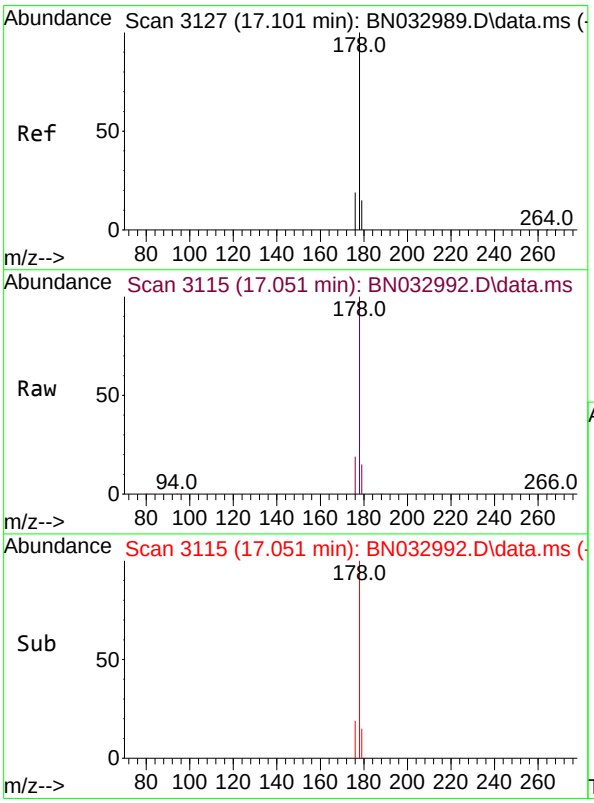
#15
Phenanthrene
Concen: 15.394 ng/ul
RT: 16.958 min Scan# 3
Delta R.T. -0.029 min
Lab File: BN032992.D
Acq: 26 Jul 2024 12:06

Instrument :
BNA_N
ClientSampleId :
XB502

Tgt Ion:178 Resp: 713595

Ion	Ratio	Lower	Upper
178	100		
179	15.4	13.7	20.5
176	19.1	15.9	23.9

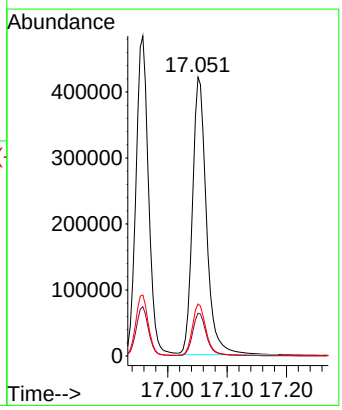


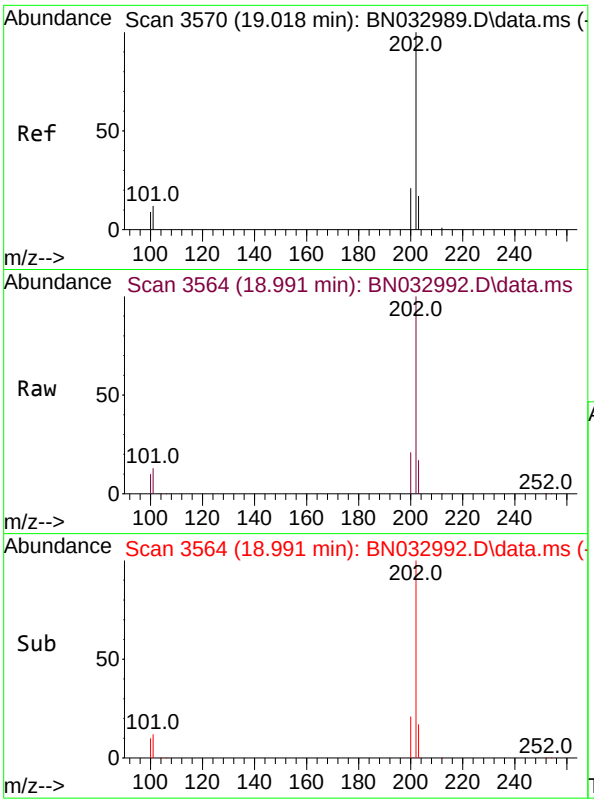


#16
Anthracene
Concen: 16.477 ng/ul
RT: 17.051 min Scan# 3115
Delta R.T. -0.034 min
Lab File: BN032992.D
Acq: 26 Jul 2024 12:06

Tgt Ion:178 Resp: 686689

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



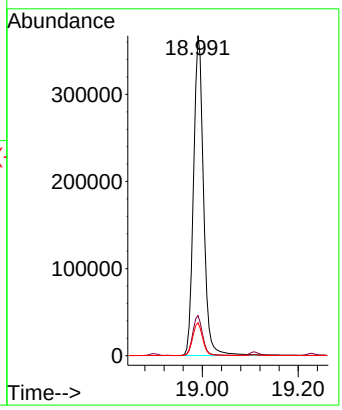


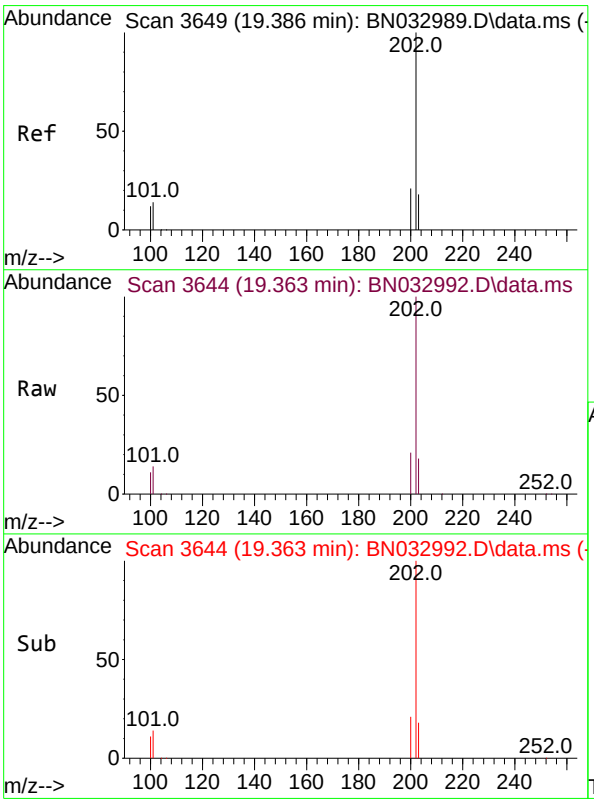
#19
Fluoranthene
Concen: 10.097 ng/ul
RT: 18.991 min Scan# 3
Delta R.T. -0.023 min
Lab File: BN032992.D
Acq: 26 Jul 2024 12:06

Instrument :
BNA_N
ClientSampleId :
XB502

Tgt Ion:202 Resp: 537105

Ion	Ratio	Lower	Upper
202	100		
101	12.6	10.7	16.1
100	10.3	8.3	12.5

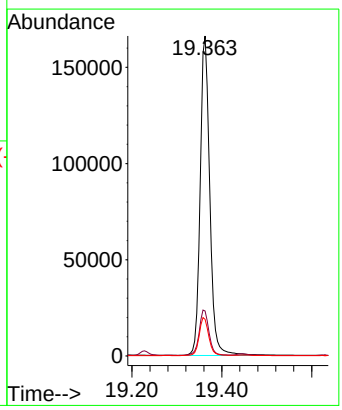


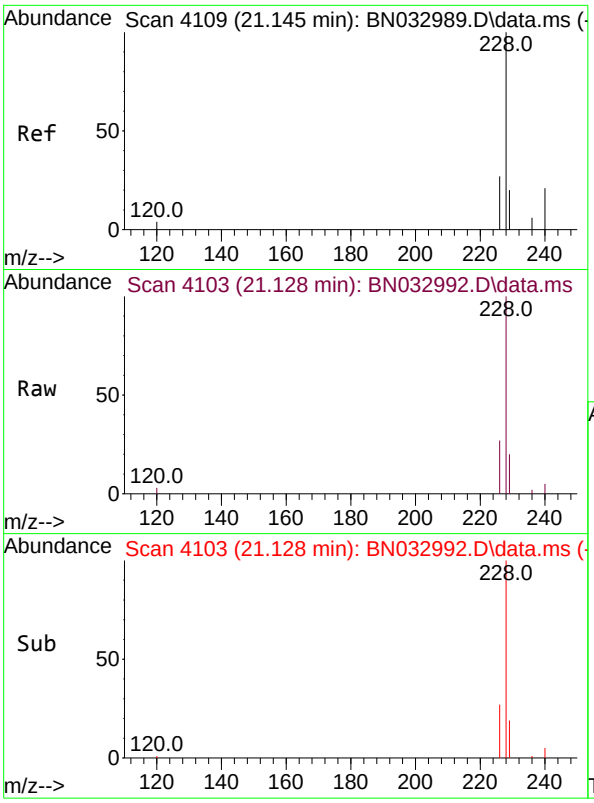


#20
Pyrene
Concen: 4.322 ng/ul
RT: 19.363 min Scan# 3644
Delta R.T. -0.018 min
Lab File: BN032992.D
Acq: 26 Jul 2024 12:06

Tgt Ion:202 Resp: 246572

Ion	Ratio	Lower	Upper
202	100		
101	14.1	12.6	18.8
100	11.5	9.9	14.9



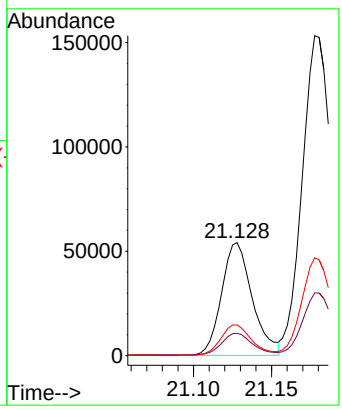


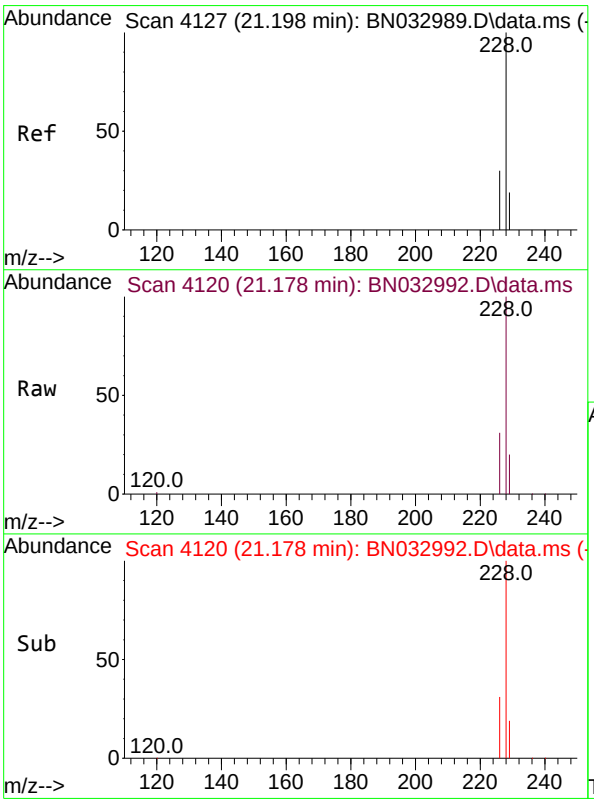
#21
Benzo(a)anthracene
Concen: 1.343 ng/ul
RT: 21.128 min Scan# 4
Delta R.T. -0.017 min
Lab File: BN032992.D
Acq: 26 Jul 2024 12:06

Instrument :
BNA_N
ClientSampleId :
XB502

Tgt Ion:228 Resp: 73990

Ion	Ratio	Lower	Upper
228	100		
229	19.8	17.1	25.7
226	27.1	22.4	33.6

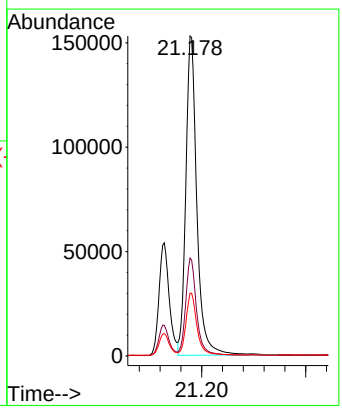


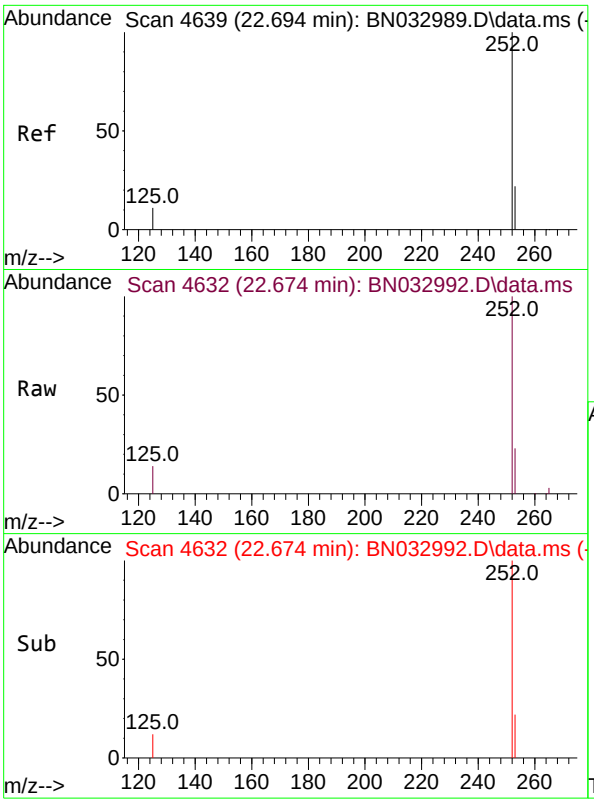


#22
Chrysene
Concen: 3.505 ng/ul
RT: 21.178 min Scan# 4120
Delta R.T. -0.017 min
Lab File: BN032992.D
Acq: 26 Jul 2024 12:06

Tgt Ion:228 Resp: 225437

Ion	Ratio	Lower	Upper
228	100		
226	30.6	24.7	37.1
229	19.6	17.0	25.6



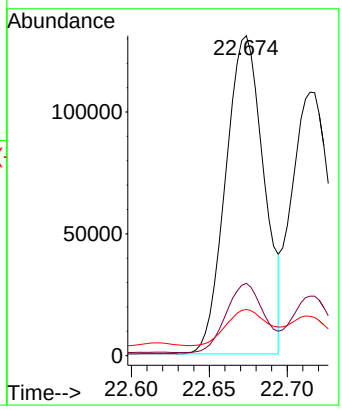


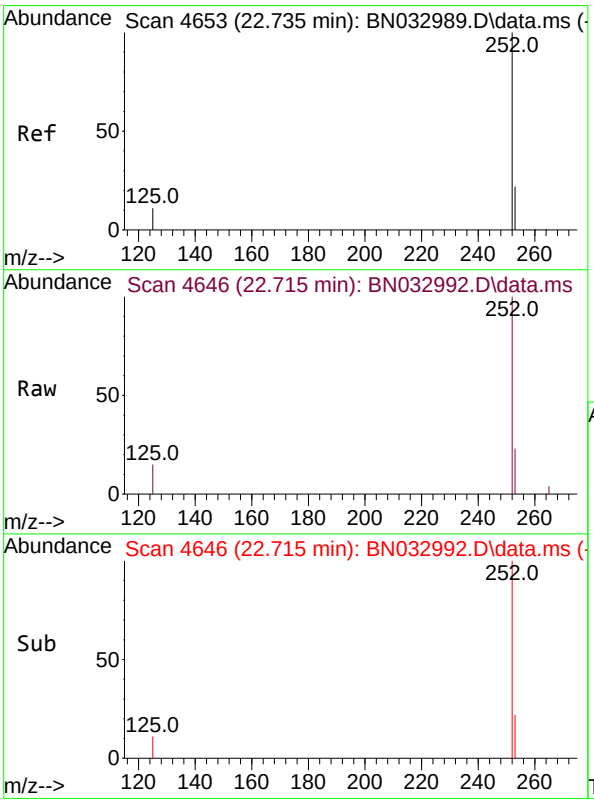
#24
Benzo(b)fluoranthene
Concen: 4.191 ng/ul
RT: 22.674 min Scan# 4
Delta R.T. -0.020 min
Lab File: BN032992.D
Acq: 26 Jul 2024 12:06

Instrument :
BNA_N
ClientSampleId :
XB502

Tgt Ion:252 Resp: 222552

Ion	Ratio	Lower	Upper
252	100		
253	22.6	0.0	60.6
125	14.5	0.0	51.0

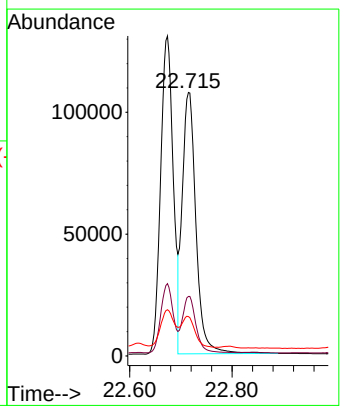


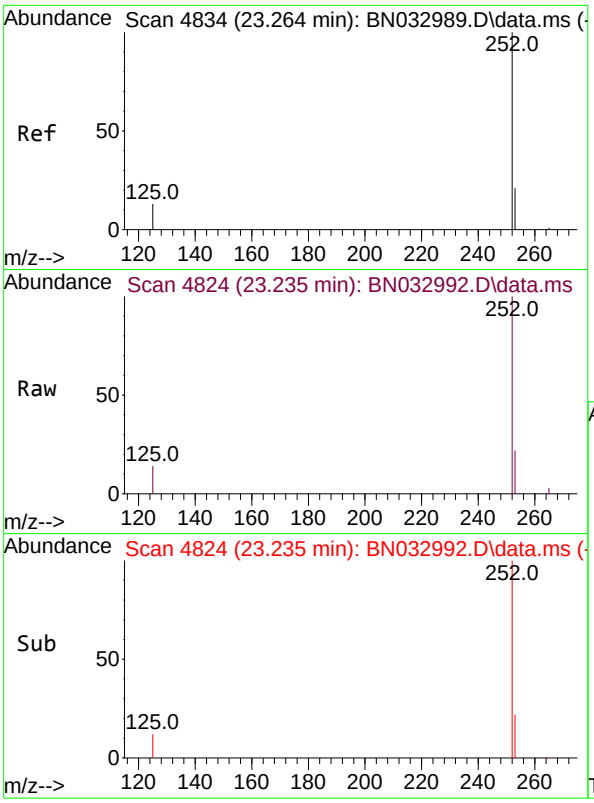


#25
Benzo(k)fluoranthene
Concen: 3.156 ng/ul
RT: 22.715 min Scan# 4646
Delta R.T. -0.020 min
Lab File: BN032992.D
Acq: 26 Jul 2024 12:06

Tgt Ion:252 Resp: 200838

Ion	Ratio	Lower	Upper
252	100		
253	22.6	24.9	37.3#
125	14.9	20.9	31.3#



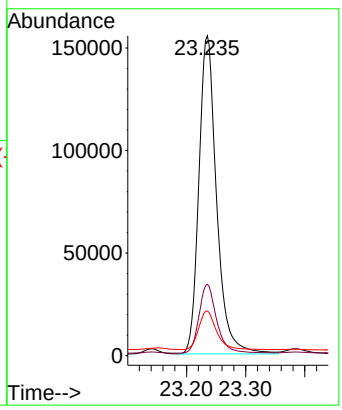


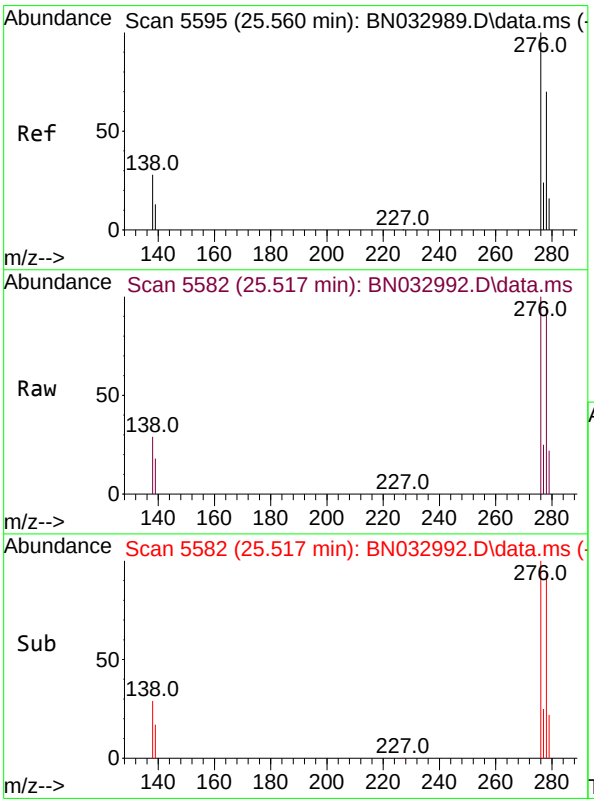
#26
Benzo(a)pyrene
Concen: 6.464 ng/ul
RT: 23.235 min Scan# 4
Delta R.T. -0.026 min
Lab File: BN032992.D
Acq: 26 Jul 2024 12:06

Instrument :
BNA_N
ClientSampleId :
XB502

Tgt Ion:252 Resp: 323074

Ion	Ratio	Lower	Upper
252	100		
253	22.3	27.5	41.3#
125	13.9	27.0	40.6#

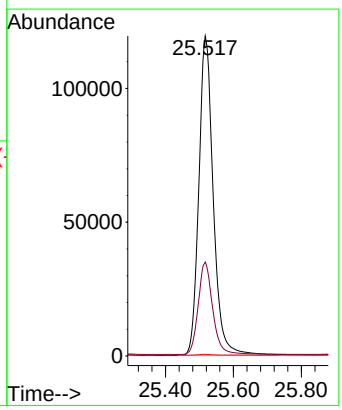


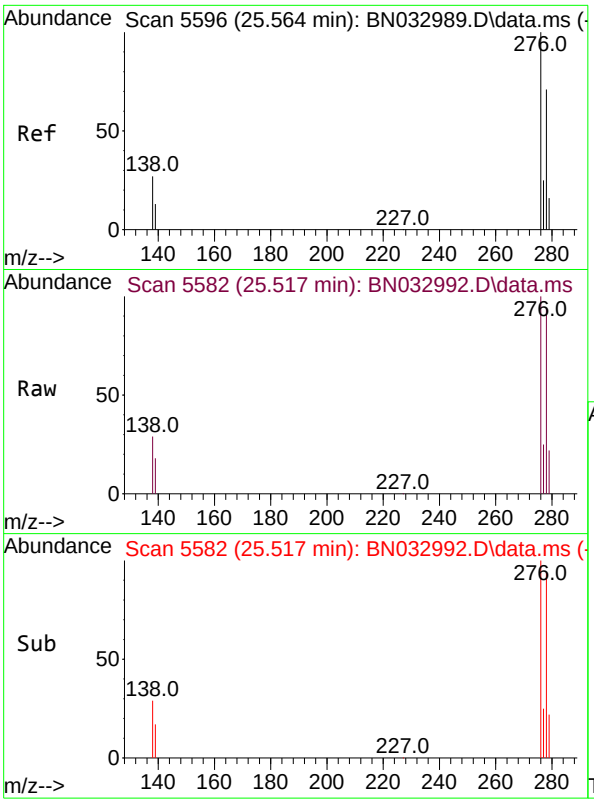


#27
Indeno(1,2,3-cd)pyrene
Concen: 4.642 ng/ul
RT: 25.517 min Scan# 5582
Delta R.T. -0.043 min
Lab File: BN032992.D
Acq: 26 Jul 2024 12:06

Tgt Ion:276 Resp: 352779

Ion	Ratio	Lower	Upper
276	100		
138	29.1	21.8	32.8
227	0.2	0.2	0.2



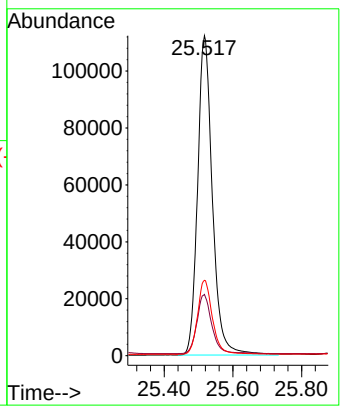


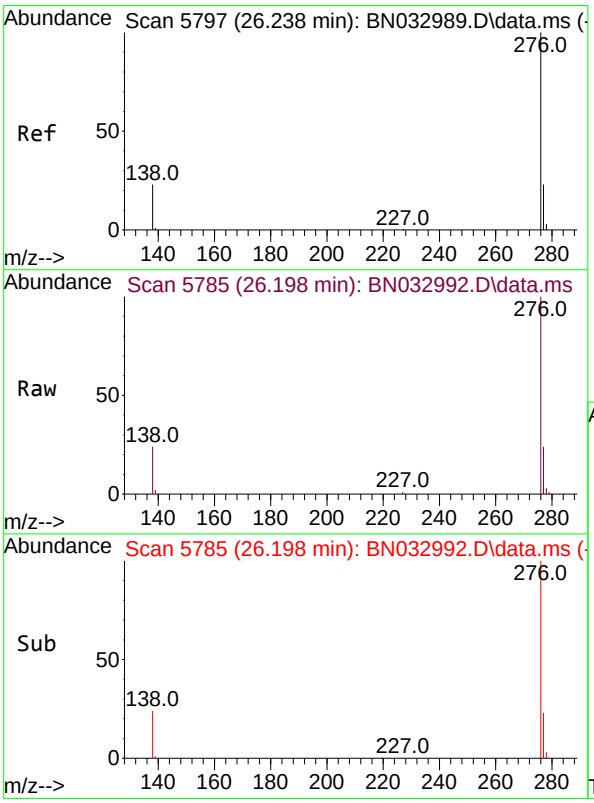
#28
Dibenzo(a,h)anthracene
Concen: 5.573 ng/ul
RT: 25.517 min Scan# 5
Delta R.T. -0.043 min
Lab File: BN032992.D
Acq: 26 Jul 2024 12:06

Instrument :
BNA_N
ClientSampleId :
XB502

Tgt Ion:278 Resp: 335723

Ion	Ratio	Lower	Upper
278	100		
139	19.1	22.5	33.7#
279	23.6	25.5	38.3#





#29
Benzo(g,h,i)perylene
Concen: 4.130 ng/ul
RT: 26.198 min Scan# 5785
Delta R.T. -0.043 min
Lab File: BN032992.D
Acq: 26 Jul 2024 12:06

Tgt Ion:276 Resp: 249400

Ion	Ratio	Lower	Upper
276	100		
138	24.2	24.6	37.0#
277	23.8	22.6	34.0