Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080124\
Data File : BN033130.D
Acq On : 31 Jul 2024 14:00
Operator : MA/JU
Sample : P3283-03DL2 20X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4DQ9DL2

Quant Time: Jul 31 14:32:47 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	7.541	152	1705	0.400	ng/ul	0.00
4) Naphthalene-d8	10.322	136	5968	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.157	164	4223	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.928	188	9501	0.400	ng/ul	-0.01
17) Chrysene-d12	21.154	240	9538	0.400	ng/ul	0.00
23) Perylene-d12	23.340	264	10230	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.060	96	69	0.032	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.956	152	161	0.017	ng/ul	0.03
18) Fluoranthene-d10	18.972	212	554	0.021	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.372	128	7931	0.517	ng/ul	98
10) Acenaphthylene	13.889	152	9444	0.546	ng/ul	99
11) Acenaphthene	14.222	153	14607	1.124	ng/ul	98
12) Fluorene	15.240	166	8124	0.536	ng/ul	99
15) Phenanthrene	16.971	178	23219	0.911	ng/ul	99
16) Anthracene	17.076	178	19190	0.838	ng/ul	98
19) Fluoranthene	19.000	202	18946	0.603	ng/ul	100
20) Pyrene	19.367	202	8469	0.251	ng/ul	96
21) Benzo(a)anthracene	21.148	228	2110	0.065	ng/ul	93
22) Chrysene	21.192	228	8999	0.237	ng/ul	99
24) Benzo(b)fluoranthene	22.691	252	7342	0.246	ng/ul	92
25) Benzo(k)fluoranthene	22.732	252	7590	0.212	ng/ul	90
26) Benzo(a)pyrene	23.255	252	10095	0.359	ng/ul	95
27) Indeno(1,2,3-cd)pyrene	25.560	276	10774	0.252	ng/ul#	96
28) Dibenzo(a,h)anthracene	25.550	278	10170	0.300	ng/ul	96
29) Benzo(g,h,i)perylene	26.235	276	7834	0.231	ng/ul	98

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080124\
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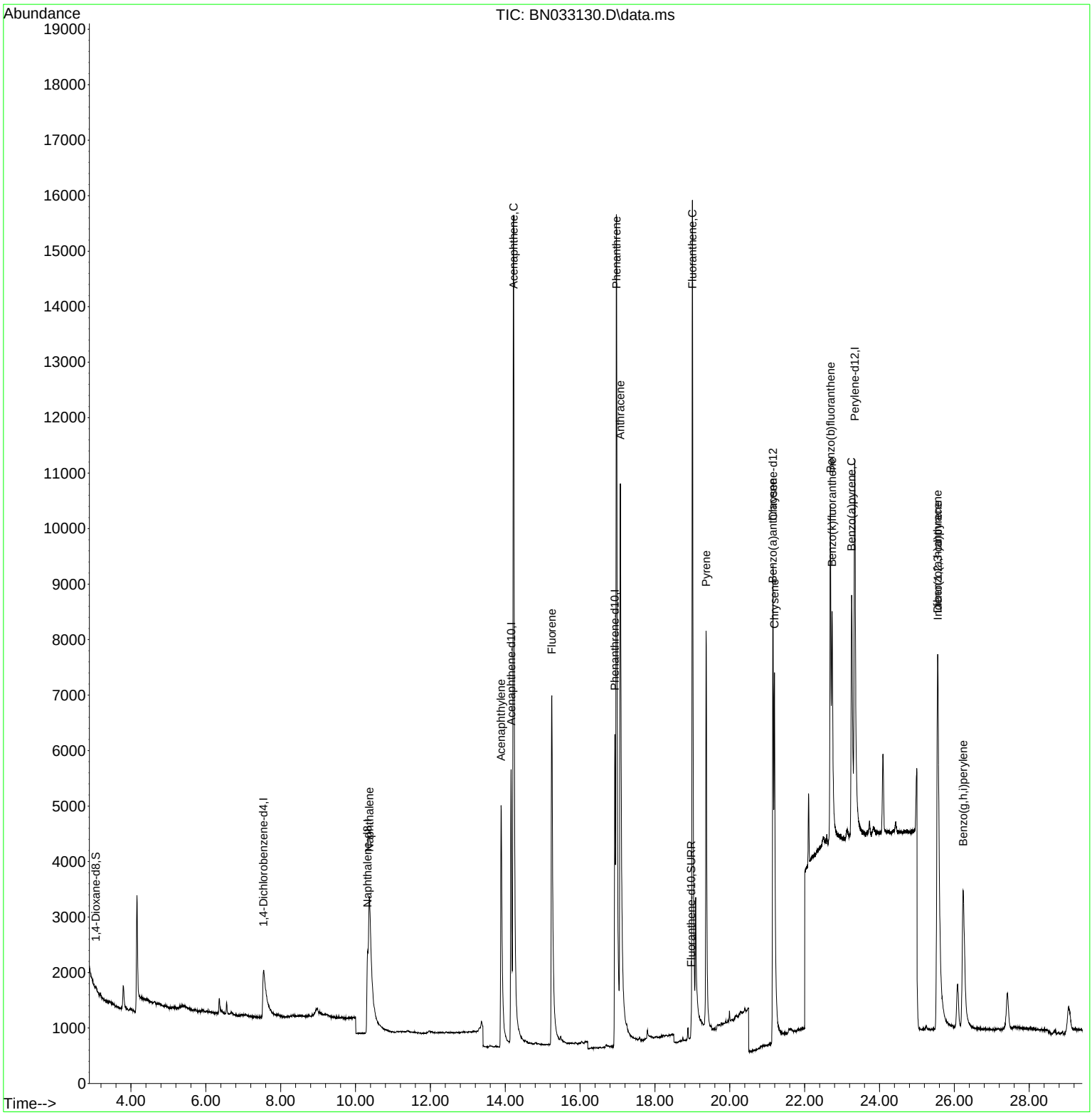
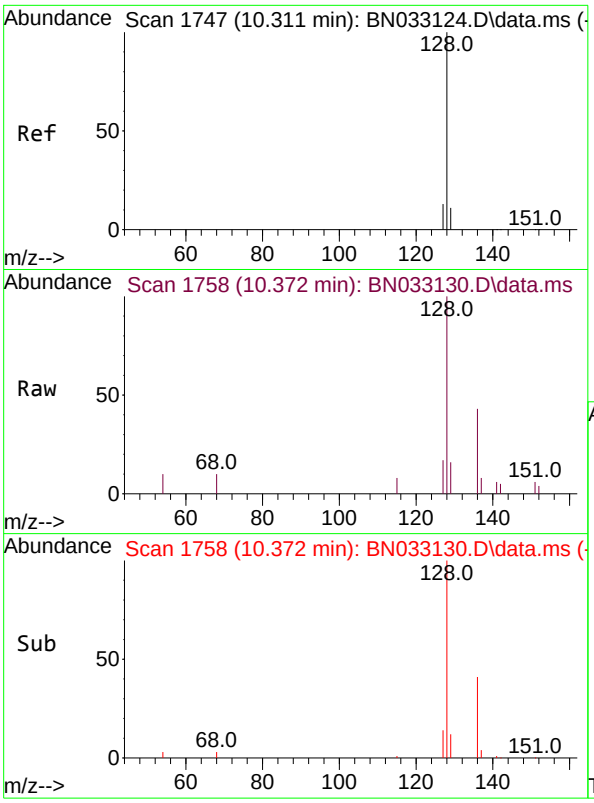
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4DQ9DL2

Quant Time: Jul 31 14:32:47 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



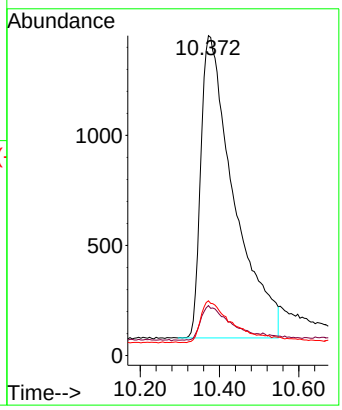


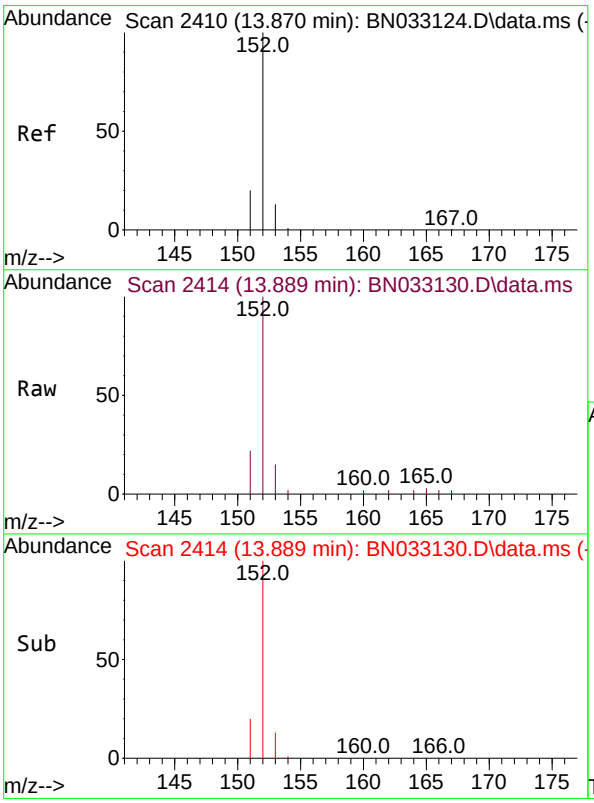
#5
Naphthalene
Concen: 0.517 ng/ul
RT: 10.372 min Scan# 1
Delta R.T. -0.005 min
Lab File: BN033130.D
Acq: 31 Jul 2024 14:00

Instrument :
BNA_N
ClientSampleId :
A4DQ9DL2

Tgt Ion:128 Resp: 7931

Ion	Ratio	Lower	Upper
128	100		
129	15.6	12.0	18.0
127	17.1	12.7	19.1

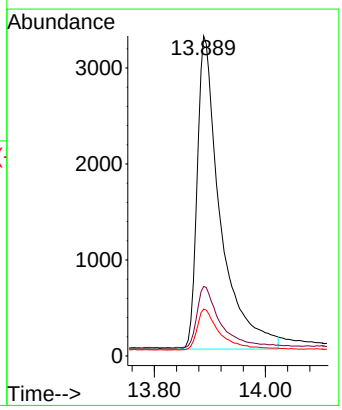


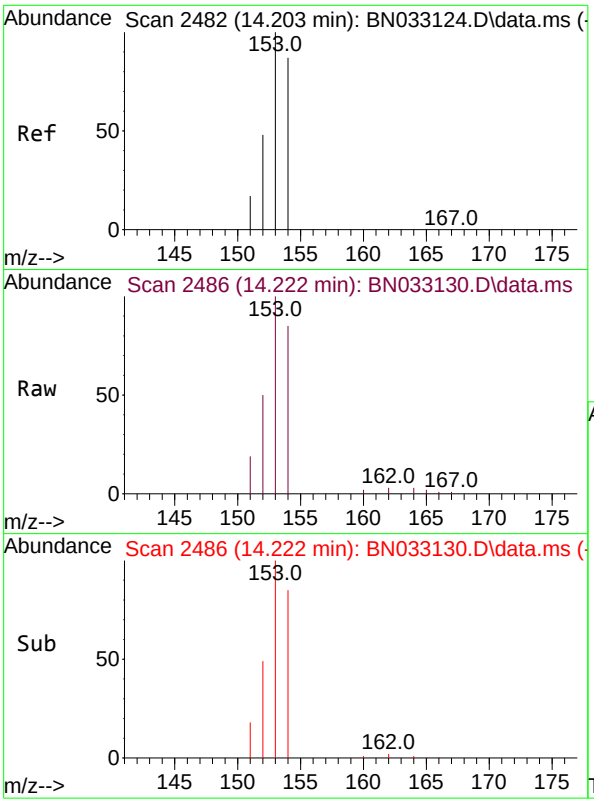


#10
Acenaphthylene
Concen: 0.546 ng/ul
RT: 13.889 min Scan# 2414
Delta R.T. -0.009 min
Lab File: BN033130.D
Acq: 31 Jul 2024 14:00

Tgt Ion:152 Resp: 9444

Ion	Ratio	Lower	Upper
152	100		
151	21.7	16.8	25.2
153	14.7	11.9	17.9



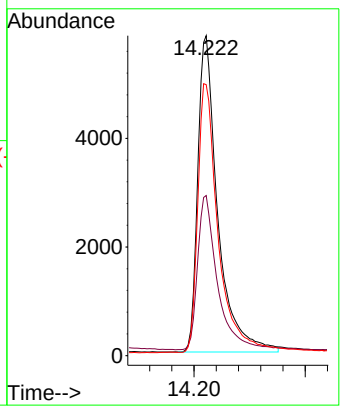


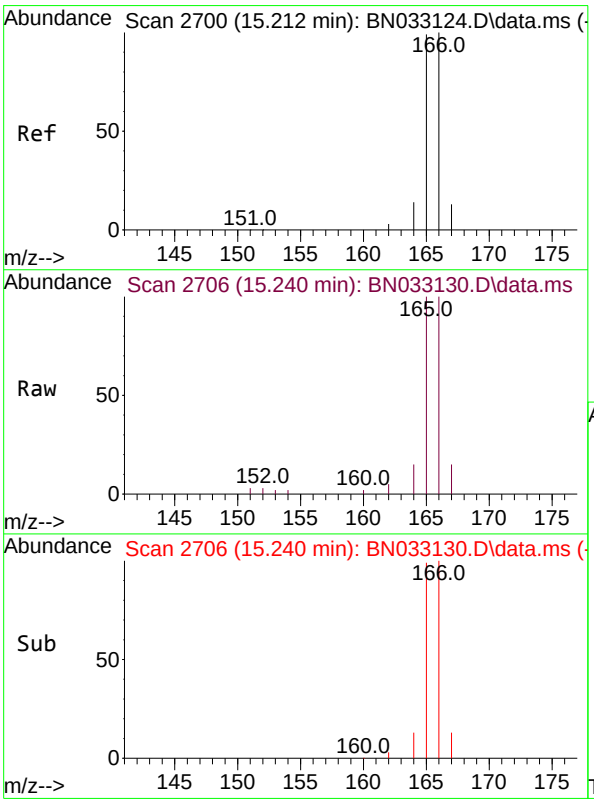
#11
Acenaphthene
Concen: 1.124 ng/ul
RT: 14.222 min Scan# 24
Delta R.T. -0.004 min
Lab File: BN033130.D
Acq: 31 Jul 2024 14:00

Instrument :
BNA_N
ClientSampleId :
A4DQ9DL2

Tgt Ion:153 Resp: 14607

Ion	Ratio	Lower	Upper
153	100		
152	50.0	40.0	60.0
154	84.7	70.1	105.1

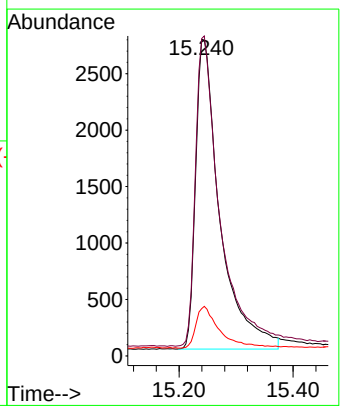


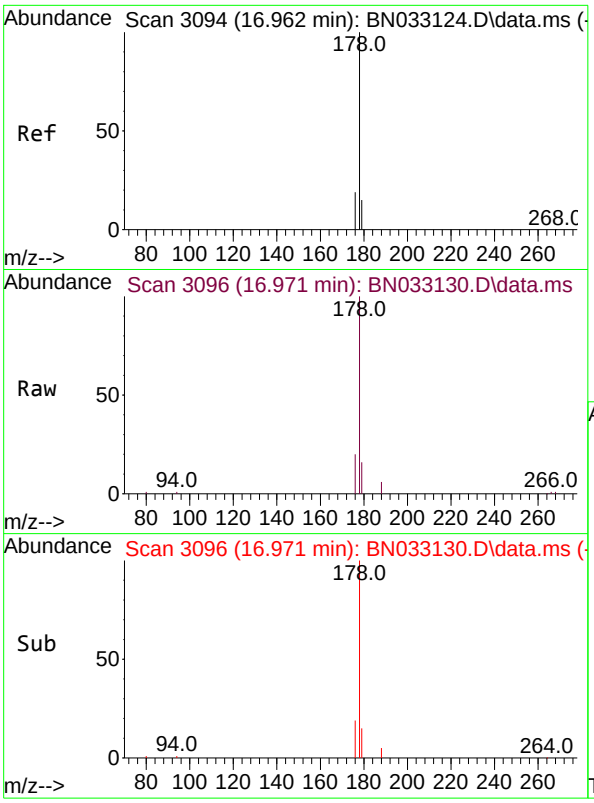


#12
Fluorene
Concen: 0.536 ng/ul
RT: 15.240 min Scan# 2706
Delta R.T. -0.009 min
Lab File: BN033130.D
Acq: 31 Jul 2024 14:00

Tgt Ion:166 Resp: 8124

Ion	Ratio	Lower	Upper
166	100		
165	100.3	79.6	119.4
167	14.9	12.2	18.4



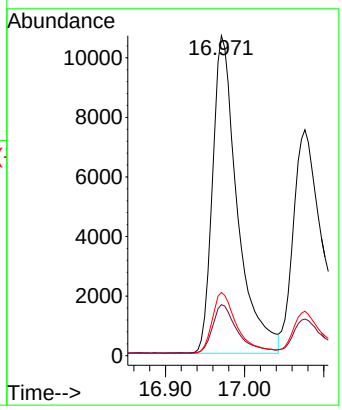


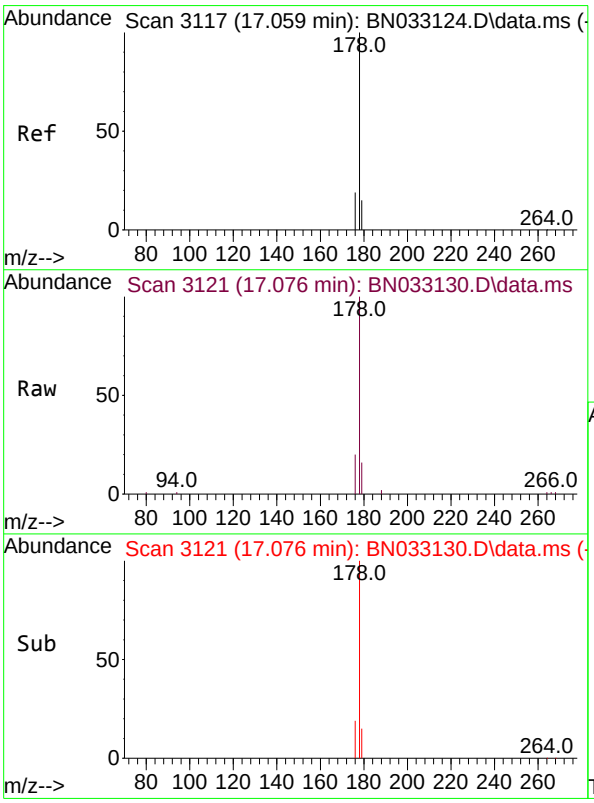
#15
Phenanthrene
Concen: 0.911 ng/ul
RT: 16.971 min Scan# 3
Delta R.T. -0.012 min
Lab File: BN033130.D
Acq: 31 Jul 2024 14:00

Instrument :
BNA_N
ClientSampleId :
A4DQ9DL2

Tgt Ion:178 Resp: 23219

Ion	Ratio	Lower	Upper
178	100		
179	16.0	13.7	20.5
176	19.8	15.9	23.9

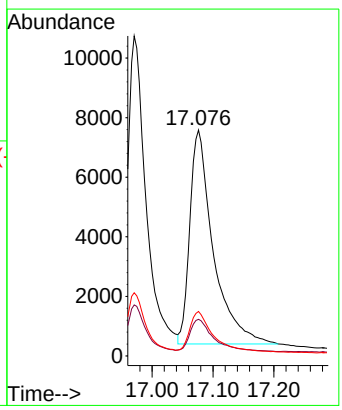


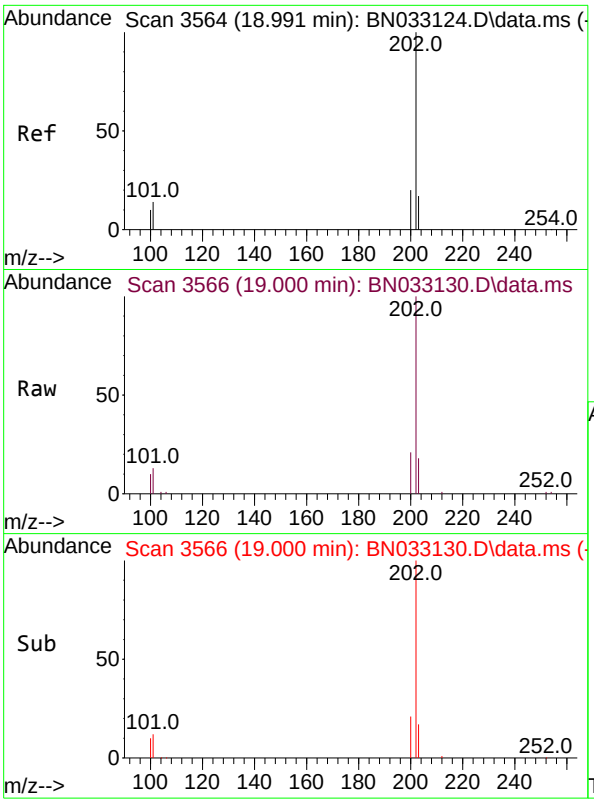


#16
Anthracene
Concen: 0.838 ng/ul
RT: 17.076 min Scan# 3121
Delta R.T. -0.012 min
Lab File: BN033130.D
Acq: 31 Jul 2024 14:00

Tgt Ion:178 Resp: 19190

Ion	Ratio	Lower	Upper
178	100		
179	16.3	14.3	21.5
176	19.7	15.8	23.8



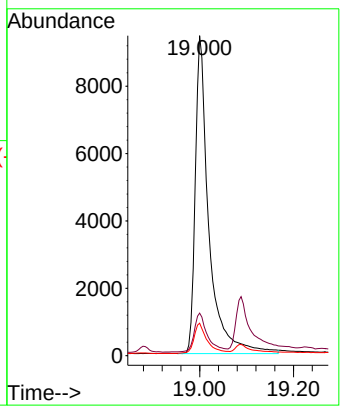


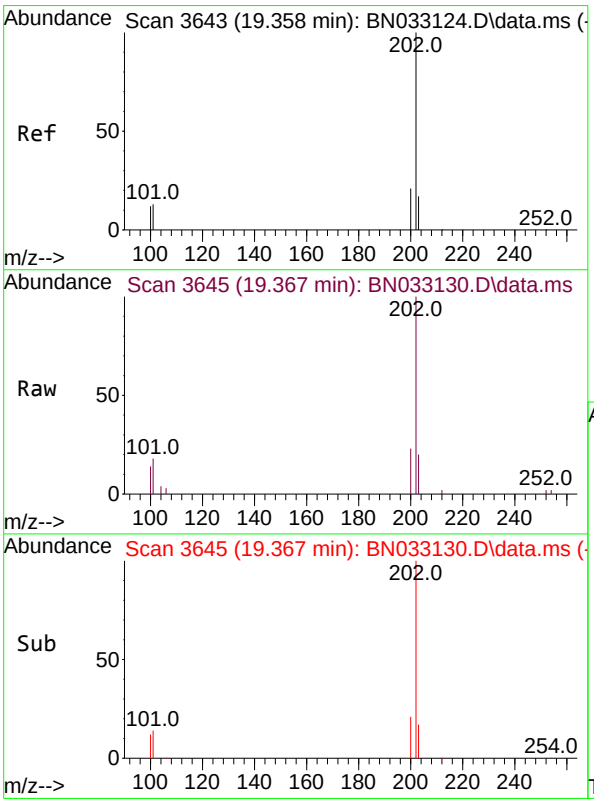
#19
Fluoranthene
Concen: 0.603 ng/ul
RT: 19.000 min Scan# 3
Delta R.T. -0.004 min
Lab File: BN033130.D
Acq: 31 Jul 2024 14:00

Instrument :
BNA_N
ClientSampleId :
A4DQ9DL2

Tgt Ion:202 Resp: 18946

Ion	Ratio	Lower	Upper
202	100		
101	13.3	10.7	16.1
100	10.2	8.3	12.5

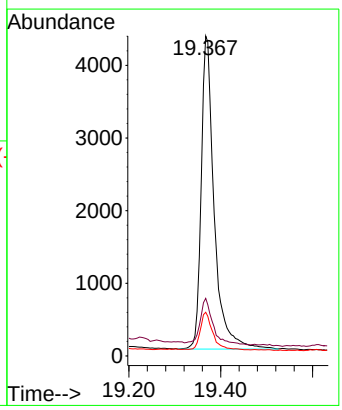


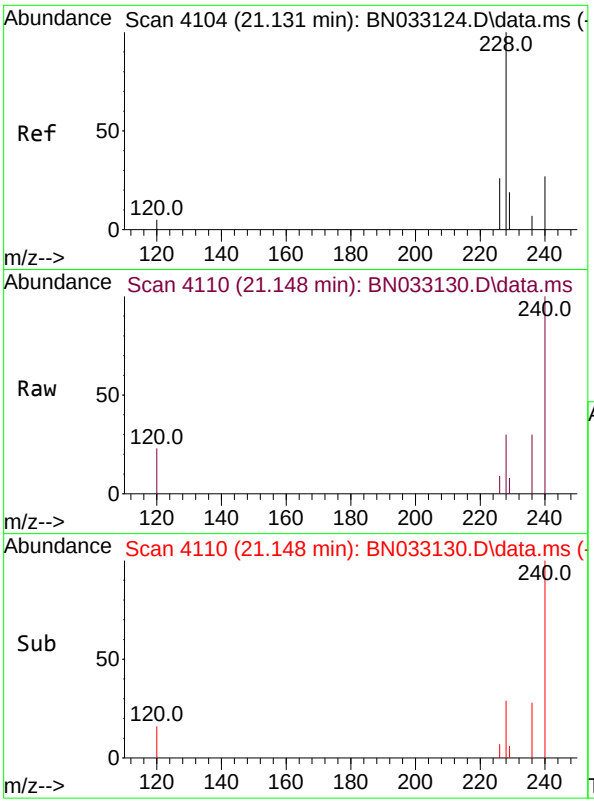


#20
Pyrene
Concen: 0.251 ng/ul
RT: 19.367 min Scan# 3645
Delta R.T. -0.004 min
Lab File: BN033130.D
Acq: 31 Jul 2024 14:00

Tgt Ion:202 Resp: 8469

Ion	Ratio	Lower	Upper
202	100		
101	18.0	12.6	18.8
100	13.6	9.9	14.9



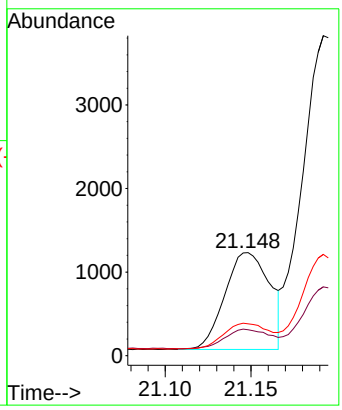


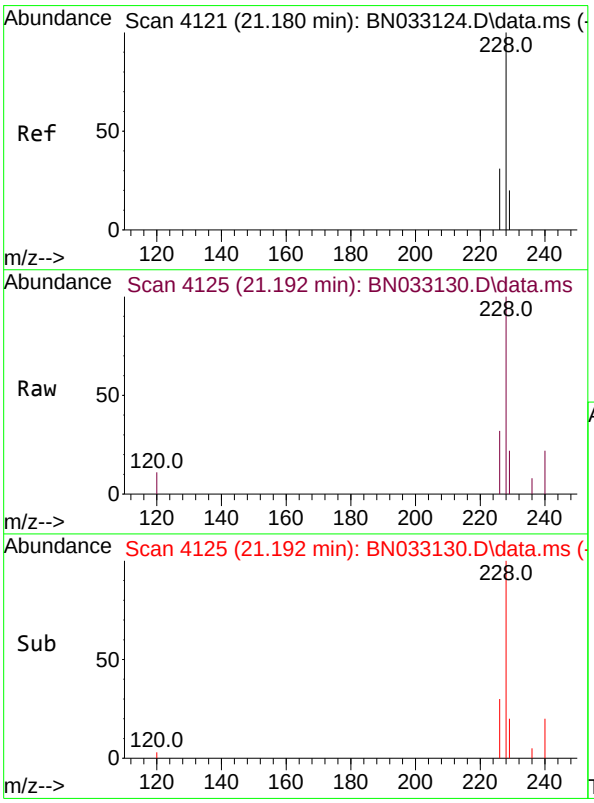
#21
Benzo(a)anthracene
Concen: 0.065 ng/ul
RT: 21.148 min Scan# 4
Delta R.T. 0.012 min
Lab File: BN033130.D
Acq: 31 Jul 2024 14:00

Instrument :
BNA_N
ClientSampleId :
A4DQ9DL2

Tgt Ion:228 Resp: 2110

Ion	Ratio	Lower	Upper
228	100		
229	25.2	17.1	25.7
226	30.9	22.4	33.6

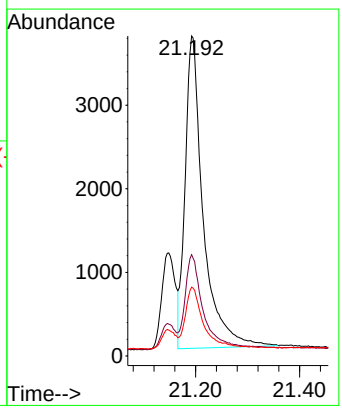


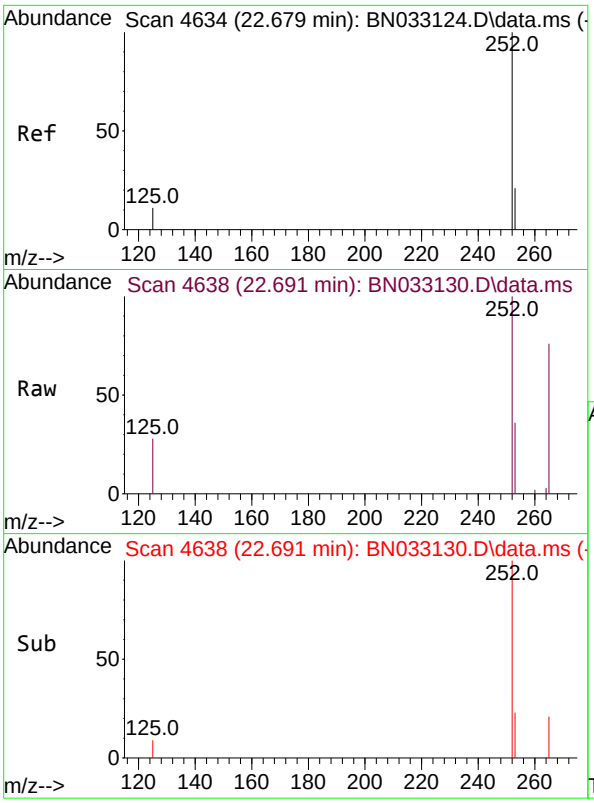


#22
Chrysene
Concen: 0.237 ng/ul
RT: 21.192 min Scan# 4125
Delta R.T. 0.003 min
Lab File: BN033130.D
Acq: 31 Jul 2024 14:00

Tgt Ion:228 Resp: 8999

Ion	Ratio	Lower	Upper
228	100		
226	31.7	24.7	37.1
229	21.5	17.0	25.6



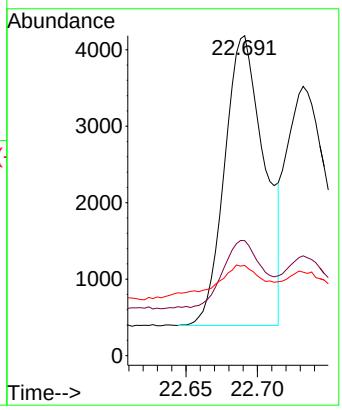


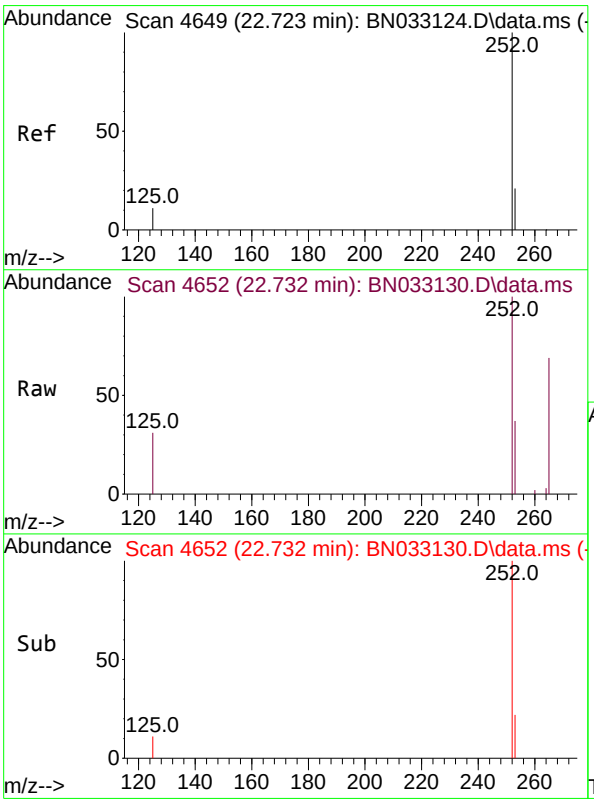
#24
Benzo(b)fluoranthene
Concen: 0.246 ng/ul
RT: 22.691 min Scan# 4
Delta R.T. 0.009 min
Lab File: BN033130.D
Acq: 31 Jul 2024 14:00

Instrument :
BNA_N
ClientSampleId :
A4DQ9DL2

Tgt Ion:252 Resp: 7342

Ion	Ratio	Lower	Upper
252	100		
253	35.9	0.0	60.6
125	28.2	0.0	51.0

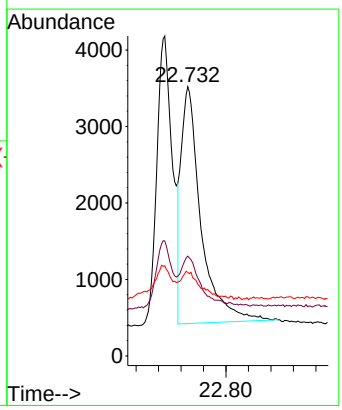


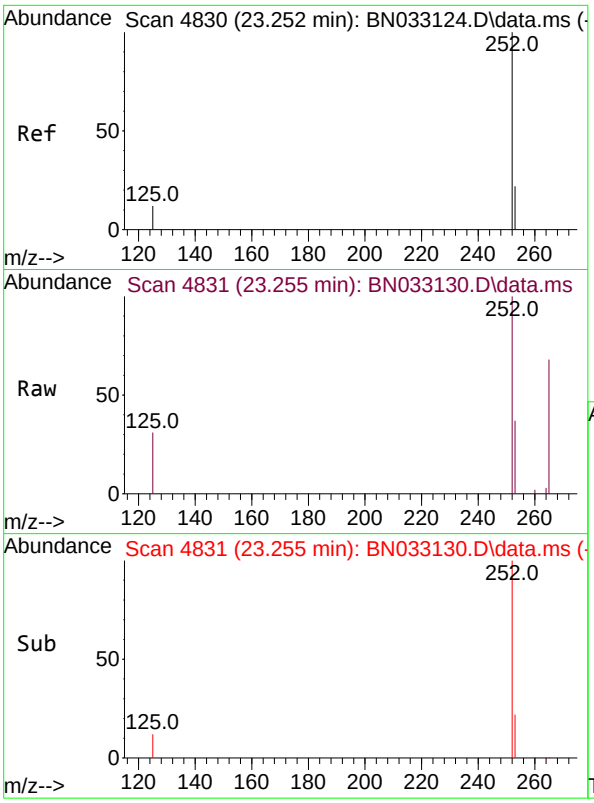


#25
Benzo(k)fluoranthene
Concen: 0.212 ng/ul
RT: 22.732 min Scan# 4652
Delta R.T. 0.006 min
Lab File: BN033130.D
Acq: 31 Jul 2024 14:00

Tgt Ion:252 Resp: 7590

Ion	Ratio	Lower	Upper
252	100		
253	37.1	24.9	37.3
125	31.0	20.9	31.3



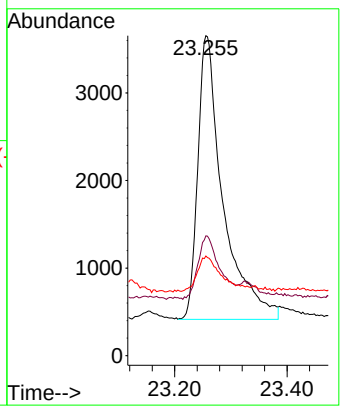


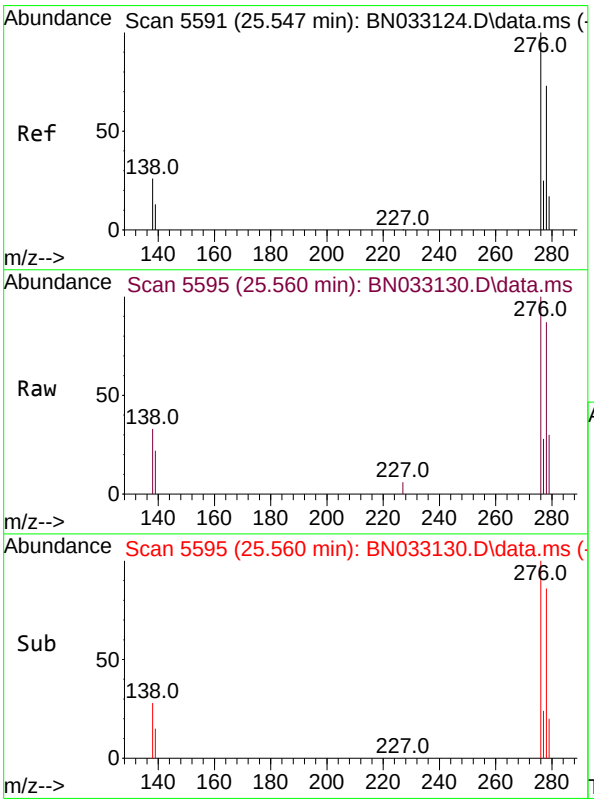
#26
Benzo(a)pyrene
Concen: 0.359 ng/ul
RT: 23.255 min Scan# 4
Delta R.T. 0.006 min
Lab File: BN033130.D
Acq: 31 Jul 2024 14:00

Instrument :
BNA_N
ClientSampleId :
A4DQ9DL2

Tgt Ion:252 Resp: 10095

Ion	Ratio	Lower	Upper
252	100		
253	37.5	27.5	41.3
125	31.1	27.0	40.6

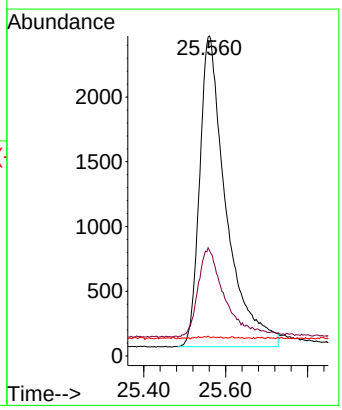


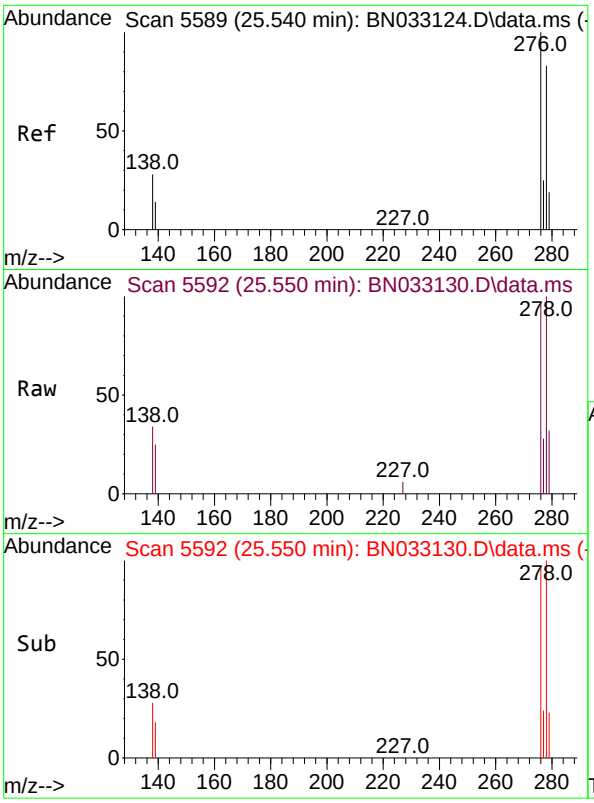


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.252 ng/ul
RT: 25.560 min Scan# 5595
Delta R.T. 0.020 min
Lab File: BN033130.D
Acq: 31 Jul 2024 14:00

Tgt Ion:276 Resp: 10774

Ion	Ratio	Lower	Upper
276	100		
138	29.3	21.8	32.8
227	0.2	0.2	0.2#



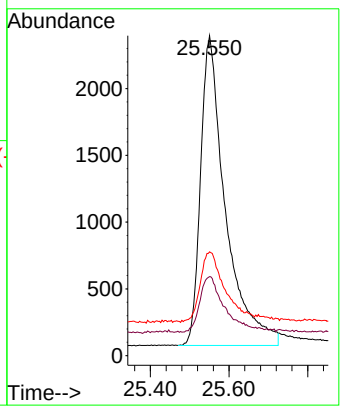


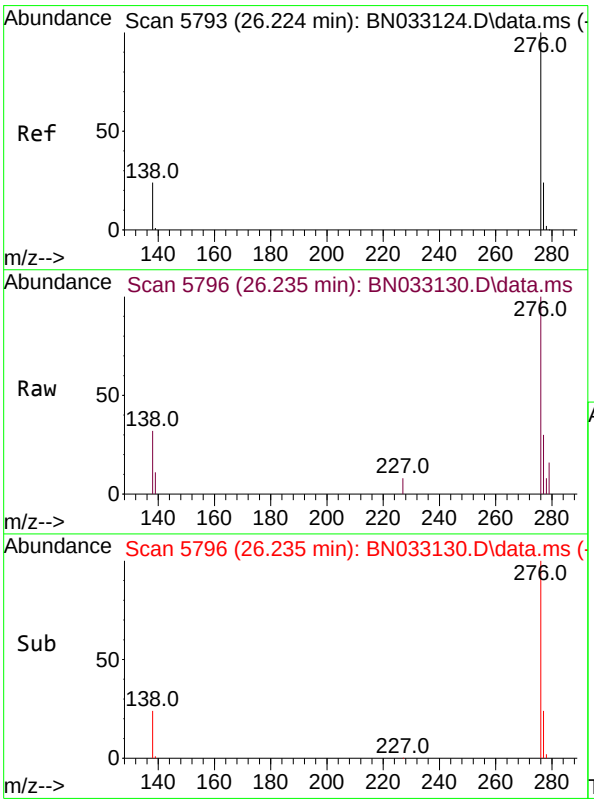
#28
Dibenzo(a,h)anthracene
Concen: 0.300 ng/ul
RT: 25.550 min Scan# 5
Delta R.T. 0.010 min
Lab File: BN033130.D
Acq: 31 Jul 2024 14:00

Instrument :
BNA_N
ClientSampleId :
A4DQ9DL2

Tgt Ion:278 Resp: 10170

Ion	Ratio	Lower	Upper
278	100		
139	24.7	22.5	33.7
279	32.4	25.5	38.3





#29
Benzo(g,h,i)perylene
Concen: 0.231 ng/ul
RT: 26.235 min Scan# 5796
Delta R.T. 0.017 min
Lab File: BN033130.D
Acq: 31 Jul 2024 14:00

Tgt Ion:276 Resp: 7834

Ion	Ratio	Lower	Upper
276	100		
138	32.1	24.6	37.0
277	29.5	22.6	34.0