Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032482.D
Acq On : 04 Jul 2024 19:58
Operator : MA/JU
Sample : P2963-12
Misc :
ALS Vial : 55 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CR6

Quant Time: Jul 04 23:08:00 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	7.595	152	8066	0.400	ng/ul	0.00
4) Naphthalene-d8	10.370	136	23106	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.243	164	13013	0.400	ng/ul	-0.01
13) Phenanthrene-d10	17.099	188	1315298	0.400	ng/ul	0.09
17) Chrysene-d12	21.350	240	226	0.400	ng/ul	# 0.14
23) Perylene-d12	23.537	264	4920	0.400	ng/ul	# 0.11
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.143	96	34470	3.845	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.970	152	8674	0.250	ng/ul	0.00
18) Fluoranthene-d10	19.197	212	281	0.413	ng/ul	0.15
Target Compounds						Qvalue
5) Naphthalene	10.419	128	31810	0.520	ng/ul	99
7) 2-Methylnaphthalene	12.041	142	18744	0.462	ng/ul	99
8) 1-Methylnaphthalene	12.267	142	19671	0.468	ng/ul	99
10) Acenaphthylene	13.965	152	77689	1.435	ng/ul	98
11) Acenaphthene	14.307	153	44882	1.069	ng/ul	99
12) Fluorene	15.302	166	51426	1.027	ng/ul#	98
15) Phenanthrene	17.133	178	328600	0.091	ng/ul	99
19) Fluoranthene	19.221	202	36674	42.615	ng/ul#	94
20) Pyrene	19.597	202	6482	7.207	ng/ul#	56
21) Benzo(a)anthracene	21.245	228	592097	725.877	ng/ul	94
22) Chrysene	21.362	228	70315	78.538	ng/ul#	49
24) Benzo(b)fluoranthene	22.931	252	164049	7.675	ng/ul	91
25) Benzo(k)fluoranthene	22.931	252	170176	8.194	ng/ul#	91
26) Benzo(a)pyrene	23.472	252	55363	3.723	ng/ul#	73
27) Indeno(1,2,3-cd)pyrene	25.766	276	13591	0.584	ng/ul#	11
28) Dibenzo(a,h)anthracene	25.920	278	133451	7.713	ng/ul	96
29) Benzo(g,h,i)perylene	26.567	276	5404	0.291	ng/ul#	1

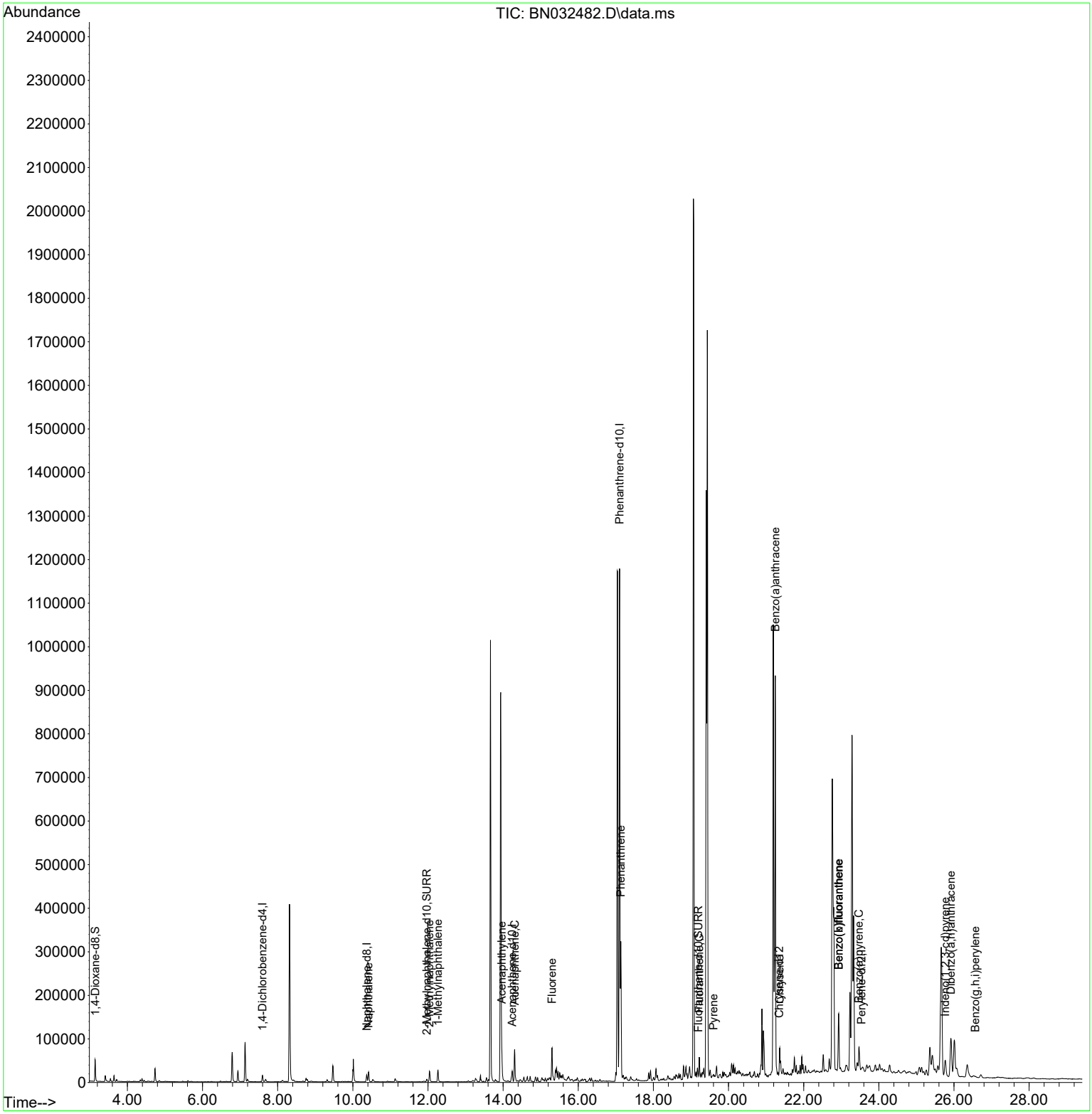
(#) = qualifier out of range (m) = manual integration (+) = signals summed

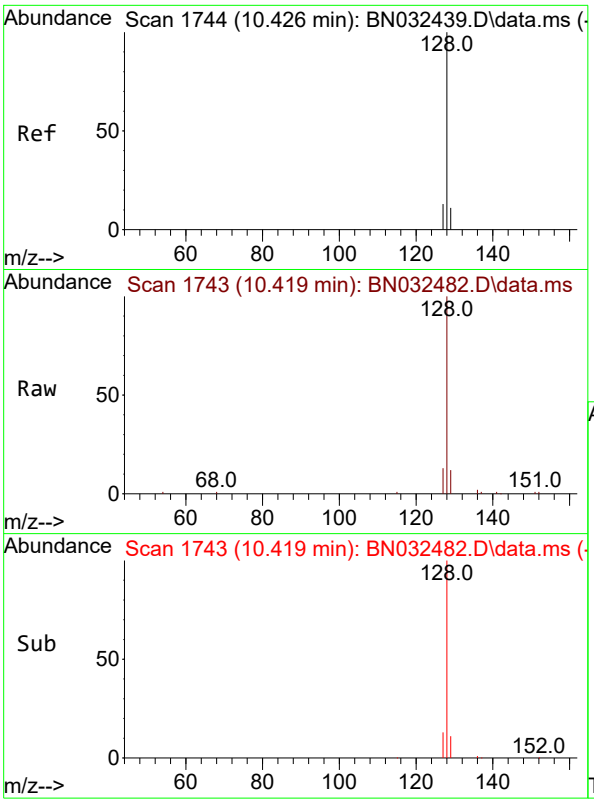
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032482.D
Acq On : 04 Jul 2024 19:58
Operator : MA/JU
Sample : P2963-12
Misc :
ALS Vial : 55 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CR6

Quant Time: Jul 04 23:08:00 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



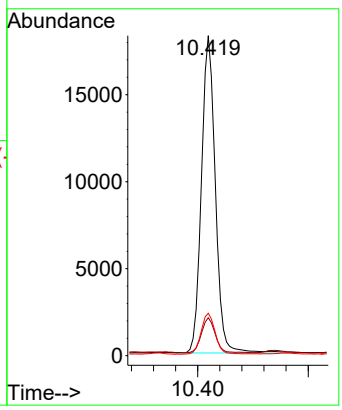


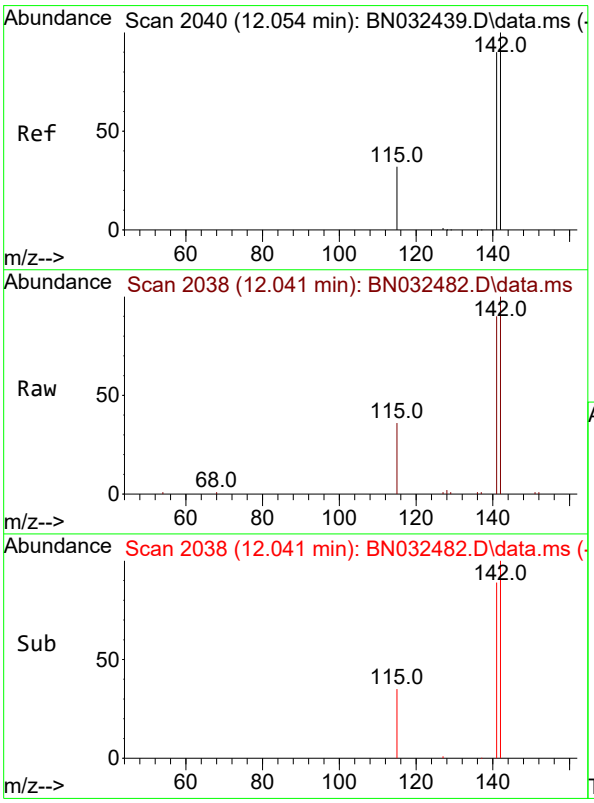
#5
Naphthalene
Concen: 0.520 ng/ul
RT: 10.419 min Scan# 1
Delta R.T. -0.012 min
Lab File: BN032482.D
Acq: 04 Jul 2024 19:58

Instrument :
BNA_N
ClientSampleId :
A4CR6

Tgt Ion:128 Resp: 31810

Ion	Ratio	Lower	Upper
128	100		
129	11.9	9.2	13.8
127	13.3	10.8	16.2

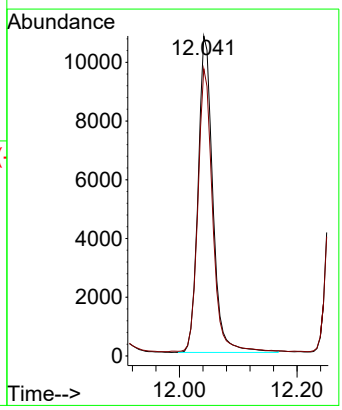


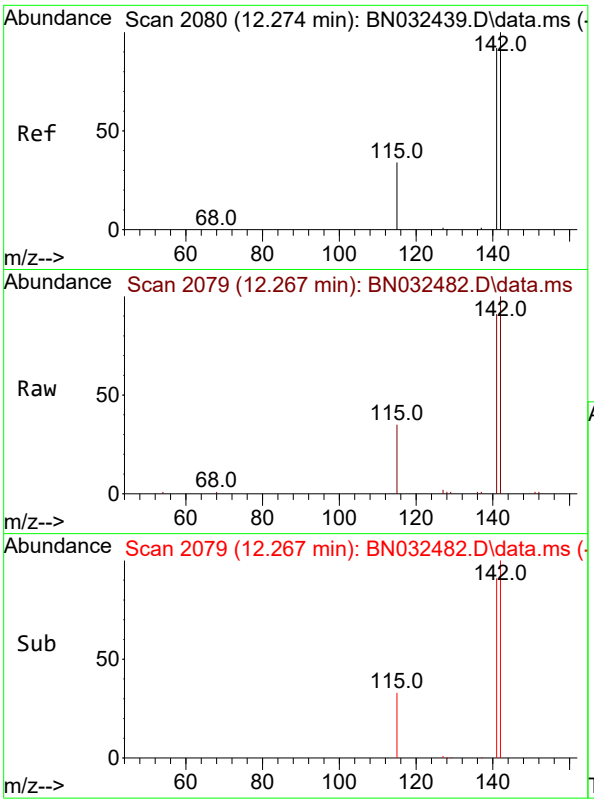


#7
2-Methylnaphthalene
Concen: 0.462 ng/ul
RT: 12.041 min Scan# 2038
Delta R.T. -0.012 min
Lab File: BN032482.D
Acq: 04 Jul 2024 19:58

Tgt Ion:142 Resp: 18744

Ion	Ratio	Lower	Upper
142	100		
141	89.1	72.2	108.2



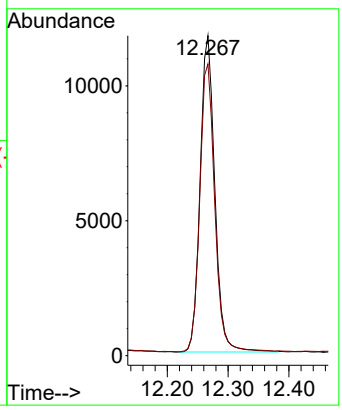


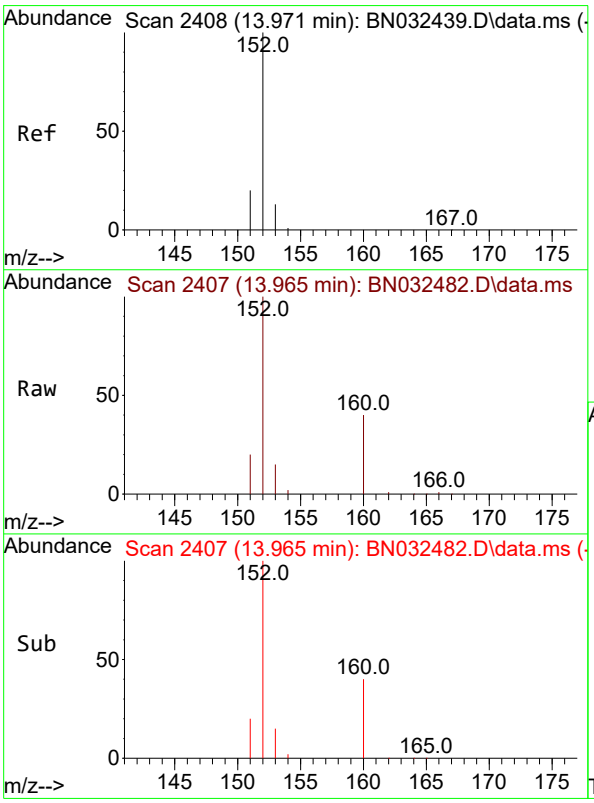
#8
1-Methylnaphthalene
Concen: 0.468 ng/ul
RT: 12.267 min Scan# 2
Delta R.T. -0.007 min
Lab File: BN032482.D
Acq: 04 Jul 2024 19:58

Instrument :
BNA_N
ClientSampleId :
A4CR6

Tgt Ion:142 Resp: 19671

Ion	Ratio	Lower	Upper
142	100		
141	92.7	73.4	110.0

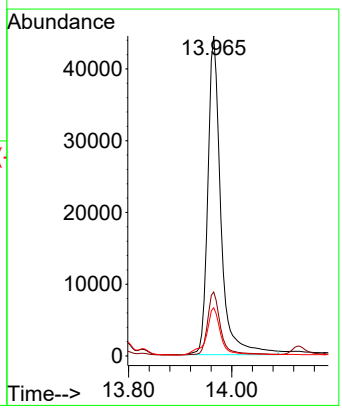


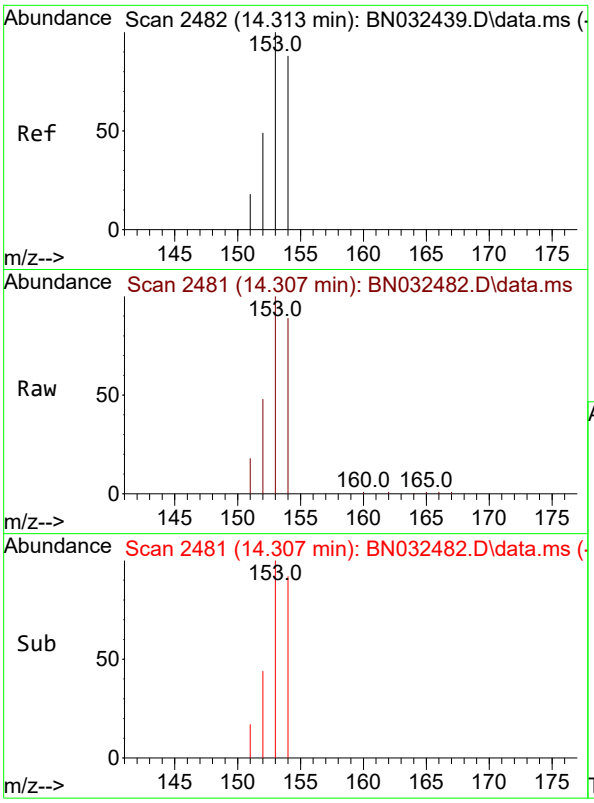


#10
Acenaphthylene
Concen: 1.435 ng/ul
RT: 13.965 min Scan# 2407
Delta R.T. -0.006 min
Lab File: BN032482.D
Acq: 04 Jul 2024 19:58

Tgt Ion:152 Resp: 77689

Ion	Ratio	Lower	Upper
152	100		
151	20.0	15.7	23.5
153	15.1	10.9	16.3



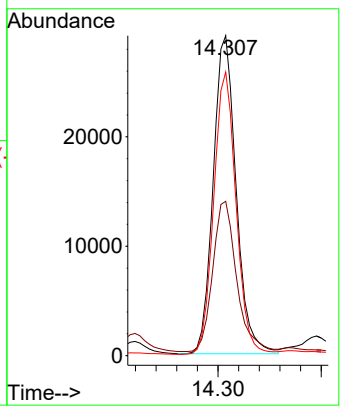


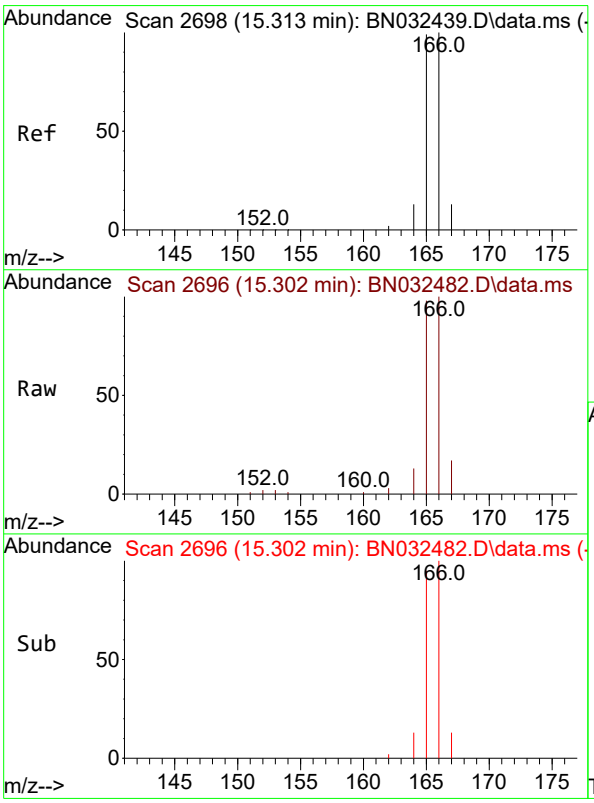
#11
Acenaphthene
Concen: 1.069 ng/ul
RT: 14.307 min Scan# 24
Delta R.T. -0.006 min
Lab File: BN032482.D
Acq: 04 Jul 2024 19:58

Instrument :
BNA_N
ClientSampleId :
A4CR6

Tgt Ion:153 Resp: 44882

Ion	Ratio	Lower	Upper
153	100		
152	48.3	39.5	59.3
154	88.6	71.7	107.5

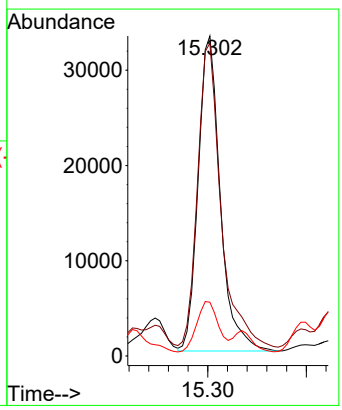


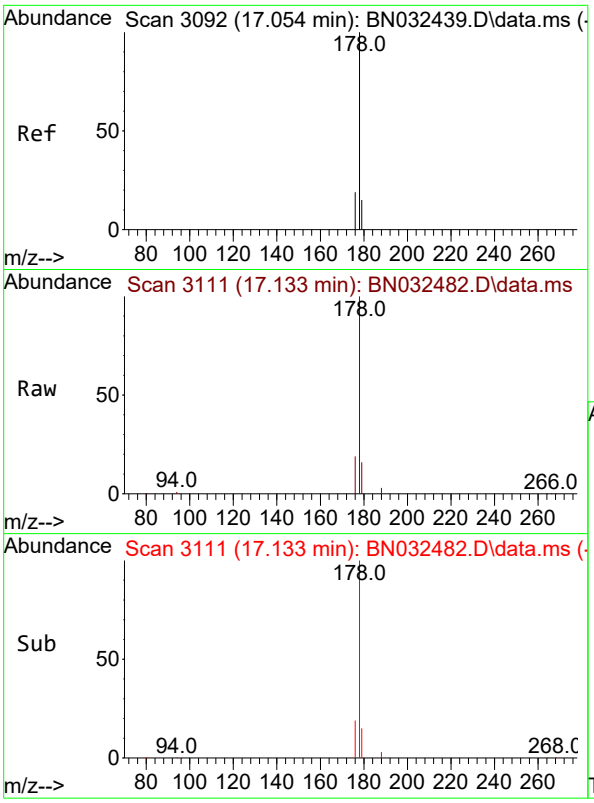


#12
Fluorene
Concen: 1.027 ng/ul
RT: 15.302 min Scan# 2696
Delta R.T. -0.010 min
Lab File: BN032482.D
Acq: 04 Jul 2024 19:58

Tgt Ion:166 Resp: 51426

Ion	Ratio	Lower	Upper
166	100		
165	97.7	79.0	118.6
167	16.8	11.0	16.6#



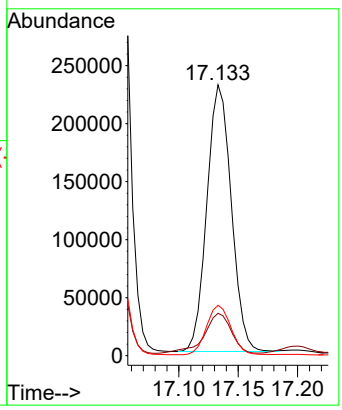


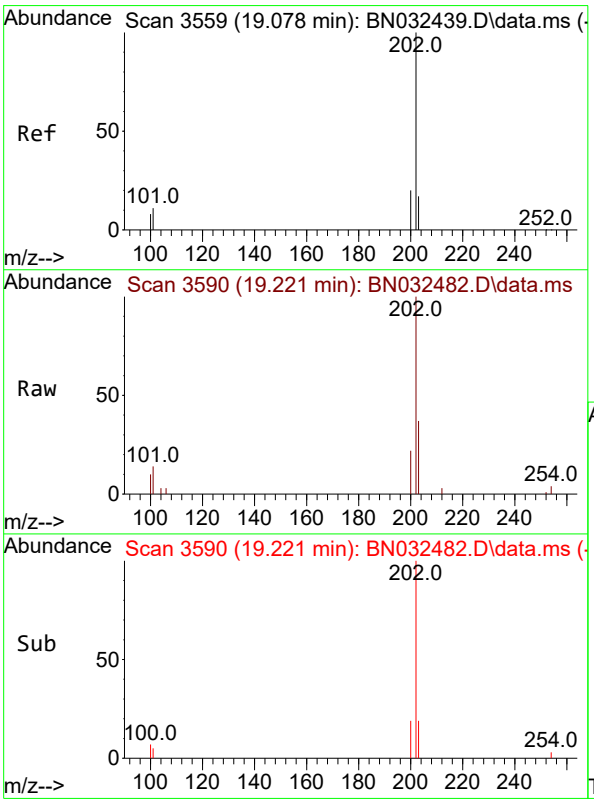
#15
Phenanthrene
Concen: 0.091 ng/ul
RT: 17.133 min Scan# 3
Delta R.T. 0.083 min
Lab File: BN032482.D
Acq: 04 Jul 2024 19:58

Instrument :
BNA_N
ClientSampleId :
A4CR6

Tgt Ion:178 Resp: 328600

Ion	Ratio	Lower	Upper
178	100		
179	15.6	12.6	18.8
176	18.6	15.6	23.4

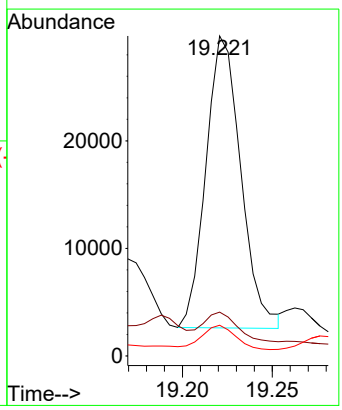


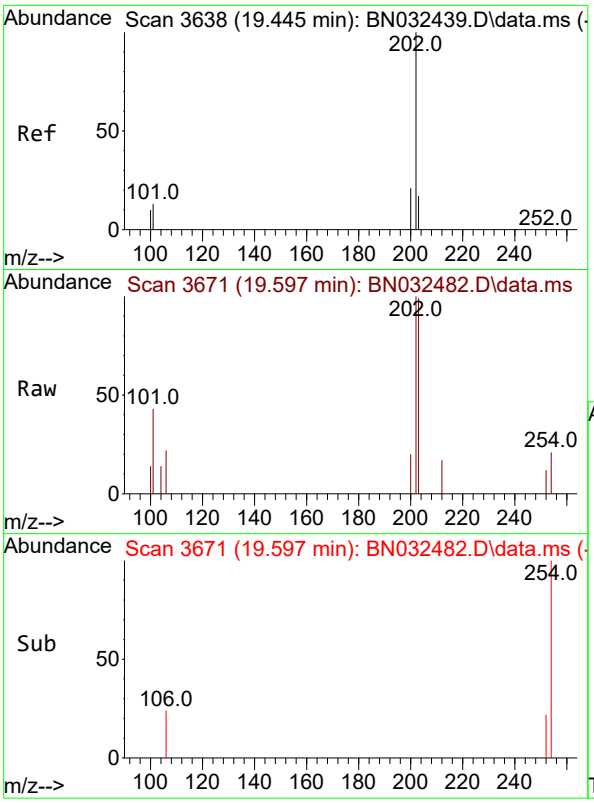


#19
Fluoranthene
Concen: 42.615 ng/ul
RT: 19.221 min Scan# 3590
Delta R.T. 0.148 min
Lab File: BN032482.D
Acq: 04 Jul 2024 19:58

Tgt Ion:202 Resp: 36674

Ion	Ratio	Lower	Upper
202	100		
101	13.7	8.8	13.2#
100	9.6	6.4	9.6



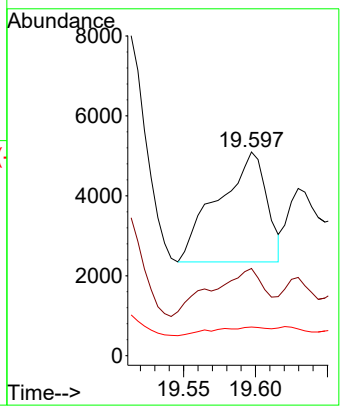


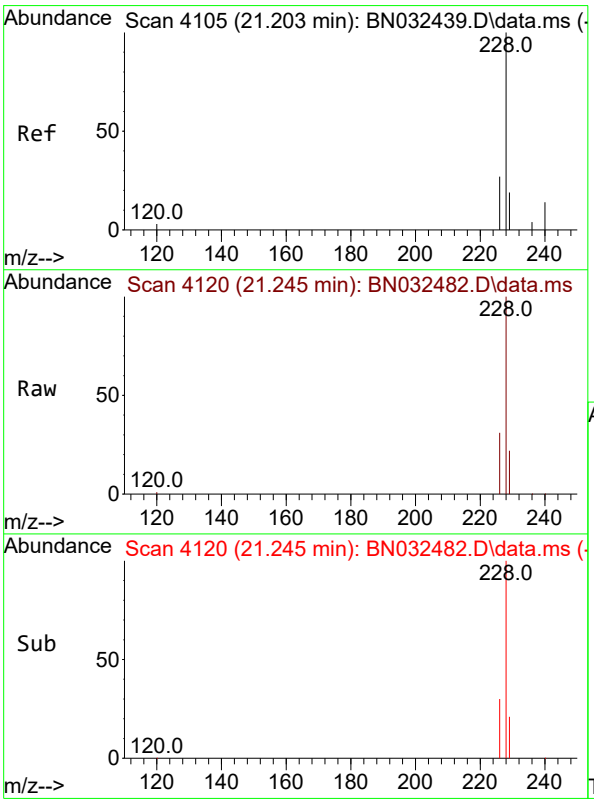
#20
Pyrene
Concen: 7.207 ng/ul
RT: 19.597 min Scan# 3
Delta R.T. 0.157 min
Lab File: BN032482.D
Acq: 04 Jul 2024 19:58

Instrument :
BNA_N
ClientSampleId :
A4CR6

Tgt Ion:202 Resp: 6482

Ion	Ratio	Lower	Upper
202	100		
101	42.8	11.0	16.4#
100	14.0	8.7	13.1#

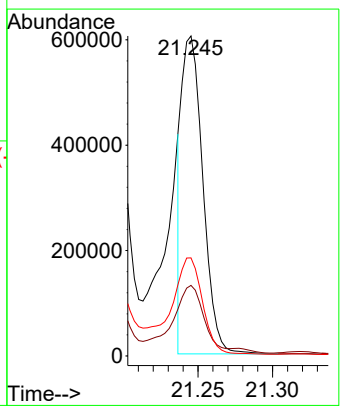


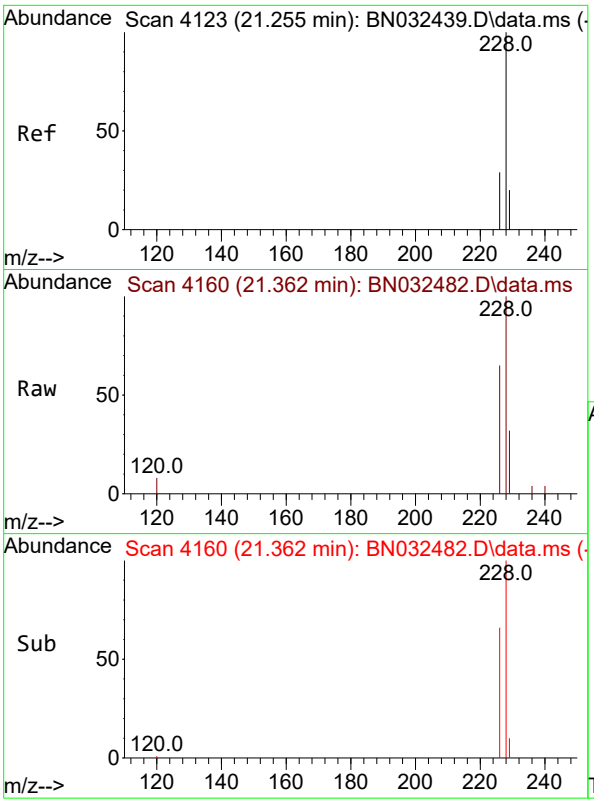


#21
Benzo(a)anthracene
Concen: 725.877 ng/ul
RT: 21.245 min Scan# 4120
Delta R.T. 0.054 min
Lab File: BN032482.D
Acq: 04 Jul 2024 19:58

Tgt Ion:228 Resp: 592097

Ion	Ratio	Lower	Upper
228	100		
229	22.1	15.7	23.5
226	30.6	21.8	32.8



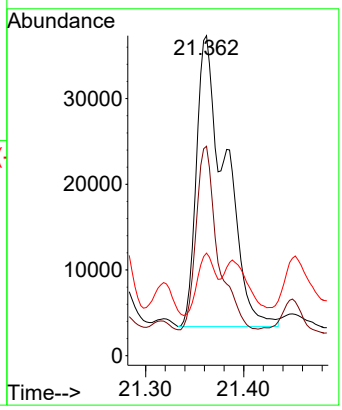


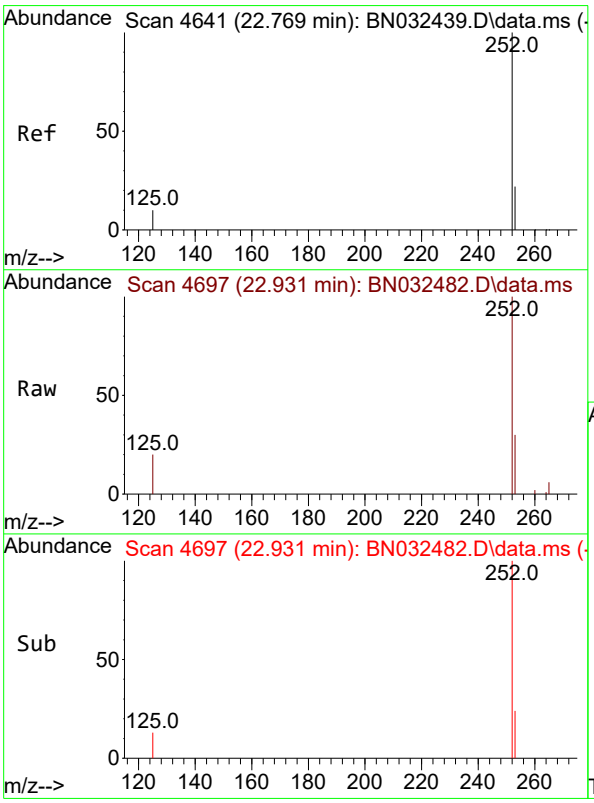
#22
Chrysene
Concen: 78.538 ng/ul
RT: 21.362 min Scan# 4
Delta R.T. 0.119 min
Lab File: BN032482.D
Acq: 04 Jul 2024 19:58

Instrument :
BNA_N
ClientSampleId :
A4CR6

Tgt Ion:228 Resp: 70315

Ion	Ratio	Lower	Upper
228	100		
226	65.5	23.6	35.4#
229	32.0	15.7	23.5#

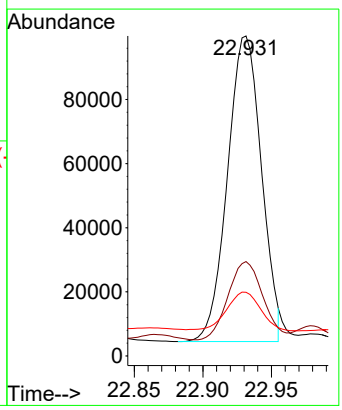


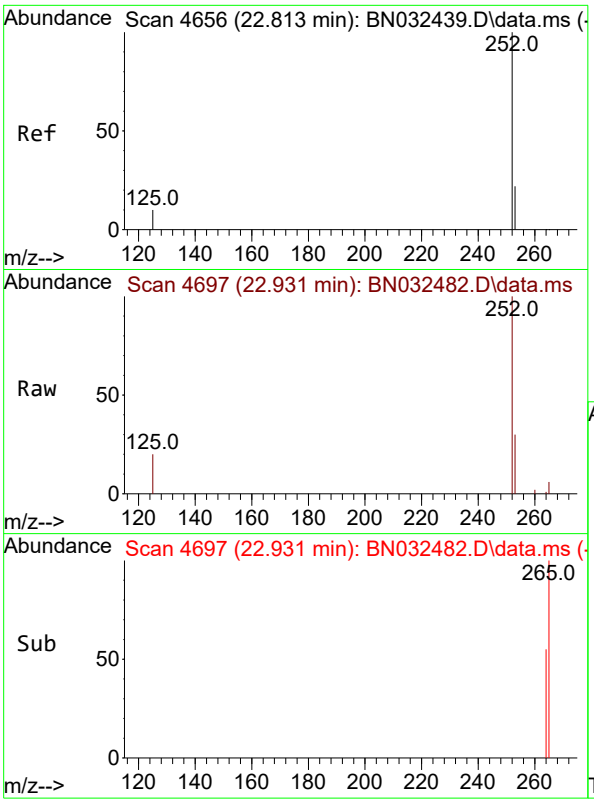


#24
Benzo(b)fluoranthene
Concen: 7.675 ng/ul
RT: 22.931 min Scan# 4697
Delta R.T. 0.174 min
Lab File: BN032482.D
Acq: 04 Jul 2024 19:58

Tgt Ion:252 Resp: 164049

Ion	Ratio	Lower	Upper
252	100		
253	29.5	0.0	50.2
125	19.9	0.0	32.0



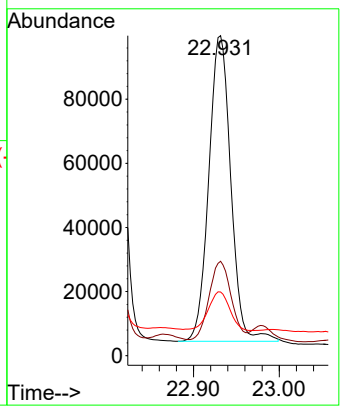


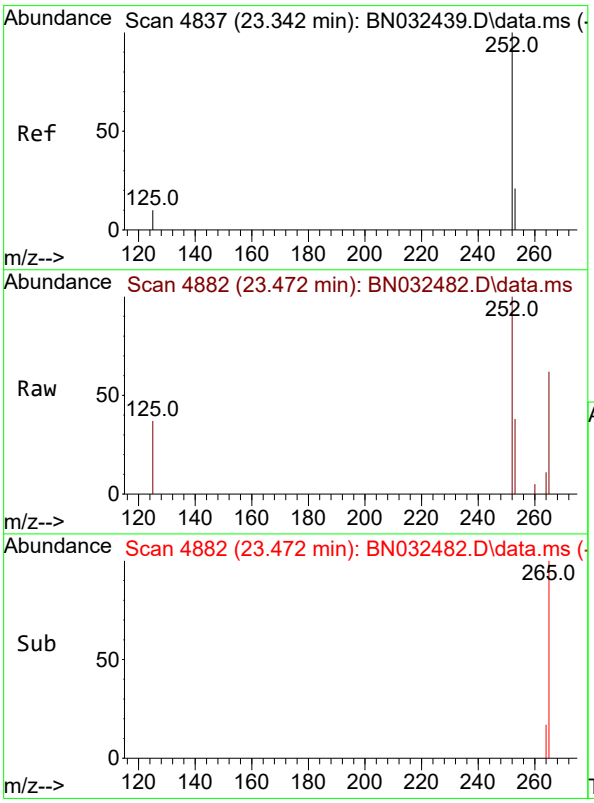
#25
Benzo(k)fluoranthene
Concen: 8.194 ng/ul
RT: 22.931 min Scan# 4
Delta R.T. 0.130 min
Lab File: BN032482.D
Acq: 04 Jul 2024 19:58

Instrument :
BNA_N
ClientSampleId :
A4CR6

Tgt Ion:252 Resp: 170176

Ion	Ratio	Lower	Upper
252	100		
253	29.5	20.3	30.5
125	19.9	12.8	19.2#

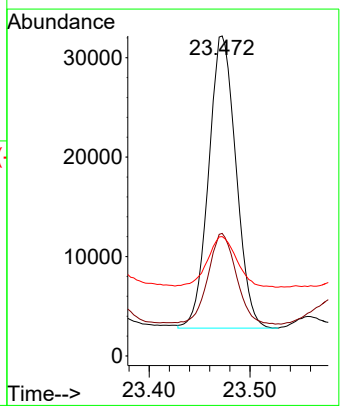


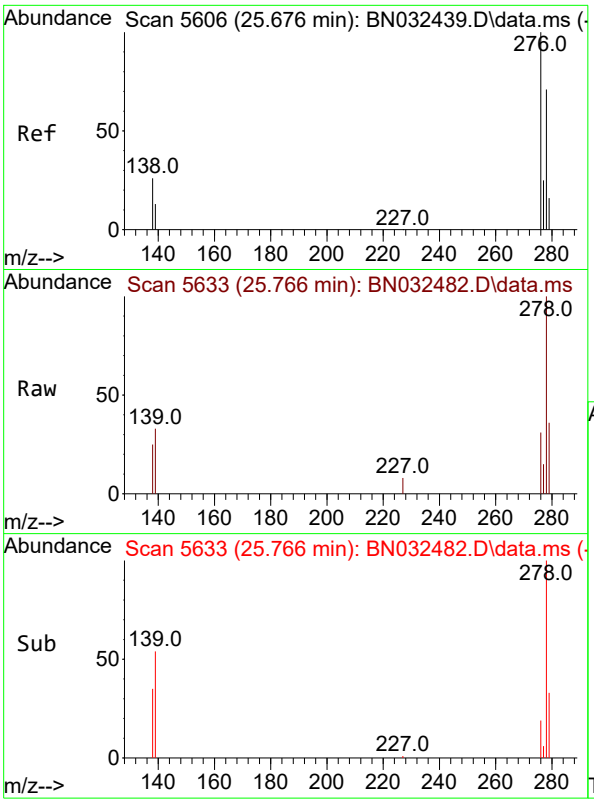


#26
Benzo(a)pyrene
Concen: 3.723 ng/ul
RT: 23.472 min Scan# 4882
Delta R.T. 0.145 min
Lab File: BN032482.D
Acq: 04 Jul 2024 19:58

Tgt Ion:252 Resp: 55363

Ion	Ratio	Lower	Upper
252	100		
253	38.3	22.2	33.2#
125	37.3	16.4	24.6#



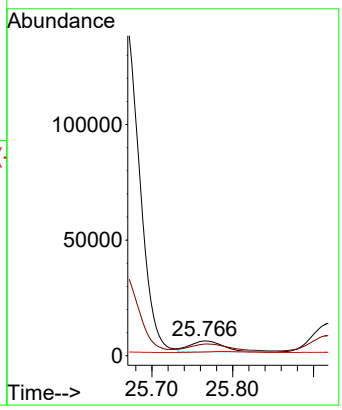


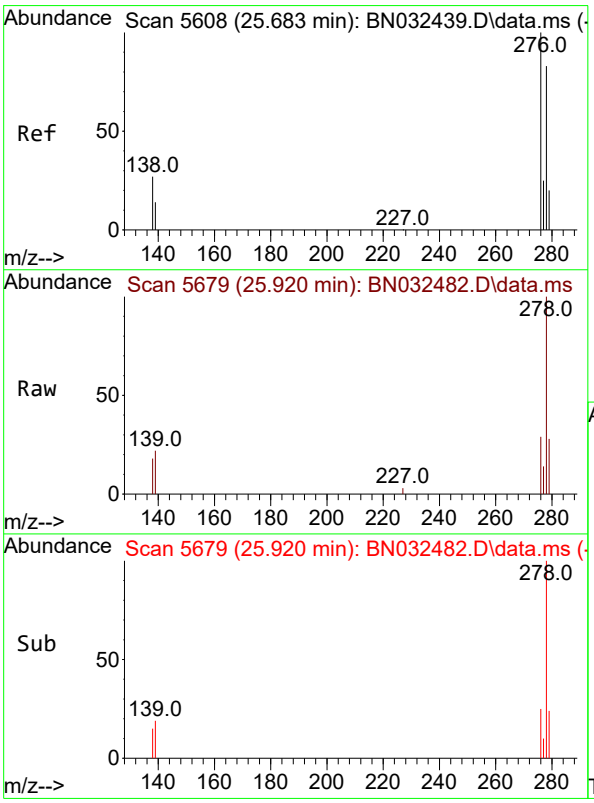
#27
Indeno(1,2,3-cd)pyrene
Concen: 0.584 ng/ul
RT: 25.766 min Scan# 5
Delta R.T. 0.106 min
Lab File: BN032482.D
Acq: 04 Jul 2024 19:58

Instrument :
BNA_N
ClientSampleId :
A4CR6

Tgt Ion:276 Resp: 13591

Ion	Ratio	Lower	Upper
276	100		
138	72.8	21.3	31.9#
227	0.0	0.1	0.1#

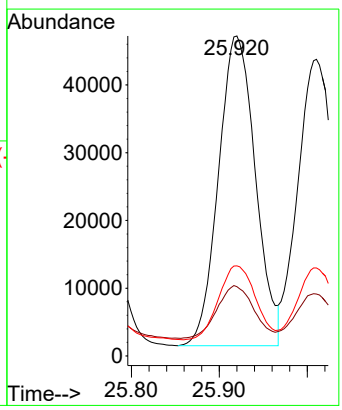


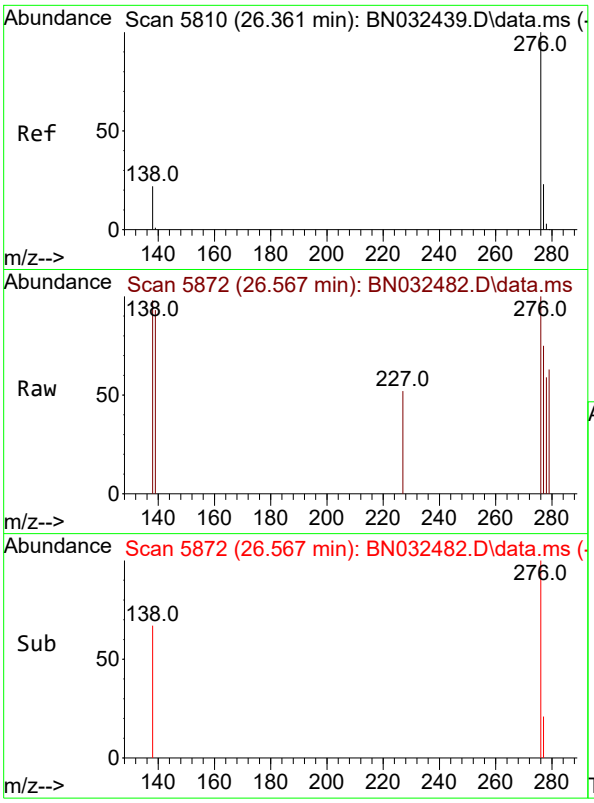


#28
Dibenzo(a,h)anthracene
Concen: 7.713 ng/ul
RT: 25.920 min Scan# 5679
Delta R.T. 0.254 min
Lab File: BN032482.D
Acq: 04 Jul 2024 19:58

Tgt Ion:278 Resp: 133451

Ion	Ratio	Lower	Upper
278	100		
139	21.7	15.9	23.9
279	28.2	21.1	31.7





#29
Benzo(g,h,i)perylene
Concen: 0.291 ng/ul
RT: 26.567 min Scan# 5
Delta R.T. 0.224 min
Lab File: BN032482.D
Acq: 04 Jul 2024 19:58

Instrument :
BNA_N
ClientSampleId :
A4CR6

Tgt Ion:276 Resp: 5404

Ion	Ratio	Lower	Upper
276	100		
138	98.1	19.8	29.6#
277	75.0	19.8	29.6#