Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092223\
Data File : BN027837.D
Acq On : 22 Sep 2023 22:45
Operator : MA/JU
Sample : 04387-11
Misc :
ALS Vial : 56 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AB8

Quant Time: Sep 23 03:50:03 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN091523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 22 03:58:00 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.004	152	5163	0.400	ng/ul	0.00
4) Naphthalene-d8	10.823	136	17815	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.643	164	10810	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.392	188	24882	0.400	ng/ul	0.00
17) Chrysene-d12	21.571	240	20487	0.400	ng/ul	# 0.00
23) Perylene-d12	24.071	264	17987	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.380	96	15423	2.372	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.401	152	8504	0.315	ng/ul	0.00
18) Fluoranthene-d10	19.413	212	21915	0.350	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.872	128	3228	0.063	ng/ul#	89
7) 2-Methylnaphthalene	12.478	142	3013	0.093	ng/ul	100
8) 1-Methylnaphthalene	12.693	142	2522	0.076	ng/ul	100
10) Acenaphthylene	14.370	152	2525	0.053	ng/ul#	84
15) Phenanthrene	17.434	178	22167	0.284	ng/ul	98
16) Anthracene	17.527	178	2936	0.045	ng/ul#	83
19) Fluoranthene	19.446	202	56264	0.679	ng/ul	98
20) Pyrene	19.813	202	48099	0.564	ng/ul	98
21) Benzo(a)anthracene	21.554	228	21111	0.266	ng/ul	95
22) Chrysene	21.612	228	26673	0.326	ng/ul#	95
24) Benzo(b)fluoranthene	23.293	252	50734	0.633	ng/ul#	1
26) Benzo(a)pyrene	23.956	252	20497	0.318	ng/ul#	52
27) Indeno(1,2,3-cd)pyrene	26.696	276	17299	0.209	ng/ul#	30
28) Dibenzo(a,h)anthracene	26.707	278	4206	0.063	ng/ul#	1
29) Benzo(g,h,i)perylene	27.525	276	18733	0.267	ng/ul#	47

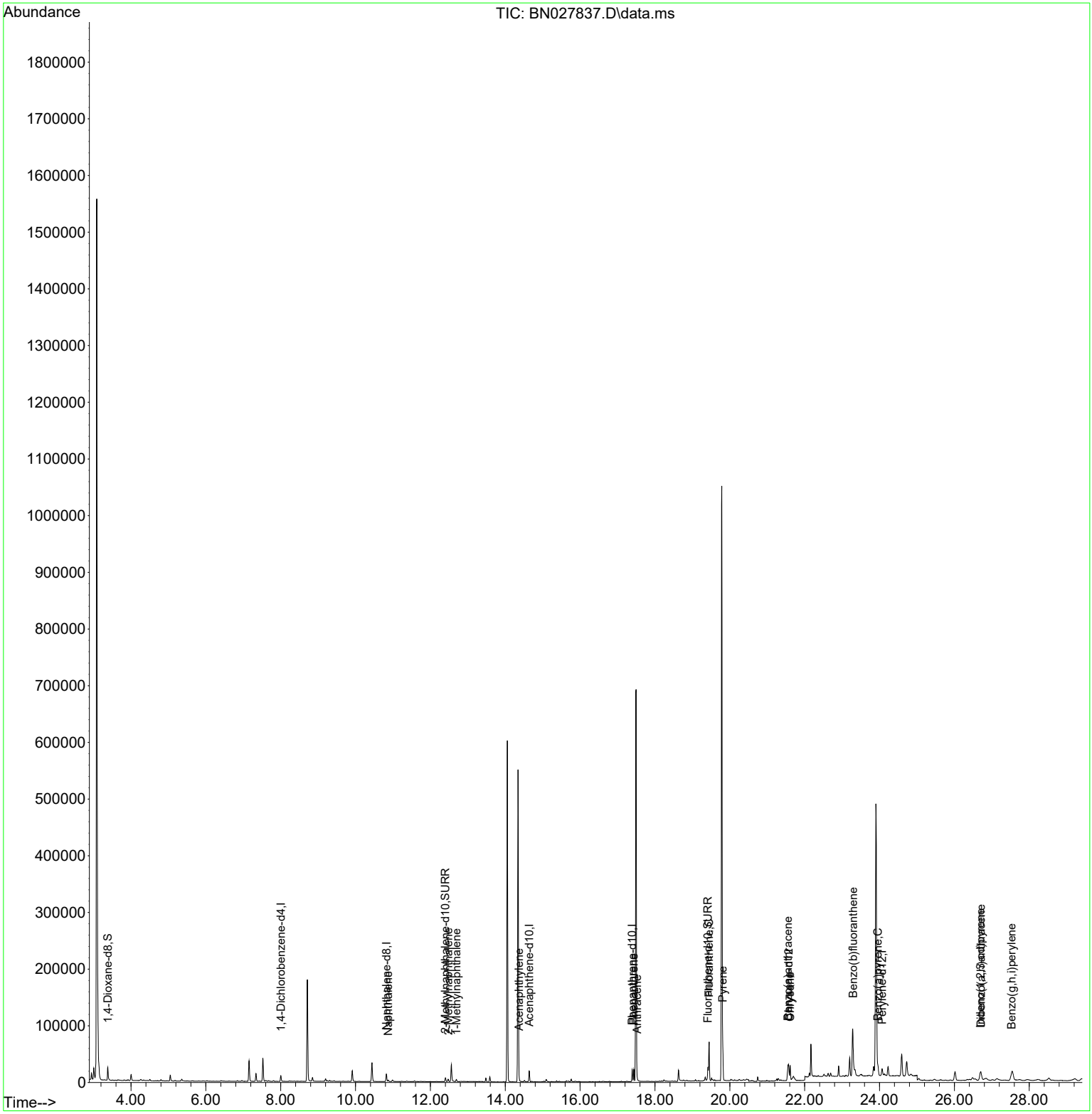
(#) = qualifier out of range (m) = manual integration (+) = signals summed

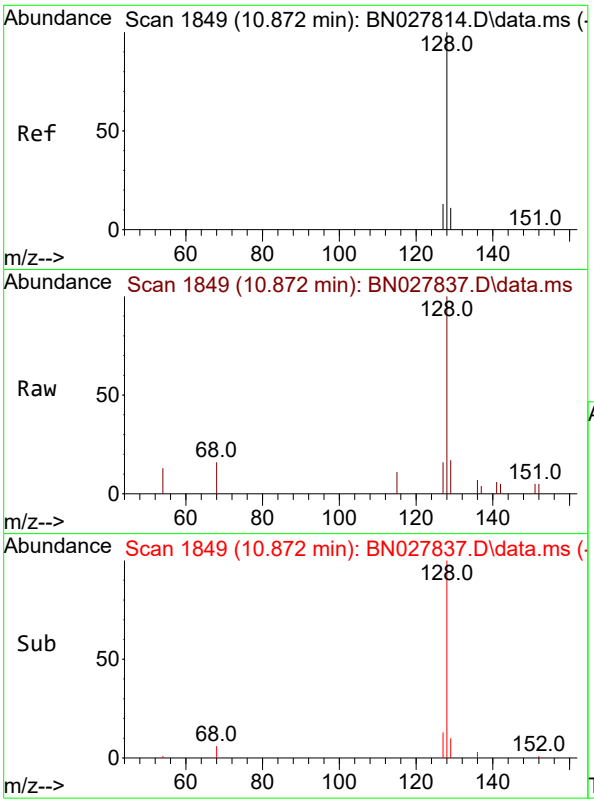
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092223\
Data File : BN027837.D
Acq On : 22 Sep 2023 22:45
Operator : MA/JU
Sample : 04387-11
Misc :
ALS Vial : 56 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AB8

Quant Time: Sep 23 03:50:03 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN091523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 22 03:58:00 2023
Response via : Initial Calibration



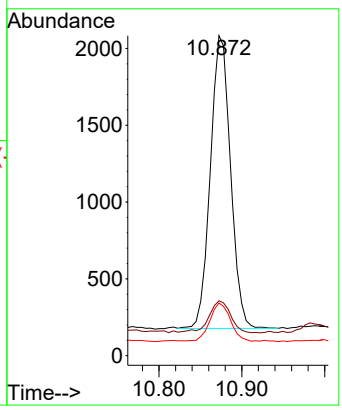


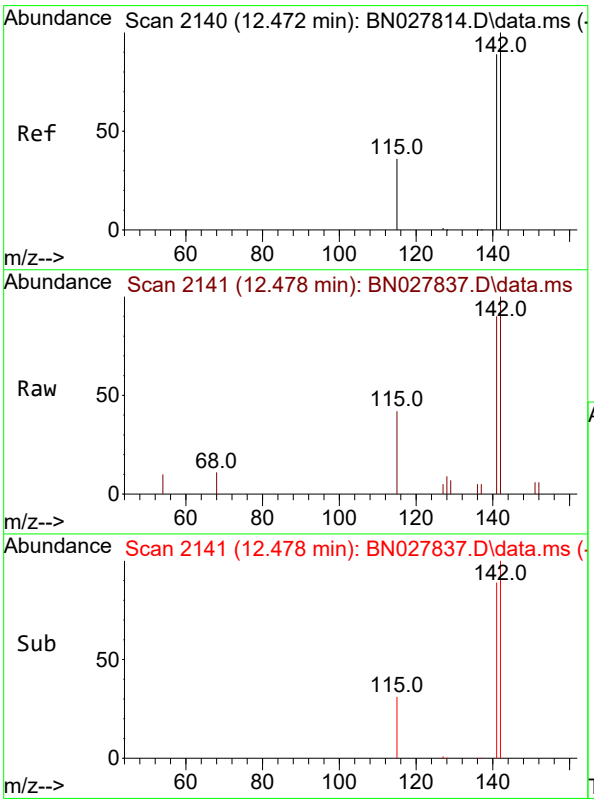
#5
Naphthalene
Concen: 0.063 ng/ul
RT: 10.872 min Scan# 1
Delta R.T. -0.005 min
Lab File: BN027837.D
Acq: 22 Sep 2023 22:45

Instrument :
BNA_N
ClientSampleId :
C0AB8

Tgt Ion:128 Resp: 3228

Ion	Ratio	Lower	Upper
128	100		
129	17.2	9.3	13.9#
127	16.5	10.7	16.1#

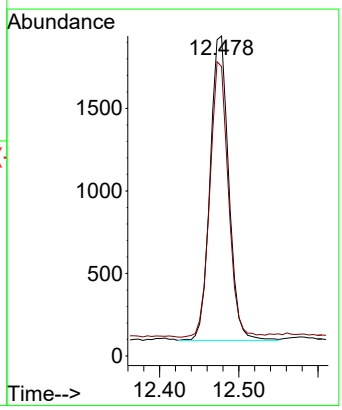


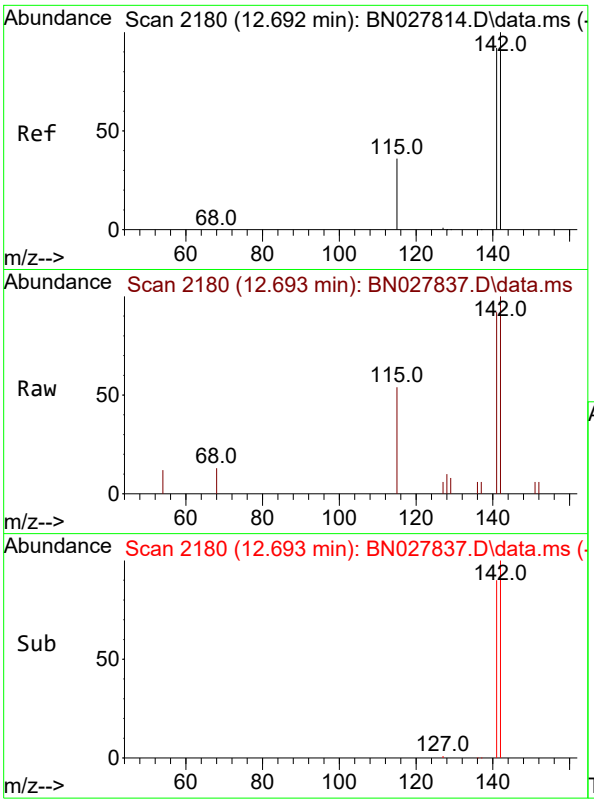


#7
2-Methylnaphthalene
Concen: 0.093 ng/ul
RT: 12.478 min Scan# 2141
Delta R.T. 0.000 min
Lab File: BN027837.D
Acq: 22 Sep 2023 22:45

Tgt Ion:142 Resp: 3013

Ion	Ratio	Lower	Upper
142	100		
141	89.1	71.1	106.7



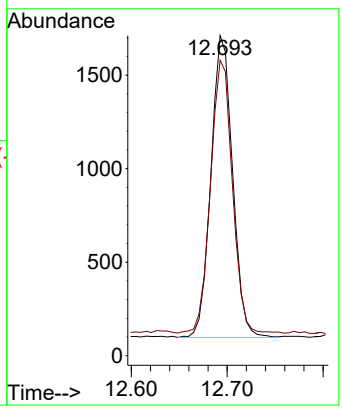


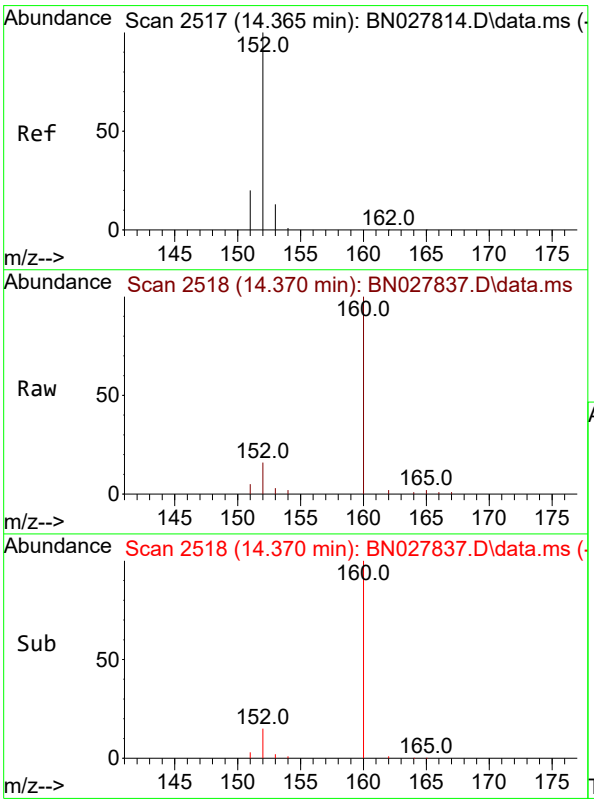
#8
1-Methylnaphthalene
Concen: 0.076 ng/ul
RT: 12.693 min Scan# 2
Delta R.T. -0.005 min
Lab File: BN027837.D
Acq: 22 Sep 2023 22:45

Instrument :
BNA_N
ClientSampleId :
C0AB8

Tgt Ion:142 Resp: 2522

Ion	Ratio	Lower	Upper
142	100		
141	91.2	72.8	109.2

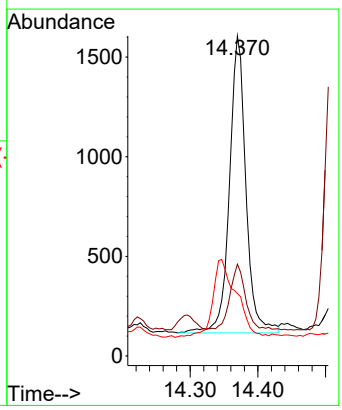


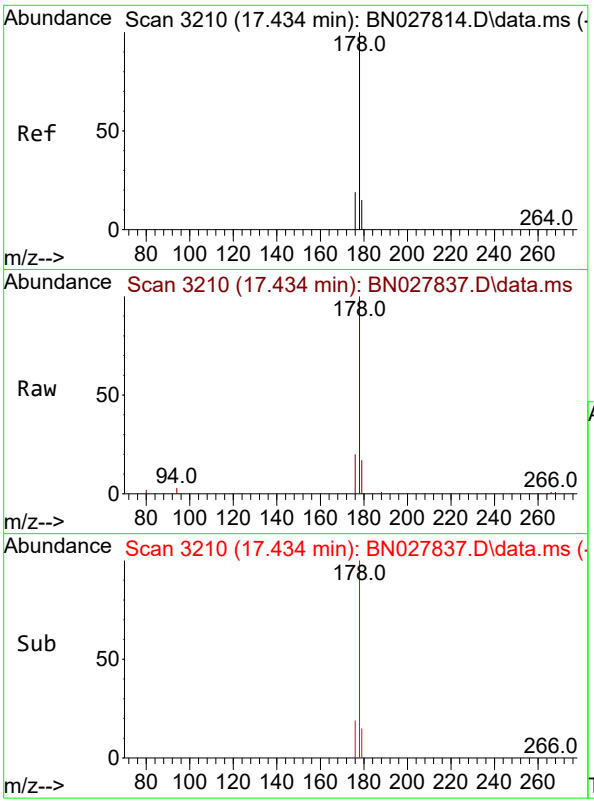


#10
Acenaphthylene
Concen: 0.053 ng/ul
RT: 14.370 min Scan# 2518
Delta R.T. 0.000 min
Lab File: BN027837.D
Acq: 22 Sep 2023 22:45

Tgt Ion:152 Resp: 2525

Ion	Ratio	Lower	Upper
152	100		
151	28.7	16.6	25.0#
153	19.5	11.0	16.6#



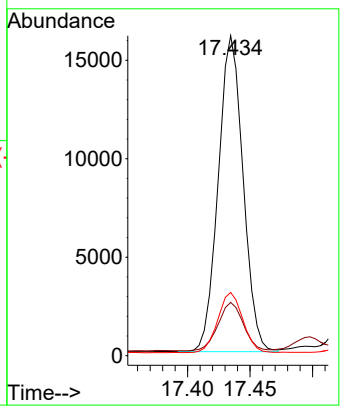


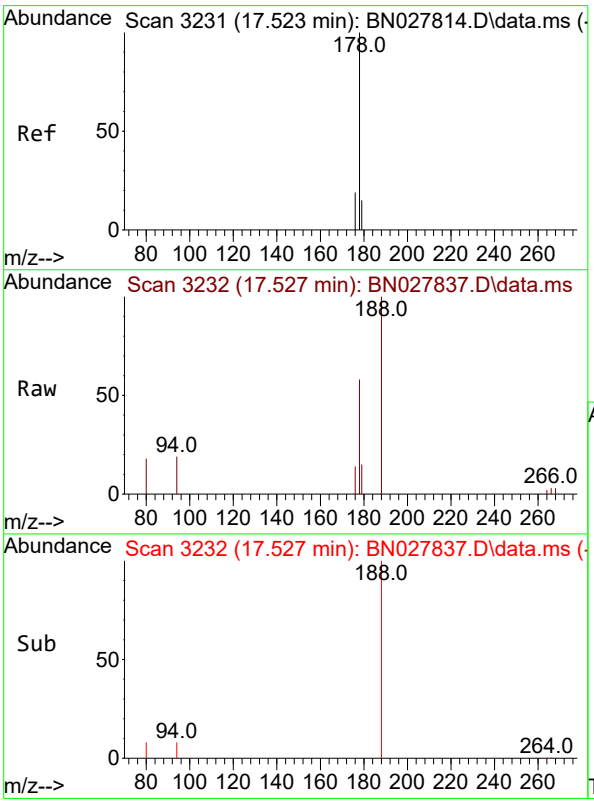
#15
Phenanthrene
Concen: 0.284 ng/ul
RT: 17.434 min Scan# 3
Delta R.T. 0.000 min
Lab File: BN027837.D
Acq: 22 Sep 2023 22:45

Instrument :
BNA_N
ClientSampleId :
C0AB8

Tgt Ion:178 Resp: 22167

Ion	Ratio	Lower	Upper
178	100		
179	16.6	12.4	18.6
176	19.7	16.0	24.0

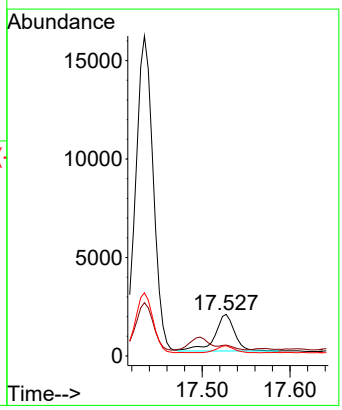


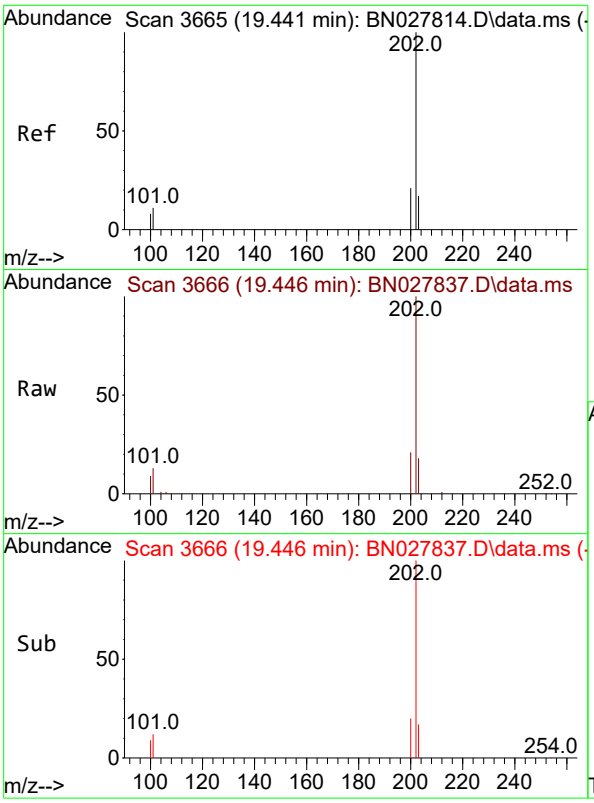


#16
Anthracene
Concen: 0.045 ng/ul
RT: 17.527 min Scan# 3232
Delta R.T. 0.000 min
Lab File: BN027837.D
Acq: 22 Sep 2023 22:45

Tgt Ion:178 Resp: 2936

Ion	Ratio	Lower	Upper
178	100		
179	26.0	12.6	19.0#
176	24.8	15.5	23.3#



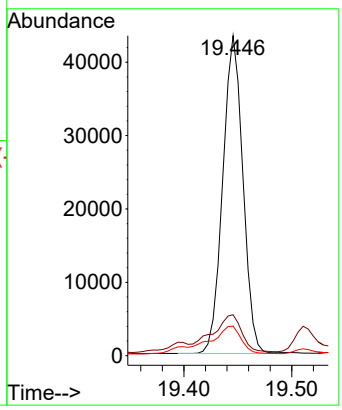


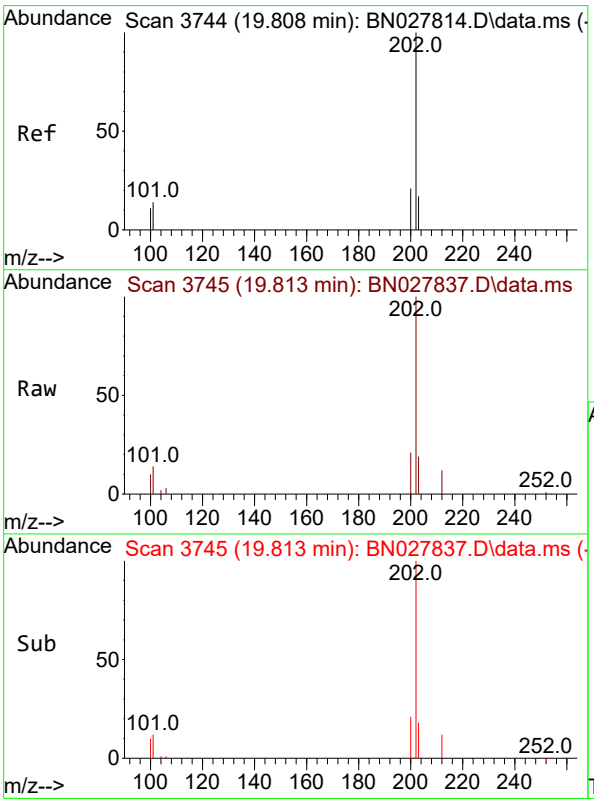
#19
Fluoranthene
Concen: 0.679 ng/ul
RT: 19.446 min Scan# 3
Delta R.T. 0.000 min
Lab File: BN027837.D
Acq: 22 Sep 2023 22:45

Instrument :
BNA_N
ClientSampleId :
C0AB8

Tgt Ion:202 Resp: 56264

Ion	Ratio	Lower	Upper
202	100		
101	12.8	9.3	13.9
100	9.2	7.0	10.4

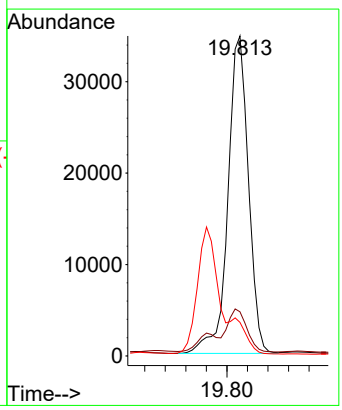


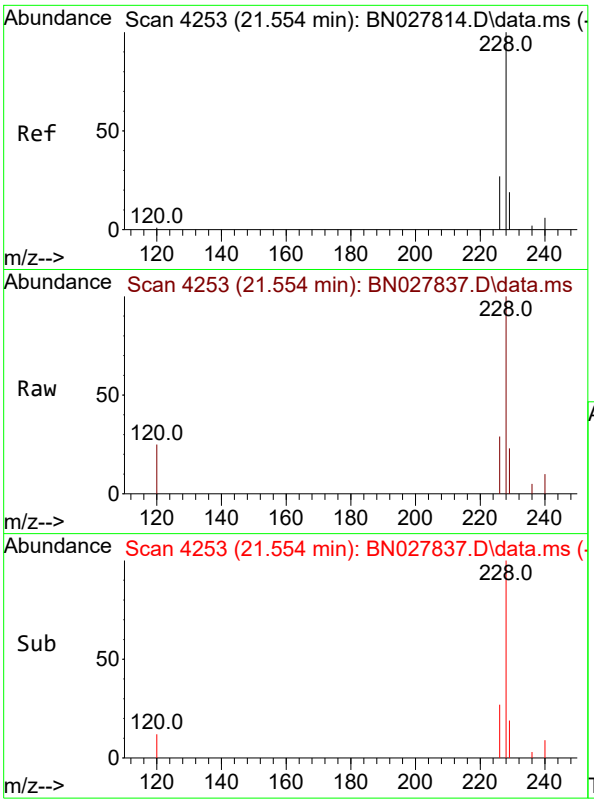


#20
Pyrene
Concen: 0.564 ng/ul
RT: 19.813 min Scan# 3745
Delta R.T. 0.000 min
Lab File: BN027837.D
Acq: 22 Sep 2023 22:45

Tgt Ion:202 Resp: 48099

Ion	Ratio	Lower	Upper
202	100		
101	13.8	11.4	17.0
100	10.5	9.1	13.7



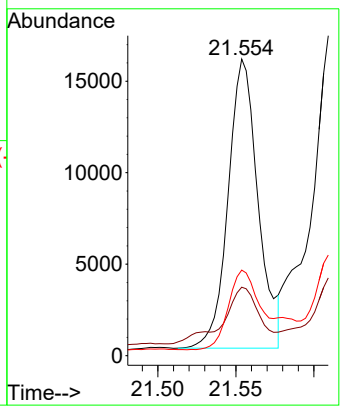


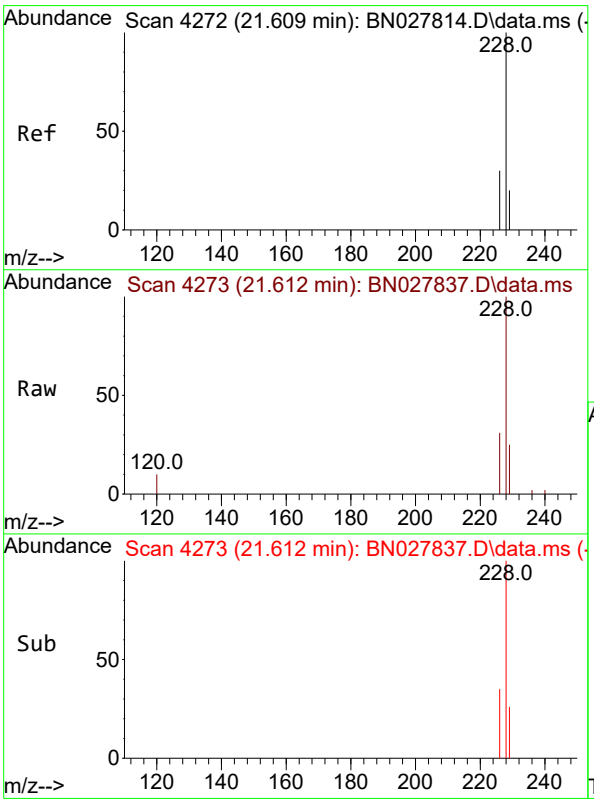
#21
Benzo(a)anthracene
Concen: 0.266 ng/ul
RT: 21.554 min Scan# 4
Delta R.T. 0.000 min
Lab File: BN027837.D
Acq: 22 Sep 2023 22:45

Instrument :
BNA_N
ClientSampleId :
C0AB8

Tgt Ion:228 Resp: 21111

Ion	Ratio	Lower	Upper
228	100		
229	23.1	15.8	23.8
226	28.9	22.0	33.0

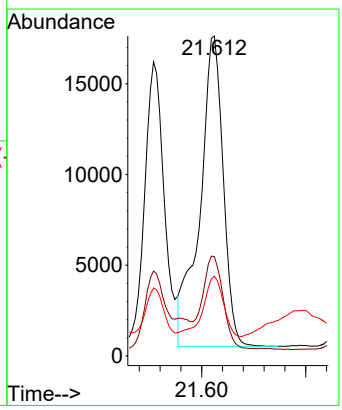


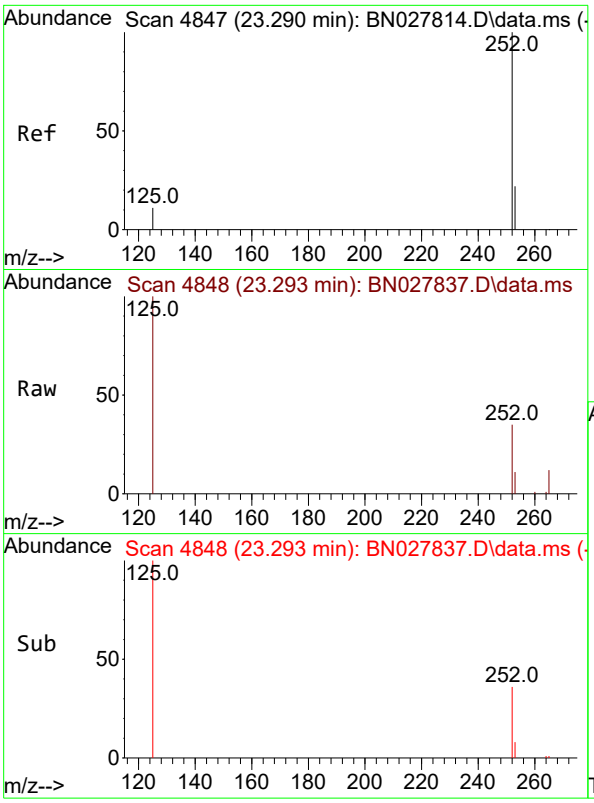


#22
Chrysene
Concen: 0.326 ng/ul
RT: 21.612 min Scan# 4273
Delta R.T. 0.003 min
Lab File: BN027837.D
Acq: 22 Sep 2023 22:45

Tgt Ion:228 Resp: 26673

Ion	Ratio	Lower	Upper
228	100		
226	31.0	24.5	36.7
229	24.9	16.0	24.0#



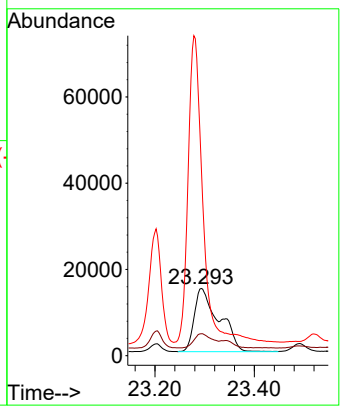


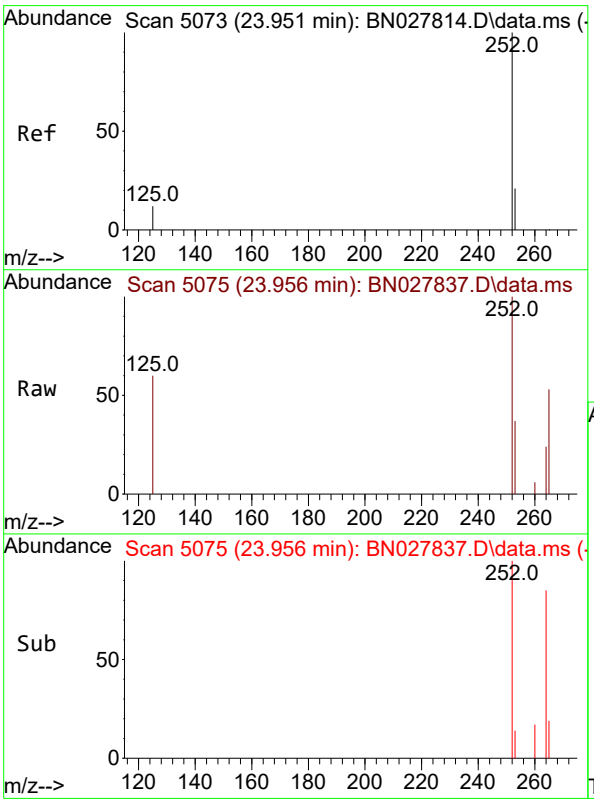
#24
Benzo(b)fluoranthene
Concen: 0.633 ng/ul
RT: 23.293 min Scan# 4
Delta R.T. 0.003 min
Lab File: BN027837.D
Acq: 22 Sep 2023 22:45

Instrument :
BNA_N
ClientSampleId :
C0AB8

Tgt Ion:252 Resp: 50734

Ion	Ratio	Lower	Upper
252	100		
253	32.6	0.0	50.2
125	283.9	0.0	31.4#

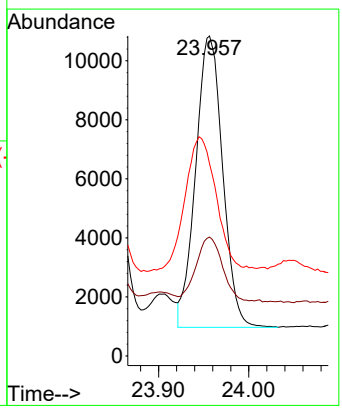


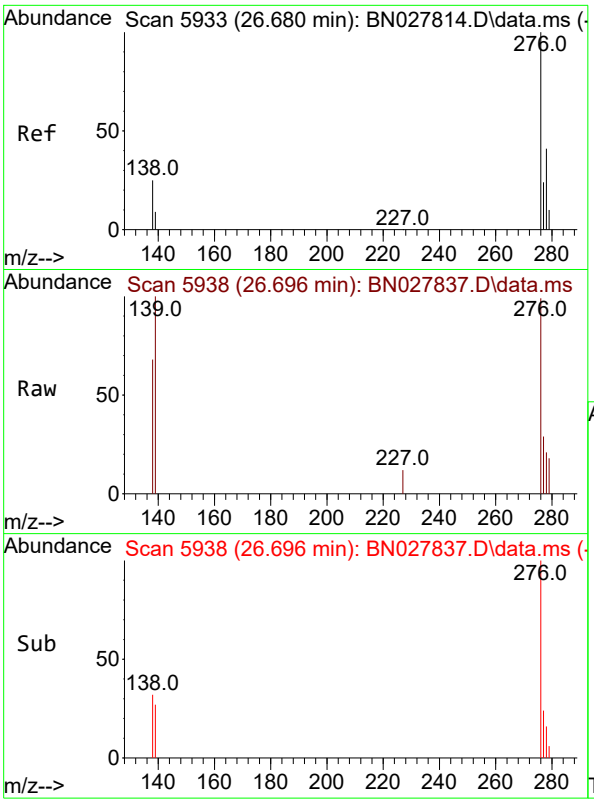


#26
Benzo(a)pyrene
Concen: 0.318 ng/ul
RT: 23.956 min Scan# 5075
Delta R.T. 0.006 min
Lab File: BN027837.D
Acq: 22 Sep 2023 22:45

Tgt Ion:252 Resp: 20497

Ion	Ratio	Lower	Upper
252	100		
253	37.1	21.9	32.9#
125	60.1	15.5	23.3#



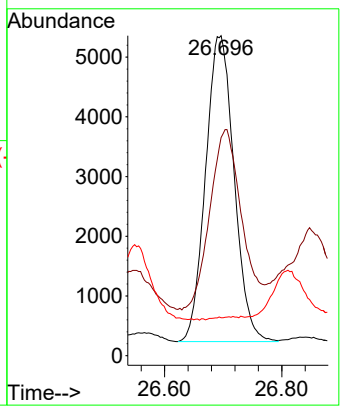


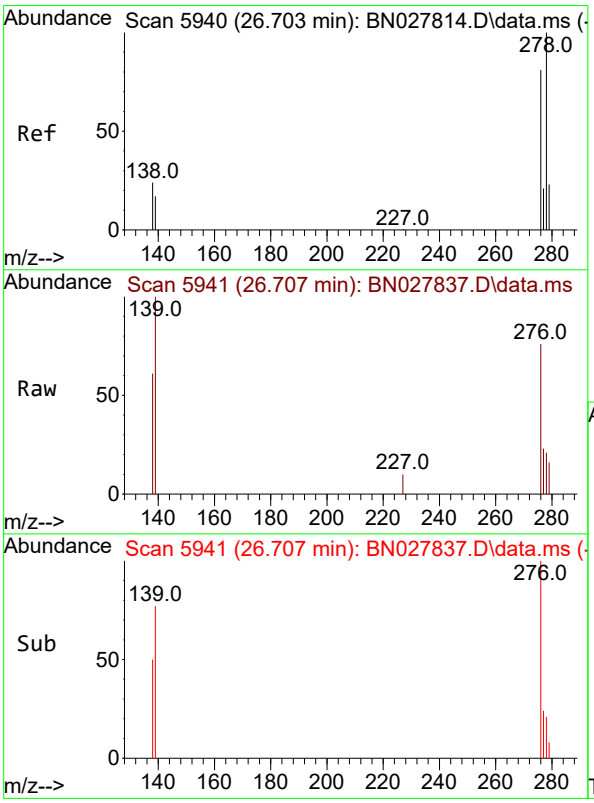
#27
Indeno(1,2,3-cd)pyrene
Concen: 0.209 ng/ul
RT: 26.696 min Scan# 5
Delta R.T. 0.014 min
Lab File: BN027837.D
Acq: 22 Sep 2023 22:45

Instrument :
BNA_N
ClientSampleId :
C0AB8

Tgt Ion:276 Resp: 17299

Ion	Ratio	Lower	Upper
276	100		
138	68.3	24.3	36.5#
227	0.0	0.0	0.0

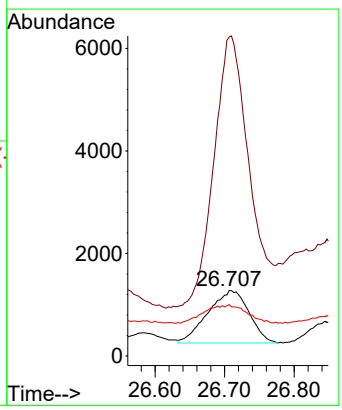


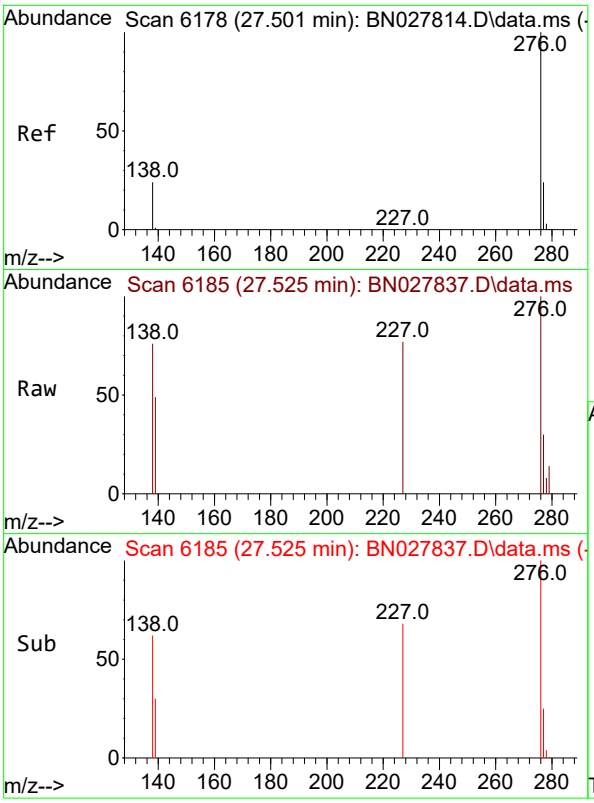


#28
Dibenzo(a,h)anthracene
Concen: 0.063 ng/ul
RT: 26.707 min Scan# 5941
Delta R.T. 0.000 min
Lab File: BN027837.D
Acq: 22 Sep 2023 22:45

Tgt Ion:278 Resp: 4206

Ion	Ratio	Lower	Upper
278	100		
139	487.1	17.2	25.8#
279	78.4	21.4	32.0#





#29
Benzo(g,h,i)perylene
Concen: 0.267 ng/ul
RT: 27.525 min Scan# 6
Delta R.T. 0.020 min
Lab File: BN027837.D
Acq: 22 Sep 2023 22:45

Instrument :
BNA_N
ClientSampleId :
C0AB8

Tgt Ion:276 Resp: 18733

Ion	Ratio	Lower	Upper
276	100		
138	75.8	21.7	32.5#
277	30.3	20.2	30.2#