Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092223\
Data File : BN027806.D
Acq On : 22 Sep 2023 03:21
Operator : MA/JU
Sample : 04332-04
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AC3

Quant Time: Sep 22 04:04:48 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	7274	0.400	ng/ul		0.00
4) Naphthalene-d8	10.823	136	24463	0.400	ng/ul		0.00
9) Acenaphthene-d10	14.643	164	14674	0.400	ng/ul		0.00
13) Phenanthrene-d10	17.392	188	33446	0.400	ng/ul		0.00
17) Chrysene-d12	21.571	240	27586	0.400	ng/ul	#	0.00
23) Perylene-d12	24.068	264	24408	0.400	ng/ul		0.00
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.380	96	13013	1.420	ng/ul		0.00
6) 2-Methylnaphthalene-d10	12.401	152	3565	0.096	ng/ul		0.00
18) Fluoranthene-d10	19.413	212	9260	0.110	ng/ul		0.00
Target Compounds							Qvalue
5) Naphthalene	10.878	128	1947	0.028	ng/ul	#	83
7) 2-Methylnaphthalene	12.478	142	1662	0.037	ng/ul		98
8) 1-Methylnaphthalene	12.693	142	1402	0.031	ng/ul		98
10) Acenaphthylene	14.370	152	1627	0.025	ng/ul	#	78
15) Phenanthrene	17.434	178	15825	0.151	ng/ul		98
16) Anthracene	17.523	178	2102	0.024	ng/ul	#	72
19) Fluoranthene	19.445	202	43596	0.391	ng/ul		98
20) Pyrene	19.813	202	37422	0.326	ng/ul		100
21) Benzo(a)anthracene	21.557	228	15583	0.146	ng/ul	#	80
22) Chrysene	21.612	228	20341	0.184	ng/ul	#	83
24) Benzo(b)fluoranthene	23.296	252	37065	0.341	ng/ul	#	1
26) Benzo(a)pyrene	23.954	252	14843	0.170	ng/ul	#	1
27) Indeno(1,2,3-cd)pyrene	26.690	276	12941	0.115	ng/ul	#	41
28) Dibenzo(a,h)anthracene	26.710	278	3315	0.037	ng/ul	#	1
29) Benzo(g,h,i)perylene	27.515	276	13616	0.143	ng/ul	#	36

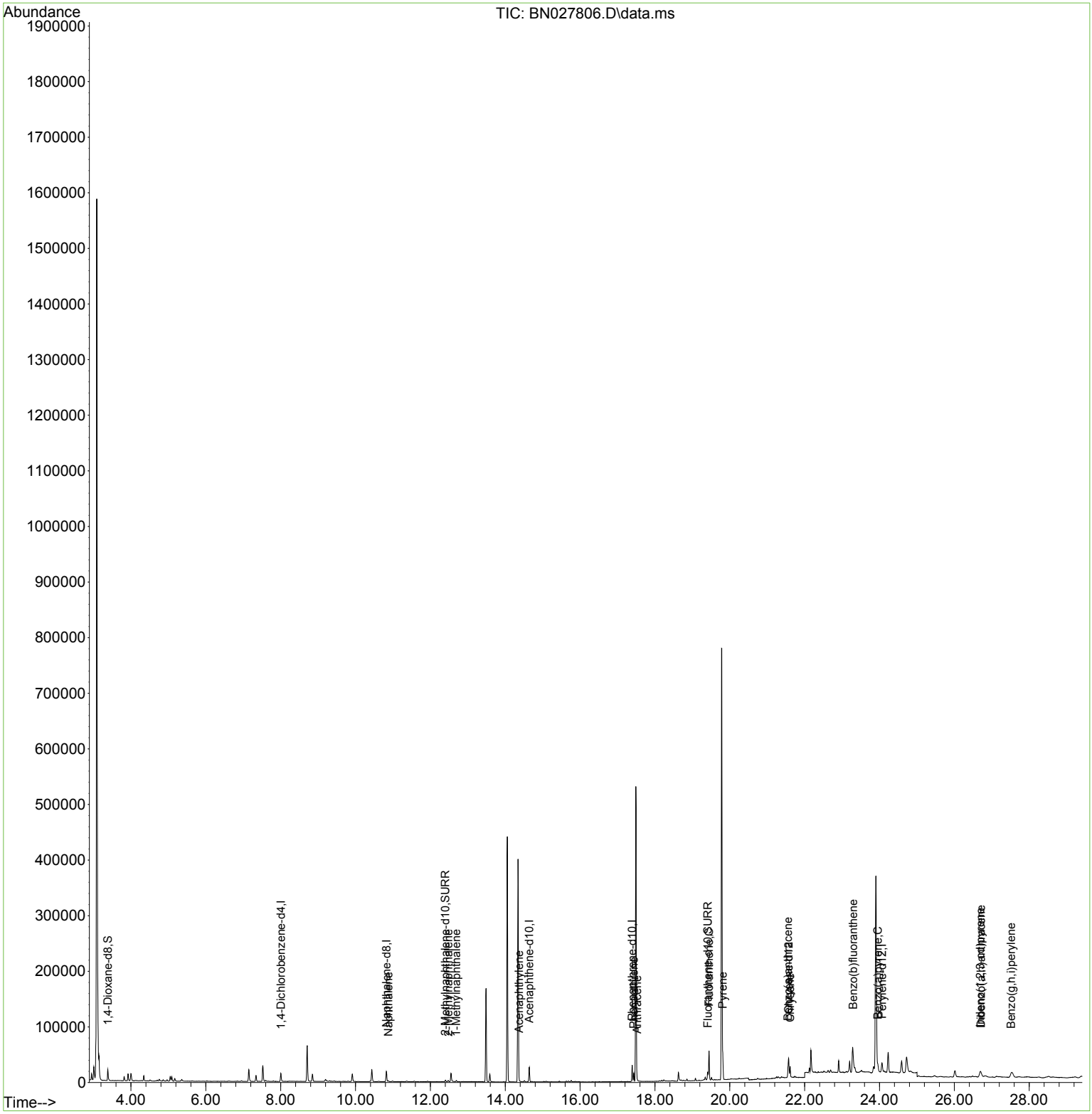
(#) = qualifier out of range (m) = manual integration (+) = signals summed

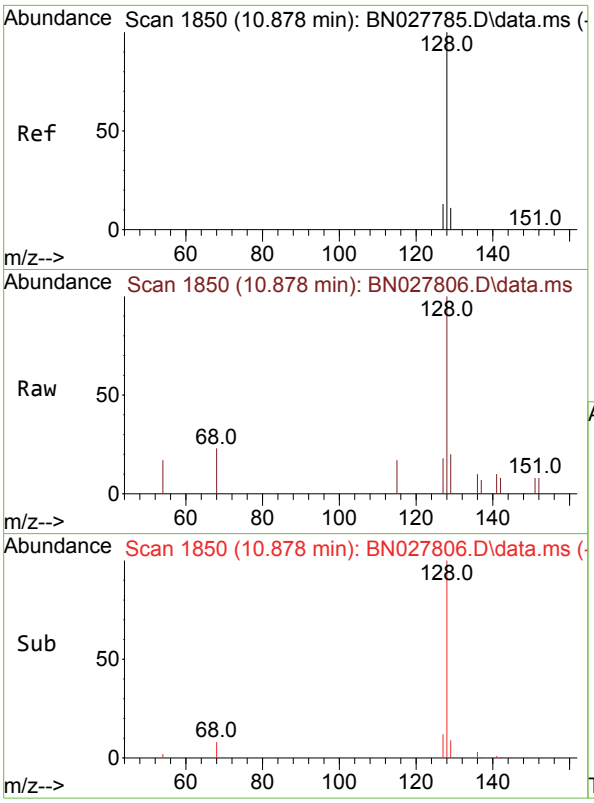
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092223\
Data File : BN027806.D
Acq On : 22 Sep 2023 03:21
Operator : MA/JU
Sample : 04332-04
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AC3

Quant Time: Sep 22 04:04:48 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



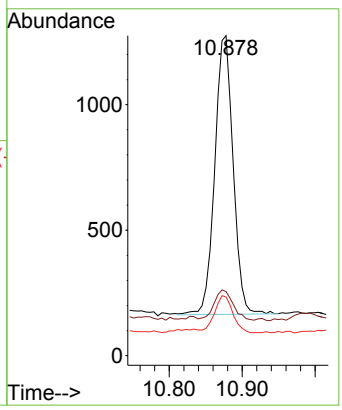


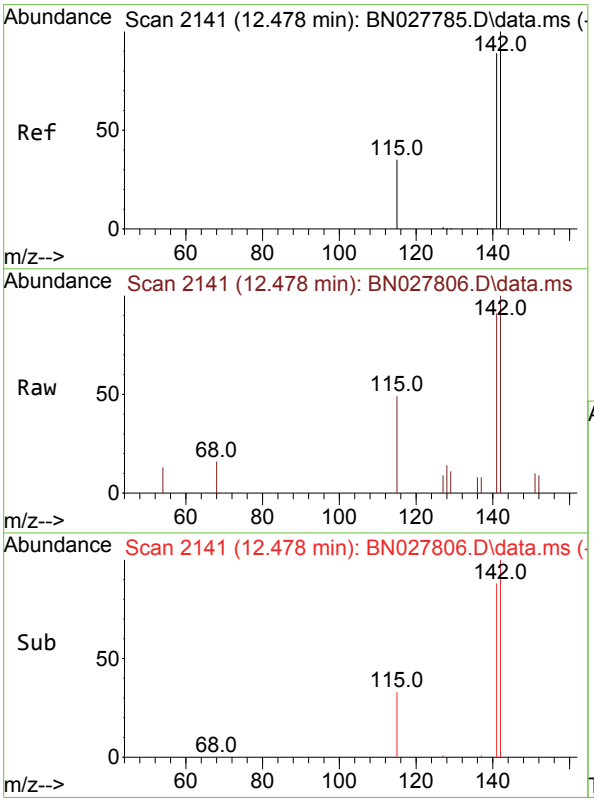
#5
Naphthalene
Concen: 0.028 ng/ul
RT: 10.878 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN027806.D
Acq: 22 Sep 2023 03:21

Instrument :
BNA_N
ClientSampleId :
C0AC3

Tgt Ion:128 Resp: 1947

Ion	Ratio	Lower	Upper
128	100		
129	20.1	9.3	13.9#
127	18.4	10.7	16.1#

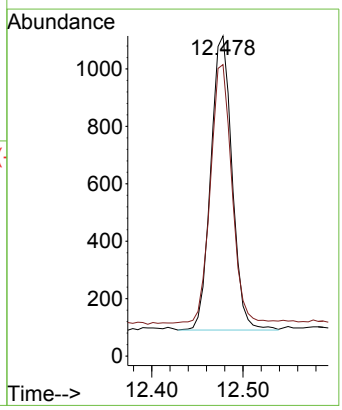


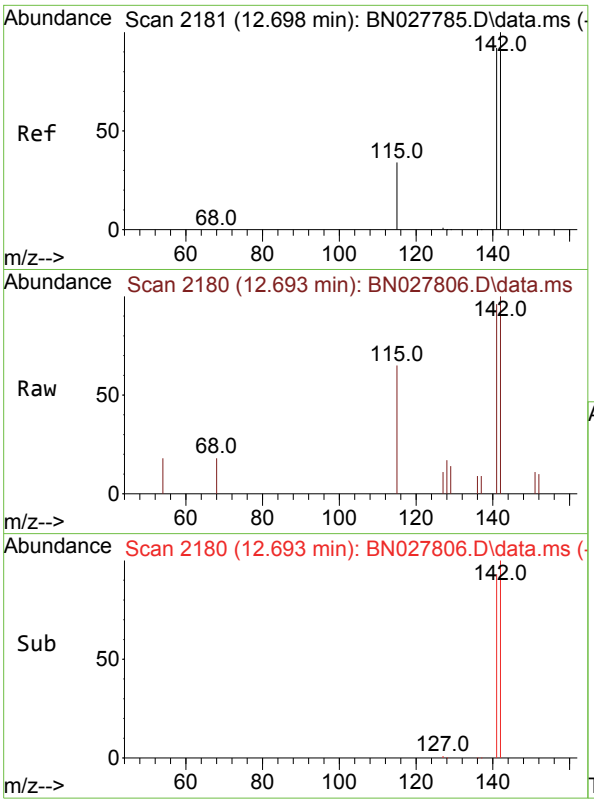


#7
2-Methylnaphthalene
Concen: 0.037 ng/ul
RT: 12.478 min Scan# 2141
Delta R.T. 0.000 min
Lab File: BN027806.D
Acq: 22 Sep 2023 03:21

Tgt Ion:142 Resp: 1662

Ion	Ratio	Lower	Upper
142	100		
141	91.2	71.1	106.7



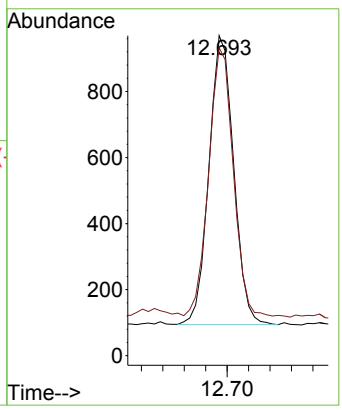


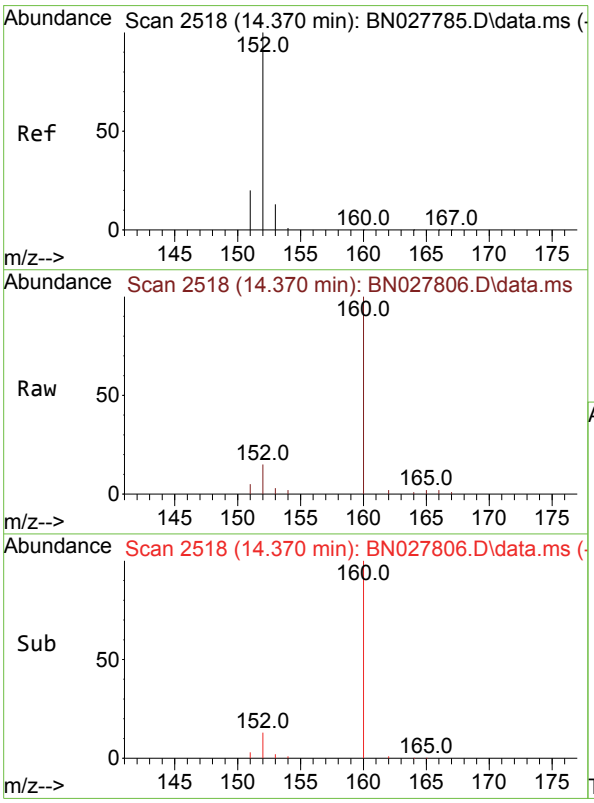
#8
1-Methylnaphthalene
Concen: 0.031 ng/ul
RT: 12.693 min Scan# 21
Delta R.T. -0.005 min
Lab File: BN027806.D
Acq: 22 Sep 2023 03:21

Instrument :
BNA_N
ClientSampleId :
C0AC3

Tgt Ion:142 Resp: 1402

Ion	Ratio	Lower	Upper
142	100		
141	92.7	72.8	109.2

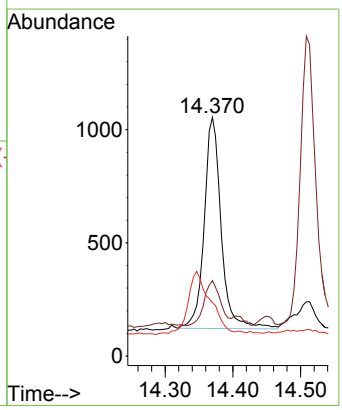


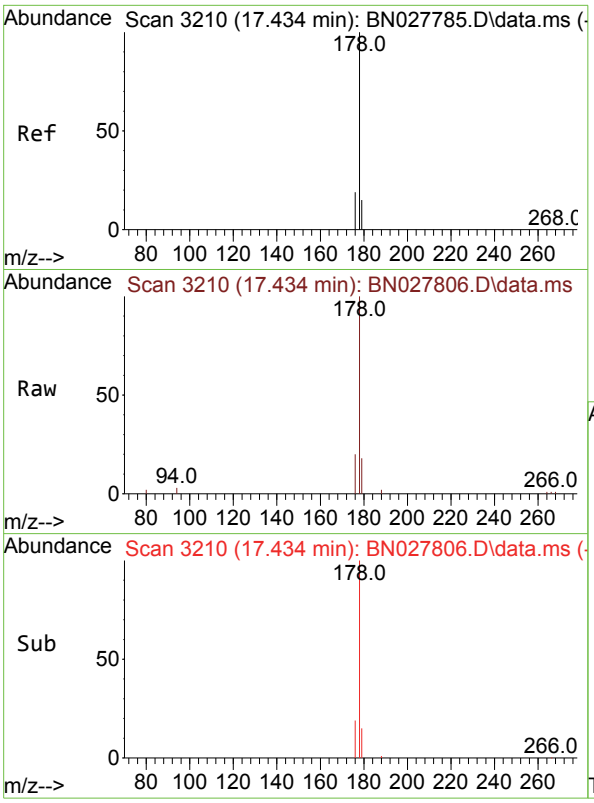


#10
Acenaphthylene
Concen: 0.025 ng/ul
RT: 14.370 min Scan# 2518
Delta R.T. 0.000 min
Lab File: BN027806.D
Acq: 22 Sep 2023 03:21

Tgt Ion:152 Resp: 1627

Ion	Ratio	Lower	Upper
152	100		
151	31.6	16.6	25.0#
153	22.4	11.0	16.6#



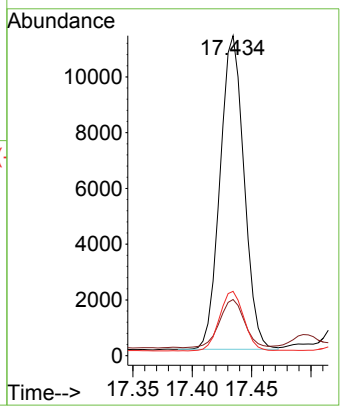


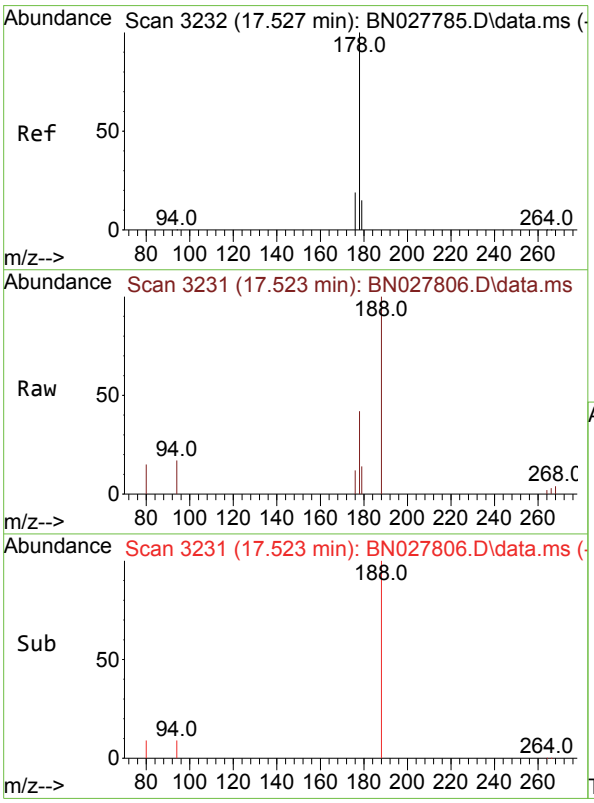
#15
Phenanthrene
Concen: 0.151 ng/ul
RT: 17.434 min Scan# 3
Delta R.T. 0.000 min
Lab File: BN027806.D
Acq: 22 Sep 2023 03:21

Instrument :
BNA_N
ClientSampleId :
C0AC3

Tgt Ion:178 Resp: 15825

Ion	Ratio	Lower	Upper
178	100		
179	17.5	12.4	18.6
176	20.1	16.0	24.0

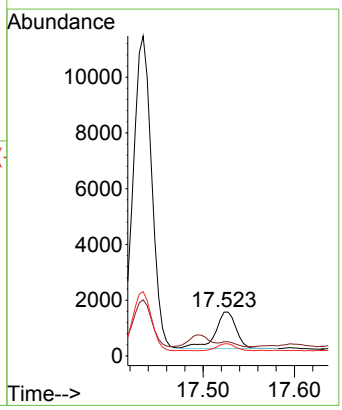


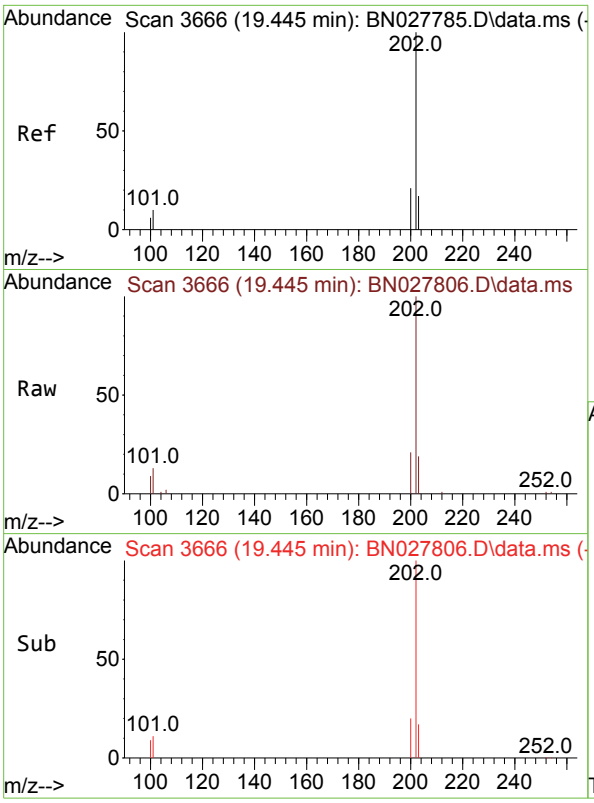


#16
Anthracene
Concen: 0.024 ng/ul
RT: 17.523 min Scan# 3231
Delta R.T. -0.004 min
Lab File: BN027806.D
Acq: 22 Sep 2023 03:21

Tgt Ion:178 Resp: 2102

Ion	Ratio	Lower	Upper
178	100		
179	32.5	12.6	19.0#
176	27.6	15.5	23.3#



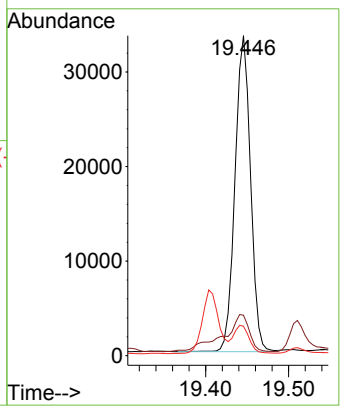


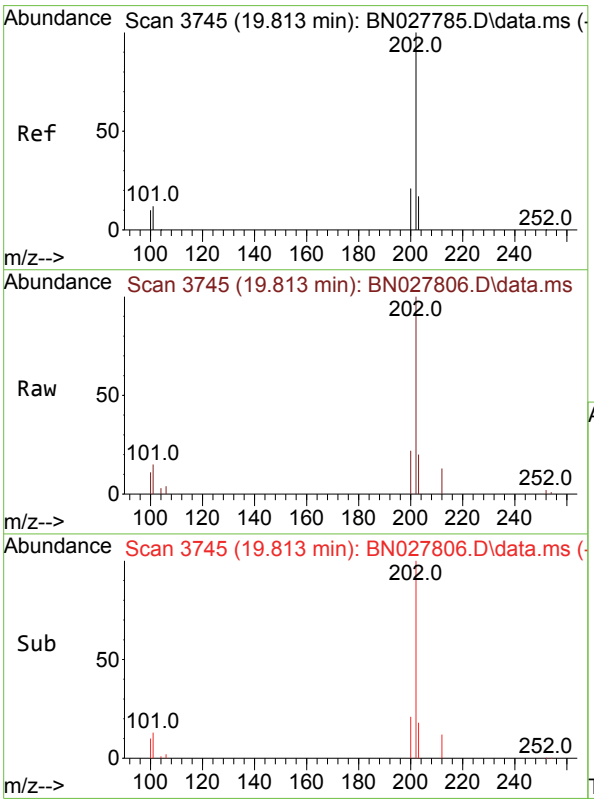
#19
Fluoranthene
Concen: 0.391 ng/ul
RT: 19.445 min Scan# 3
Delta R.T. 0.000 min
Lab File: BN027806.D
Acq: 22 Sep 2023 03:21

Instrument :
BNA_N
ClientSampleId :
C0AC3

Tgt Ion:202 Resp: 43596

Ion	Ratio	Lower	Upper
202	100		
101	12.7	9.3	13.9
100	9.2	7.0	10.4

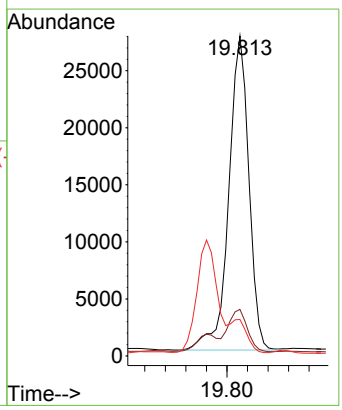


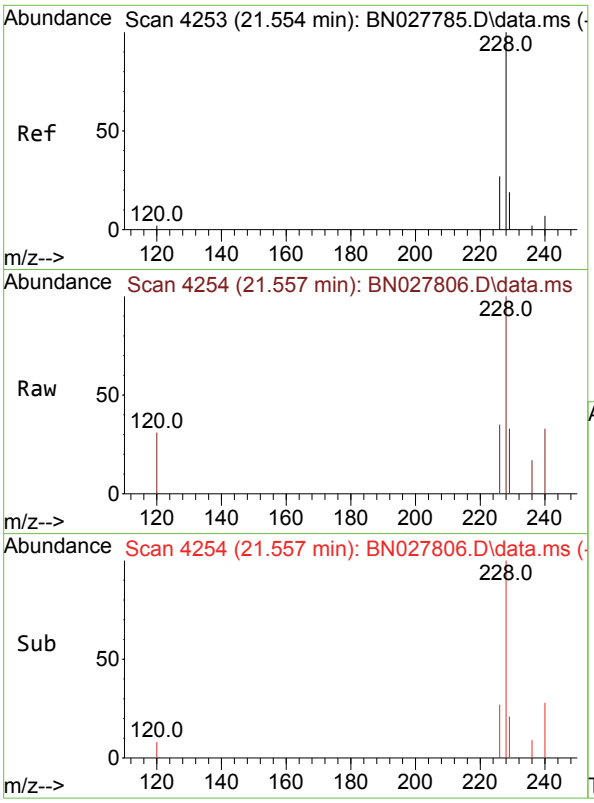


#20
Pyrene
Concen: 0.326 ng/ul
RT: 19.813 min Scan# 3745
Delta R.T. 0.000 min
Lab File: BN027806.D
Acq: 22 Sep 2023 03:21

Tgt Ion:202 Resp: 37422

Ion	Ratio	Lower	Upper
202	100		
101	14.5	11.4	17.0
100	11.4	9.1	13.7



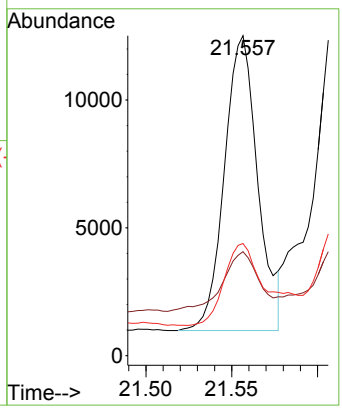


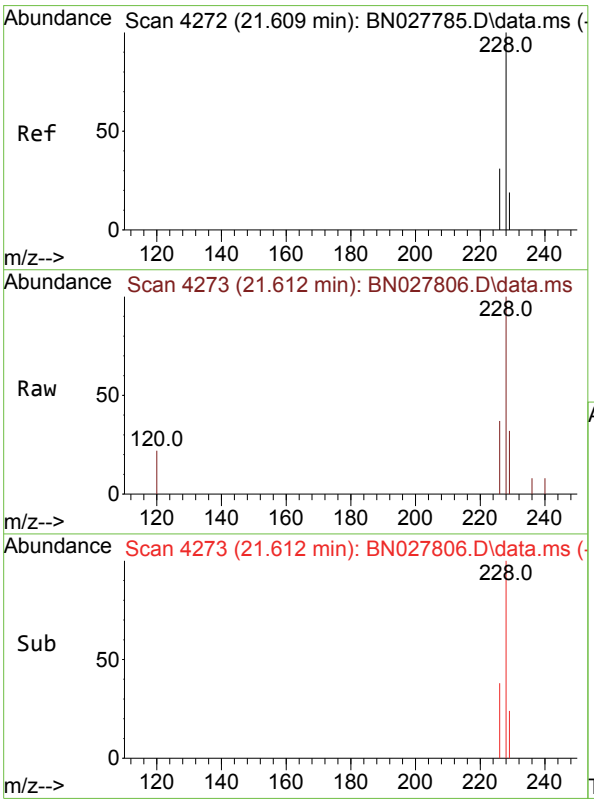
#21
Benzo(a)anthracene
Concen: 0.146 ng/ul
RT: 21.557 min Scan# 4
Delta R.T. 0.003 min
Lab File: BN027806.D
Acq: 22 Sep 2023 03:21

Instrument :
BNA_N
ClientSampleId :
C0AC3

Tgt Ion:228 Resp: 15583

Ion	Ratio	Lower	Upper
228	100		
229	32.5	15.8	23.8#
226	35.0	22.0	33.0#

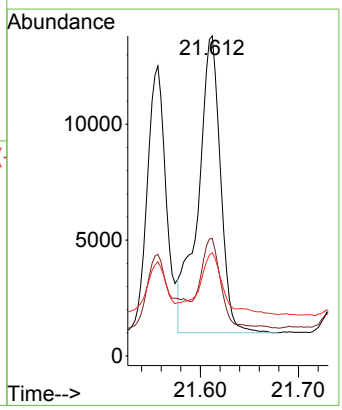


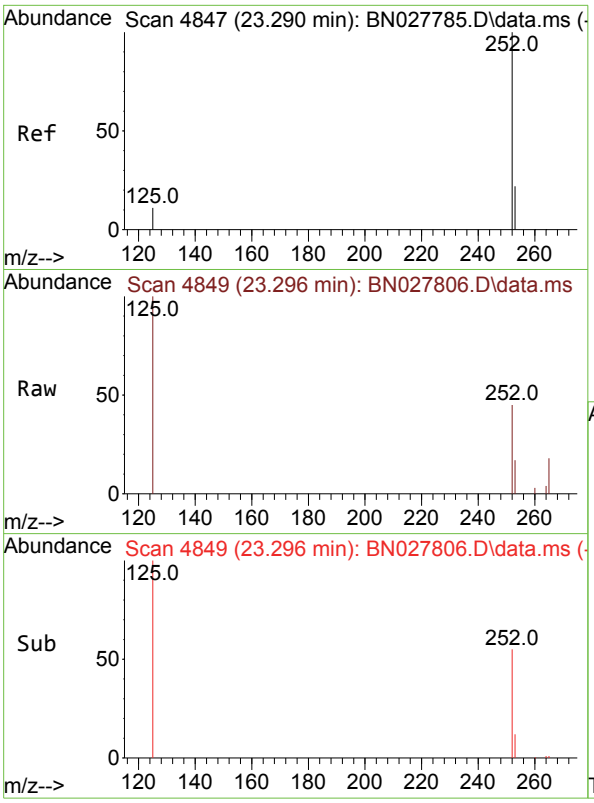


#22
Chrysene
Concen: 0.184 ng/ul
RT: 21.612 min Scan# 4273
Delta R.T. 0.003 min
Lab File: BN027806.D
Acq: 22 Sep 2023 03:21

Tgt Ion:228 Resp: 20341

Ion	Ratio	Lower	Upper
228	100		
226	36.8	24.5	36.7#
229	32.2	16.0	24.0#



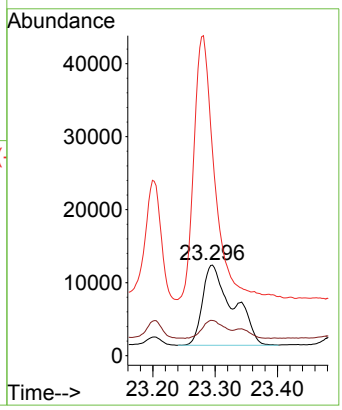


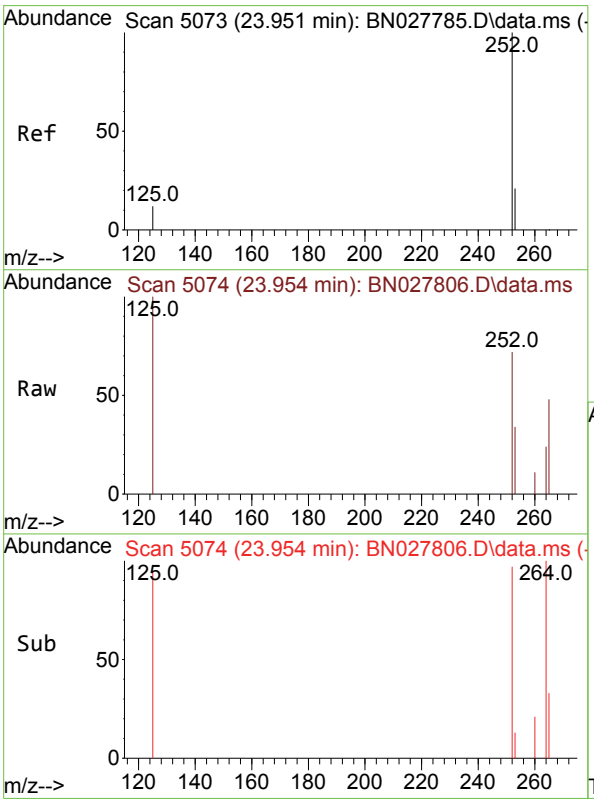
#24
Benzo(b)fluoranthene
Concen: 0.341 ng/ul
RT: 23.296 min Scan# 4
Delta R.T. 0.006 min
Lab File: BN027806.D
Acq: 22 Sep 2023 03:21

Instrument :
BNA_N
ClientSampleId :
C0AC3

Tgt Ion:252 Resp: 37065

Ion	Ratio	Lower	Upper
252	100		
253	38.8	0.0	50.2
125	224.0	0.0	31.4#

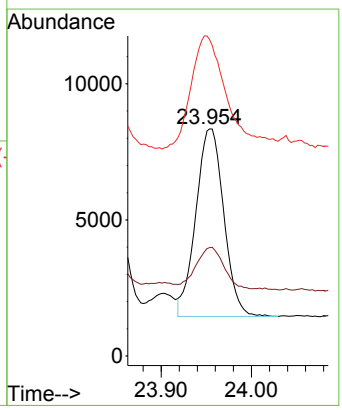


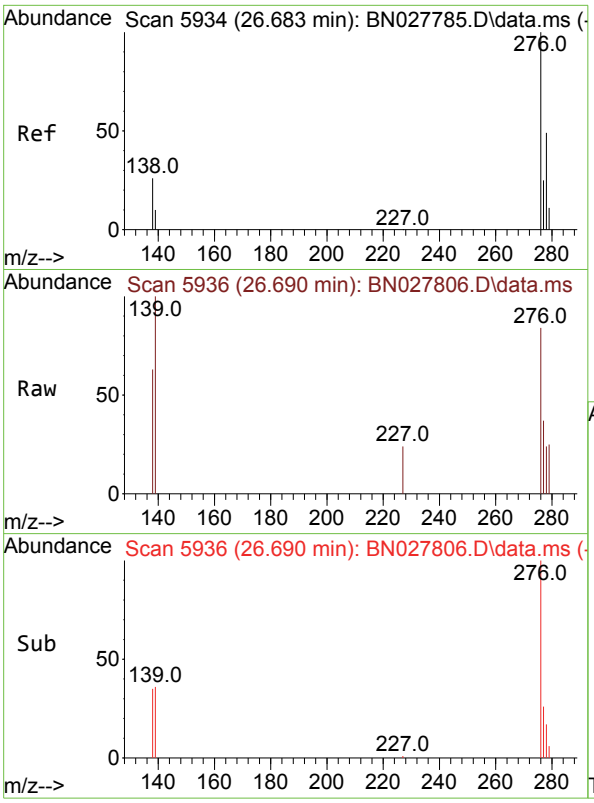


#26
Benzo(a)pyrene
Concen: 0.170 ng/ul
RT: 23.954 min Scan# 5074
Delta R.T. 0.003 min
Lab File: BN027806.D
Acq: 22 Sep 2023 03:21

Tgt Ion:252 Resp: 14843

Ion	Ratio	Lower	Upper
252	100		
253	47.7	21.9	32.9#
125	139.4	15.5	23.3#



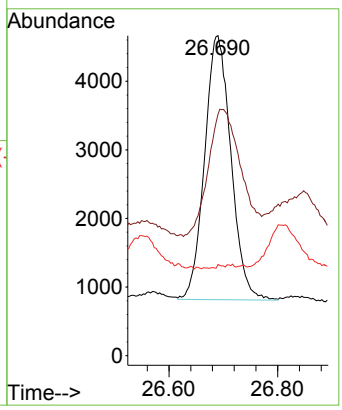


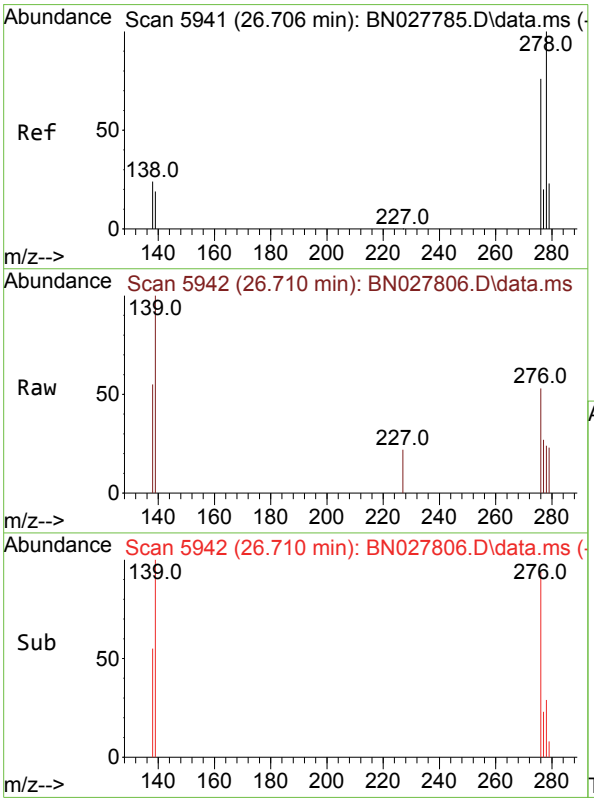
#27
Indeno(1,2,3-cd)pyrene
Concen: 0.115 ng/ul
RT: 26.690 min Scan# 5
Delta R.T. 0.007 min
Lab File: BN027806.D
Acq: 22 Sep 2023 03:21

Instrument :
BNA_N
ClientSampleId :
C0AC3

Tgt Ion:276 Resp: 12941

Ion	Ratio	Lower	Upper
276	100		
138	62.7	24.3	36.5#
227	0.0	0.0	0.0

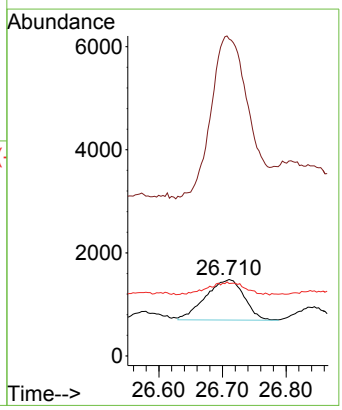


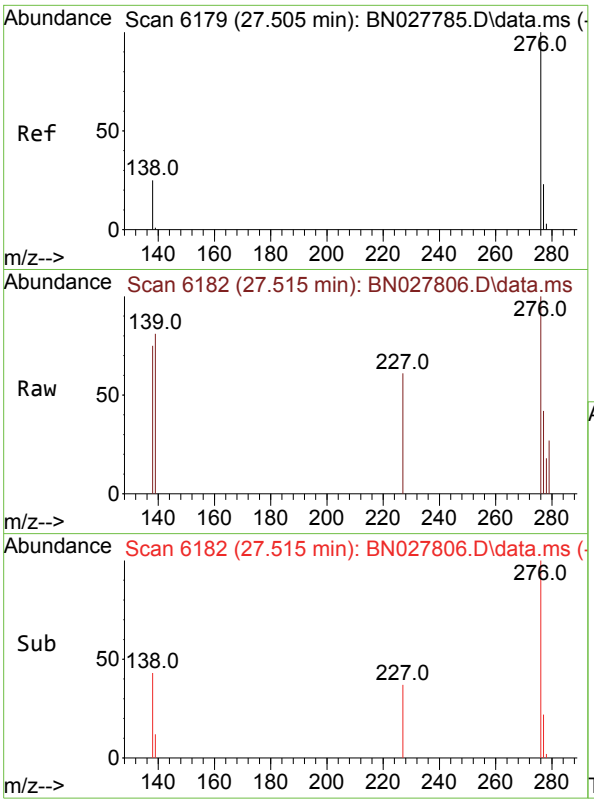


#28
Dibenzo(a,h)anthracene
Concen: 0.037 ng/ul
RT: 26.710 min Scan# 5942
Delta R.T. 0.004 min
Lab File: BN027806.D
Acq: 22 Sep 2023 03:21

Tgt Ion:278 Resp: 3315

Ion	Ratio	Lower	Upper
278	100		
139	414.7	17.2	25.8#
279	94.8	21.4	32.0#





#29
Benzo(g,h,i)perylene
Concen: 0.143 ng/ul
RT: 27.515 min Scan# 6
Delta R.T. 0.011 min
Lab File: BN027806.D
Acq: 22 Sep 2023 03:21

Instrument :
BNA_N
ClientSampleId :
C0AC3

Tgt Ion:276 Resp: 13616

Ion	Ratio	Lower	Upper
276	100		
138	74.7	21.7	32.5#
277	42.3	20.2	30.2#