Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092223\
Data File : BN027836.D
Acq On : 22 Sep 2023 22:08
Operator : MA/JU
Sample : 04387-10
Misc :
ALS Vial : 55 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AB6

Quant Time: Sep 23 03:49:52 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	5822	0.400	ng/ul	0.00
4) Naphthalene-d8	10.822	136	20061	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.638	164	12377	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.392	188	28187	0.400	ng/ul	0.00
17) Chrysene-d12	21.574	240	22473	0.400	ng/ul	0.00
23) Perylene-d12	24.070	264	20058	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.380	96	30779	4.197	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.401	152	11532	0.379	ng/ul	0.00
18) Fluoranthene-d10	19.413	212	28555	0.416	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.405	88	197	0.026	ng/ul#	1
5) Naphthalene	10.872	128	4196	0.073	ng/ul#	92
7) 2-Methylnaphthalene	12.472	142	3879	0.107	ng/ul	99
8) 1-Methylnaphthalene	12.692	142	3224	0.086	ng/ul	100
10) Acenaphthylene	14.369	152	3125	0.058	ng/ul#	88
11) Acenaphthene	14.702	153	1146	0.025	ng/ul#	67
12) Fluorene	15.688	166	1435	0.026	ng/ul#	94
15) Phenanthrene	17.434	178	32908	0.372	ng/ul	98
16) Anthracene	17.527	178	3499	0.047	ng/ul#	88
19) Fluoranthene	19.445	202	83825	0.922	ng/ul	99
20) Pyrene	19.812	202	71133	0.760	ng/ul	98
21) Benzo(a)anthracene	21.556	228	29855	0.343	ng/ul	97
22) Chrysene	21.612	228	39540	0.440	ng/ul	97
24) Benzo(b)fluoranthene	23.295	252	71304	0.798	ng/ul#	1
26) Benzo(a)pyrene	23.956	252	28955	0.403	ng/ul#	68
27) Indeno(1,2,3-cd)pyrene	26.693	276	24570	0.267	ng/ul#	58
28) Dibenzo(a,h)anthracene	26.713	278	5757	0.078	ng/ul#	1
29) Benzo(g,h,i)perylene	27.514	276	24570	0.314	ng/ul#	79

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092223\
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BNA_N
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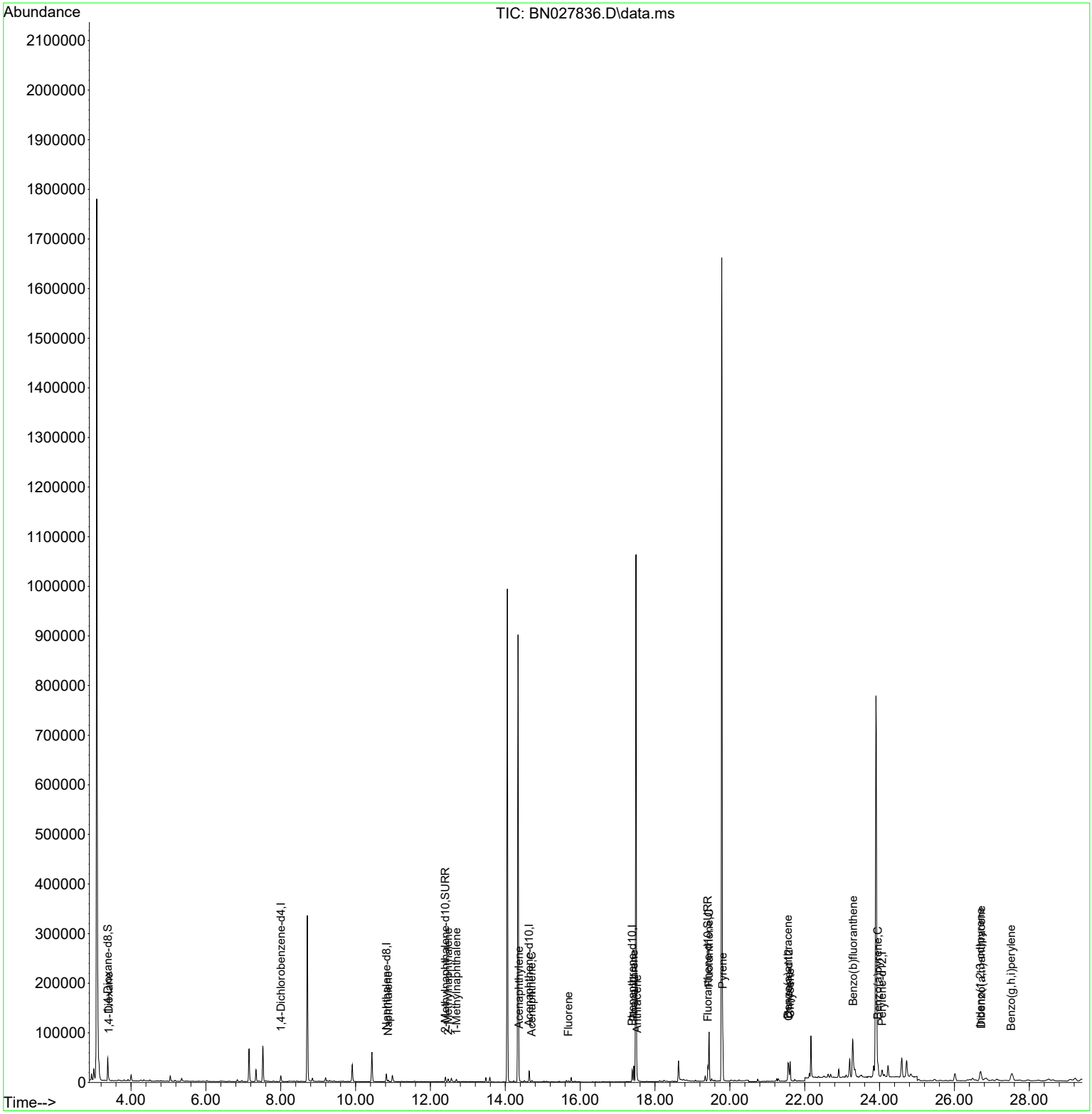
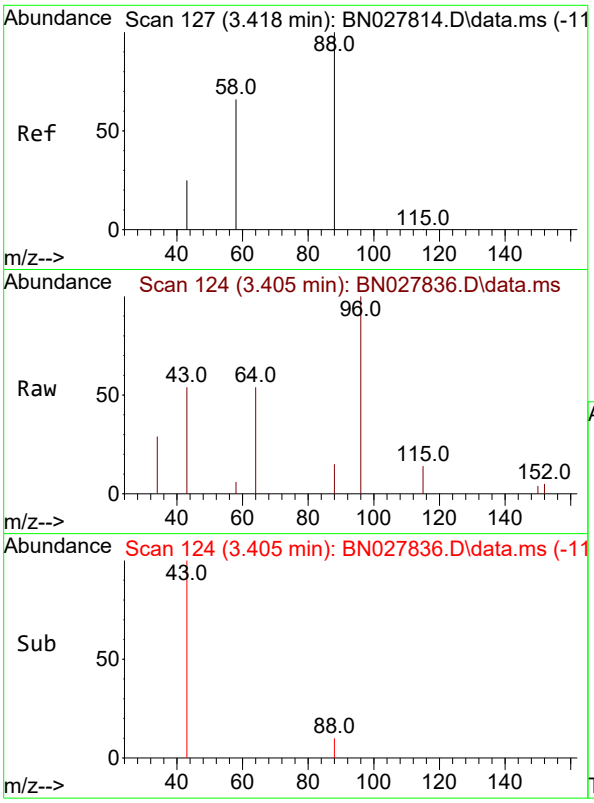
Quant Time: Sep 23 03:49:52 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN091523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 22 03:58:00 2023
Response via : Initial Calibration



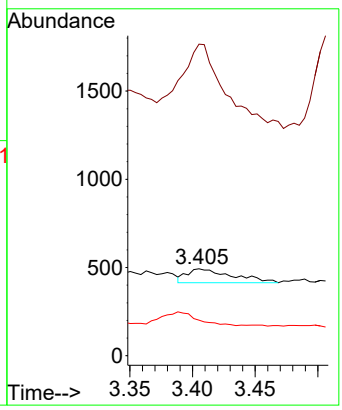


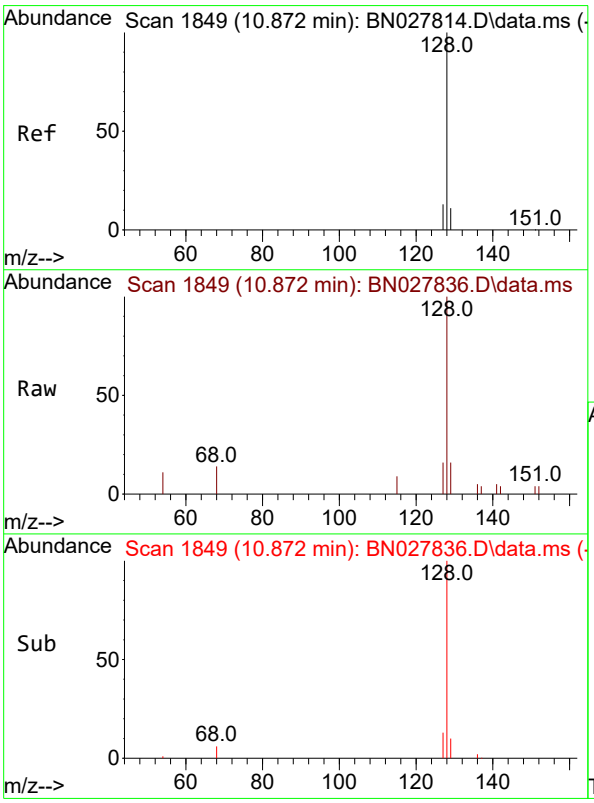
#2
1,4-Dioxane
Concen: 0.026 ng/ul
RT: 3.405 min Scan# 1
Delta R.T. -0.017 min
Lab File: BN027836.D
Acq: 22 Sep 2023 22:08

Instrument :
BNA_N
ClientSampleId :
C0AB6

Tgt Ion: 88 Resp: 197

Ion	Ratio	Lower	Upper
88	100		
43	358.2	39.6	59.4#
58	41.0	48.3	72.5#

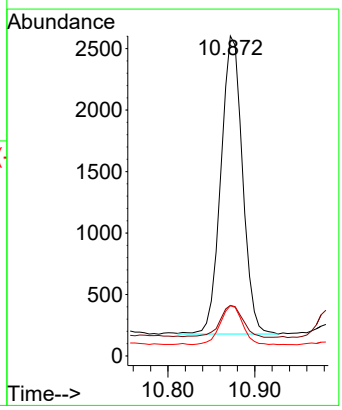


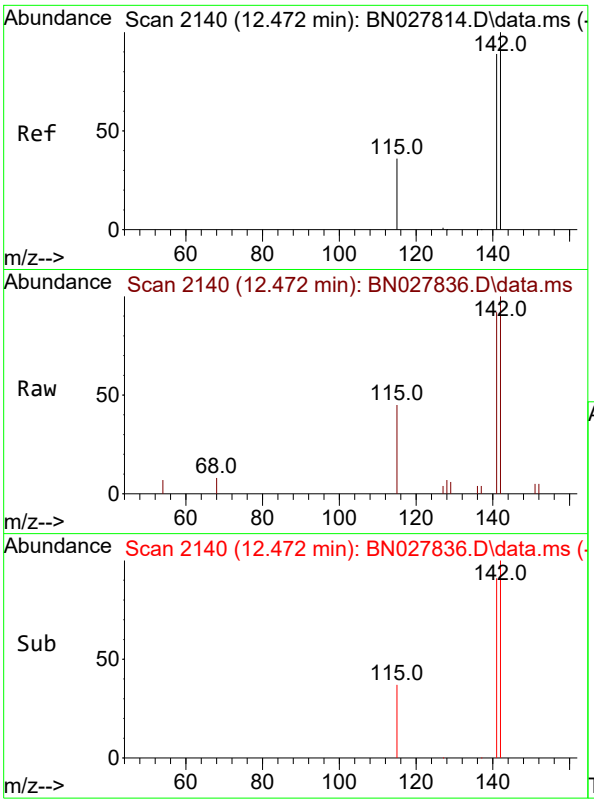


#5
Naphthalene
Concen: 0.073 ng/ul
RT: 10.872 min Scan# 1849
Delta R.T. -0.006 min
Lab File: BN027836.D
Acq: 22 Sep 2023 22:08

Tgt Ion:128 Resp: 4196

Ion	Ratio	Lower	Upper
128	100		
129	15.8	9.3	13.9#
127	15.7	10.7	16.1



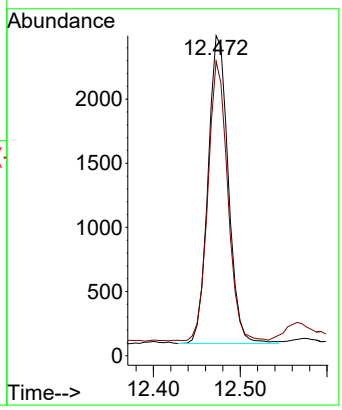


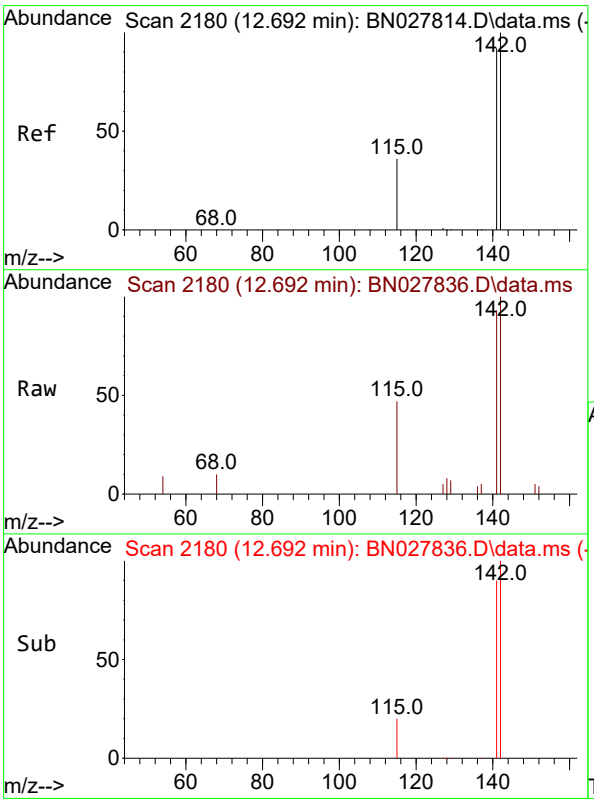
#7
2-Methylnaphthalene
Concen: 0.107 ng/ul
RT: 12.472 min Scan# 21
Delta R.T. -0.006 min
Lab File: BN027836.D
Acq: 22 Sep 2023 22:08

Instrument :
BNA_N
ClientSampleId :
C0AB6

Tgt Ion:142 Resp: 3879

Ion	Ratio	Lower	Upper
142	100		
141	88.4	71.1	106.7

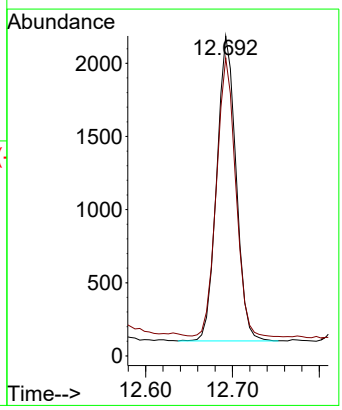


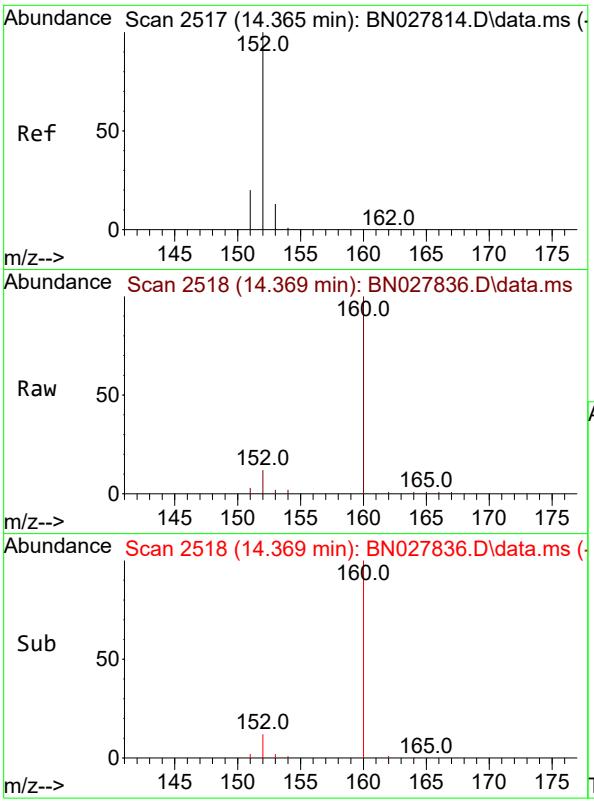


#8
1-Methylnaphthalene
Concen: 0.086 ng/ul
RT: 12.692 min Scan# 2180
Delta R.T. -0.006 min
Lab File: BN027836.D
Acq: 22 Sep 2023 22:08

Tgt Ion:142 Resp: 3224

Ion	Ratio	Lower	Upper
142	100		
141	91.2	72.8	109.2



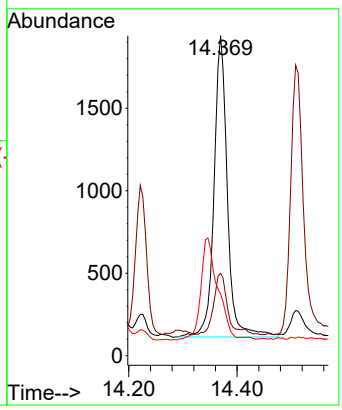


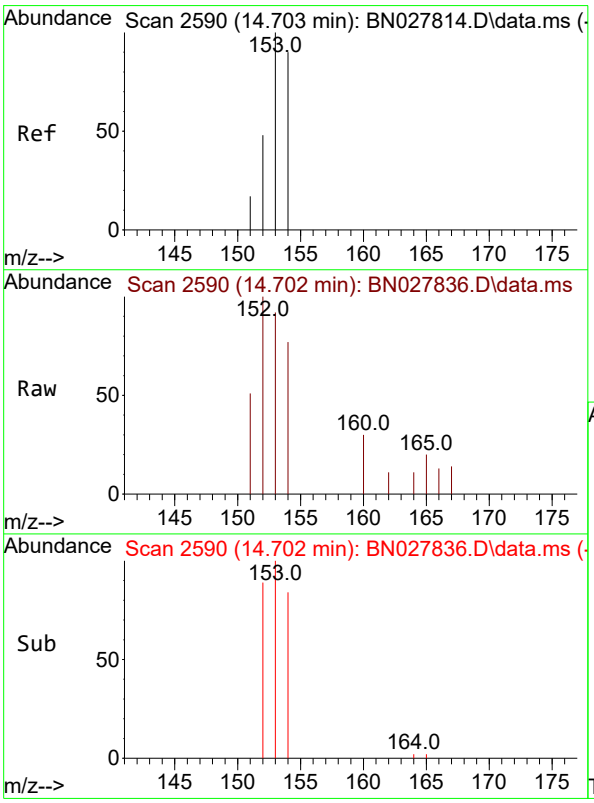
#10
Acenaphthylene
Concen: 0.058 ng/ul
RT: 14.369 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN027836.D
Acq: 22 Sep 2023 22:08

Instrument :
BNA_N
ClientSampleId :
C0AB6

Tgt Ion:152 Resp: 3125

Ion	Ratio	Lower	Upper
152	100		
151	25.8	16.6	25.0#
153	19.3	11.0	16.6#

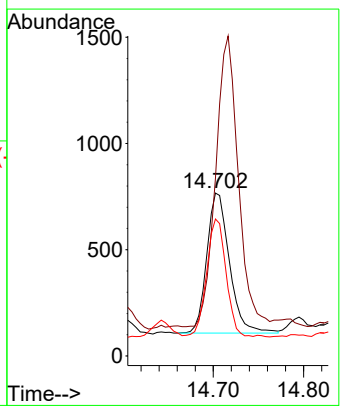


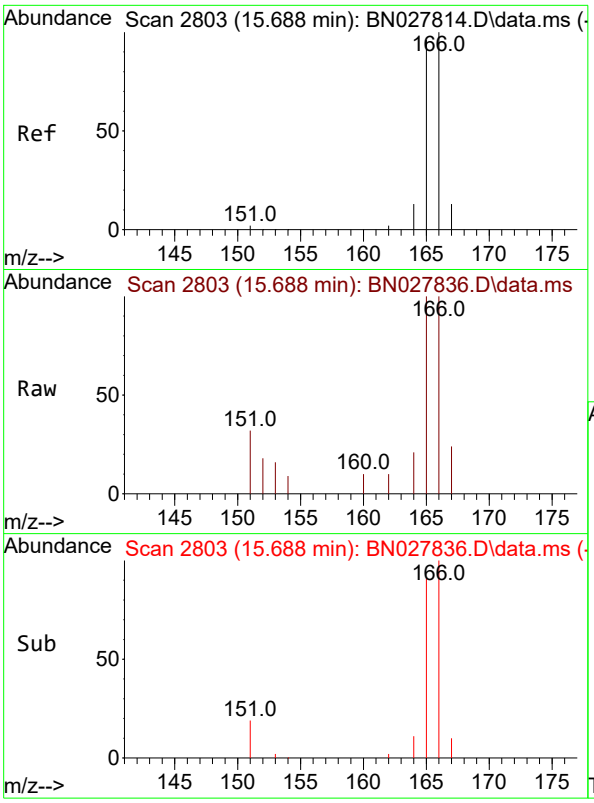


#11
Acenaphthene
Concen: 0.025 ng/ul
RT: 14.702 min Scan# 2590
Delta R.T. -0.000 min
Lab File: BN027836.D
Acq: 22 Sep 2023 22:08

Tgt Ion:153 Resp: 1146

Ion	Ratio	Lower	Upper
153	100		
152	109.3	41.7	62.5#
154	84.1	70.3	105.5



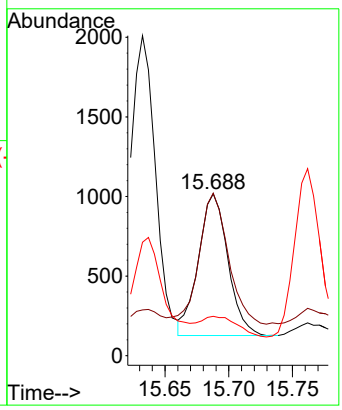


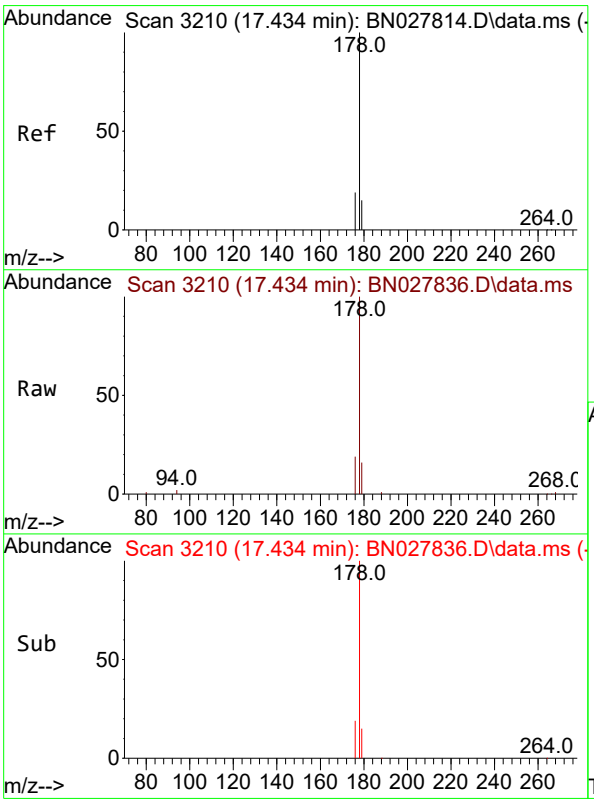
#12
Fluorene
Concen: 0.026 ng/ul
RT: 15.688 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN027836.D
Acq: 22 Sep 2023 22:08

Instrument :
BNA_N
ClientSampleId :
C0AB6

Tgt Ion:166 Resp: 1435

Ion	Ratio	Lower	Upper
166	100		
165	100.5	78.0	117.0
167	24.4	11.4	17.2#

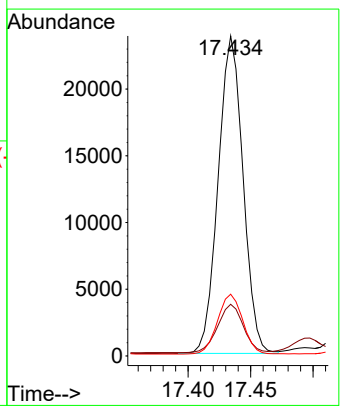


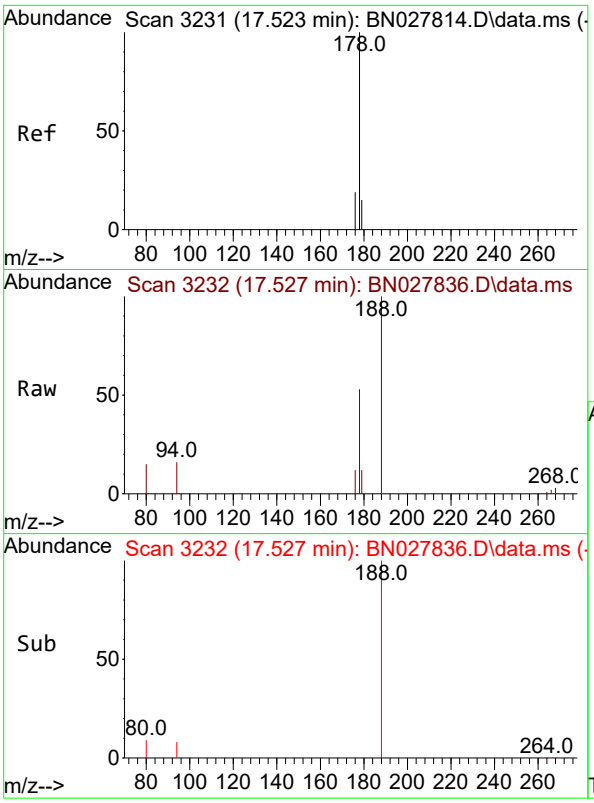


#15
Phenanthrene
Concen: 0.372 ng/ul
RT: 17.434 min Scan# 3210
Delta R.T. -0.000 min
Lab File: BN027836.D
Acq: 22 Sep 2023 22:08

Tgt Ion:178 Resp: 32908

Ion	Ratio	Lower	Upper
178	100		
179	16.2	12.4	18.6
176	19.3	16.0	24.0



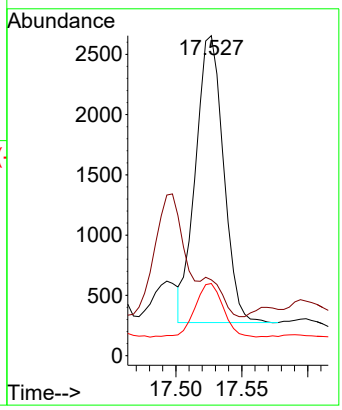


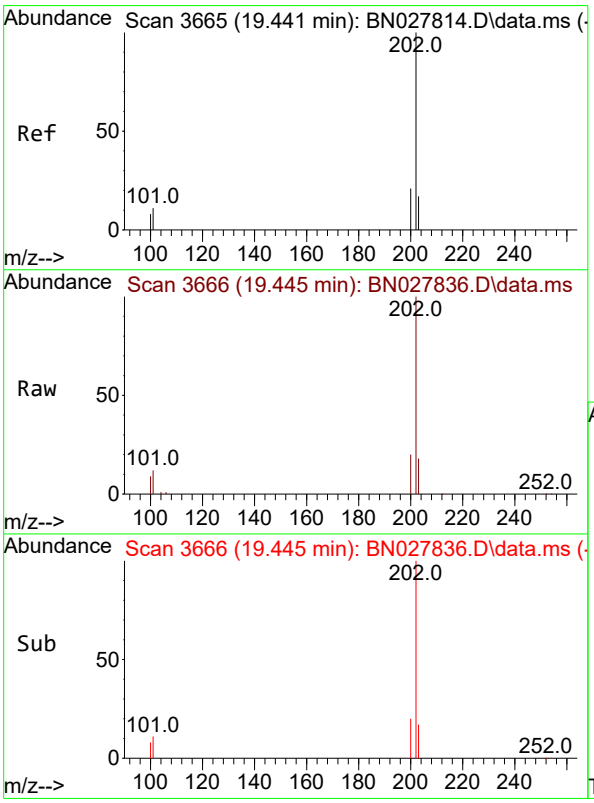
#16
Anthracene
Concen: 0.047 ng/ul
RT: 17.527 min Scan# 3
Delta R.T. -0.000 min
Lab File: BN027836.D
Acq: 22 Sep 2023 22:08

Instrument :
BNA_N
ClientSampleId :
C0AB6

Tgt Ion:178 Resp: 3499

Ion	Ratio	Lower	Upper
178	100		
179	23.7	12.6	19.0#
176	22.6	15.5	23.3

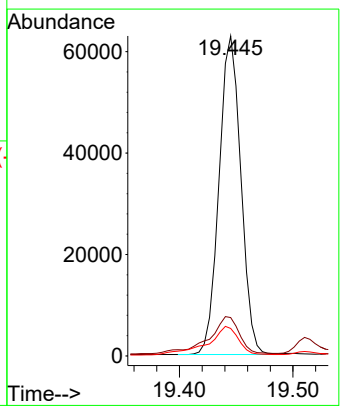


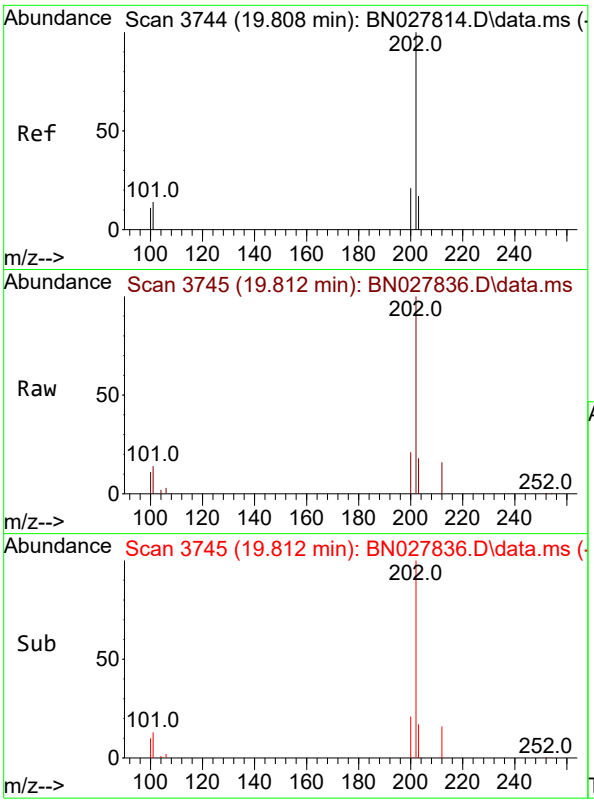


#19
Fluoranthene
Concen: 0.922 ng/ul
RT: 19.445 min Scan# 3666
Delta R.T. -0.000 min
Lab File: BN027836.D
Acq: 22 Sep 2023 22:08

Tgt Ion:202 Resp: 83825

Ion	Ratio	Lower	Upper
202	100		
101	12.0	9.3	13.9
100	8.6	7.0	10.4



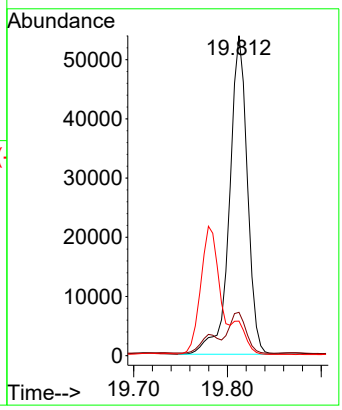


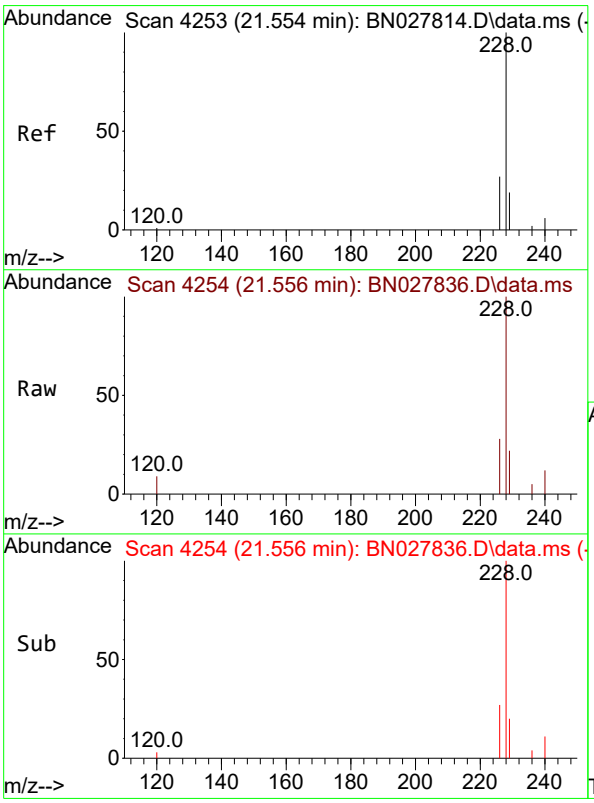
#20
Pyrene
Concen: 0.760 ng/ul
RT: 19.812 min Scan# 3
Delta R.T. -0.000 min
Lab File: BN027836.D
Acq: 22 Sep 2023 22:08

Instrument :
BNA_N
ClientSampleId :
C0AB6

Tgt Ion:202 Resp: 71133

Ion	Ratio	Lower	Upper
202	100		
101	13.6	11.4	17.0
100	10.8	9.1	13.7

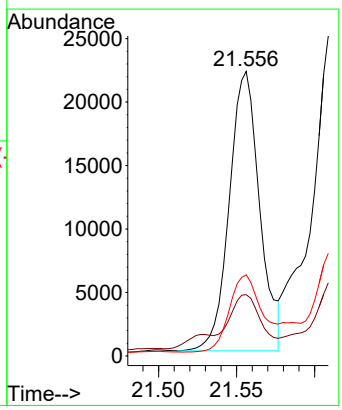


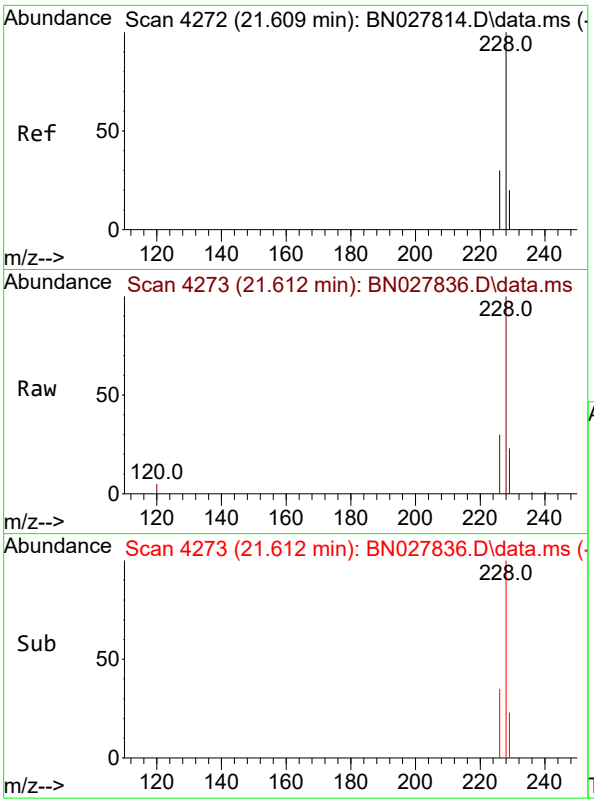


#21
Benzo(a)anthracene
Concen: 0.343 ng/ul
RT: 21.556 min Scan# 4254
Delta R.T. 0.003 min
Lab File: BN027836.D
Acq: 22 Sep 2023 22:08

Tgt Ion:228 Resp: 29855

Ion	Ratio	Lower	Upper
228	100		
229	21.5	15.8	23.8
226	28.5	22.0	33.0



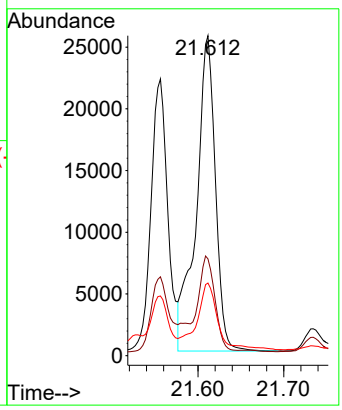


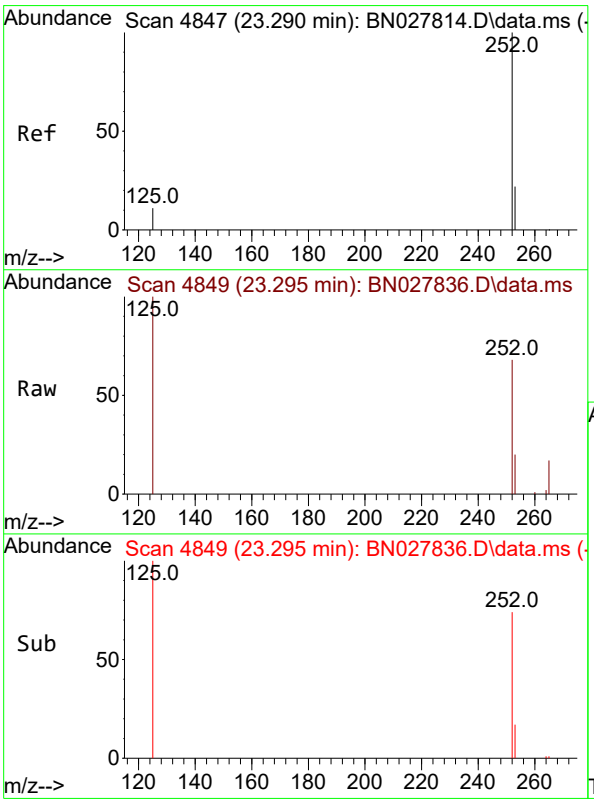
#22
Chrysene
Concen: 0.440 ng/ul
RT: 21.612 min Scan# 4
Delta R.T. 0.003 min
Lab File: BN027836.D
Acq: 22 Sep 2023 22:08

Instrument :
BNA_N
ClientSampleId :
C0AB6

Tgt Ion:228 Resp: 39540

Ion	Ratio	Lower	Upper
228	100		
226	30.2	24.5	36.7
229	22.7	16.0	24.0

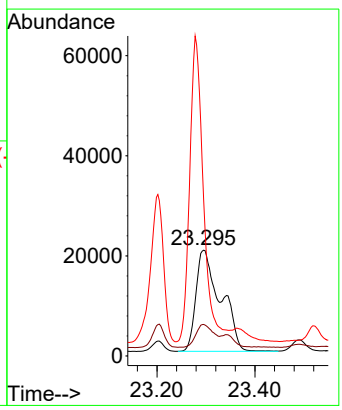


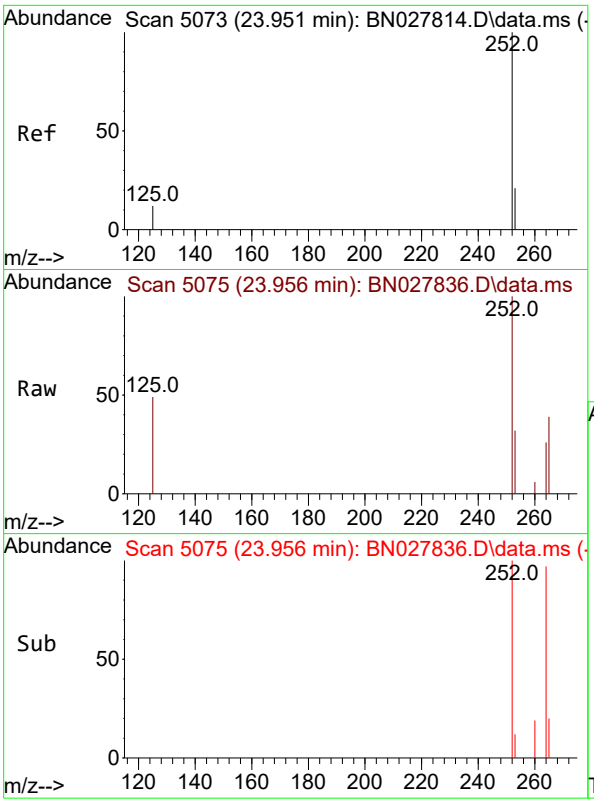


#24
Benzo(b)fluoranthene
Concen: 0.798 ng/ul
RT: 23.295 min Scan# 4849
Delta R.T. 0.006 min
Lab File: BN027836.D
Acq: 22 Sep 2023 22:08

Tgt Ion:252 Resp: 71304

Ion	Ratio	Lower	Upper
252	100		
253	29.8	0.0	50.2
125	147.8	0.0	31.4#



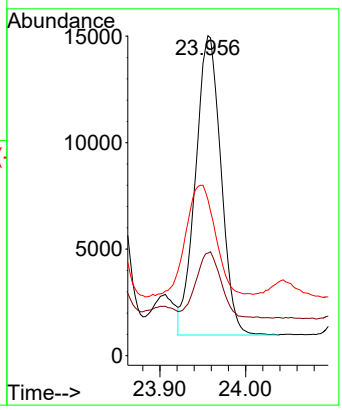


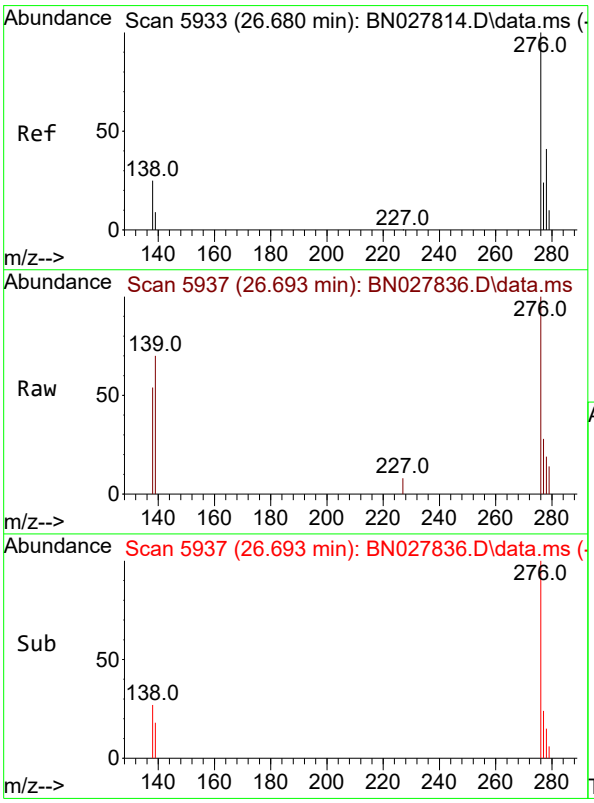
#26
Benzo(a)pyrene
Concen: 0.403 ng/ul
RT: 23.956 min Scan# 5
Delta R.T. 0.006 min
Lab File: BN027836.D
Acq: 22 Sep 2023 22:08

Instrument :
BNA_N
ClientSampleId :
C0AB6

Tgt Ion:252 Resp: 28955

Ion	Ratio	Lower	Upper
252	100		
253	32.1	21.9	32.9
125	48.8	15.5	23.3#

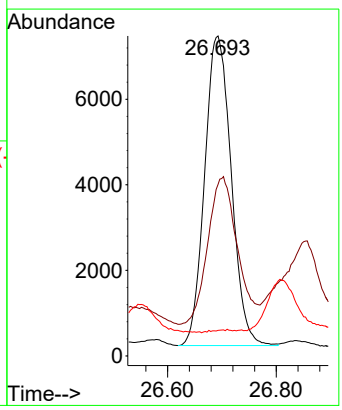


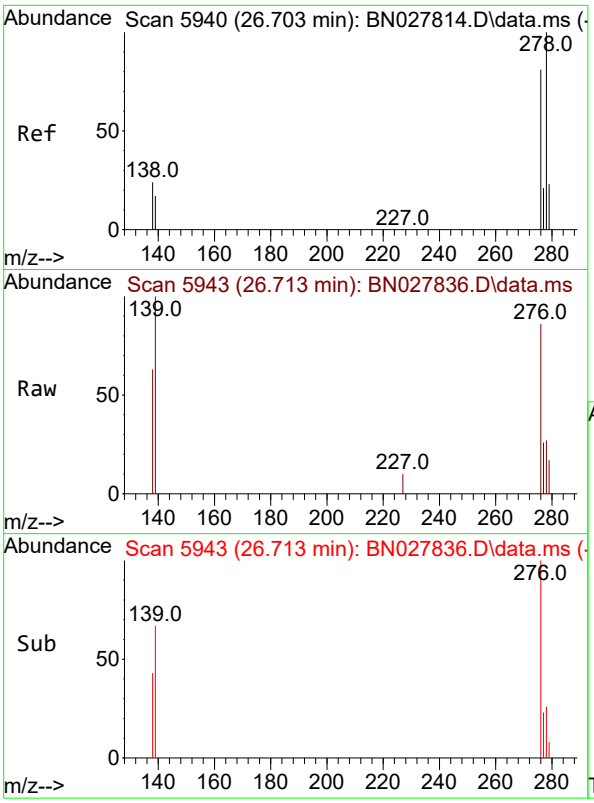


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.267 ng/ul
RT: 26.693 min Scan# 5937
Delta R.T. 0.010 min
Lab File: BN027836.D
Acq: 22 Sep 2023 22:08

Tgt Ion:276 Resp: 24570

Ion	Ratio	Lower	Upper
276	100		
138	53.0	24.3	36.5#
227	0.0	0.0	0.0



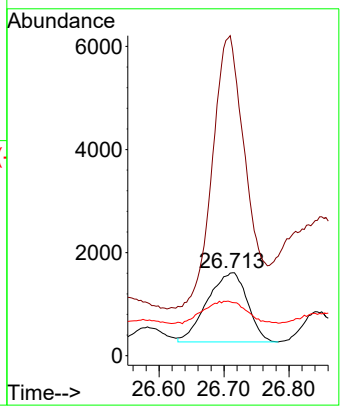


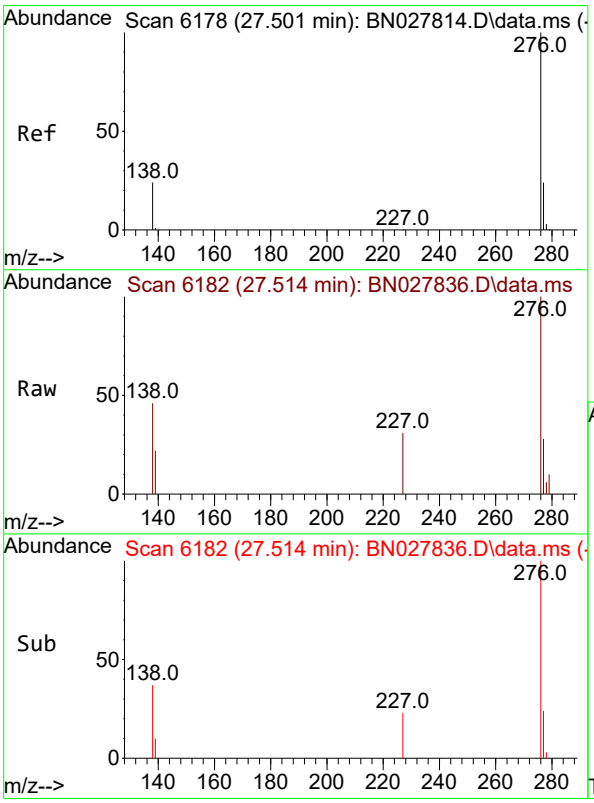
#28
Dibenzo(a,h)anthracene
Concen: 0.078 ng/ul
RT: 26.713 min Scan# 5
Delta R.T. 0.006 min
Lab File: BN027836.D
Acq: 22 Sep 2023 22:08

Instrument :
BNA_N
ClientSampleId :
C0AB6

Tgt Ion:278 Resp: 5757

Ion	Ratio	Lower	Upper
278	100		
139	370.8	17.2	25.8#
279	64.2	21.4	32.0#





#29
Benzo(g,h,i)perylene
Concen: 0.314 ng/ul
RT: 27.514 min Scan# 6182
Delta R.T. 0.010 min
Lab File: BN027836.D
Acq: 22 Sep 2023 22:08

Tgt Ion:276 Resp: 24570

Ion	Ratio	Lower	Upper
276	100		
138	45.6	21.7	32.5#
277	28.2	20.2	30.2