Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN033023\
Data File : BN024643.D
Acq On : 30 Mar 2023 15:17
Operator : CG/JU
Sample : SSTD0.885
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTD0.8247

Quant Time: Mar 30 16:18:45 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN033023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 30 15:33:41 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.004	152	9646	0.400	ng/ul	0.00
4) Naphthalene-d8	10.817	136	28225	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.638	164	15731	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.384	188	33346	0.400	ng/ul	0.00
17) Chrysene-d12	21.574	240	28540	0.400	ng/ul	0.00
23) Perylene-d12	24.056	264	21182	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.372	96	7930	0.776	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.396	152	28026	0.803	ng/ul	0.00
18) Fluoranthene-d10	19.408	212	55884	0.795	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.410	88	8650	0.829	ng/ul	95
5) Naphthalene	10.867	128	55529	0.796	ng/ul	99
7) 2-Methylnaphthalene	12.473	142	34754	0.804	ng/ul	100
8) 1-Methylnaphthalene	12.693	142	36337	0.802	ng/ul	99
10) Acenaphthylene	14.360	152	44210	0.803	ng/ul	100
11) Acenaphthene	14.703	153	38882	0.805	ng/ul	100
12) Fluorene	15.684	166	44367	0.809	ng/ul	99
14) Pentachlorophenol	17.033	266	5424	0.868	ng/ul	99
15) Phenanthrene	17.426	178	72811	0.792	ng/ul	100
16) Anthracene	17.519	178	61382	0.822	ng/ul	99
19) Fluoranthene	19.441	202	80503	0.797	ng/ul	100
20) Pyrene	19.803	202	80088	0.772	ng/ul	100
21) Benzo(a)anthracene	21.557	228	68456	0.800	ng/ul	99
22) Chrysene	21.612	228	74191	0.772	ng/ul	100
24) Benzo(b)fluoranthene	23.293	252	70651	0.811	ng/ul	96
25) Benzo(k)fluoranthene	23.345	252	69820	0.845	ng/ul	95
26) Benzo(a)pyrene	23.948	252	54067	0.783	ng/ul	95
27) Indeno(1,2,3-cd)pyrene	26.650	276	65895	0.806	ng/ul#	99
28) Dibenzo(a,h)anthracene	26.670	278	53210	0.819	ng/ul	97
29) Benzo(g,h,i)perylene	27.451	276	56368	0.794	ng/ul	99

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN033023\
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 30 15:33:41 2023
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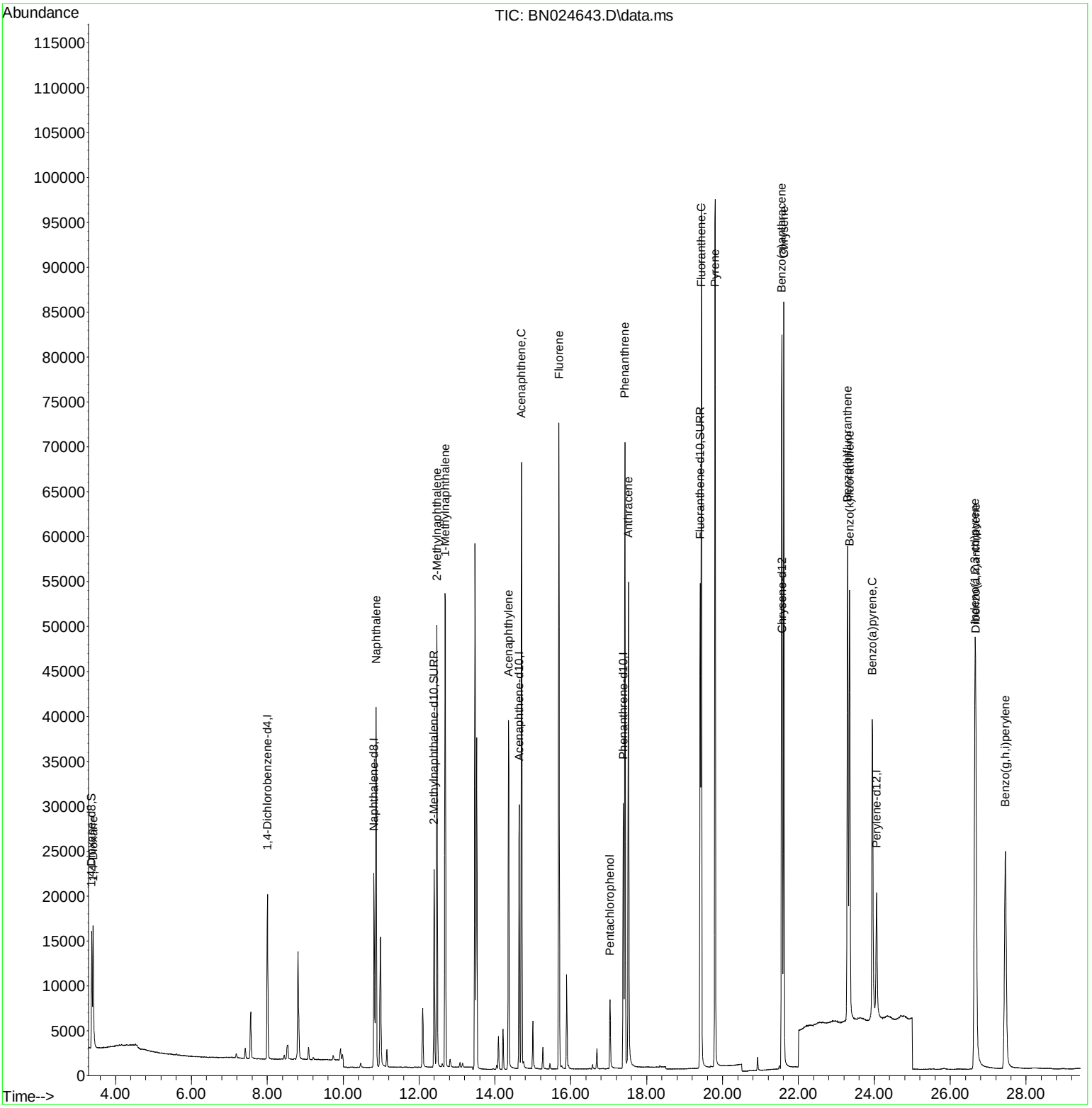
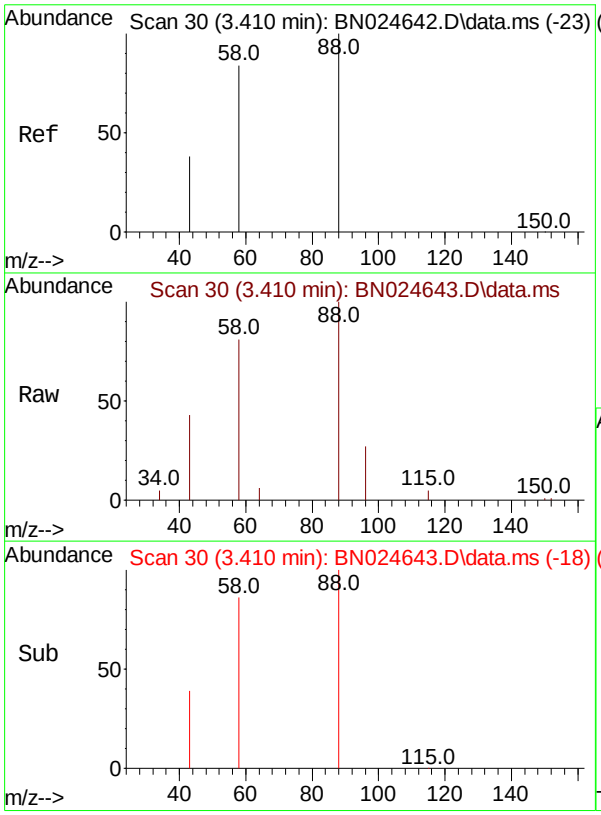


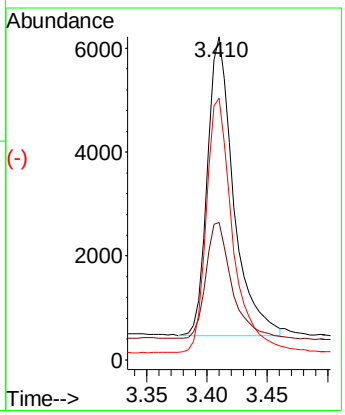


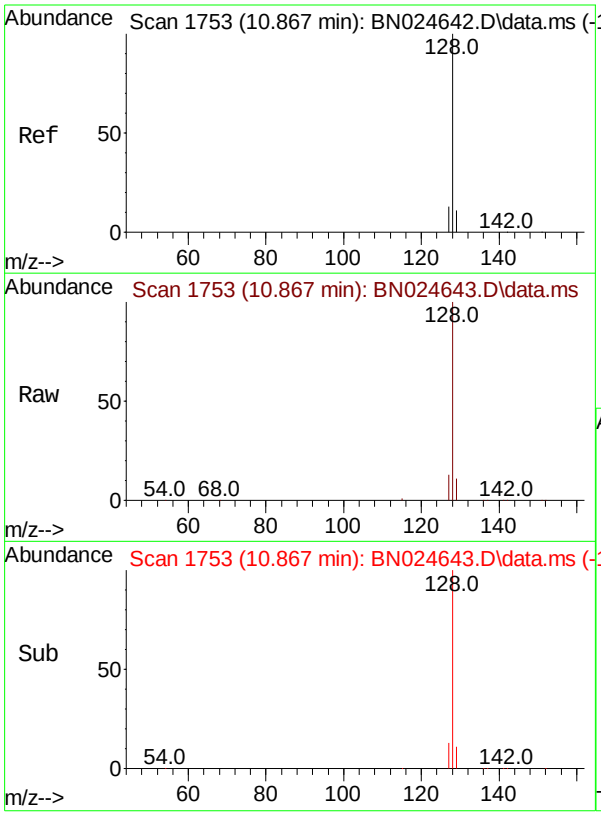
#2
1,4-Dioxane
Concen: 0.829 ng/ul
RT: 3.410 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN024643.D
Acq: 30 Mar 2023 15:17

Instrument :
BNA_N
ClientSampleId :
SSTD0.8247

Tgt Ion: 88 Resp: 8650

Ion	Ratio	Lower	Upper
88	100		
43	42.5	37.2	55.8
58	81.1	61.5	92.3

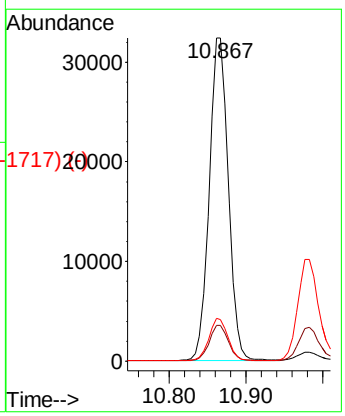


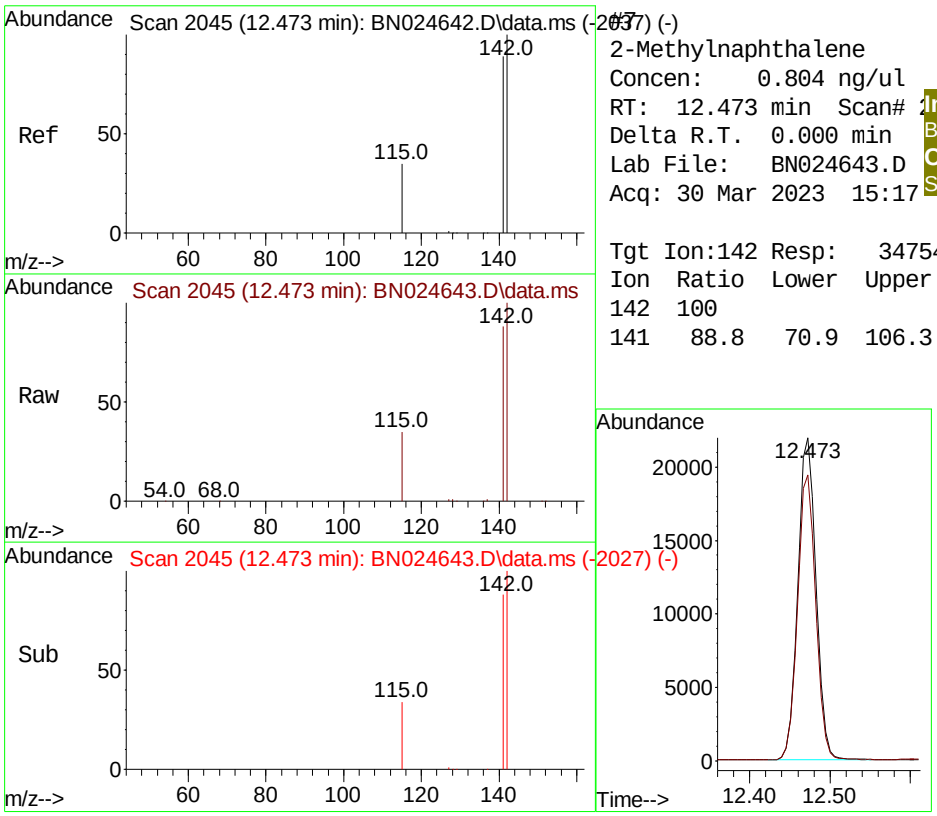


#5
Naphthalene
Concen: 0.796 ng/ul
RT: 10.867 min Scan# 1753
Delta R.T. 0.000 min
Lab File: BN024643.D
Acq: 30 Mar 2023 15:17

Tgt Ion:128 Resp: 55529

Ion	Ratio	Lower	Upper
128	100		
129	11.0	9.0	13.6
127	12.9	10.5	15.7



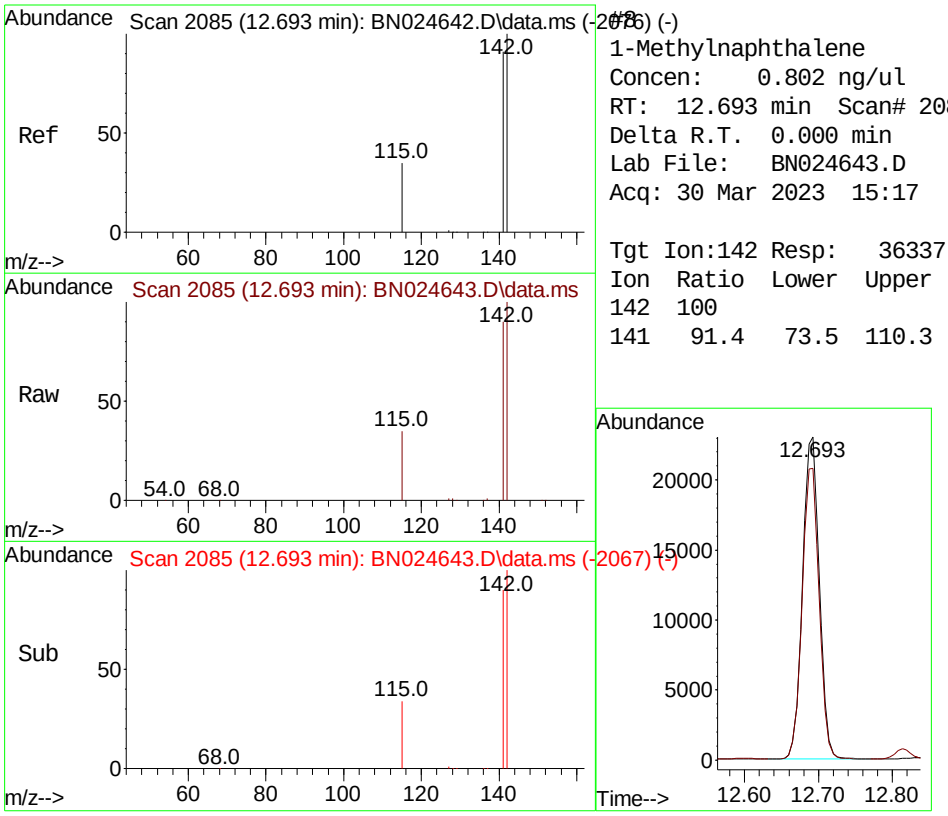


#37
2-Methylnaphthalene
Concen: 0.804 ng/ul
RT: 12.473 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN024643.D
Acq: 30 Mar 2023 15:17

Instrument :
BNA_N
ClientSampleId :
SSTD0.8247

Tgt Ion:142 Resp: 34754

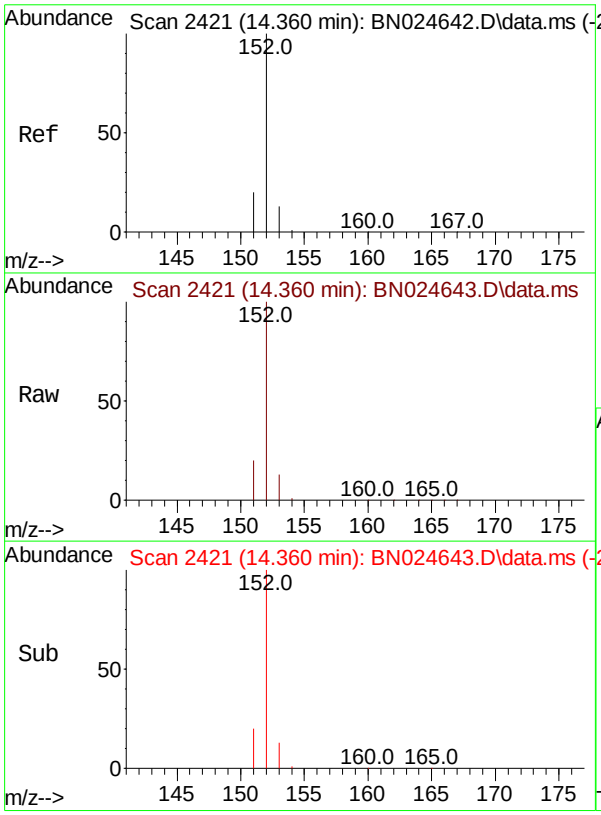
Ion	Ratio	Lower	Upper
142	100		
141	88.8	70.9	106.3



#38
1-Methylnaphthalene
Concen: 0.802 ng/ul
RT: 12.693 min Scan# 2085
Delta R.T. 0.000 min
Lab File: BN024643.D
Acq: 30 Mar 2023 15:17

Tgt Ion:142 Resp: 36337

Ion	Ratio	Lower	Upper
142	100		
141	91.4	73.5	110.3

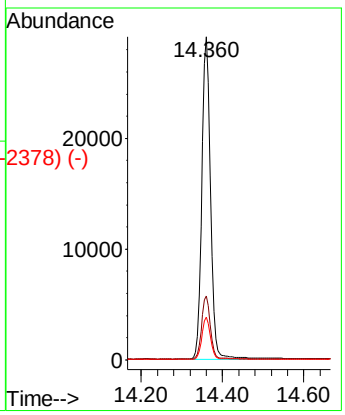


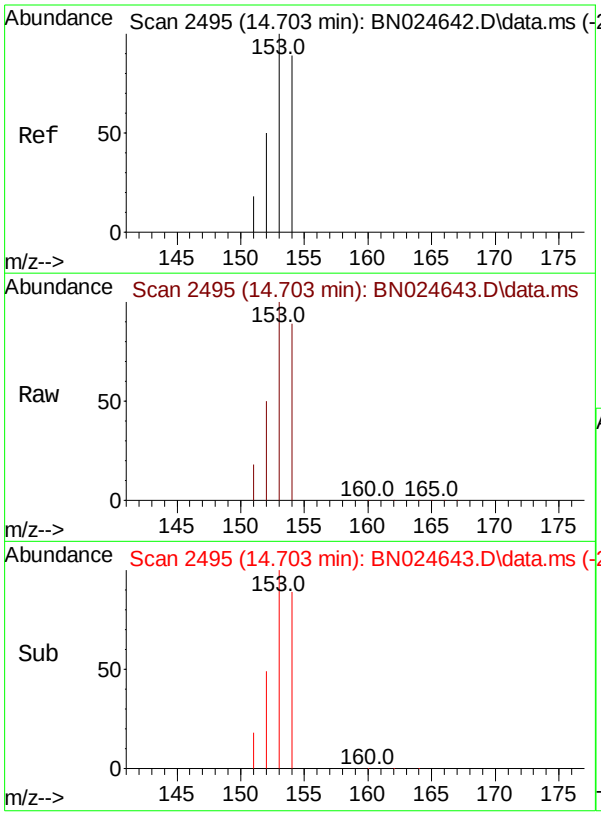
#10
Acenaphthylene
Concen: 0.803 ng/ul
RT: 14.360 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN024643.D
Acq: 30 Mar 2023 15:17

Instrument :
BNA_N
ClientSampleId :
SSTD0.8247

Tgt Ion:152 Resp: 44210

Ion	Ratio	Lower	Upper
152	100		
151	19.8	16.1	24.1
153	13.2	10.6	16.0

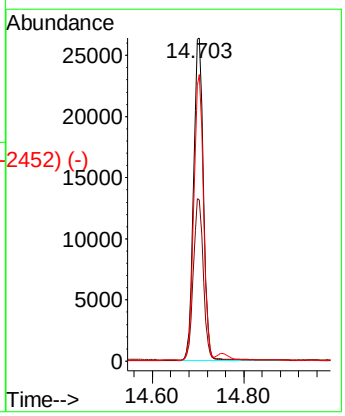


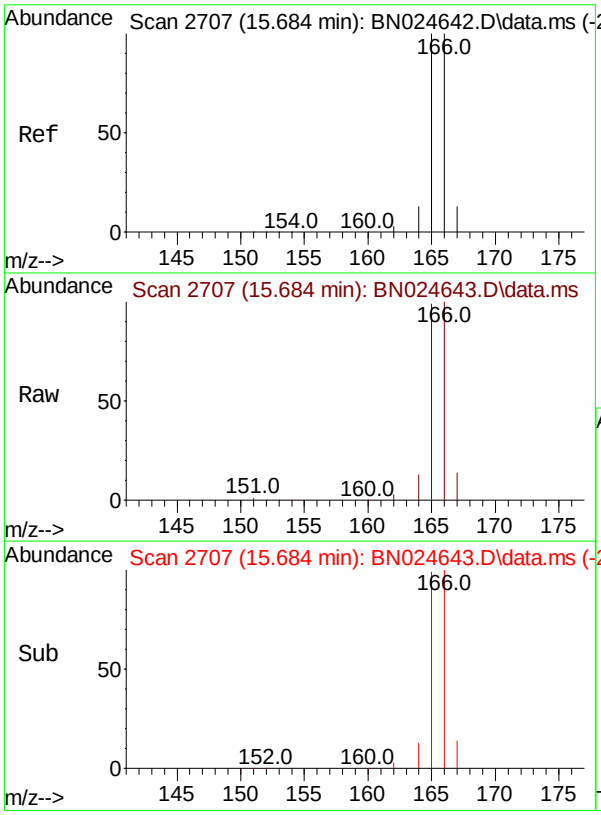


#11
Acenaphthene
Concen: 0.805 ng/ul
RT: 14.703 min Scan# 2495
Delta R.T. 0.000 min
Lab File: BN024643.D
Acq: 30 Mar 2023 15:17

Tgt Ion:153 Resp: 38882

Ion	Ratio	Lower	Upper
153	100		
152	49.8	40.3	60.5
154	88.6	71.0	106.4



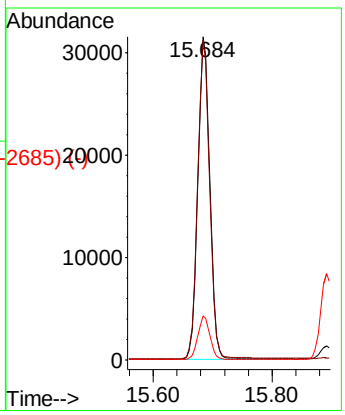


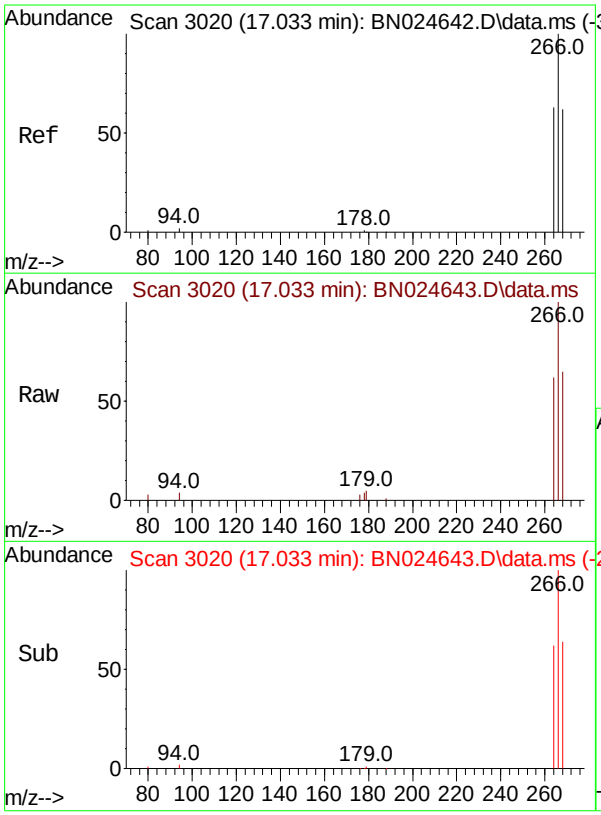
#12
Fluorene
Concen: 0.809 ng/ul
RT: 15.684 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN024643.D
Acq: 30 Mar 2023 15:17

Instrument :
BNA_N
ClientSampleId :
SSTD0.8247

Tgt Ion:166 Resp: 44367

Ion	Ratio	Lower	Upper
166	100		
165	99.1	80.0	120.0
167	13.7	10.8	16.2

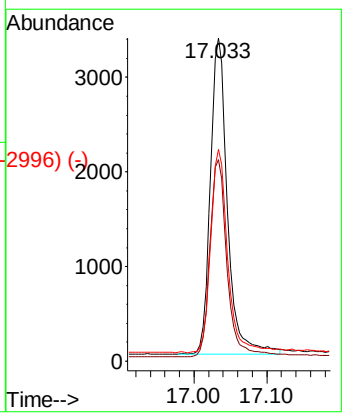


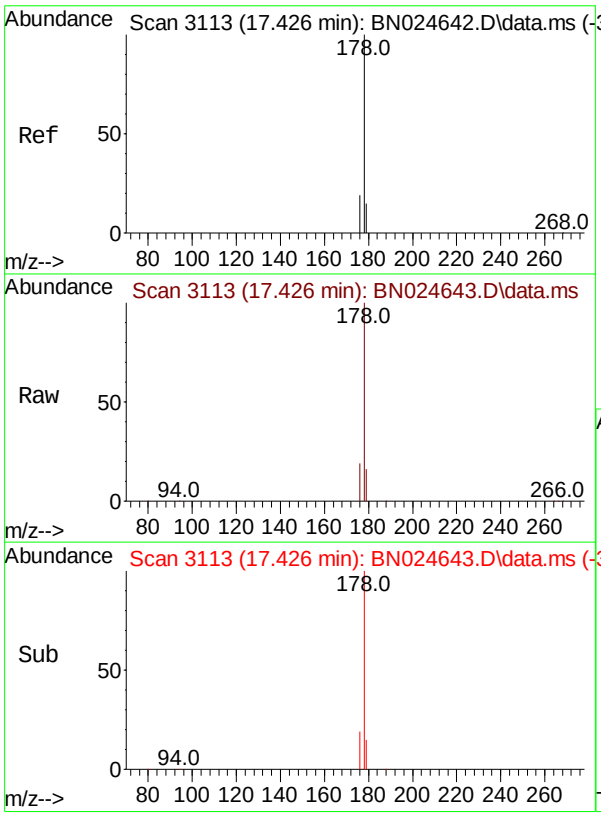


#14
Pentachlorophenol
Concen: 0.868 ng/ul
RT: 17.033 min Scan# 3020
Delta R.T. 0.000 min
Lab File: BN024643.D
Acq: 30 Mar 2023 15:17

Tgt Ion:266 Resp: 5424

Ion	Ratio	Lower	Upper
266	100		
264	62.6	49.6	74.4
268	64.7	52.6	78.8



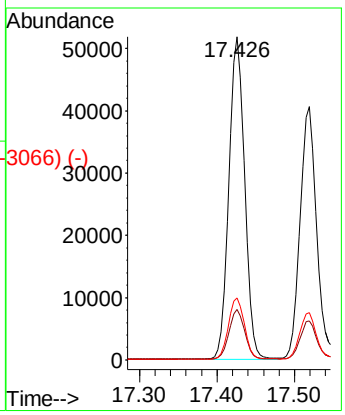


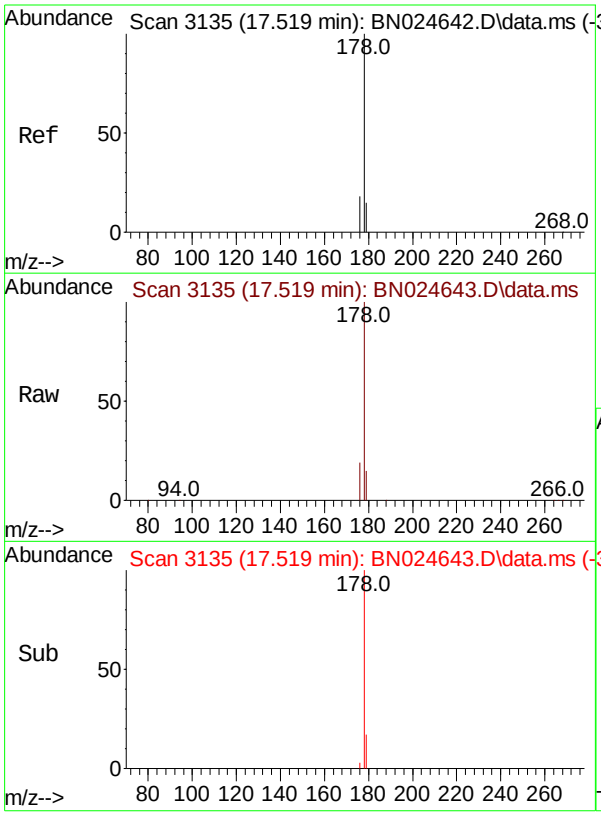
#15
Phenanthrene
Concen: 0.792 ng/ul
RT: 17.426 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN024643.D
Acq: 30 Mar 2023 15:17

Instrument :
BNA_N
ClientSampleId :
SSTD0.8247

Tgt Ion:178 Resp: 72811

Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.3	18.5
176	19.2	15.5	23.3

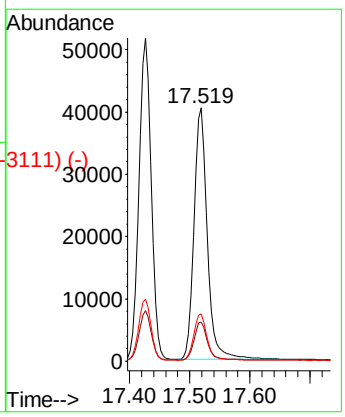


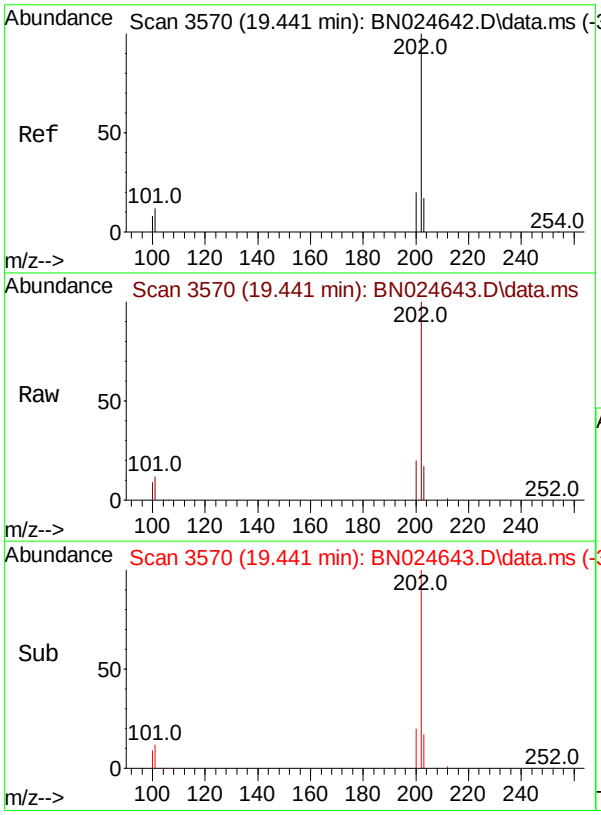


#16
Anthracene
Concen: 0.822 ng/ul
RT: 17.519 min Scan# 3135
Delta R.T. 0.000 min
Lab File: BN024643.D
Acq: 30 Mar 2023 15:17

Tgt Ion:178 Resp: 61382

Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.7	19.1
176	18.6	15.2	22.8



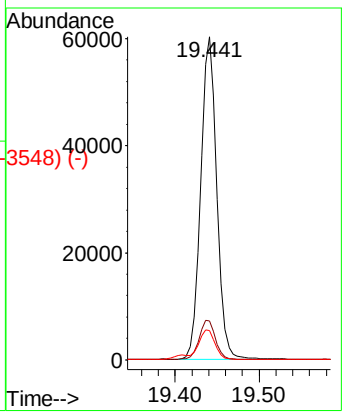


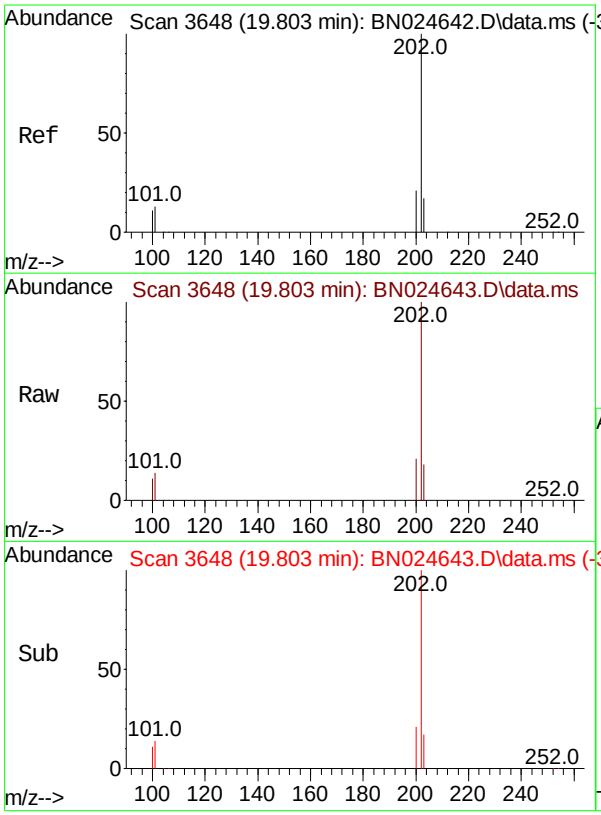
#19
Fluoranthene
Concen: 0.797 ng/ul
RT: 19.441 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN024643.D
Acq: 30 Mar 2023 15:17

Instrument :
BNA_N
ClientSampleId :
SSTD0.8247

Tgt Ion:202 Resp: 80503

Ion	Ratio	Lower	Upper
202	100		
101	12.1	9.6	14.4
100	9.0	7.0	10.6

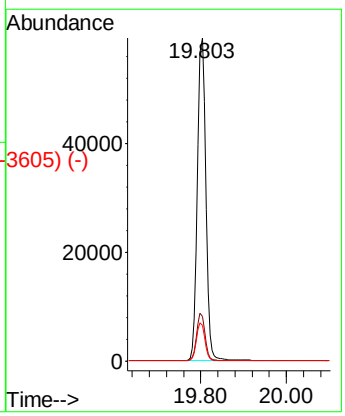


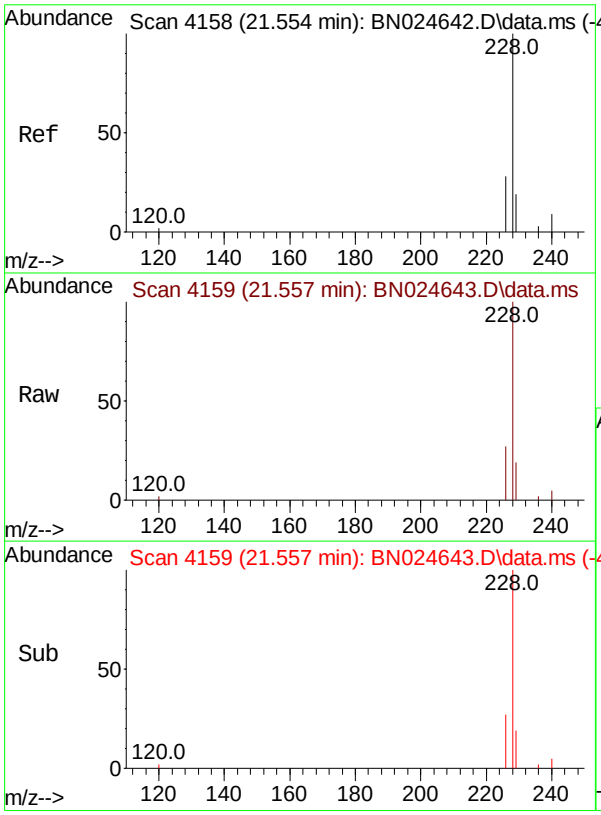


#20
Pyrene
Concen: 0.772 ng/ul
RT: 19.803 min Scan# 3648
Delta R.T. 0.000 min
Lab File: BN024643.D
Acq: 30 Mar 2023 15:17

Tgt Ion:202 Resp: 80088

Ion	Ratio	Lower	Upper
202	100		
101	13.8	10.9	16.3
100	11.0	8.7	13.1



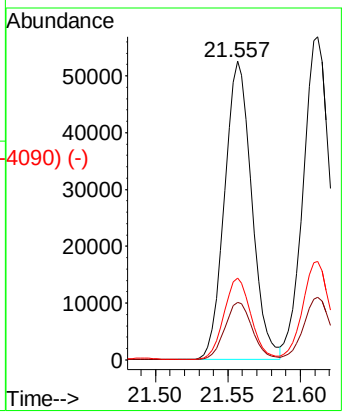


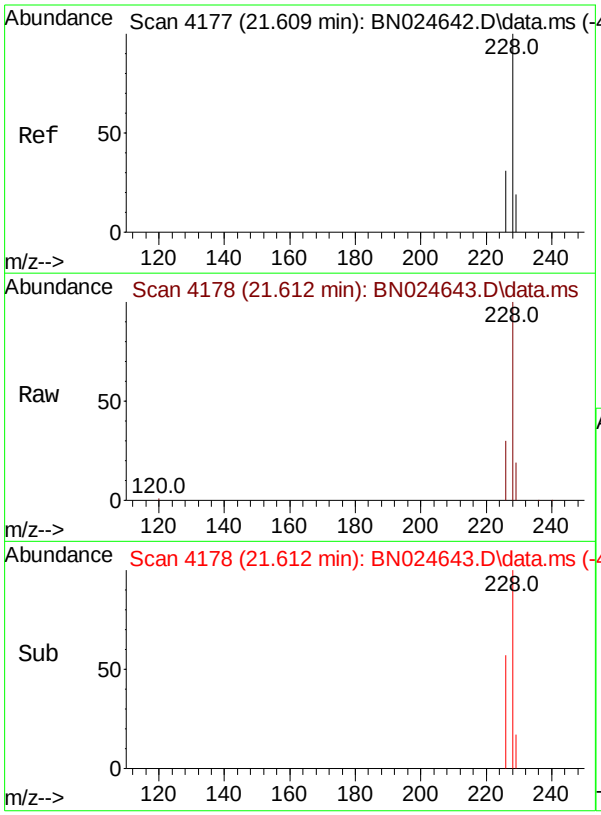
#21
Benzo(a)anthracene
Concen: 0.800 ng/ul
RT: 21.557 min Scan# 4
Delta R.T. 0.003 min
Lab File: BN024643.D
Acq: 30 Mar 2023 15:17

Instrument :
BNA_N
ClientSampleId :
SSTD0.8247

Tgt Ion:228 Resp: 68456

Ion	Ratio	Lower	Upper
228	100		
229	19.3	15.6	23.4
226	27.4	22.5	33.7

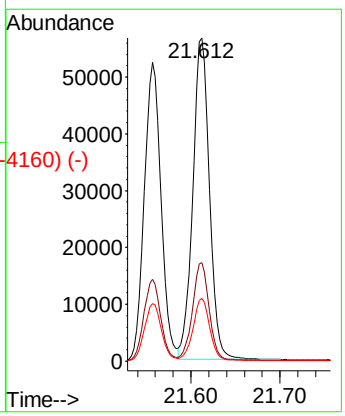


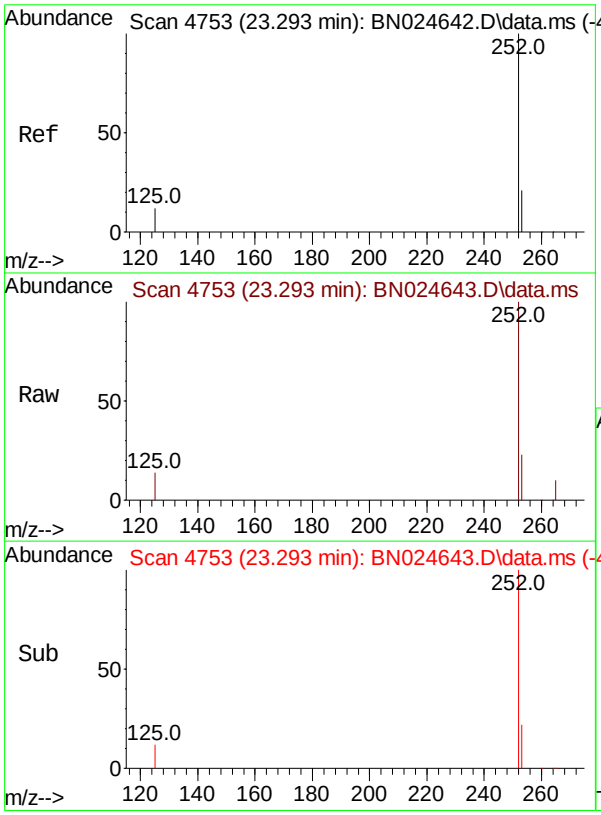


#22
Chrysene
Concen: 0.772 ng/ul
RT: 21.612 min Scan# 4178
Delta R.T. 0.003 min
Lab File: BN024643.D
Acq: 30 Mar 2023 15:17

Tgt Ion:228 Resp: 74191

Ion	Ratio	Lower	Upper
228	100		
226	30.5	24.6	37.0
229	19.3	15.6	23.4



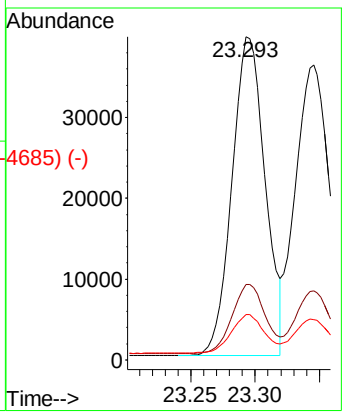


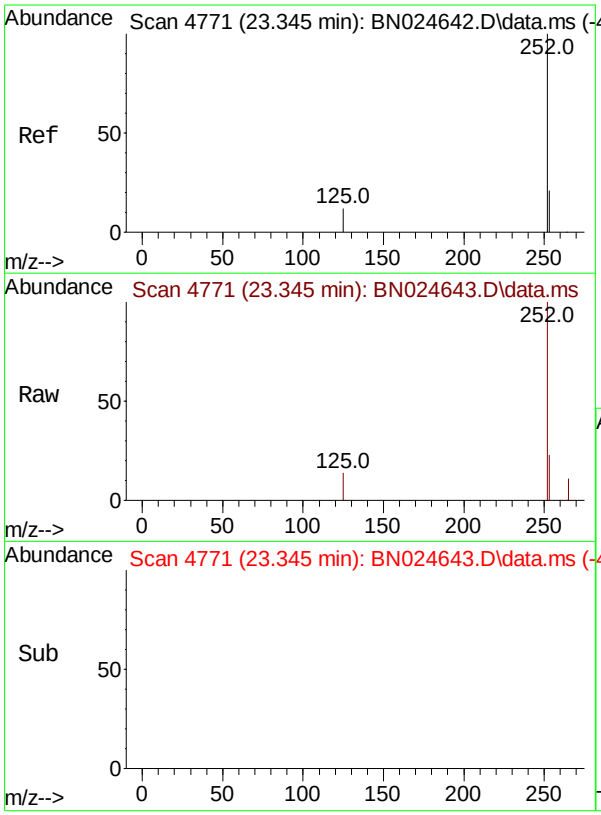
#24
Benzo(b)fluoranthene
Concen: 0.811 ng/ul
RT: 23.293 min Scan# 4
Delta R.T. 0.000 min
Lab File: BN024643.D
Acq: 30 Mar 2023 15:17

Instrument :
BNA_N
ClientSampleId :
SSTD0.8247

Tgt Ion:252 Resp: 70651

Ion	Ratio	Lower	Upper
252	100		
253	23.4	0.0	49.6
125	14.0	0.0	32.4

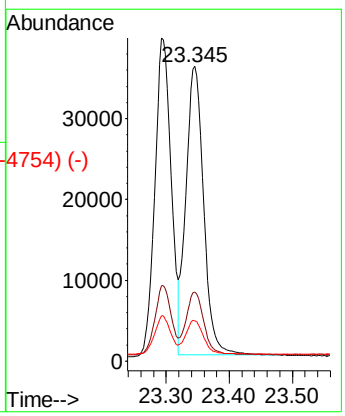


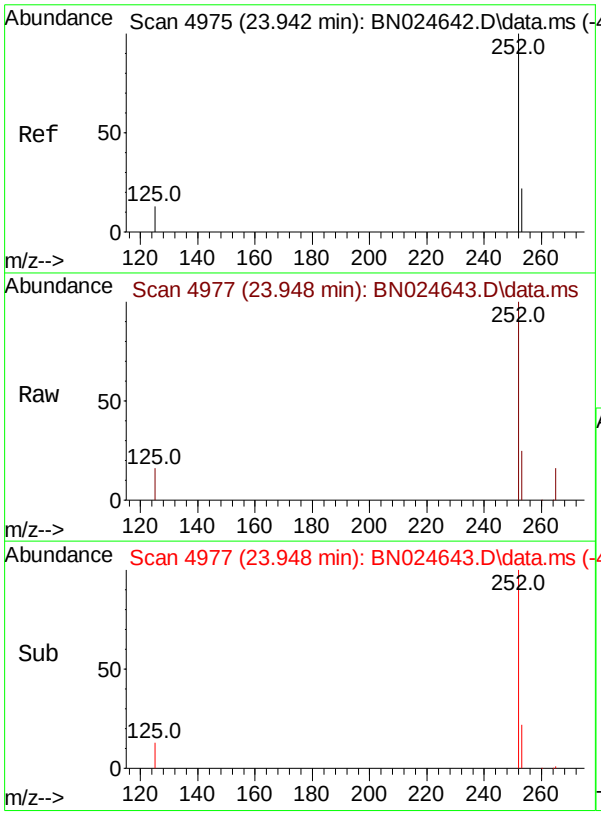


#25
Benzo(k)fluoranthene
Concen: 0.845 ng/ul
RT: 23.345 min Scan# 4771
Delta R.T. 0.000 min
Lab File: BN024643.D
Acq: 30 Mar 2023 15:17

Tgt Ion:252 Resp: 69820

Ion	Ratio	Lower	Upper
252	100		
253	23.5	20.2	30.2
125	13.7	13.1	19.7



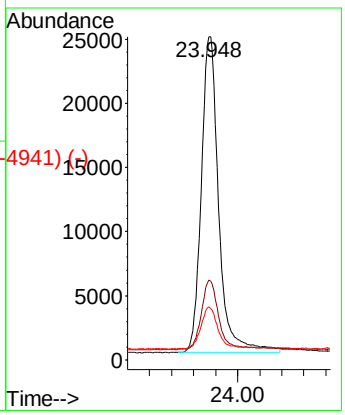


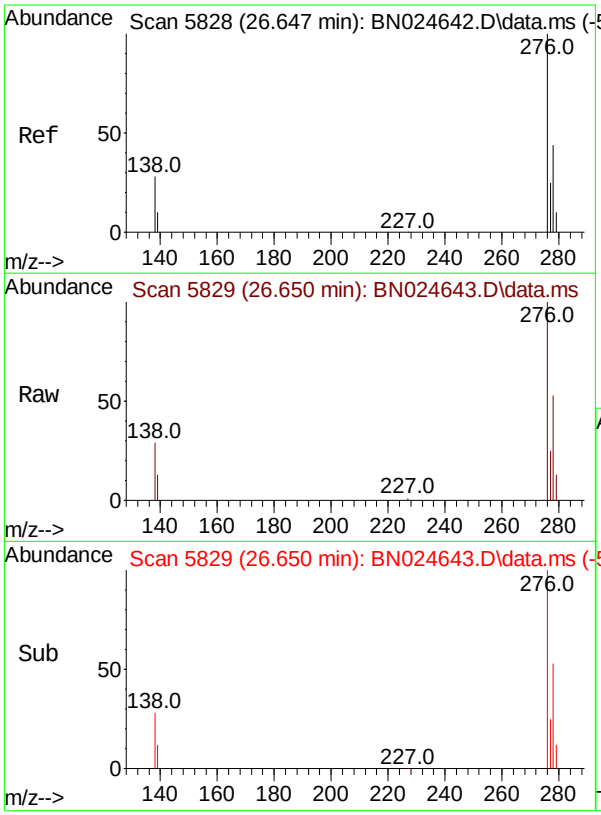
#26
Benzo(a)pyrene
Concen: 0.783 ng/ul
RT: 23.948 min Scan# 4
Delta R.T. 0.006 min
Lab File: BN024643.D
Acq: 30 Mar 2023 15:17

Instrument :
BNA_N
ClientSampleId :
SSTD0.8247

Tgt Ion:252 Resp: 54067

Ion	Ratio	Lower	Upper
252	100		
253	24.8	21.8	32.8
125	16.3	15.4	23.0

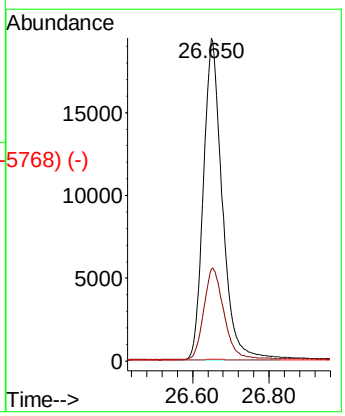


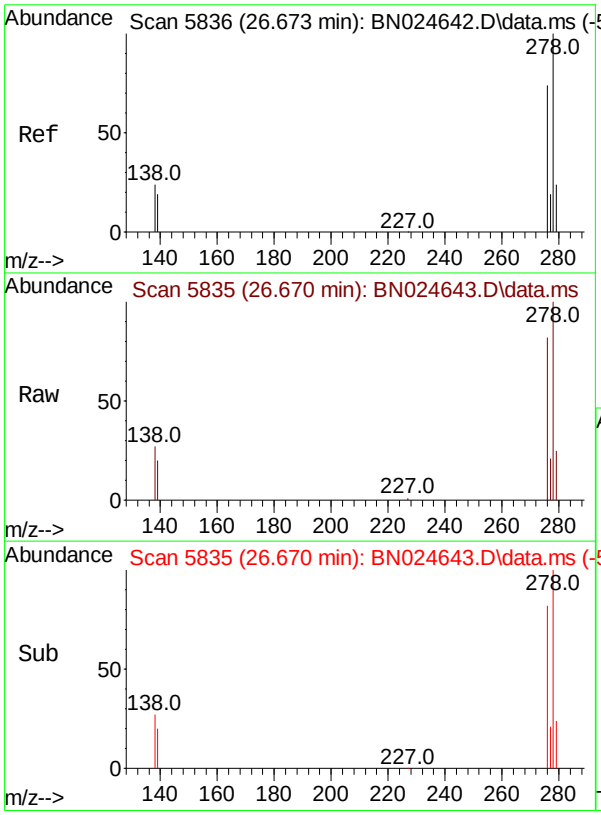


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.806 ng/ul
RT: 26.650 min Scan# 5829
Delta R.T. 0.003 min
Lab File: BN024643.D
Acq: 30 Mar 2023 15:17

Tgt Ion:276 Resp: 65895

Ion	Ratio	Lower	Upper
276	100		
138	30.3	24.6	36.8
227	0.3	0.1	0.1#



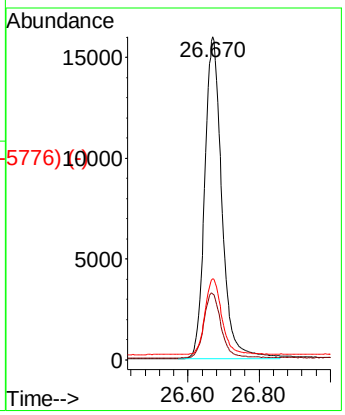


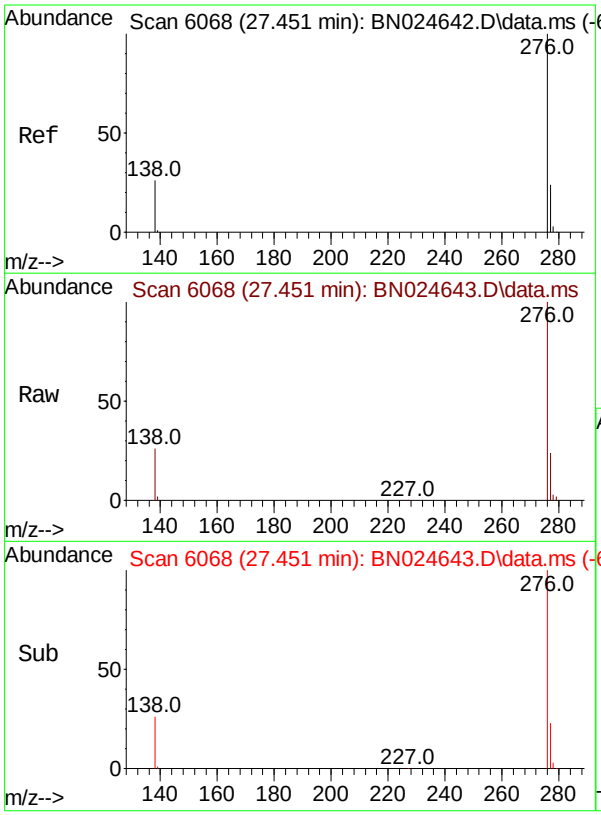
#28
Dibenzo(a,h)anthracene
Concen: 0.819 ng/ul
RT: 26.670 min Scan# 5
Delta R.T. -0.003 min
Lab File: BN024643.D
Acq: 30 Mar 2023 15:17

Instrument :
BNA_N
ClientSampleId :
SSTD0.8247

Tgt Ion:278 Resp: 53210

Ion	Ratio	Lower	Upper
278	100		
139	20.4	16.5	24.7
279	25.1	21.8	32.8





#29
Benzo(g,h,i)perylene
Concen: 0.794 ng/ul
RT: 27.451 min Scan# 6068
Delta R.T. 0.000 min
Lab File: BN024643.D
Acq: 30 Mar 2023 15:17

Tgt Ion:276 Resp: 56368

Ion	Ratio	Lower	Upper
276	100		
138	26.4	21.4	32.2
277	23.6	19.8	29.6