Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN090822\
Data File : BN021643.D
Acq On : 08 Sep 2022 13:31
Operator : CG/JU
Sample : SSTD3.245
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTD3.2249

Quant Time: Sep 08 13:57:48 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN090822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 08 13:38:06 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.067	152	4692	0.400	ng/ul	0.00
4) Naphthalene-d8	10.894	136	15649	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.721	164	8952	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.468	188	17623	0.400	ng/ul	0.00
17) Chrysene-d12	21.662	240	13152	0.400	ng/ul	0.00
23) Perylene-d12	24.179	264	7807	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.368	96	17676	2.920	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.483	152	77470	3.272	ng/ul	0.00
18) Fluoranthene-d10	19.497	212	150752	3.719	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.405	88	18083	2.852	ng/ul#	86
5) Naphthalene	10.944	128	134340	2.711	ng/ul	97
7) 2-Methylnaphthalene	12.555	142	89071	2.873	ng/ul	98
8) 1-Methylnaphthalene	12.775	142	90430	3.111	ng/ul	99
10) Acenaphthylene	14.444	152	126356	2.735	ng/ul	97
11) Acenaphthene	14.781	153	98493	2.784	ng/ul	100
12) Fluorene	15.767	166	113040	2.860	ng/ul	100
14) Pentachlorophenol	17.113	266	13287	6.826	ng/ul	99
15) Phenanthrene	17.510	178	175954	2.693	ng/ul	99
16) Anthracene	17.603	178	160054	3.058	ng/ul	97
19) Fluoranthene	19.529	202	189279	3.035	ng/ul	99
20) Pyrene	19.892	202	184787	2.961	ng/ul	97
21) Benzo(a)anthracene	21.644	228	149960	3.290	ng/ul	99
22) Chrysene	21.700	228	146835	2.505	ng/ul	99
24) Benzo(b)fluoranthene	23.401	252	126911	3.785	ng/ul	95
25) Benzo(k)fluoranthene	23.453	252	125165	3.467	ng/ul	94
26) Benzo(a)pyrene	24.065	252	97033	3.072	ng/ul	91
27) Indeno(1,2,3-cd)pyrene	26.824	276	107300	2.893	ng/ul#	96
28) Dibenzo(a,h)anthracene	26.851	278	93205	3.055	ng/ul#	93
29) Benzo(g,h,i)perylene	27.642	276	96548	2.620	ng/ul	98

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

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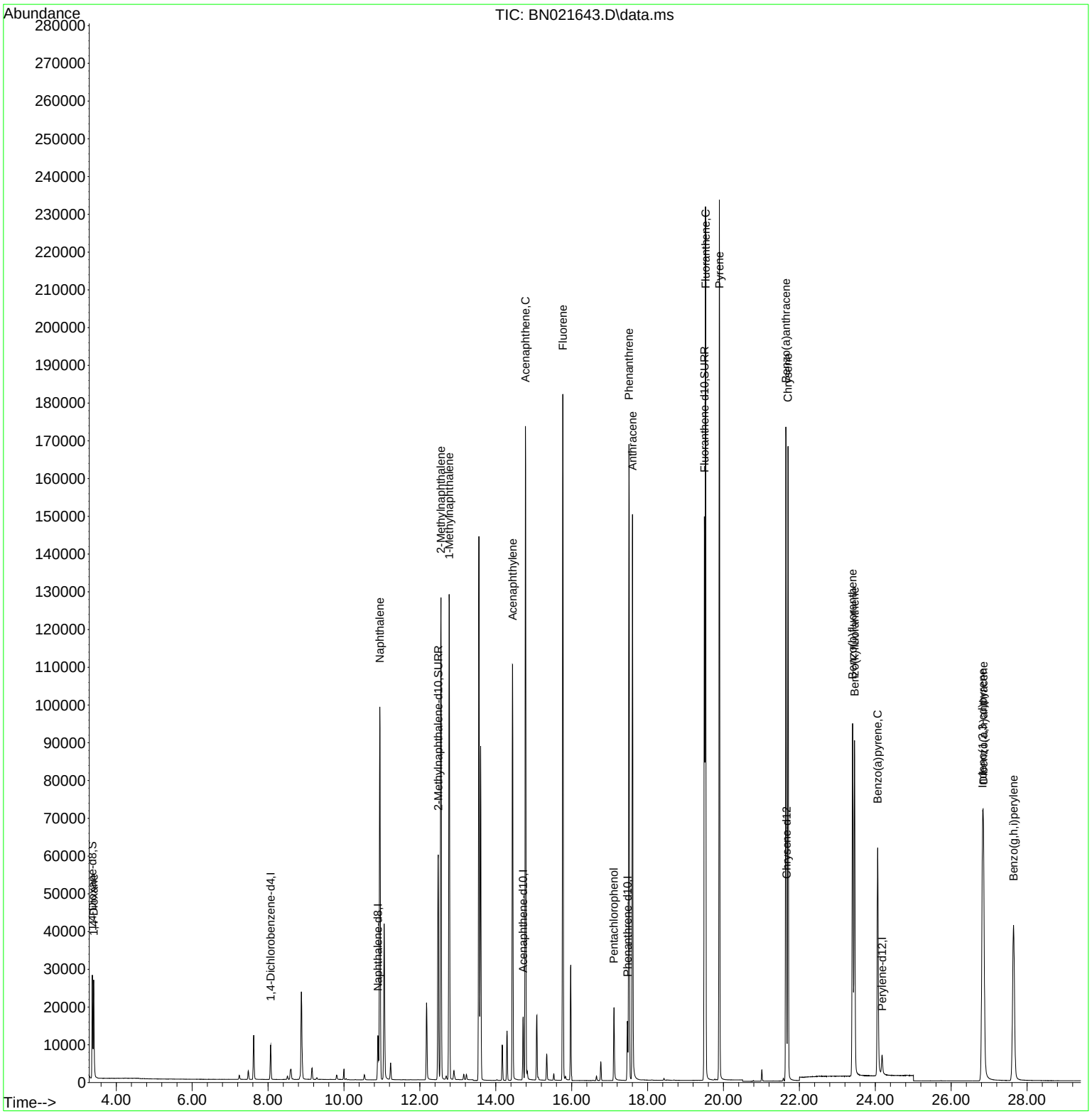
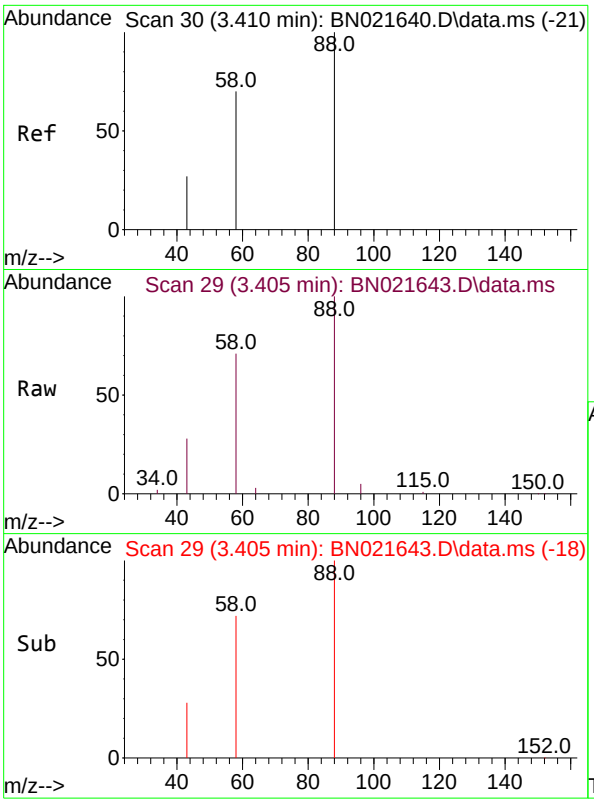


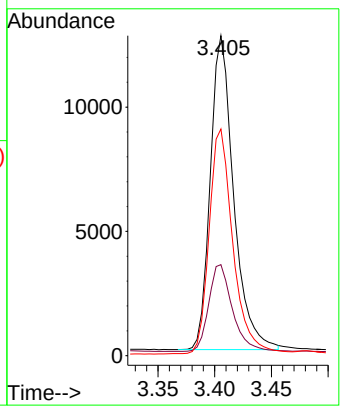


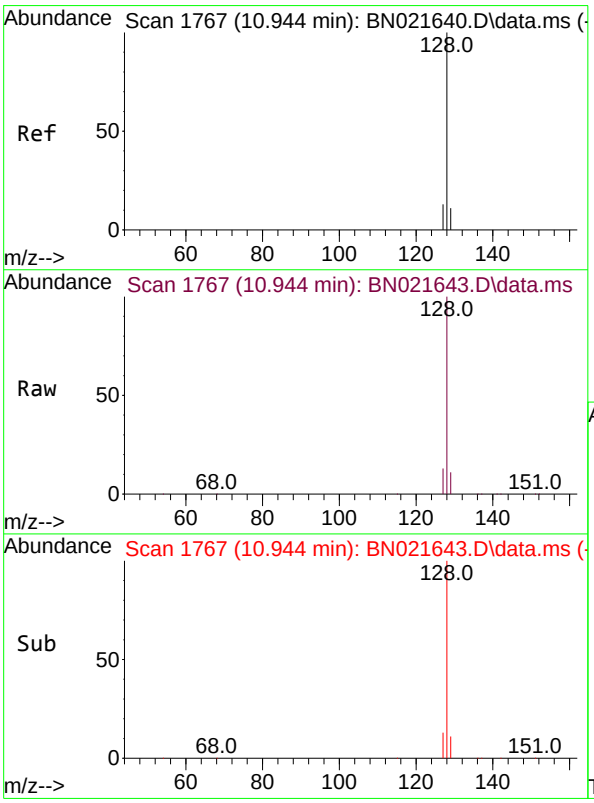
#2
1,4-Dioxane
Concen: 2.852 ng/ul
RT: 3.405 min Scan# 2
Delta R.T. -0.004 min
Lab File: BN021643.D
Acq: 08 Sep 2022 13:31

Instrument :
BNA_N
ClientSampleId :
SSTD3.2249

Tgt Ion: 88 Resp: 18083

Ion	Ratio	Lower	Upper
88	100		
43	28.4	31.4	47.0#
58	70.9	49.0	73.6

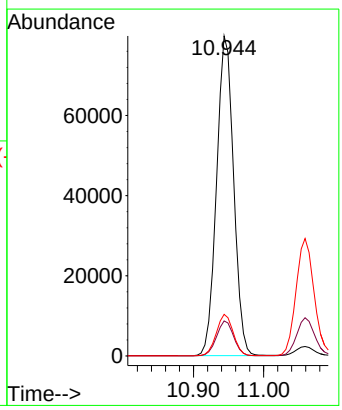


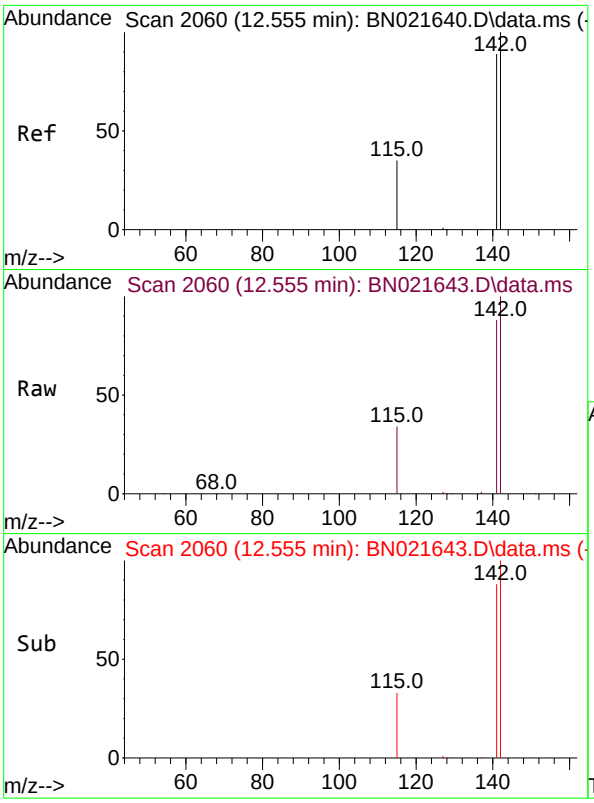


#5
Naphthalene
Concen: 2.711 ng/ul
RT: 10.944 min Scan# 1767
Delta R.T. 0.000 min
Lab File: BN021643.D
Acq: 08 Sep 2022 13:31

Tgt Ion:128 Resp: 134340

Ion	Ratio	Lower	Upper
128	100		
129	11.0	9.8	14.6
127	13.0	11.6	17.4



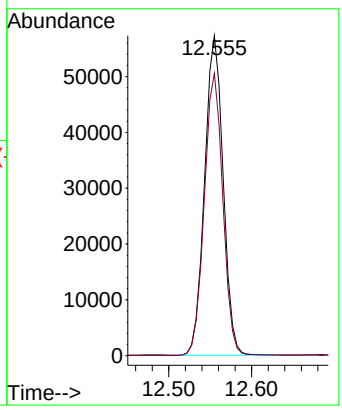


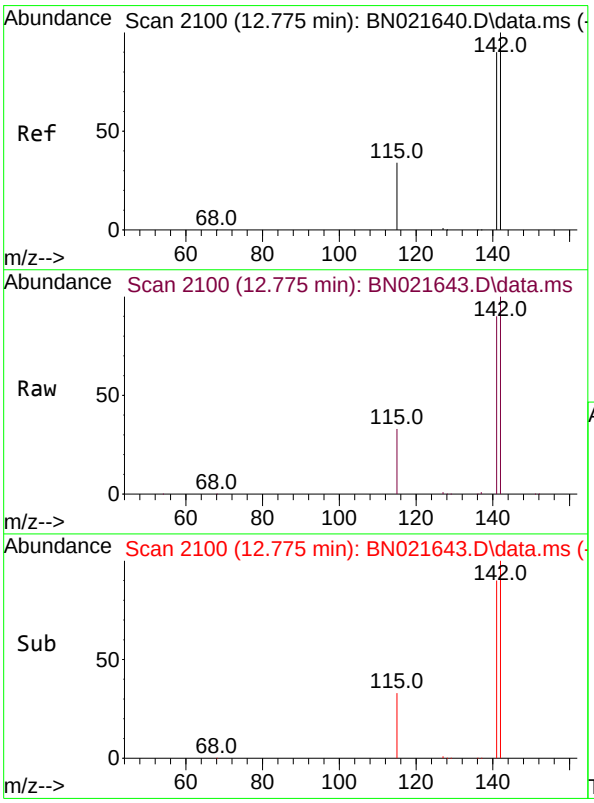
#7
2-Methylnaphthalene
Concen: 2.873 ng/ul
RT: 12.555 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN021643.D
Acq: 08 Sep 2022 13:31

Instrument :
BNA_N
ClientSampleId :
SSTD3.2249

Tgt Ion:142 Resp: 89071

Ion	Ratio	Lower	Upper
142	100		
141	88.3	72.2	108.2

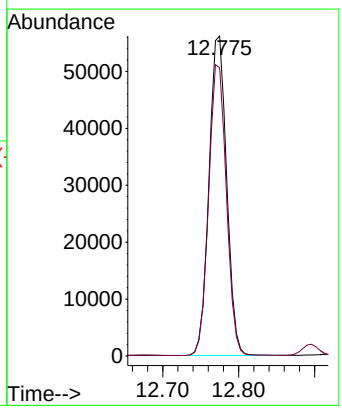


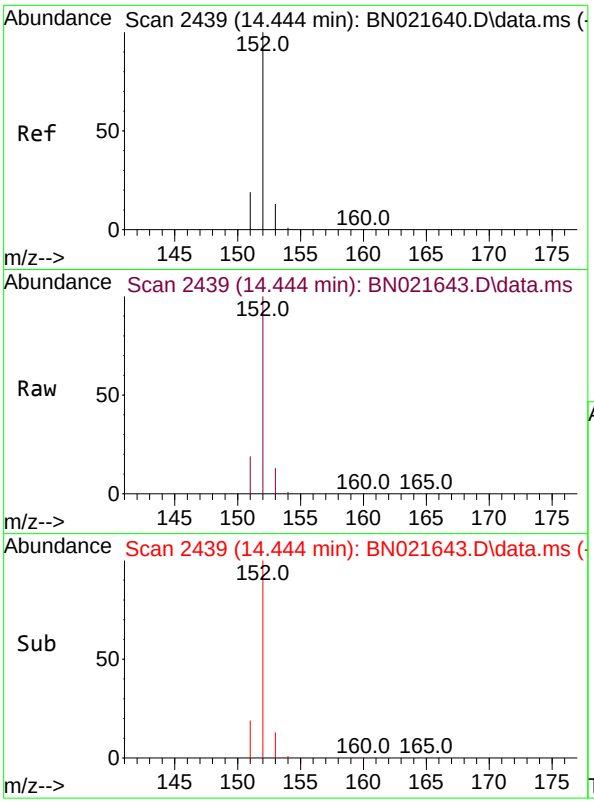


#8
1-Methylnaphthalene
Concen: 3.111 ng/ul
RT: 12.775 min Scan# 2100
Delta R.T. 0.000 min
Lab File: BN021643.D
Acq: 08 Sep 2022 13:31

Tgt Ion:142 Resp: 90430

Ion	Ratio	Lower	Upper
142	100		
141	91.5	73.9	110.9



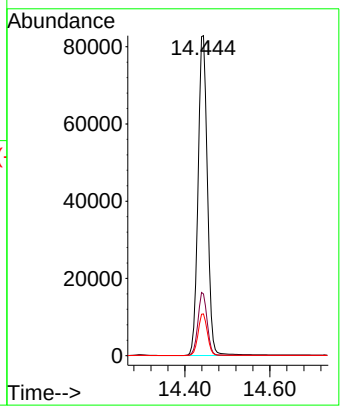


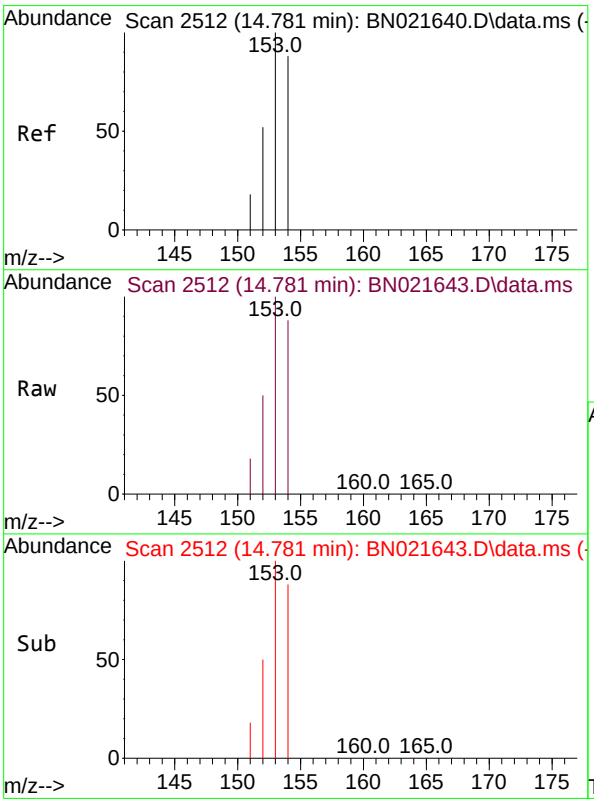
#10
Acenaphthylene
Concen: 2.735 ng/ul
RT: 14.444 min Scan# 24
Delta R.T. 0.000 min
Lab File: BN021643.D
Acq: 08 Sep 2022 13:31

Instrument :
BNA_N
ClientSampleId :
SSTD3.2249

Tgt Ion:152 Resp: 126356

Ion	Ratio	Lower	Upper
152	100		
151	19.3	16.9	25.3
153	13.1	11.2	16.8

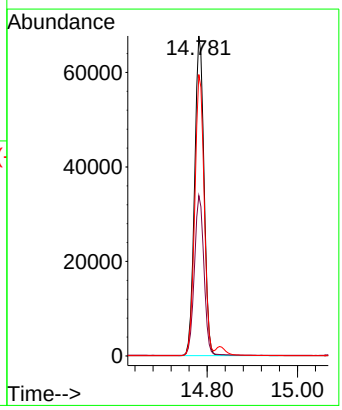


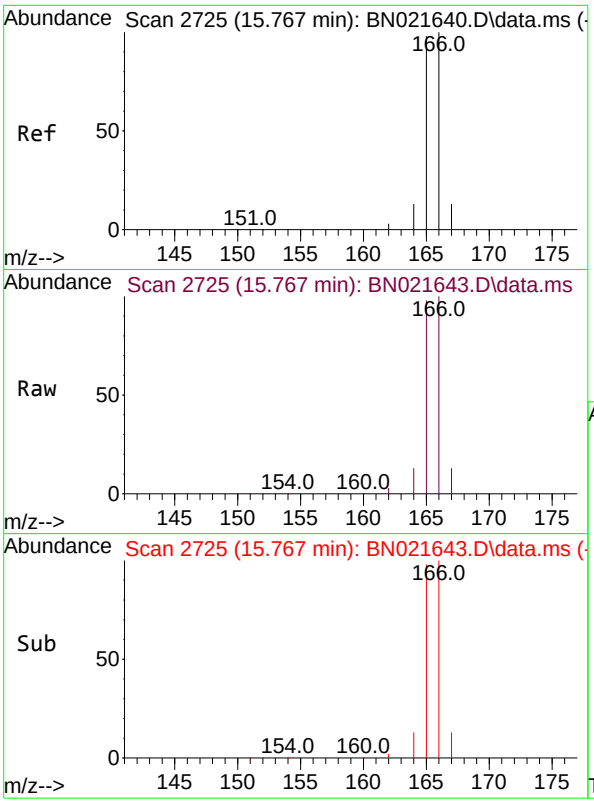


#11
Acenaphthene
Concen: 2.784 ng/ul
RT: 14.781 min Scan# 2512
Delta R.T. 0.000 min
Lab File: BN021643.D
Acq: 08 Sep 2022 13:31

Tgt Ion:153 Resp: 98493

Ion	Ratio	Lower	Upper
153	100		
152	50.1	40.2	60.4
154	88.0	70.7	106.1



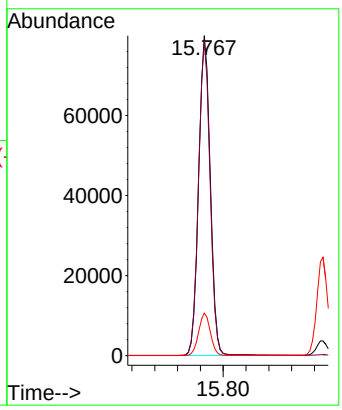


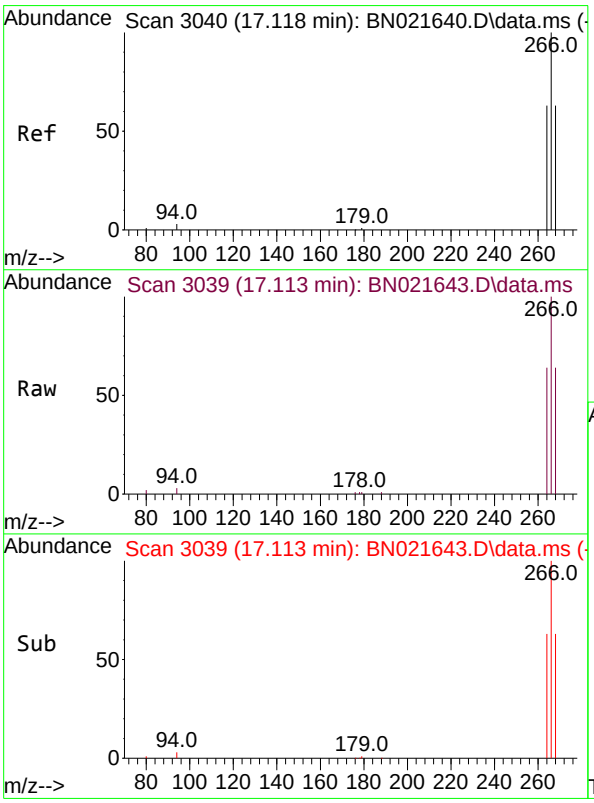
#12
Fluorene
Concen: 2.860 ng/ul
RT: 15.767 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN021643.D
Acq: 08 Sep 2022 13:31

Instrument :
BNA_N
ClientSampleId :
SSTD3.2249

Tgt Ion:166 Resp: 113040

Ion	Ratio	Lower	Upper
166	100		
165	98.2	78.6	117.8
167	13.3	11.8	17.6

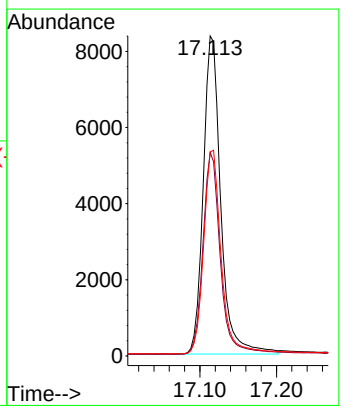


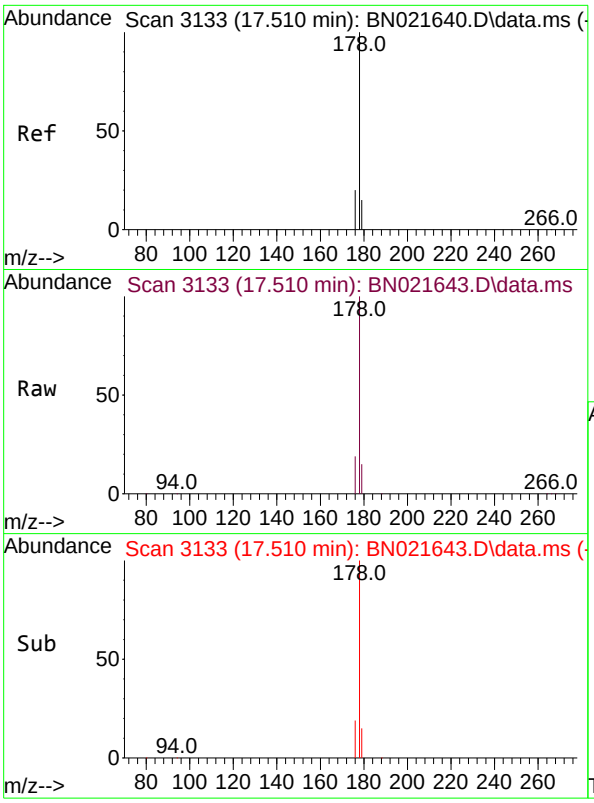


#14
Pentachlorophenol
Concen: 6.826 ng/ul
RT: 17.113 min Scan# 3039
Delta R.T. -0.004 min
Lab File: BN021643.D
Acq: 08 Sep 2022 13:31

Tgt Ion:266 Resp: 13287

Ion	Ratio	Lower	Upper
266	100		
264	62.9	49.8	74.8
268	64.1	50.6	75.8



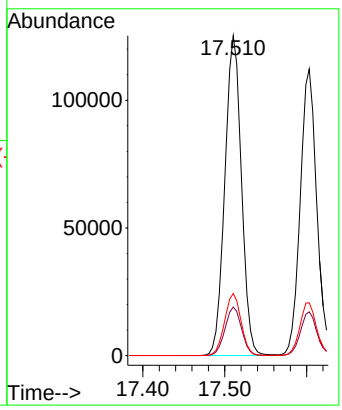


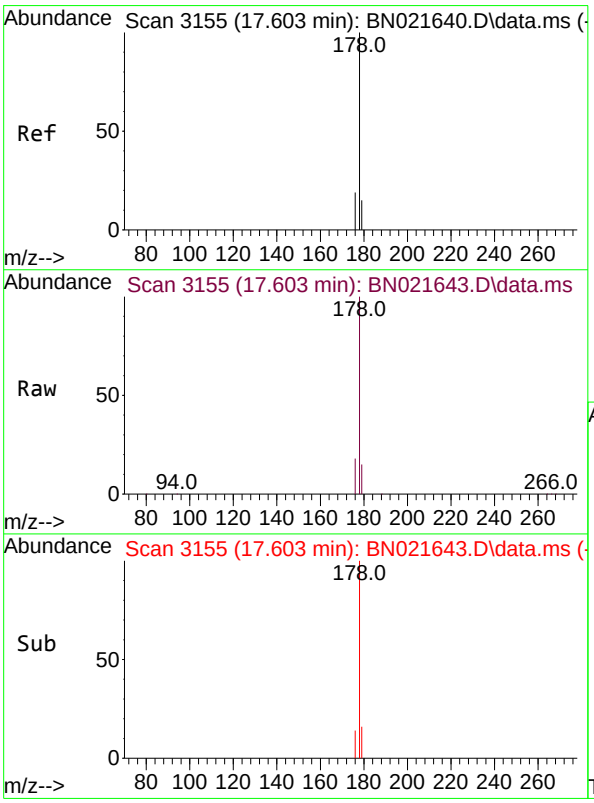
#15
Phenanthrene
Concen: 2.693 ng/ul
RT: 17.510 min Scan# 3
Delta R.T. 0.000 min
Lab File: BN021643.D
Acq: 08 Sep 2022 13:31

Instrument :
BNA_N
ClientSampleId :
SSTD3.2249

Tgt Ion:178 Resp: 175954

Ion	Ratio	Lower	Upper
178	100		
179	15.2	12.8	19.2
176	19.4	15.9	23.9

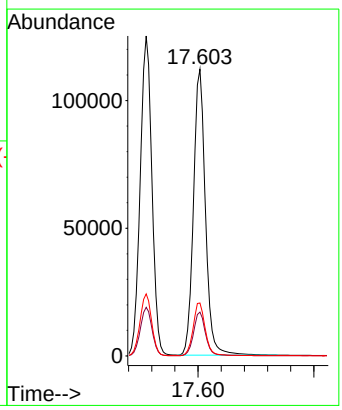


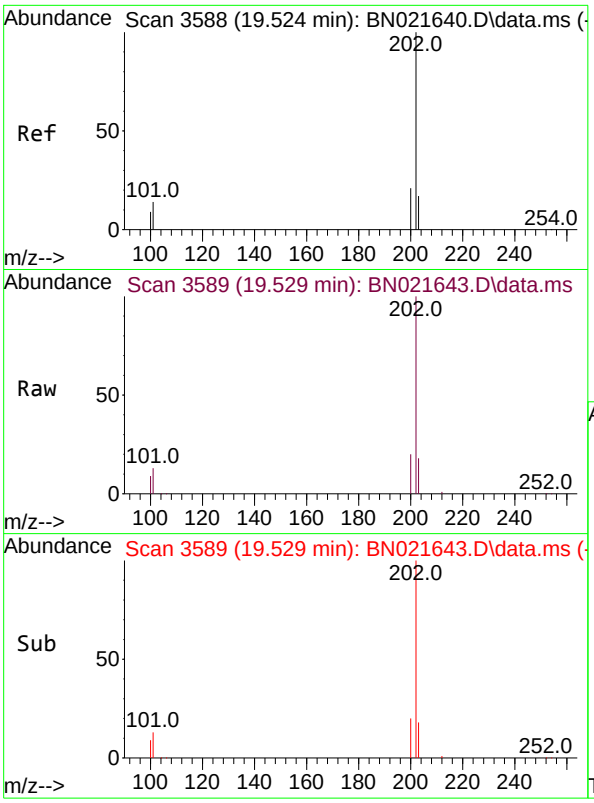


#16
Anthracene
Concen: 3.058 ng/ul
RT: 17.603 min Scan# 3155
Delta R.T. 0.000 min
Lab File: BN021643.D
Acq: 08 Sep 2022 13:31

Tgt Ion:178 Resp: 160054

Ion	Ratio	Lower	Upper
178	100		
179	15.3	12.9	19.3
176	18.5	15.9	23.9



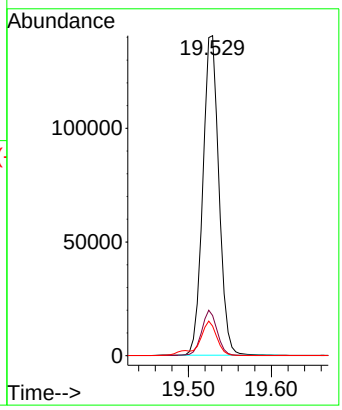


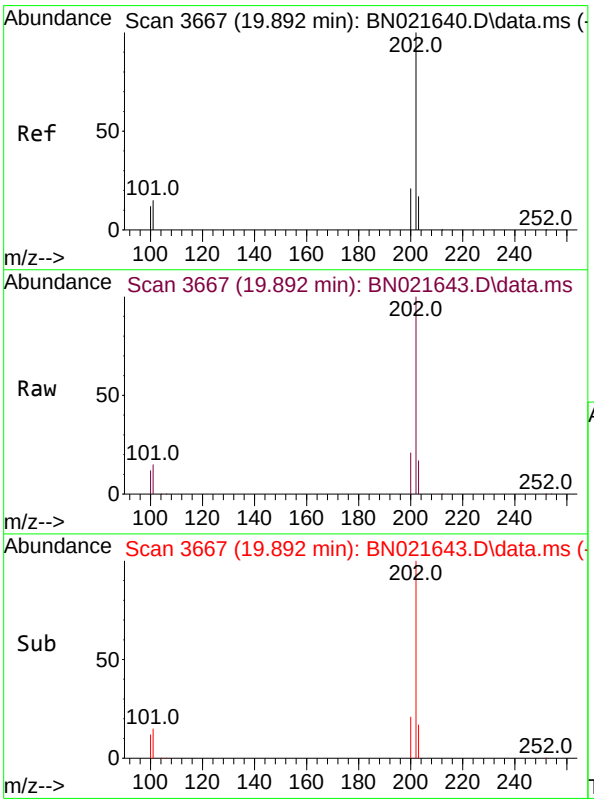
#19
Fluoranthene
Concen: 3.035 ng/ul
RT: 19.529 min Scan# 3
Delta R.T. 0.005 min
Lab File: BN021643.D
Acq: 08 Sep 2022 13:31

Instrument :
BNA_N
ClientSampleId :
SSTD3.2249

Tgt Ion:202 Resp: 189279

Ion	Ratio	Lower	Upper
202	100		
101	12.6	10.0	15.0
100	9.2	8.0	12.0

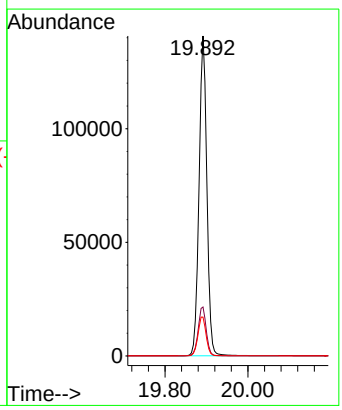


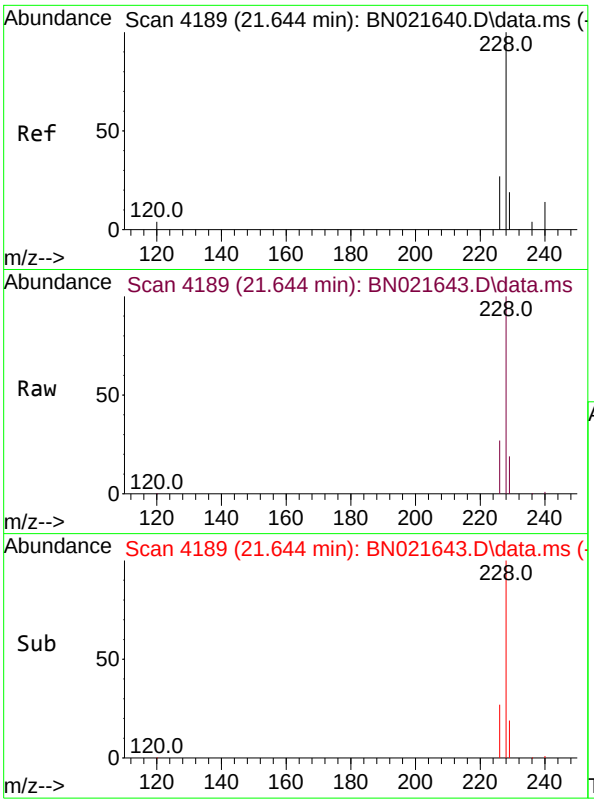


#20
Pyrene
Concen: 2.961 ng/ul
RT: 19.892 min Scan# 3667
Delta R.T. 0.000 min
Lab File: BN021643.D
Acq: 08 Sep 2022 13:31

Tgt Ion:202 Resp: 184787

Ion	Ratio	Lower	Upper
202	100		
101	15.3	11.3	16.9
100	12.2	9.0	13.4



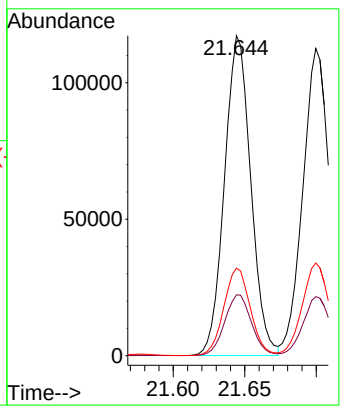


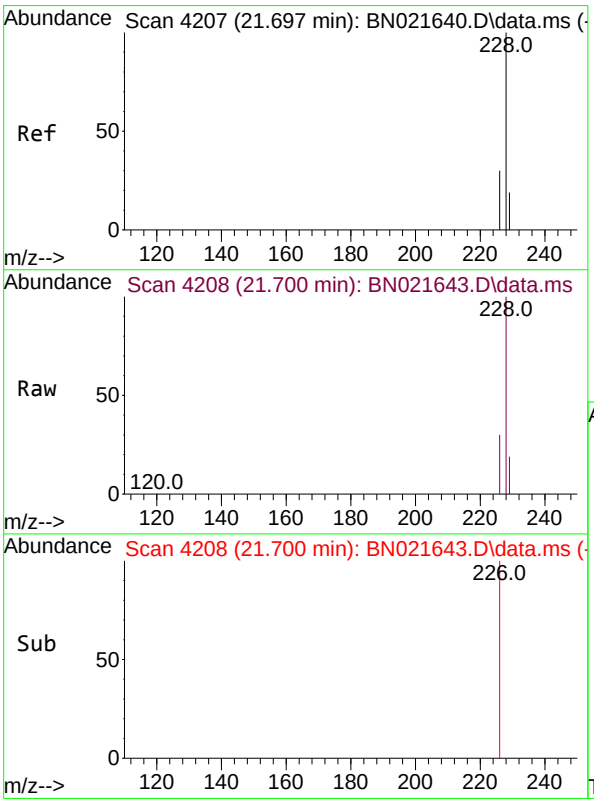
#21
Benzo(a)anthracene
Concen: 3.290 ng/ul
RT: 21.644 min Scan# 4
Delta R.T. 0.000 min
Lab File: BN021643.D
Acq: 08 Sep 2022 13:31

Instrument :
BNA_N
ClientSampleId :
SSTD3.2249

Tgt Ion:228 Resp: 149960

Ion	Ratio	Lower	Upper
228	100		
229	19.0	16.0	24.0
226	27.4	21.9	32.9

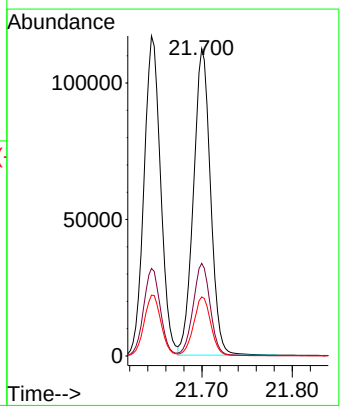


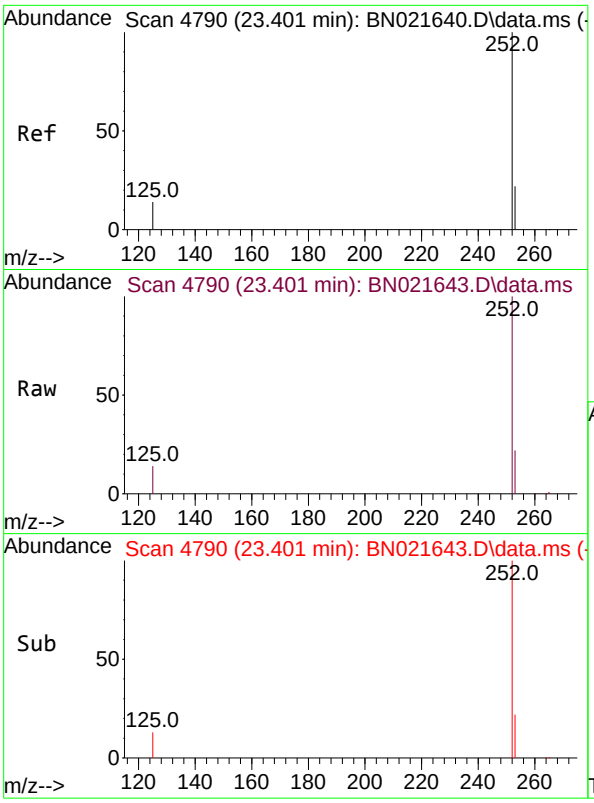


#22
Chrysene
Concen: 2.505 ng/ul
RT: 21.700 min Scan# 4208
Delta R.T. 0.003 min
Lab File: BN021643.D
Acq: 08 Sep 2022 13:31

Tgt Ion:228 Resp: 146835

Ion	Ratio	Lower	Upper
228	100		
226	30.2	24.6	37.0
229	19.2	15.8	23.8



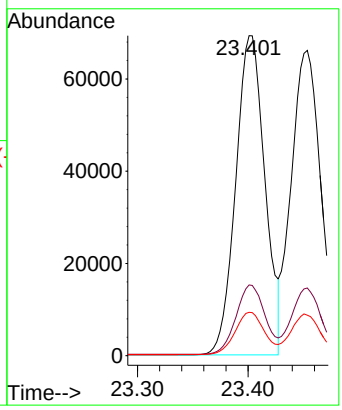


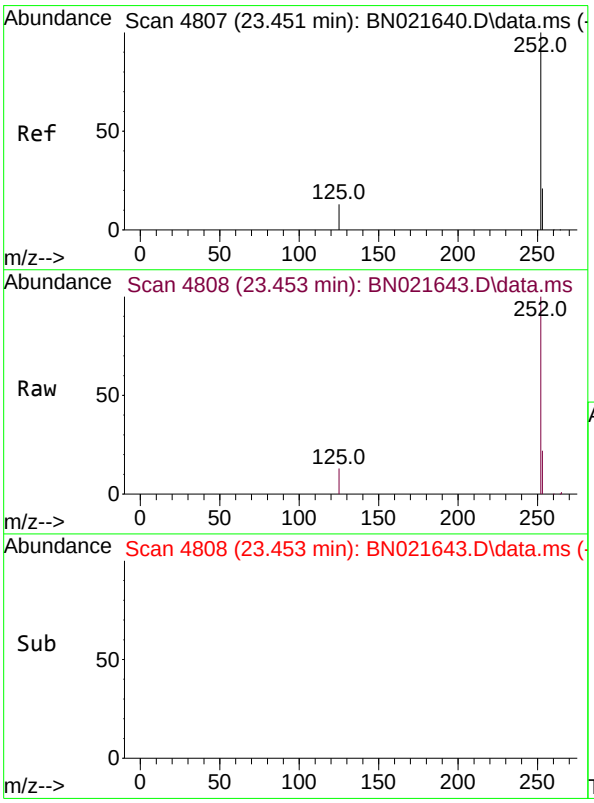
#24
Benzo(b)fluoranthene
Concen: 3.785 ng/ul
RT: 23.401 min Scan# 4
Delta R.T. 0.000 min
Lab File: BN021643.D
Acq: 08 Sep 2022 13:31

Instrument :
BNA_N
ClientSampleId :
SSTD3.2249

Tgt Ion:252 Resp: 126911

Ion	Ratio	Lower	Upper
252	100		
253	22.1	0.0	50.8
125	13.5	0.0	30.0

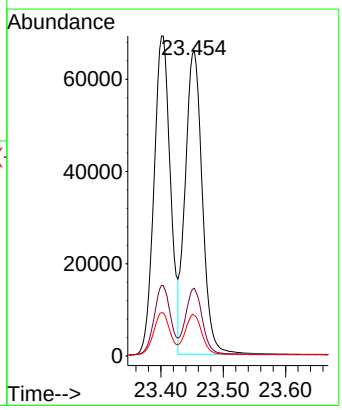


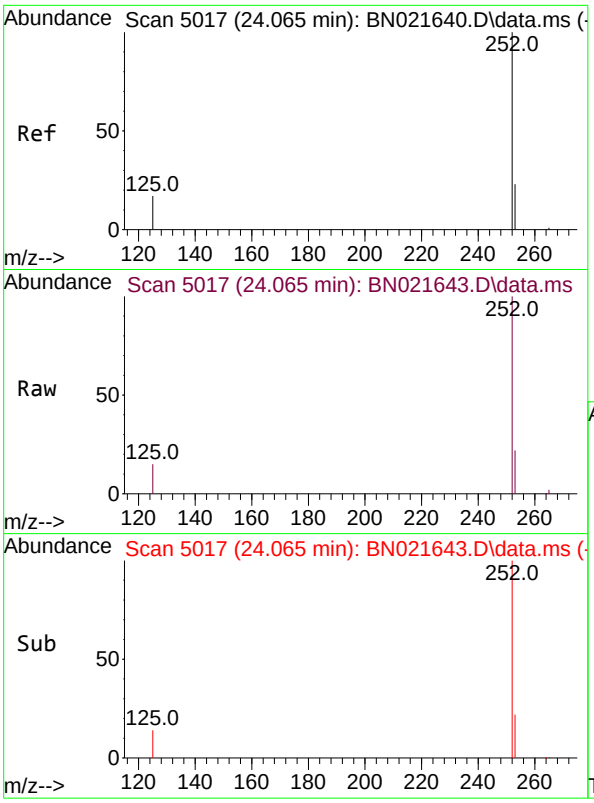


#25
Benzo(k)fluoranthene
Concen: 3.467 ng/ul
RT: 23.453 min Scan# 4808
Delta R.T. 0.003 min
Lab File: BN021643.D
Acq: 08 Sep 2022 13:31

Tgt Ion:252 Resp: 125165

Ion	Ratio	Lower	Upper
252	100		
253	22.1	20.6	31.0
125	13.2	11.8	17.6



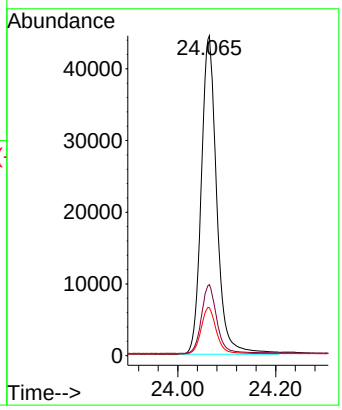


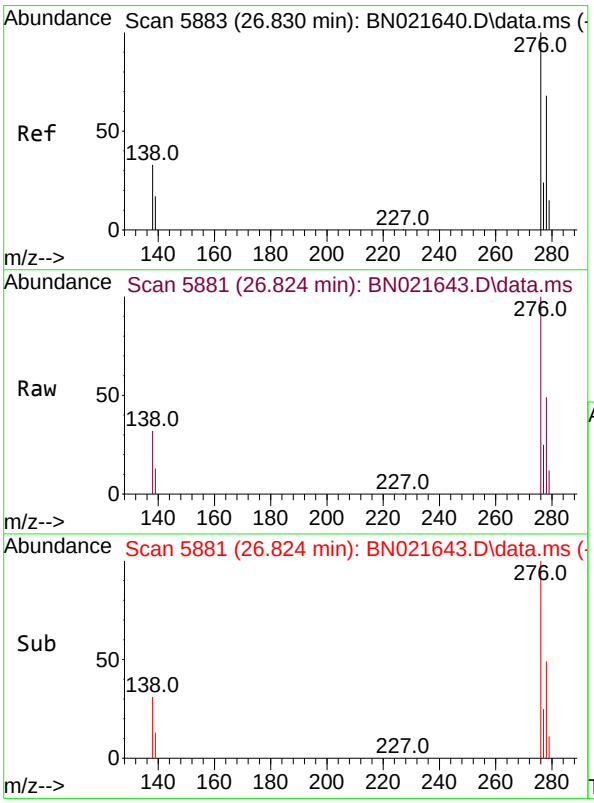
#26
Benzo(a)pyrene
Concen: 3.072 ng/ul
RT: 24.065 min Scan# 5
Delta R.T. 0.000 min
Lab File: BN021643.D
Acq: 08 Sep 2022 13:31

Instrument :
BNA_N
ClientSampleId :
SSTD3.2249

Tgt Ion:252 Resp: 97033

Ion	Ratio	Lower	Upper
252	100		
253	22.2	22.1	33.1
125	15.0	14.7	22.1

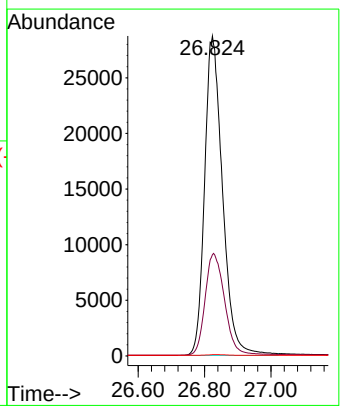


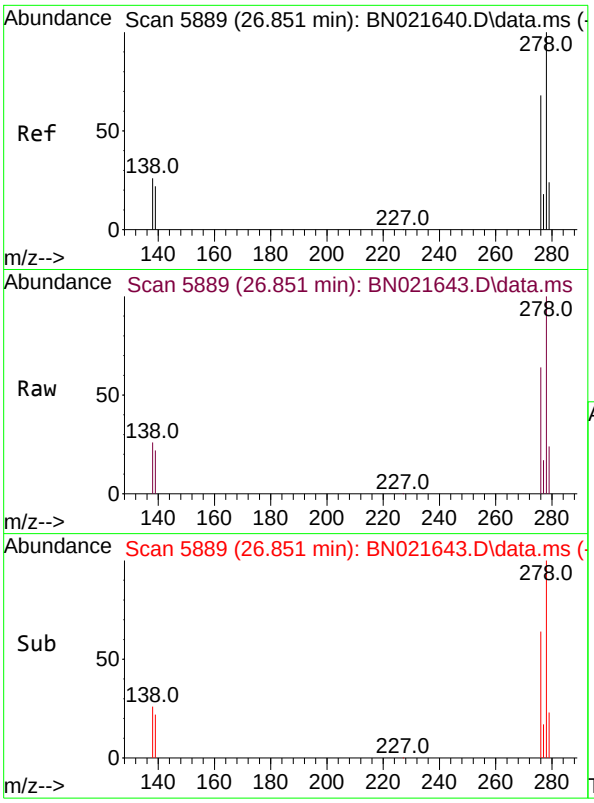


#27
Indeno(1,2,3-cd)pyrene
Concen: 2.893 ng/ul
RT: 26.824 min Scan# 5881
Delta R.T. -0.007 min
Lab File: BN021643.D
Acq: 08 Sep 2022 13:31

Tgt Ion:276 Resp: 107300

Ion	Ratio	Lower	Upper
276	100		
138	34.6	26.1	39.1
227	0.2	0.1	0.1#



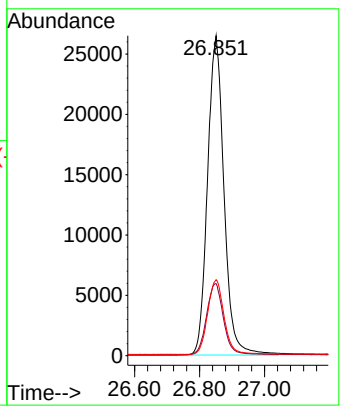


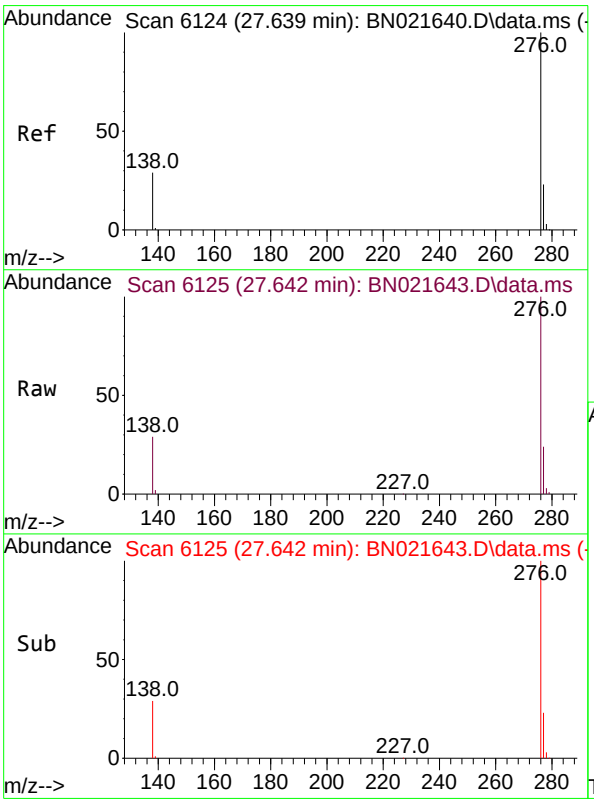
#28
Dibenzo(a,h)anthracene
Concen: 3.055 ng/ul
RT: 26.851 min Scan# 5
Delta R.T. 0.000 min
Lab File: BN021643.D
Acq: 08 Sep 2022 13:31

Instrument :
BNA_N
ClientSampleId :
SSTD3.2249

Tgt Ion:278 Resp: 93205

Ion	Ratio	Lower	Upper
278	100		
139	22.5	18.3	27.5
279	23.7	23.9	35.9#





#29
Benzo(g,h,i)perylene
Concen: 2.620 ng/ul
RT: 27.642 min Scan# 6125
Delta R.T. 0.003 min
Lab File: BN021643.D
Acq: 08 Sep 2022 13:31

Tgt Ion:276 Resp: 96548

Ion	Ratio	Lower	Upper
276	100		
138	29.0	22.6	34.0
277	23.7	20.2	30.2