Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112723\
Data File : BN028897.D
Acq On : 28 Nov 2023 02:09
Operator : MA/JU
Sample : 05416-14
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AG7

Quant Time: Nov 28 04:32:12 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN110923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 21 23:49:43 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.664	152	2903	0.400	ng/ul	#-0.07
4) Naphthalene-d8	10.428	136	13592	0.400	ng/ul	#-0.03
9) Acenaphthene-d10	14.288	164	6407	0.400	ng/ul	#-0.02
13) Phenanthrene-d10	17.047	188	10515	0.400	ng/ul	#-0.01
17) Chrysene-d12	21.260	240	9192	0.400	ng/ul	#-0.01
23) Perylene-d12	23.531	264	10529	0.400	ng/ul	#-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.099	96	10610	3.307	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.050	152	1414	0.069	ng/ul	-0.02
18) Fluoranthene-d10	19.084	212	3255	0.110	ng/ul	-0.01
Target Compounds						Qvalue
5) Naphthalene	10.483	128	4075	0.107	ng/ul#	86
7) 2-Methylnaphthalene	12.116	142	2024	0.081	ng/ul	97
8) 1-Methylnaphthalene	12.325	142	1678	0.066	ng/ul	100
10) Acenaphthylene	14.006	152	3432	0.107	ng/ul#	89
11) Acenaphthene	14.352	153	617	0.026	ng/ul#	92
12) Fluorene	15.347	166	1682	0.061	ng/ul#	96
15) Phenanthrene	17.089	178	18919	0.586	ng/ul	98
16) Anthracene	17.178	178	5346	0.180	ng/ul#	89
19) Fluoranthene	19.112	202	60354	1.544	ng/ul	100
20) Pyrene	19.475	202	53966	1.332	ng/ul	97
21) Benzo(a)anthracene	21.245	228	25839	0.711	ng/ul	96
22) Chrysene	21.298	228	21140	0.595	ng/ul	97
24) Benzo(b)fluoranthene	22.847	252	55205	1.397	ng/ul	91
25) Benzo(k)fluoranthene	23.022	252	2546	0.062	ng/ul#	36
26) Benzo(a)pyrene	23.429	252	23051	0.618	ng/ul#	89
27) Indeno(1,2,3-cd)pyrene	25.860	276	16155	0.390	ng/ul#	88
28) Dibenzo(a,h)anthracene	25.876	278	3627	0.110	ng/ul#	46
29) Benzo(g,h,i)perylene	26.567	276	14781	0.436	ng/ul	95

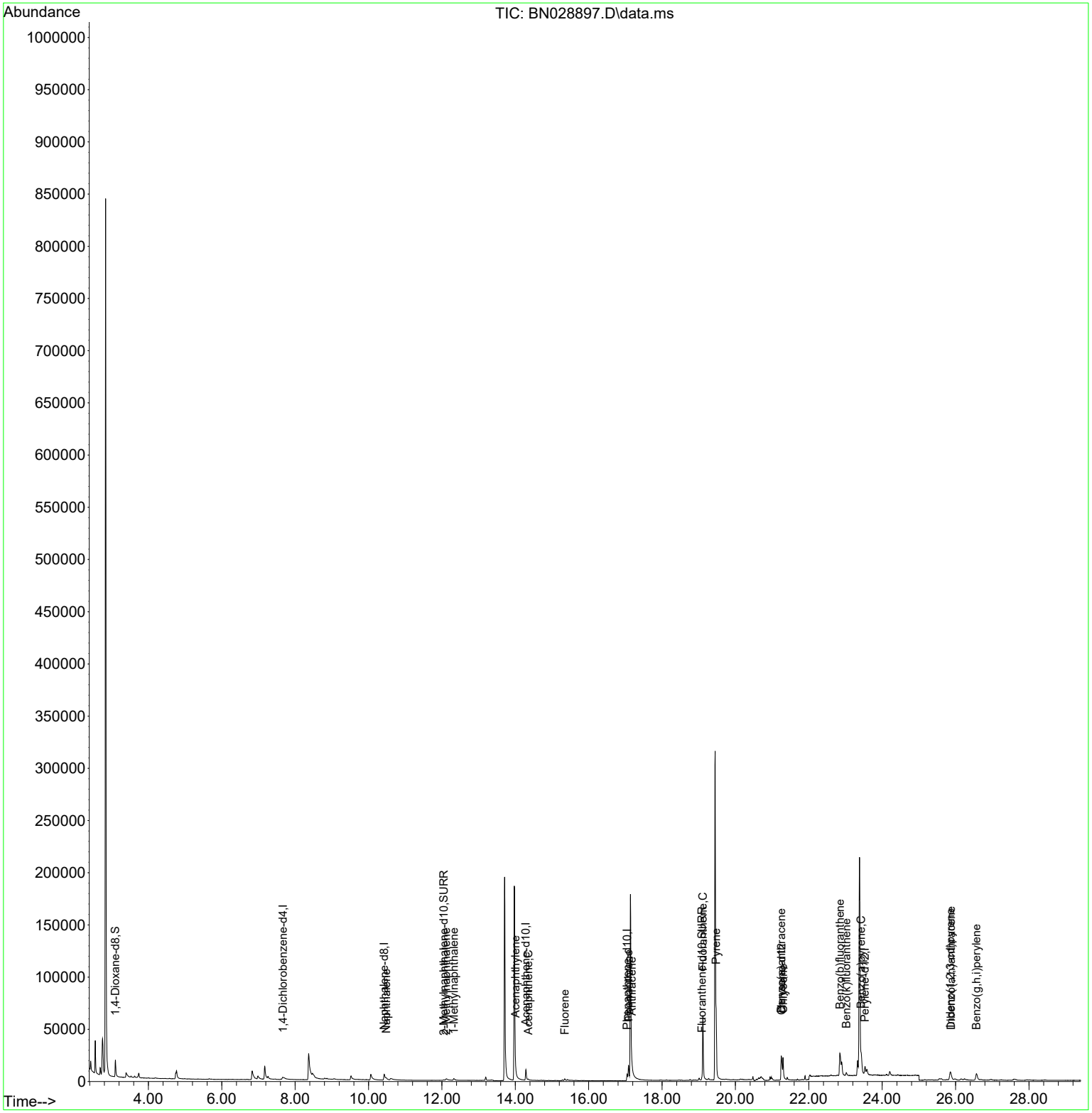
(#) = qualifier out of range (m) = manual integration (+) = signals summed

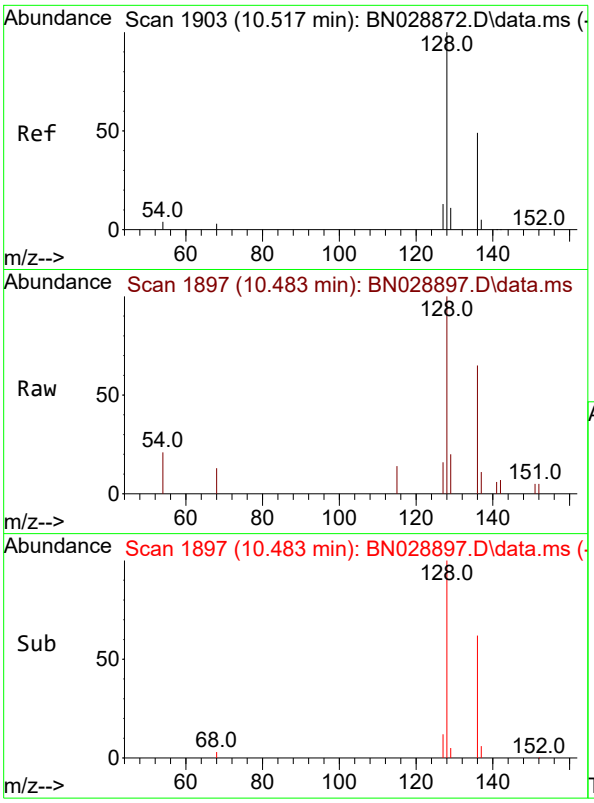
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112723\
Data File : BN028897.D
Acq On : 28 Nov 2023 02:09
Operator : MA/JU
Sample : 05416-14
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AG7

Quant Time: Nov 28 04:32:12 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN110923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 21 23:49:43 2023
Response via : Initial Calibration



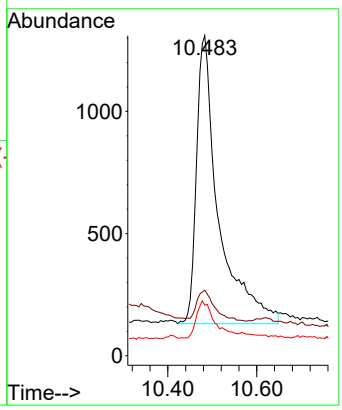


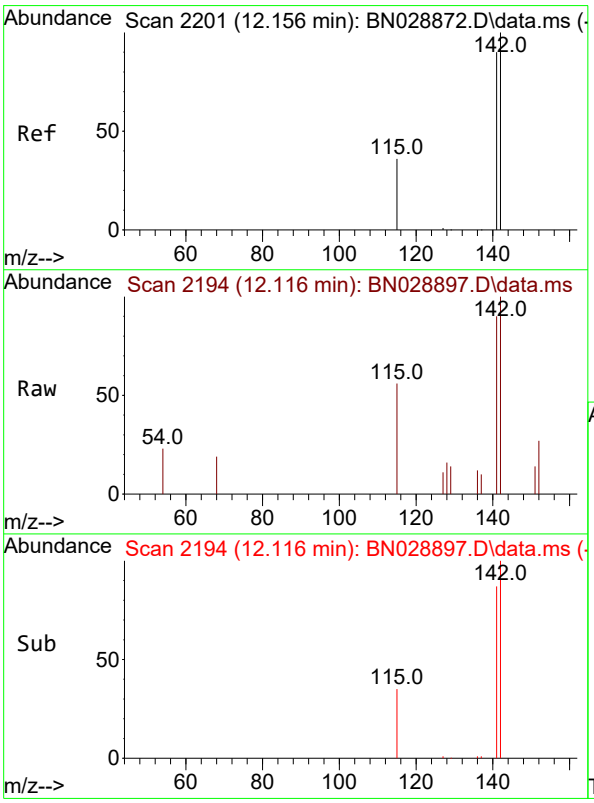
#5
Naphthalene
Concen: 0.107 ng/ul
RT: 10.483 min Scan# 1
Delta R.T. -0.023 min
Lab File: BN028897.D
Acq: 28 Nov 2023 02:09

Instrument :
BNA_N
ClientSampleId :
C0AG7

Tgt Ion:128 Resp: 4075

Ion	Ratio	Lower	Upper
128	100		
129	20.5	9.2	13.8#
127	15.8	10.7	16.1

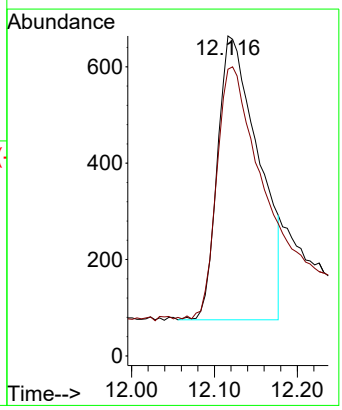


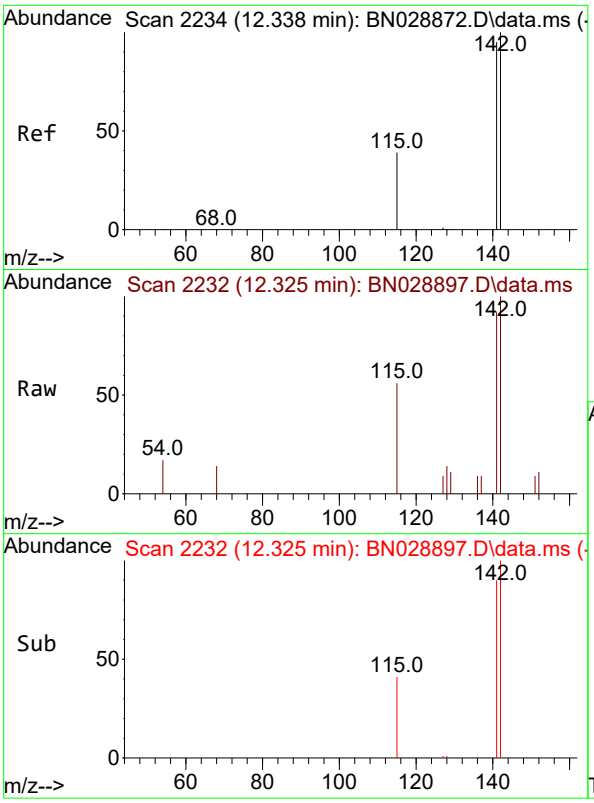


#7
2-Methylnaphthalene
Concen: 0.081 ng/ul
RT: 12.116 min Scan# 2194
Delta R.T. -0.023 min
Lab File: BN028897.D
Acq: 28 Nov 2023 02:09

Tgt Ion:142 Resp: 2024

Ion	Ratio	Lower	Upper
142	100		
141	91.2	70.8	106.2



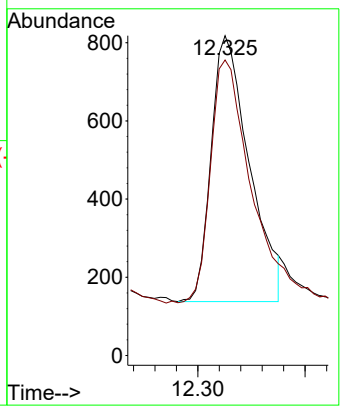


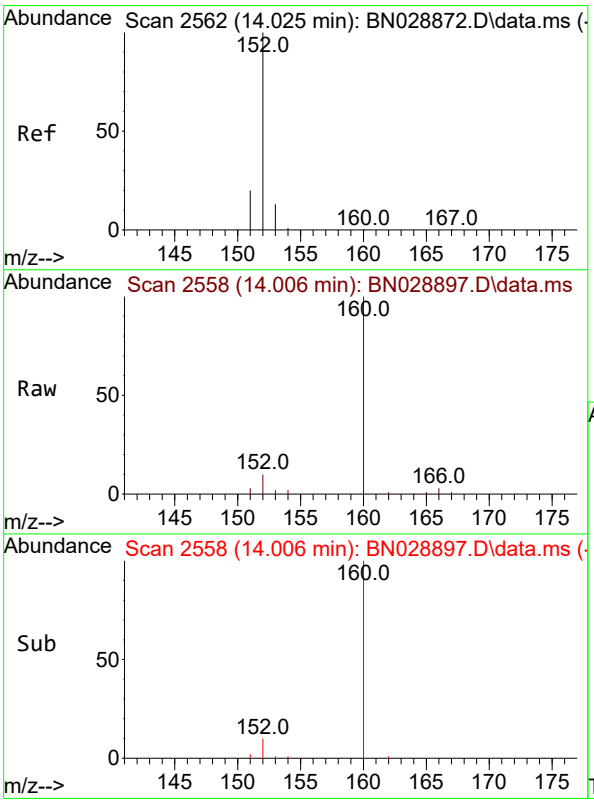
#8
1-Methylnaphthalene
Concen: 0.066 ng/ul
RT: 12.325 min Scan# 2
Delta R.T. -0.012 min
Lab File: BN028897.D
Acq: 28 Nov 2023 02:09

Instrument :
BNA_N
ClientSampleId :
C0AG7

Tgt Ion:142 Resp: 1678

Ion	Ratio	Lower	Upper
142	100		
141	92.9	74.1	111.1

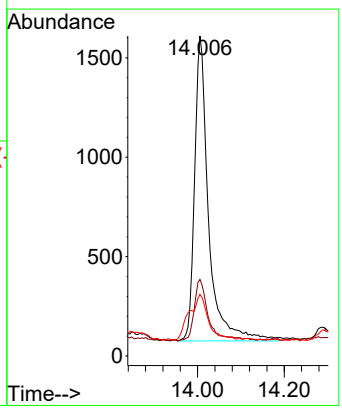


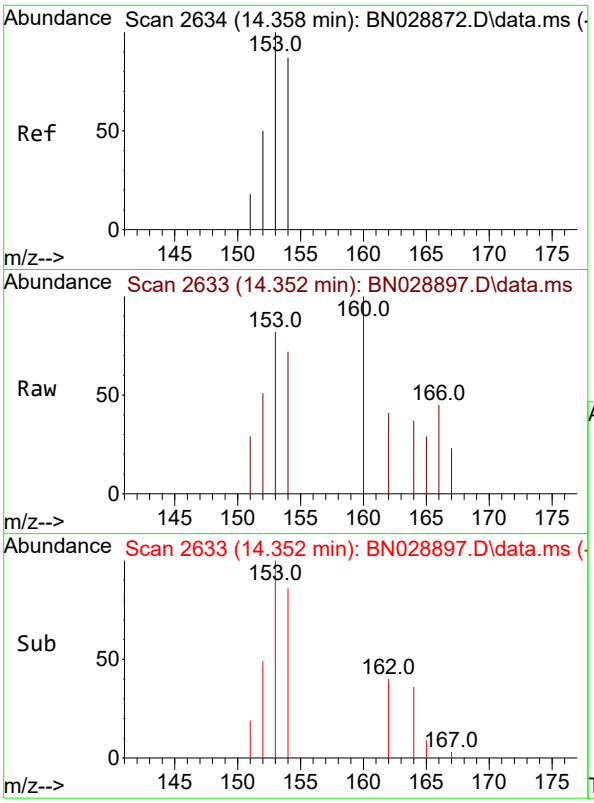


#10
Acenaphthylene
Concen: 0.107 ng/ul
RT: 14.006 min Scan# 2558
Delta R.T. -0.020 min
Lab File: BN028897.D
Acq: 28 Nov 2023 02:09

Tgt Ion:152 Resp: 3432

Ion	Ratio	Lower	Upper
152	100		
151	23.9	16.1	24.1
153	19.3	10.6	15.8#



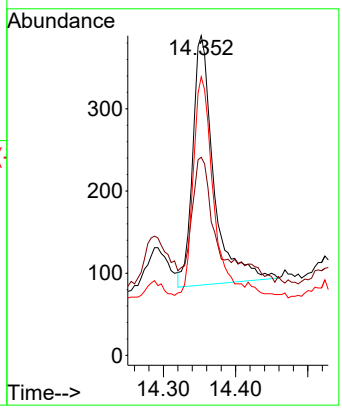


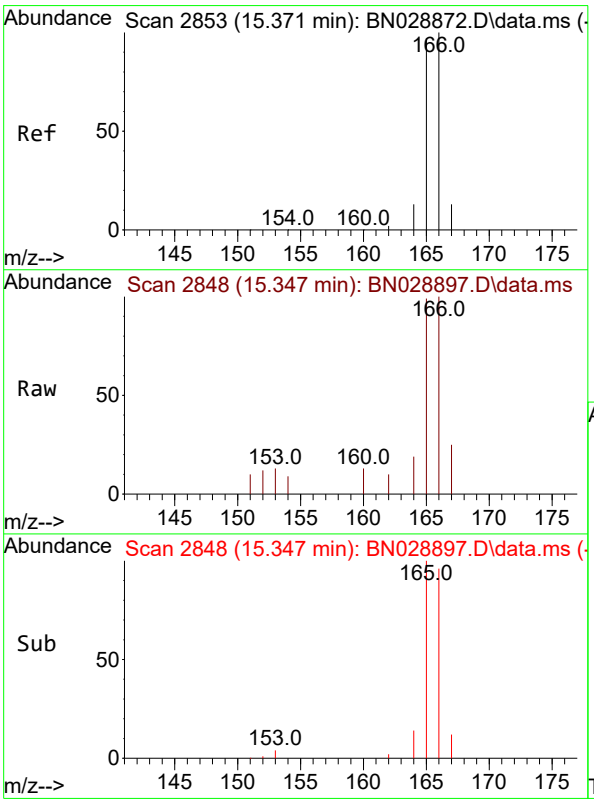
#11
Acenaphthene
Concen: 0.026 ng/ul
RT: 14.352 min Scan# 2
Delta R.T. -0.010 min
Lab File: BN028897.D
Acq: 28 Nov 2023 02:09

Instrument :
BNA_N
ClientSampleId :
C0AG7

Tgt Ion:153 Resp: 617

Ion	Ratio	Lower	Upper
153	100		
152	62.0	39.6	59.4#
154	87.1	71.0	106.6

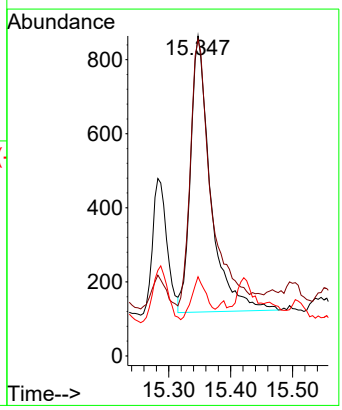


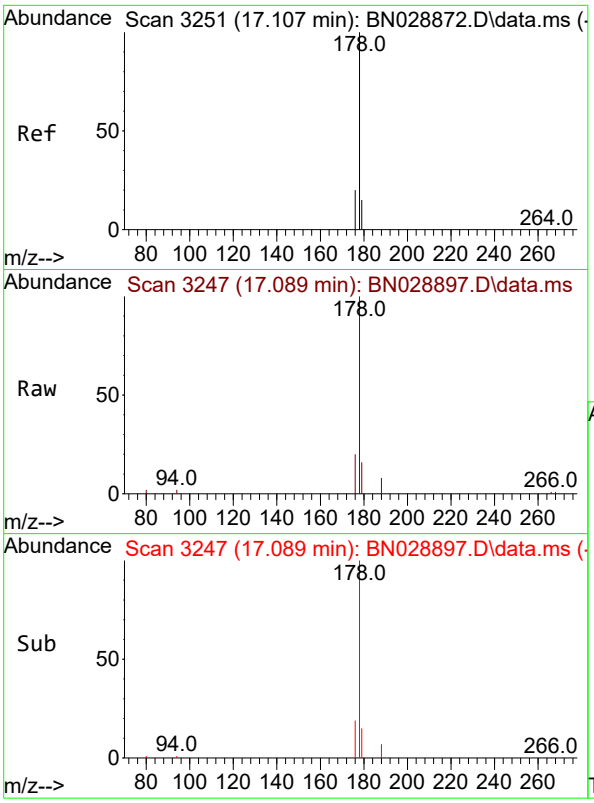


#12
Fluorene
Concen: 0.061 ng/ul
RT: 15.347 min Scan# 2848
Delta R.T. -0.020 min
Lab File: BN028897.D
Acq: 28 Nov 2023 02:09

Tgt Ion:166 Resp: 1682

Ion	Ratio	Lower	Upper
166	100		
165	98.8	78.6	118.0
167	24.8	11.0	16.6#



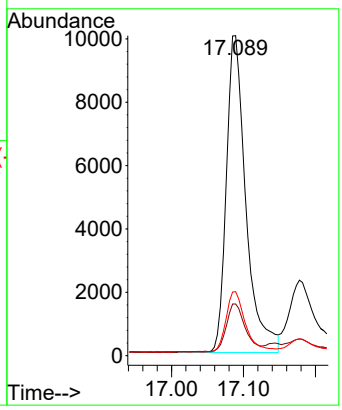


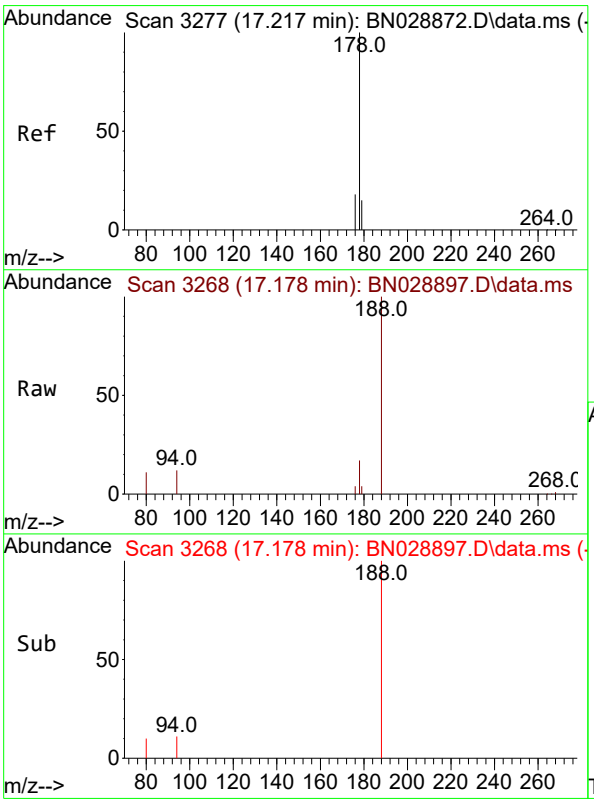
#15
Phenanthrene
Concen: 0.586 ng/ul
RT: 17.089 min Scan# 3
Delta R.T. -0.014 min
Lab File: BN028897.D
Acq: 28 Nov 2023 02:09

Instrument :
BNA_N
ClientSampleId :
C0AG7

Tgt Ion:178 Resp: 18919

Ion	Ratio	Lower	Upper
178	100		
179	16.2	12.4	18.6
176	20.0	15.4	23.2

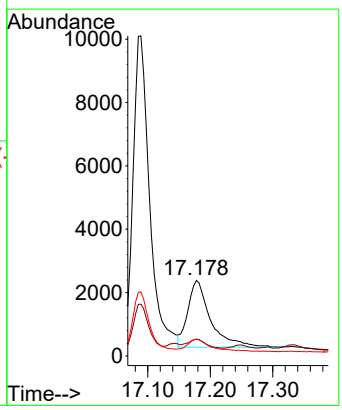


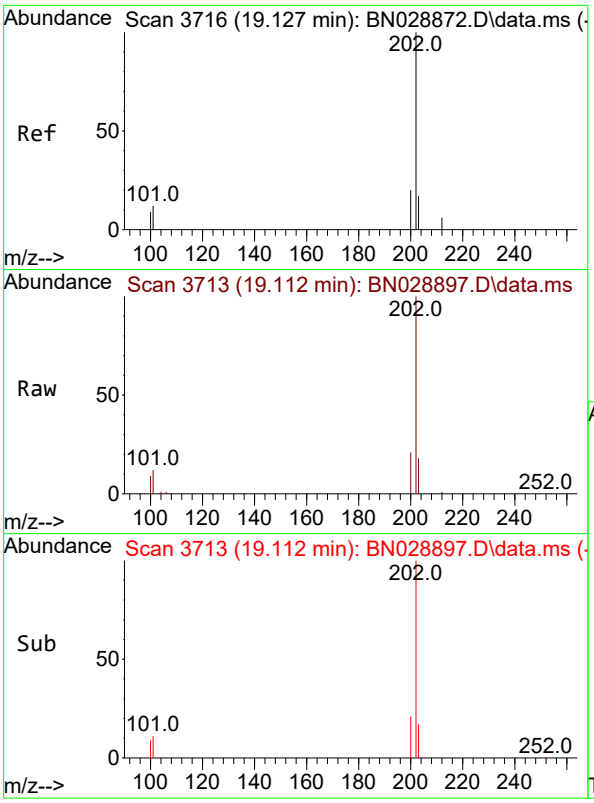


#16
Anthracene
Concen: 0.180 ng/ul
RT: 17.178 min Scan# 3268
Delta R.T. -0.027 min
Lab File: BN028897.D
Acq: 28 Nov 2023 02:09

Tgt Ion:178 Resp: 5346

Ion	Ratio	Lower	Upper
178	100		
179	22.3	12.6	18.8#
176	22.1	14.9	22.3



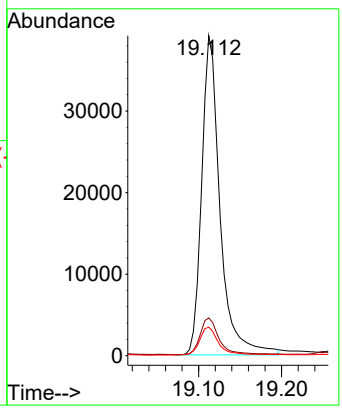


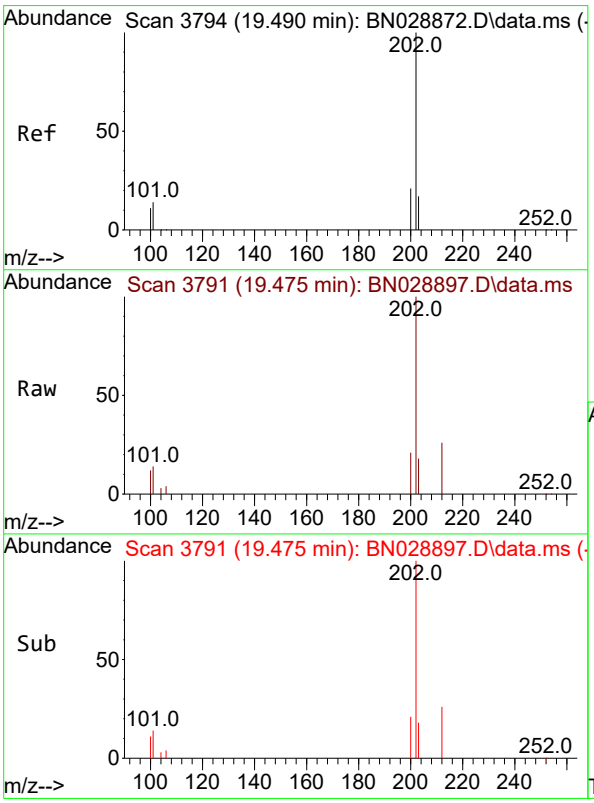
#19
Fluoranthene
Concen: 1.544 ng/ul
RT: 19.112 min Scan# 3
Delta R.T. -0.011 min
Lab File: BN028897.D
Acq: 28 Nov 2023 02:09

Instrument :
BNA_N
ClientSampleId :
C0AG7

Tgt Ion:202 Resp: 60354

Ion	Ratio	Lower	Upper
202	100		
101	11.8	9.5	14.3
100	8.9	7.2	10.8

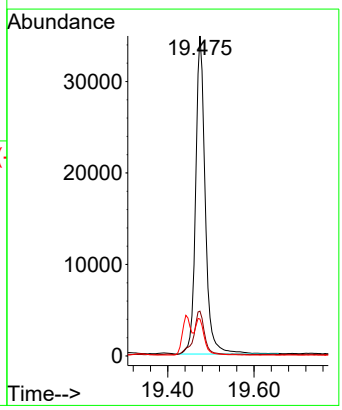


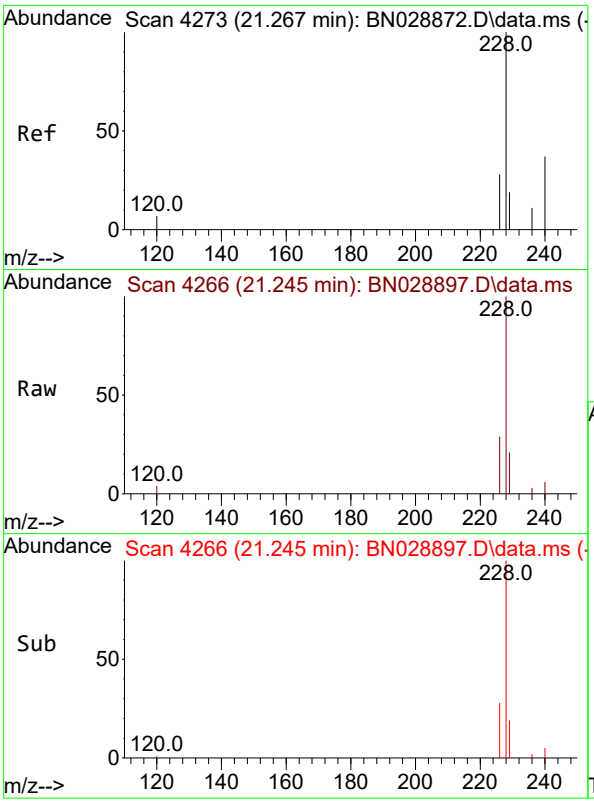


#20
Pyrene
Concen: 1.332 ng/ul
RT: 19.475 min Scan# 3791
Delta R.T. -0.011 min
Lab File: BN028897.D
Acq: 28 Nov 2023 02:09

Tgt Ion:202 Resp: 53966

Ion	Ratio	Lower	Upper
202	100		
101	14.0	10.3	15.5
100	11.6	8.2	12.2



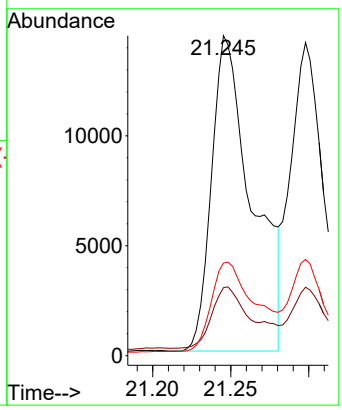


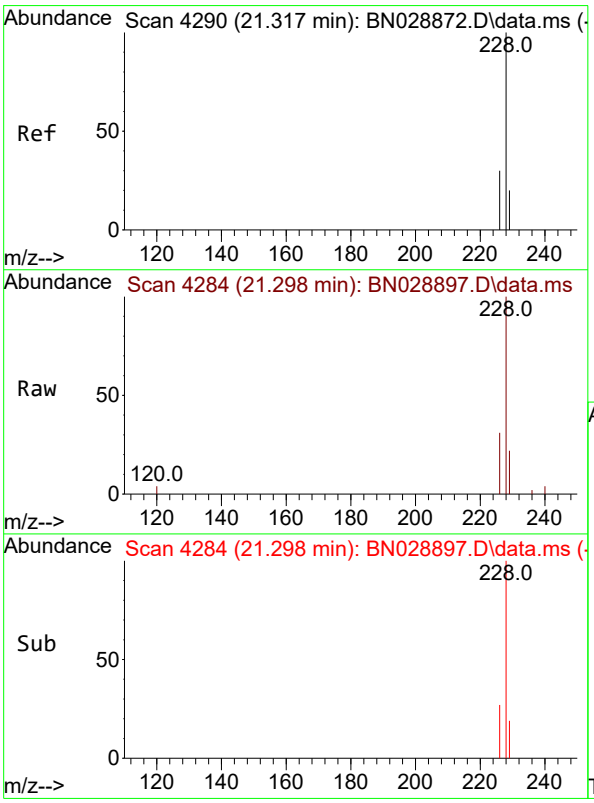
#21
Benzo(a)anthracene
Concen: 0.711 ng/ul
RT: 21.245 min Scan# 4
Delta R.T. -0.010 min
Lab File: BN028897.D
Acq: 28 Nov 2023 02:09

Instrument :
BNA_N
ClientSampleId :
C0AG7

Tgt Ion:228 Resp: 25839

Ion	Ratio	Lower	Upper
228	100		
229	21.3	15.7	23.5
226	29.0	21.4	32.0

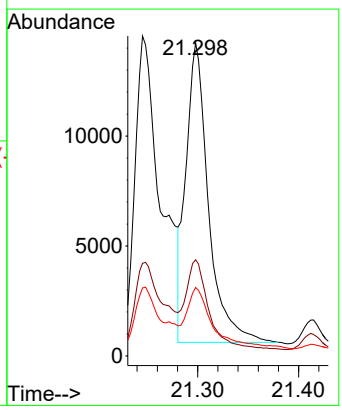


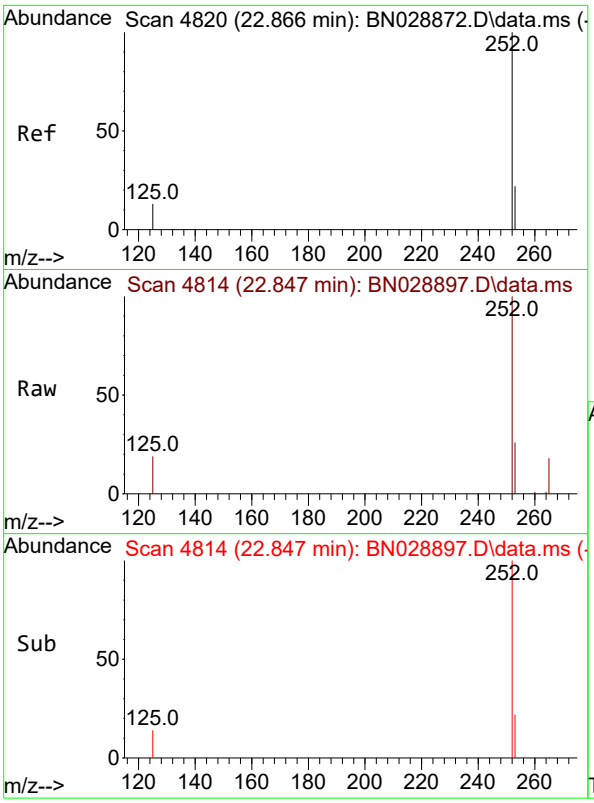


#22
Chrysene
Concen: 0.595 ng/ul
RT: 21.298 min Scan# 4284
Delta R.T. -0.007 min
Lab File: BN028897.D
Acq: 28 Nov 2023 02:09

Tgt Ion:228 Resp: 21140

Ion	Ratio	Lower	Upper
228	100		
226	30.7	23.8	35.8
229	21.9	15.4	23.2



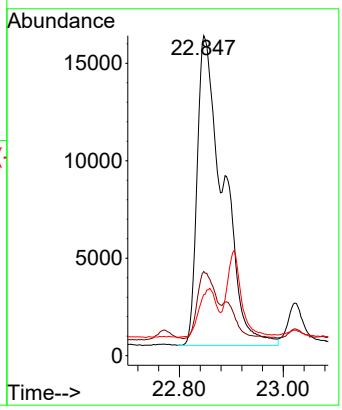


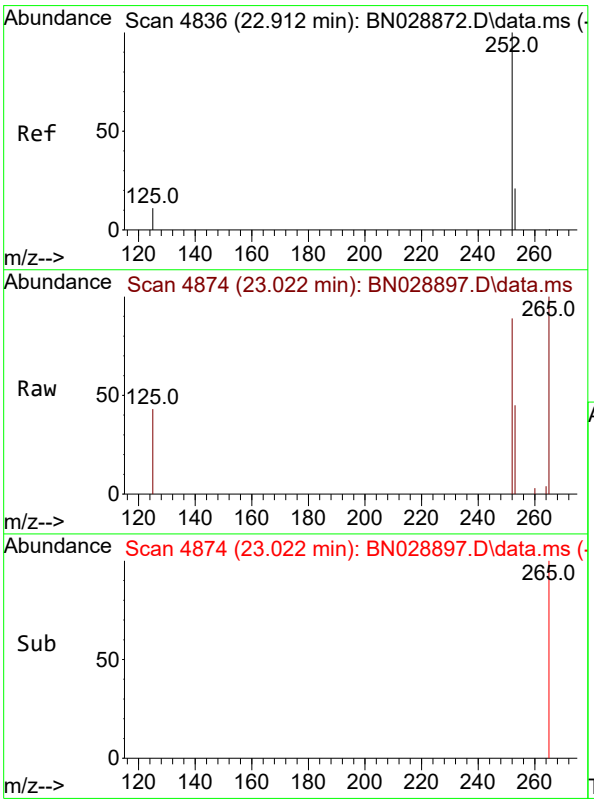
#24
Benzo(b)fluoranthene
Concen: 1.397 ng/ul
RT: 22.847 min Scan# 4
Delta R.T. -0.007 min
Lab File: BN028897.D
Acq: 28 Nov 2023 02:09

Instrument :
BNA_N
ClientSampleId :
C0AG7

Tgt Ion:252 Resp: 55205

Ion	Ratio	Lower	Upper
252	100		
253	26.3	0.0	46.6
125	19.1	0.0	27.6

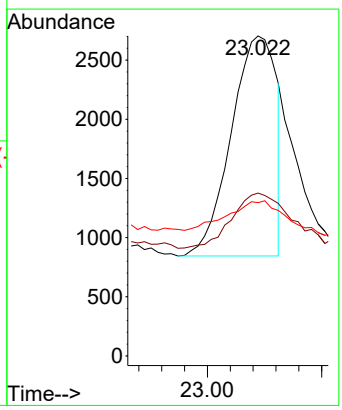


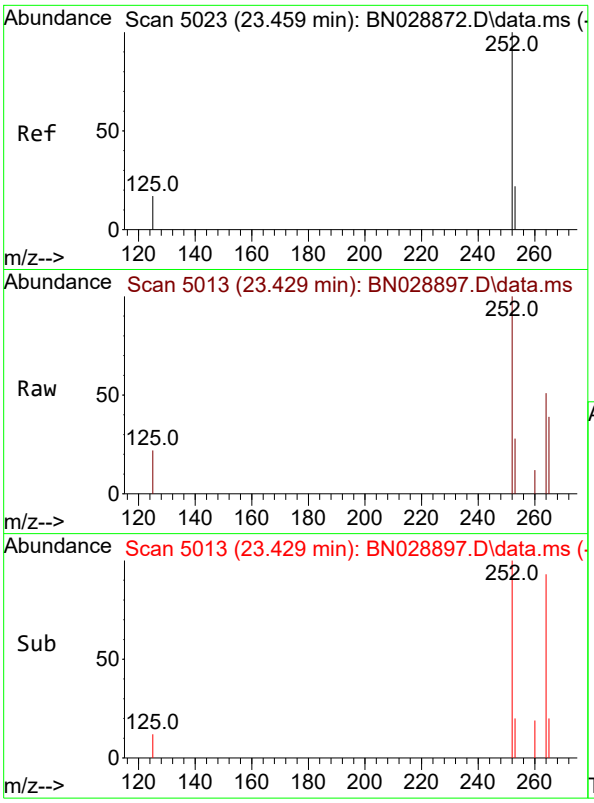


#25
Benzo(k)fluoranthene
Concen: 0.062 ng/ul
RT: 23.022 min Scan# 4874
Delta R.T. 0.119 min
Lab File: BN028897.D
Acq: 28 Nov 2023 02:09

Tgt Ion:252 Resp: 2546

Ion	Ratio	Lower	Upper
252	100		
253	50.9	18.6	28.0#
125	47.9	12.7	19.1#



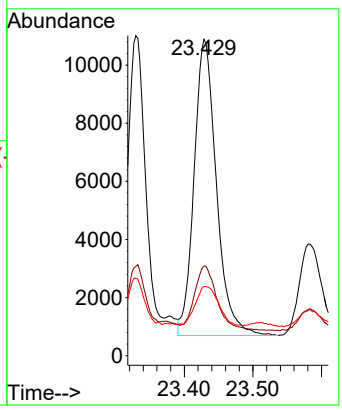


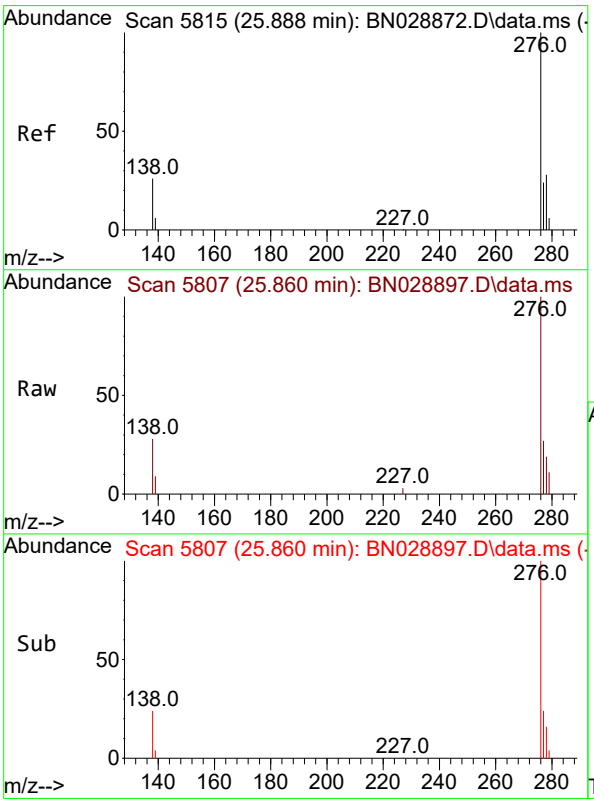
#26
Benzo(a)pyrene
Concen: 0.618 ng/ul
RT: 23.429 min Scan# 5
Delta R.T. -0.016 min
Lab File: BN028897.D
Acq: 28 Nov 2023 02:09

Instrument :
BNA_N
ClientSampleId :
C0AG7

Tgt Ion:252 Resp: 23051

Ion	Ratio	Lower	Upper
252	100		
253	28.3	19.0	28.6
125	21.8	13.2	19.8#

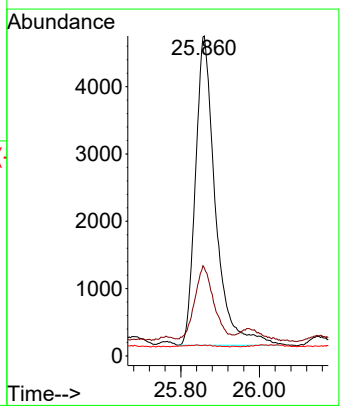


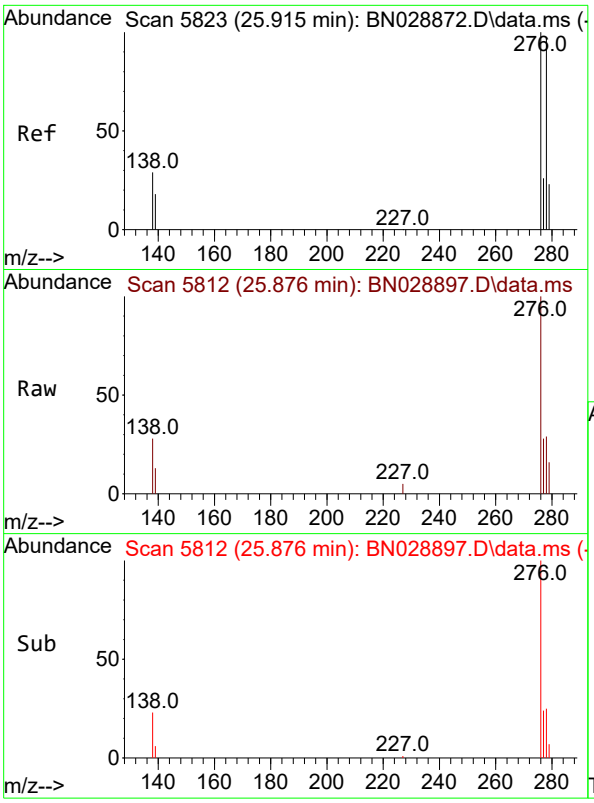


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.390 ng/ul
RT: 25.860 min Scan# 5807
Delta R.T. -0.015 min
Lab File: BN028897.D
Acq: 28 Nov 2023 02:09

Tgt Ion:276 Resp: 16155

Ion	Ratio	Lower	Upper
276	100		
138	23.4	23.8	35.6#
227	0.2	0.1	0.1#



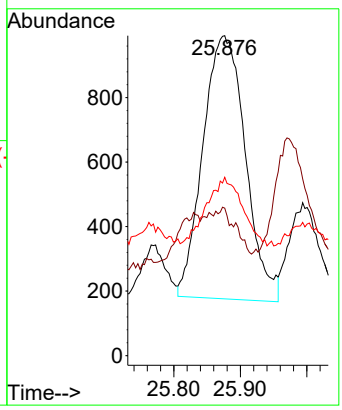


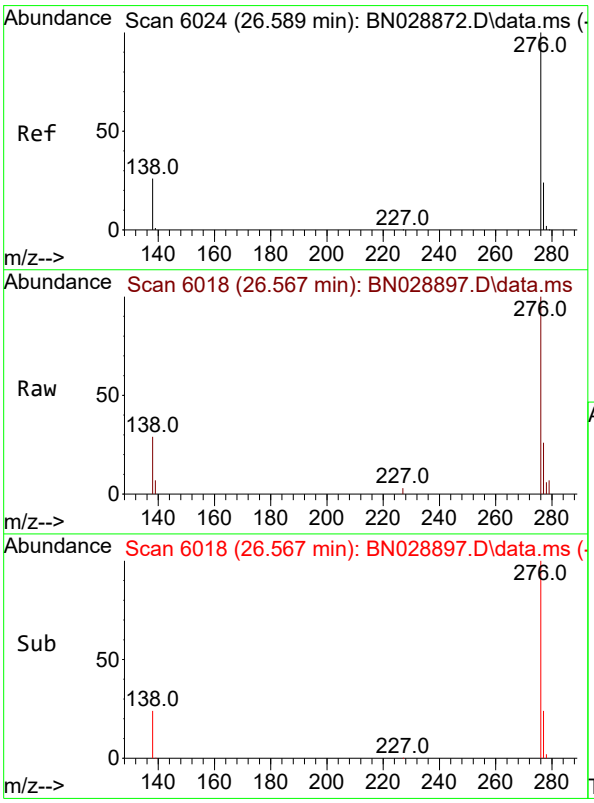
#28
Dibenzo(a,h)anthracene
Concen: 0.110 ng/ul
RT: 25.876 min Scan# 5
Delta R.T. -0.021 min
Lab File: BN028897.D
Acq: 28 Nov 2023 02:09

Instrument :
BNA_N
ClientSampleId :
C0AG7

Tgt Ion:278 Resp: 3627

Ion	Ratio	Lower	Upper
278	100		
139	46.1	18.2	27.4#
279	55.7	20.7	31.1#





#29
Benzo(g,h,i)perylene
Concen: 0.436 ng/ul
RT: 26.567 min Scan# 6018
Delta R.T. -0.011 min
Lab File: BN028897.D
Acq: 28 Nov 2023 02:09

Tgt Ion:276 Resp: 14781

Ion	Ratio	Lower	Upper
276	100		
138	28.6	20.5	30.7
277	26.3	19.4	29.0