Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050923\
Data File : BM039887.D
Acq On : 09 May 2023 10:58
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD0.4103

Quant Time: May 10 00:26:08 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM042723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 09 12:11:48 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.796	152	1599	0.400	ng/ul	0.00
4) Naphthalene-d8	10.588	136	5928	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.431	164	3391	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.194	188	6942	0.400	ng/ul	0.00
17) Chrysene-d12	21.394	240	7132	0.400	ng/ul	0.00
23) Perylene-d12	23.741	264	6946	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.172	96	916	0.389	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.188	152	2902	0.382	ng/ul	0.00
18) Fluoranthene-d10	19.228	212	6893	0.359	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.210	88	950	0.389	ng/ul	88
5) Naphthalene	10.638	128	5638	0.379	ng/ul	95
7) 2-Methylnaphthalene	12.265	142	3257	0.379	ng/ul	100
8) 1-Methylnaphthalene	12.474	142	3442	0.373	ng/ul	100
10) Acenaphthylene	14.158	152	5335	0.406	ng/ul	97
11) Acenaphthene	14.496	153	3996	0.388	ng/ul	99
12) Fluorene	15.495	166	4457	0.390	ng/ul	97
14) Pentachlorophenol	16.878	266	793	0.524	ng/ul	95
15) Phenanthrene	17.237	178	6914	0.378	ng/ul	98
16) Anthracene	17.334	178	6112	0.389	ng/ul	98
19) Fluoranthene	19.256	202	8953	0.352	ng/ul	96
20) Pyrene	19.623	202	10256	0.373	ng/ul	97
21) Benzo(a)anthracene	21.379	228	8460	0.413	ng/ul	96
22) Chrysene	21.432	228	9377	0.404	ng/ul	98
24) Benzo(b)fluoranthene	23.028	252	9875	0.405	ng/ul	92
25) Benzo(k)fluoranthene	23.074	252	9823	0.395	ng/ul#	92
26) Benzo(a)pyrene	23.639	252	8050	0.368	ng/ul#	91
27) Indeno(1,2,3-cd)pyrene	26.171	276	11255	0.406	ng/ul#	97
28) Dibenzo(a,h)anthracene	26.181	278	8883	0.413	ng/ul	96
29) Benzo(g,h,i)perylene	26.922	276	9625	0.399	ng/ul	97

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

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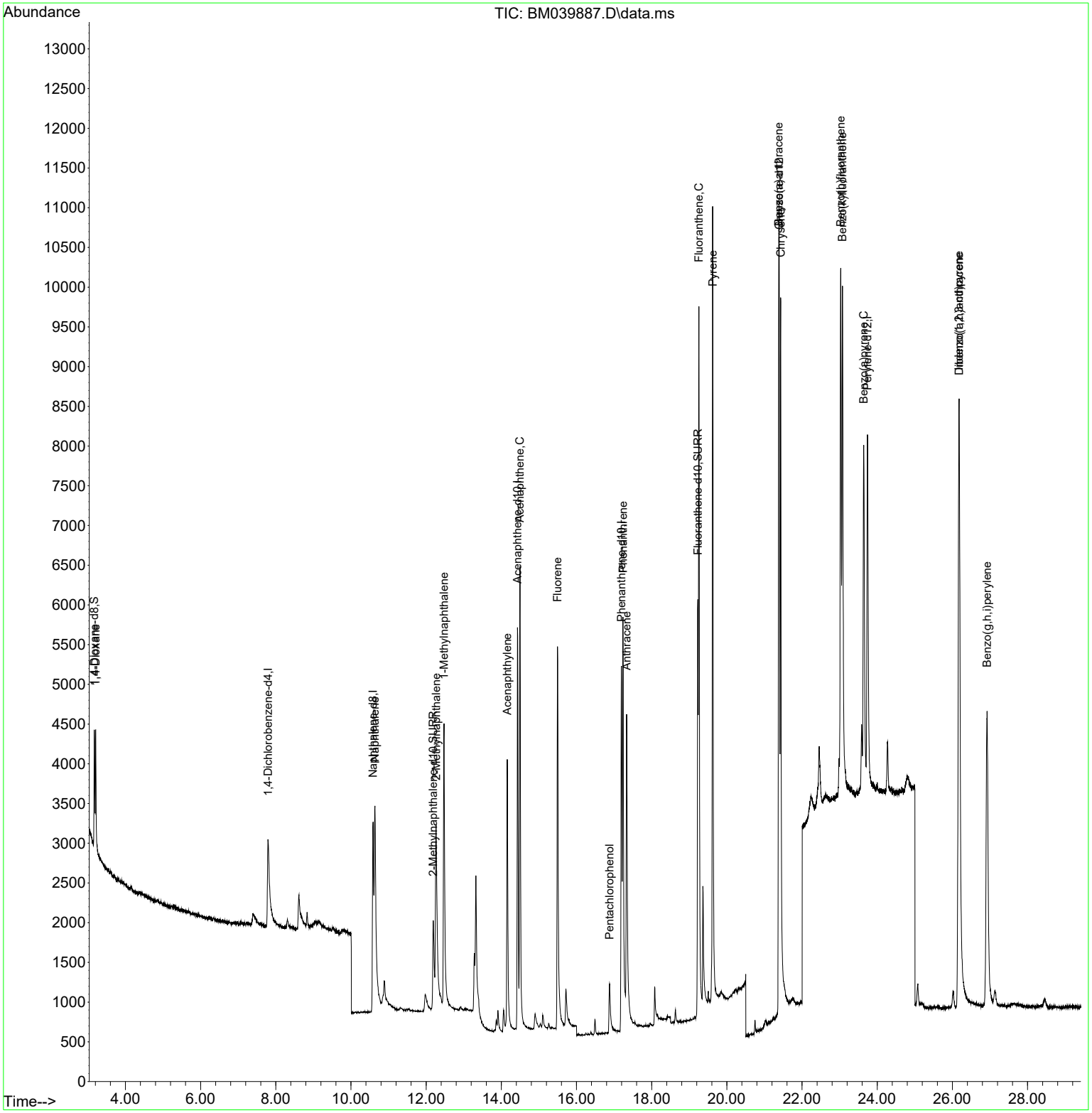
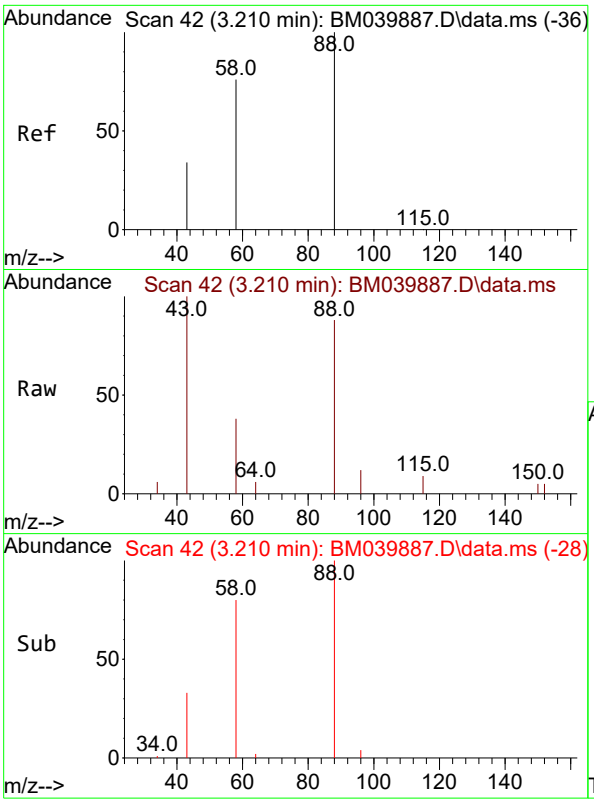


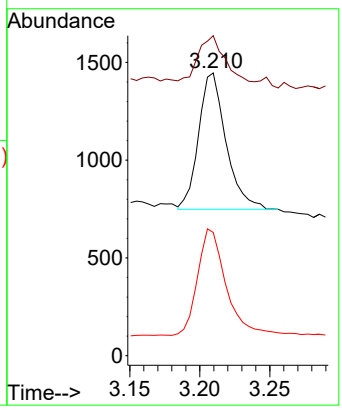


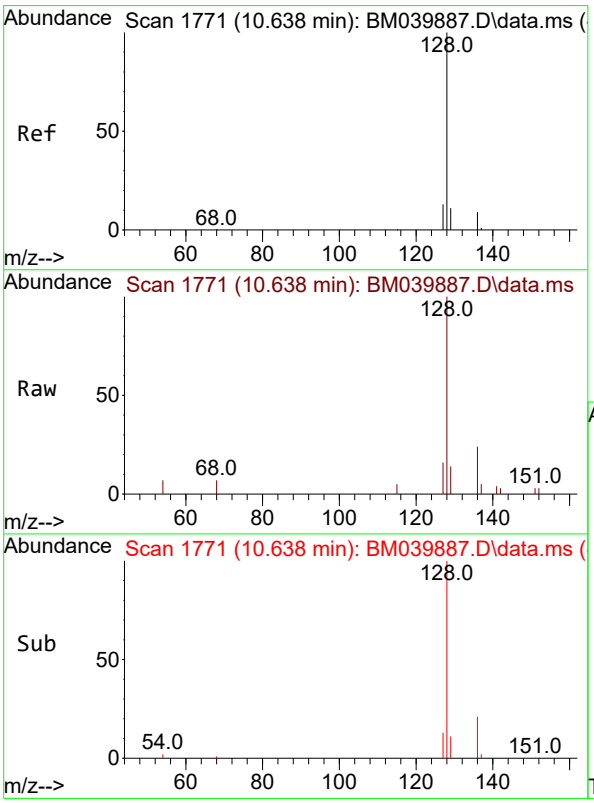
#2
1,4-Dioxane
Concen: 0.389 ng/ul
RT: 3.210 min Scan# 4
Delta R.T. 0.000 min
Lab File: BM039887.D
Acq: 09 May 2023 10:58

Instrument :
BNA_M
ClientSampleId :
SSTD0.4103

Tgt Ion: 88 Resp: 950

Ion	Ratio	Lower	Upper
88	100		
43	113.2	102.6	153.8
58	43.6	40.6	61.0

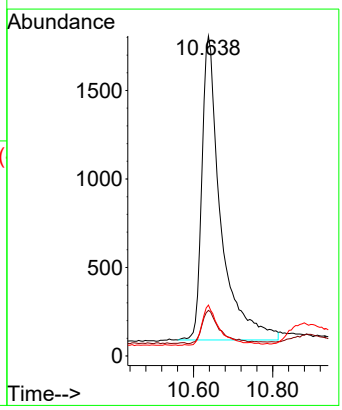


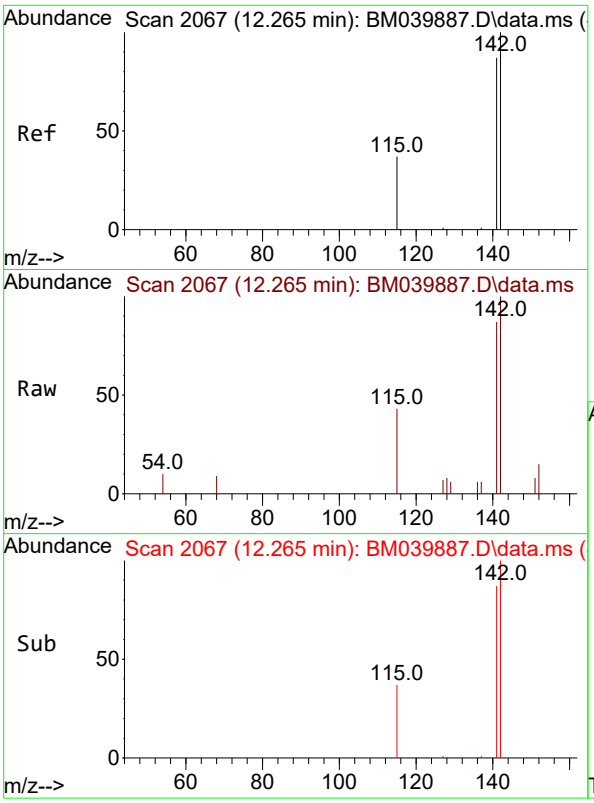


#5
Naphthalene
Concen: 0.379 ng/ul
RT: 10.638 min Scan# 1771
Delta R.T. 0.000 min
Lab File: BM039887.D
Acq: 09 May 2023 10:58

Tgt Ion:128 Resp: 5638

Ion	Ratio	Lower	Upper
128	100		
129	14.3	9.8	14.6
127	15.9	11.1	16.7



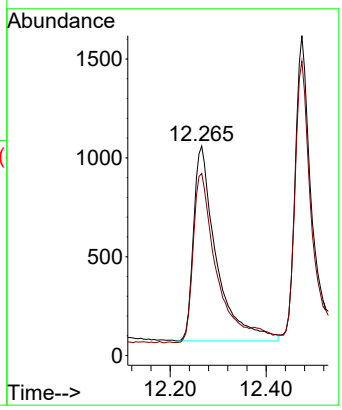


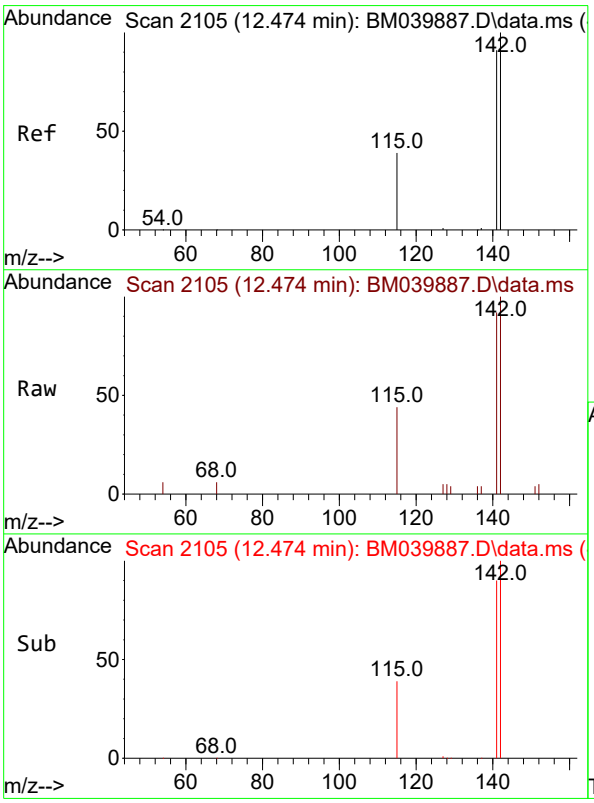
#7
2-Methylnaphthalene
Concen: 0.379 ng/ul
RT: 12.265 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM039887.D
Acq: 09 May 2023 10:58

Instrument :
BNA_M
ClientSampleId :
SSTD0.4103

Tgt Ion:142 Resp: 3257

Ion	Ratio	Lower	Upper
142	100		
141	91.8	73.2	109.8

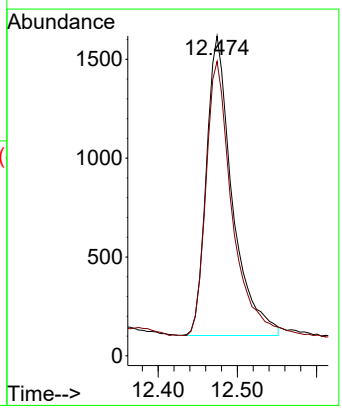


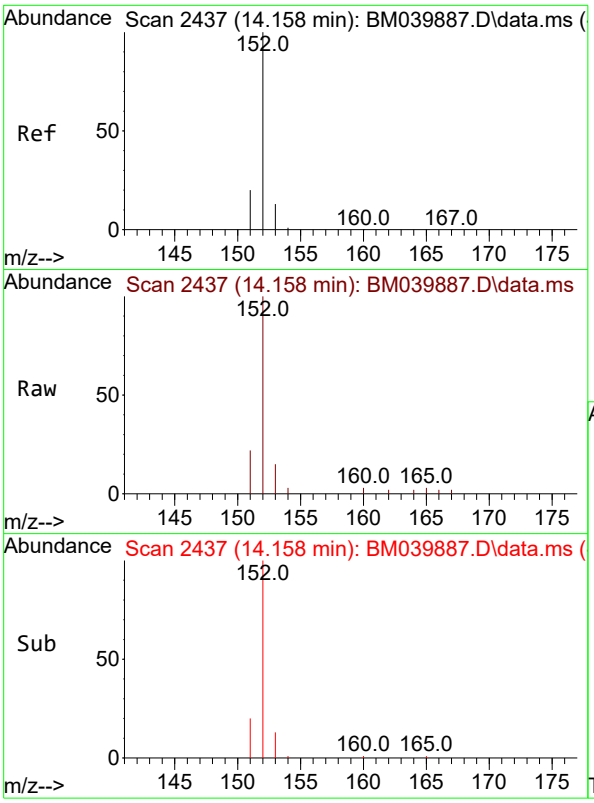


#8
1-Methylnaphthalene
Concen: 0.373 ng/ul
RT: 12.474 min Scan# 2105
Delta R.T. 0.000 min
Lab File: BM039887.D
Acq: 09 May 2023 10:58

Tgt Ion:142 Resp: 3442

Ion	Ratio	Lower	Upper
142	100		
141	91.4	73.4	110.2



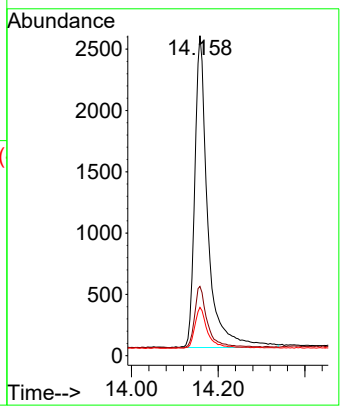


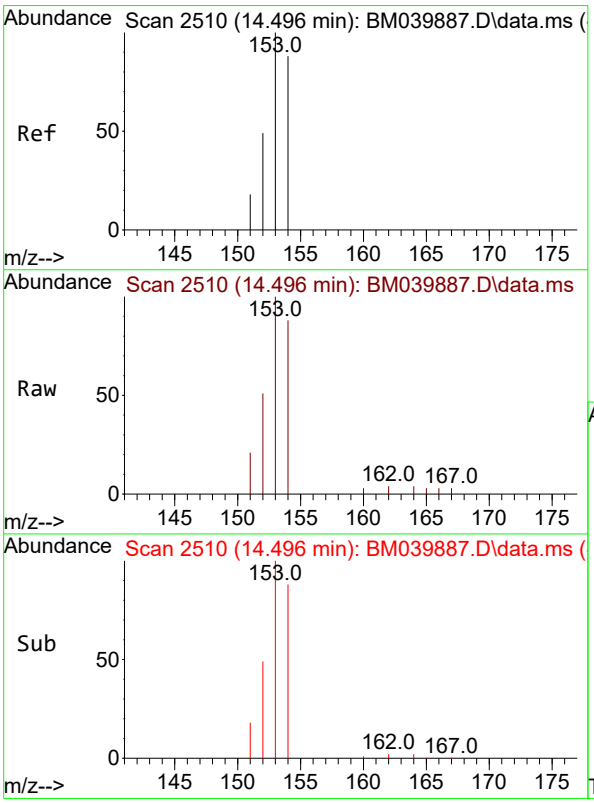
#10
Acenaphthylene
Concen: 0.406 ng/ul
RT: 14.158 min Scan# 24
Delta R.T. 0.000 min
Lab File: BM039887.D
Acq: 09 May 2023 10:58

Instrument :
BNA_M
ClientSampleId :
SSTD0.4103

Tgt Ion:152 Resp: 5335

Ion	Ratio	Lower	Upper
152	100		
151	21.6	16.0	24.0
153	15.1	11.2	16.8

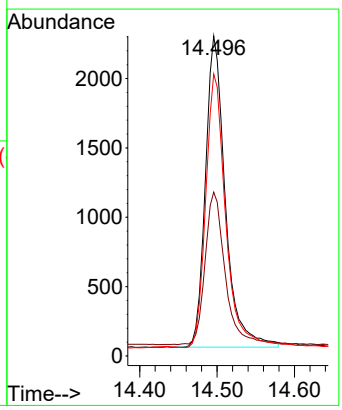


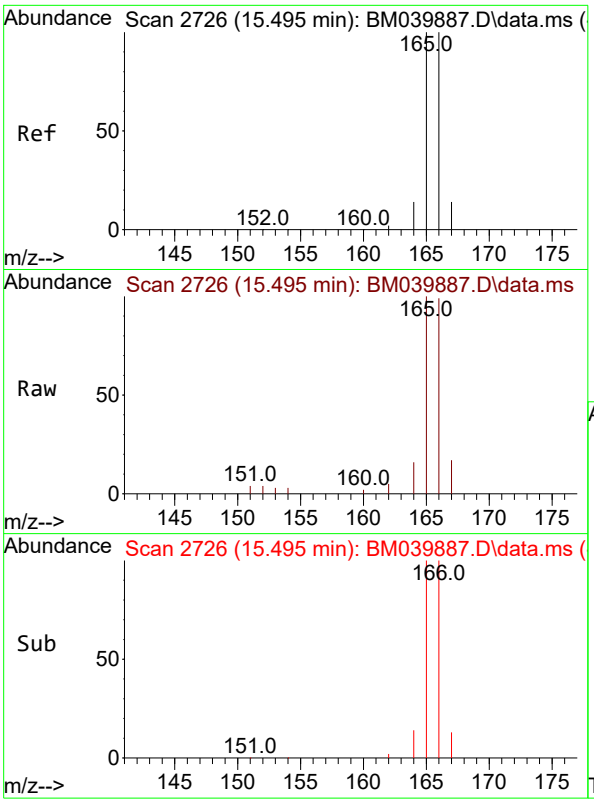


#11
Acenaphthene
Concen: 0.388 ng/ul
RT: 14.496 min Scan# 2510
Delta R.T. 0.000 min
Lab File: BM039887.D
Acq: 09 May 2023 10:58

Tgt Ion:153 Resp: 3996

Ion	Ratio	Lower	Upper
153	100		
152	51.2	40.6	61.0
154	88.1	71.9	107.9



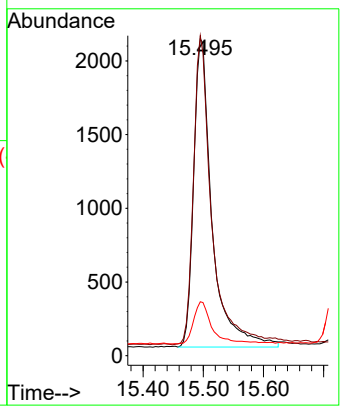


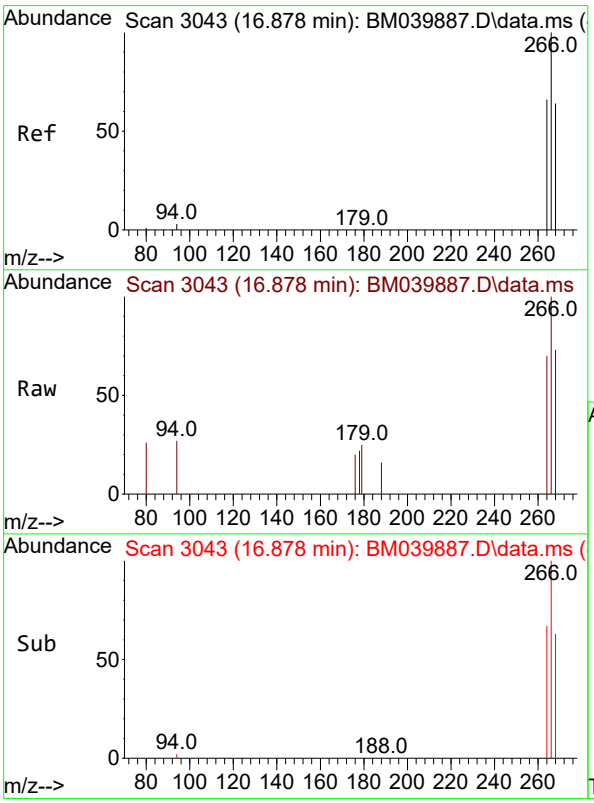
#12
Fluorene
Concen: 0.390 ng/ul
RT: 15.495 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM039887.D
Acq: 09 May 2023 10:58

Instrument :
BNA_M
ClientSampleId :
SSTD0.4103

Tgt Ion:166 Resp: 4457

Ion	Ratio	Lower	Upper
166	100		
165	101.0	79.0	118.6
167	17.0	11.8	17.6

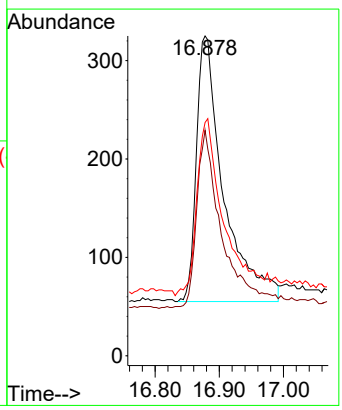


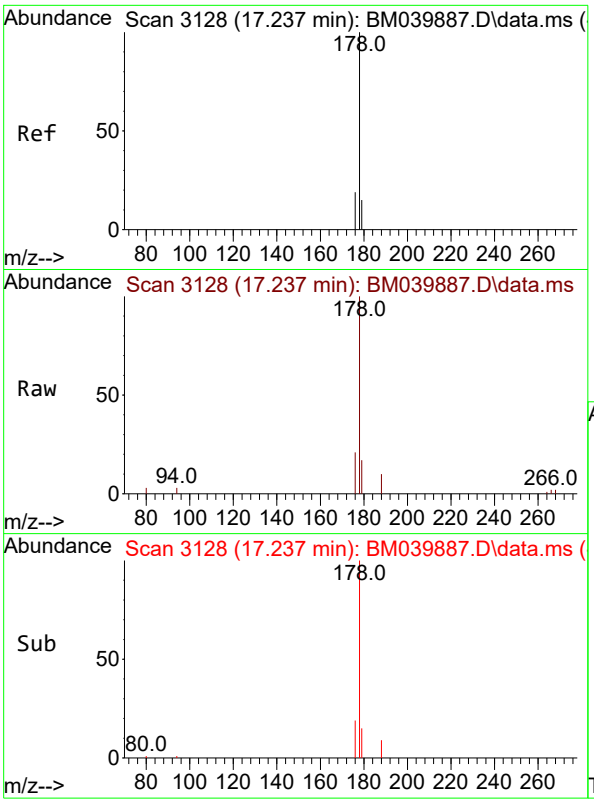


#14
Pentachlorophenol
Concen: 0.524 ng/ul
RT: 16.878 min Scan# 3043
Delta R.T. 0.000 min
Lab File: BM039887.D
Acq: 09 May 2023 10:58

Tgt Ion:266 Resp: 793

Ion	Ratio	Lower	Upper
266	100		
264	62.5	48.8	73.2
268	68.6	50.4	75.6



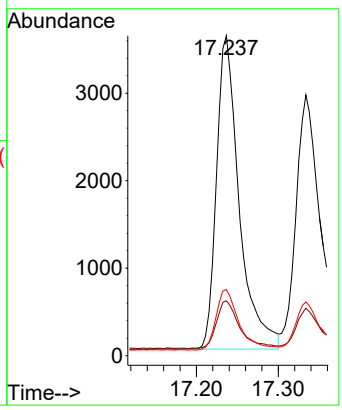


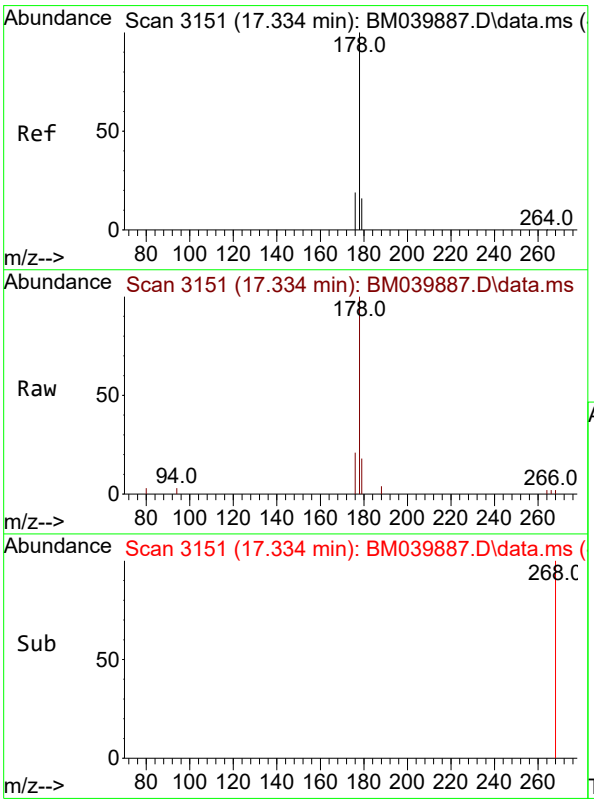
#15
Phenanthrene
Concen: 0.378 ng/ul
RT: 17.237 min Scan# 3
Delta R.T. 0.000 min
Lab File: BM039887.D
Acq: 09 May 2023 10:58

Instrument :
BNA_M
ClientSampleId :
SSTD0.4103

Tgt Ion:178 Resp: 6914

Ion	Ratio	Lower	Upper
178	100		
179	17.2	13.0	19.6
176	20.6	15.8	23.8

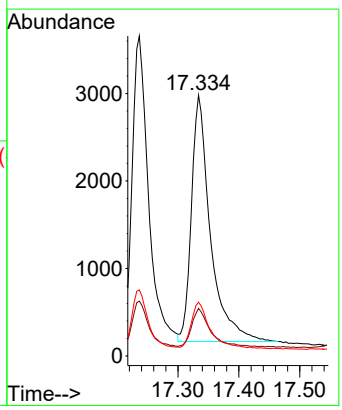


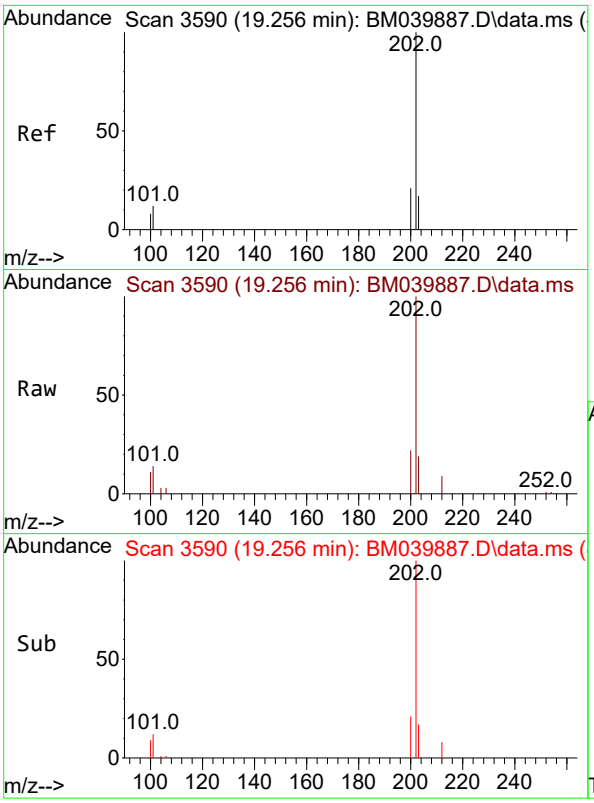


#16
Anthracene
Concen: 0.389 ng/ul
RT: 17.334 min Scan# 3151
Delta R.T. 0.000 min
Lab File: BM039887.D
Acq: 09 May 2023 10:58

Tgt Ion:178 Resp: 6112

Ion	Ratio	Lower	Upper
178	100		
179	18.2	13.8	20.6
176	20.6	15.8	23.8



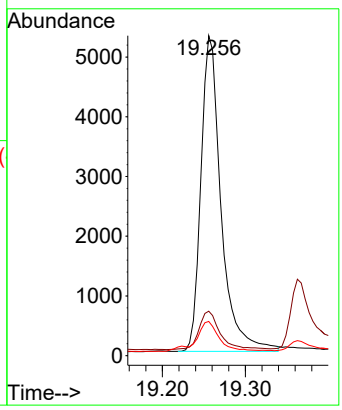


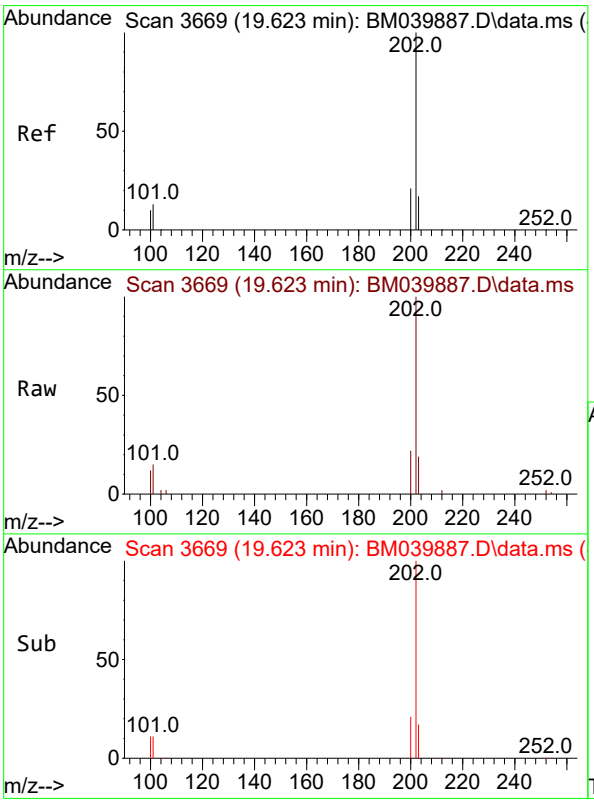
#19
Fluoranthene
Concen: 0.352 ng/ul
RT: 19.256 min Scan# 3
Delta R.T. 0.000 min
Lab File: BM039887.D
Acq: 09 May 2023 10:58

Instrument :
BNA_M
ClientSampleId :
SSTD0.4103

Tgt Ion:202 Resp: 8953

Ion	Ratio	Lower	Upper
202	100		
101	13.9	9.8	14.8
100	10.7	7.3	10.9

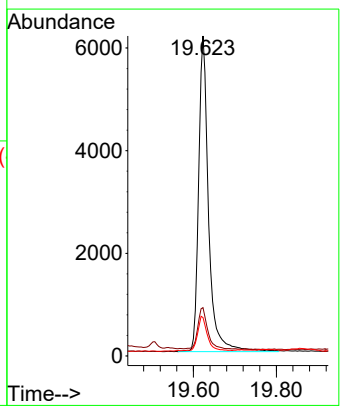


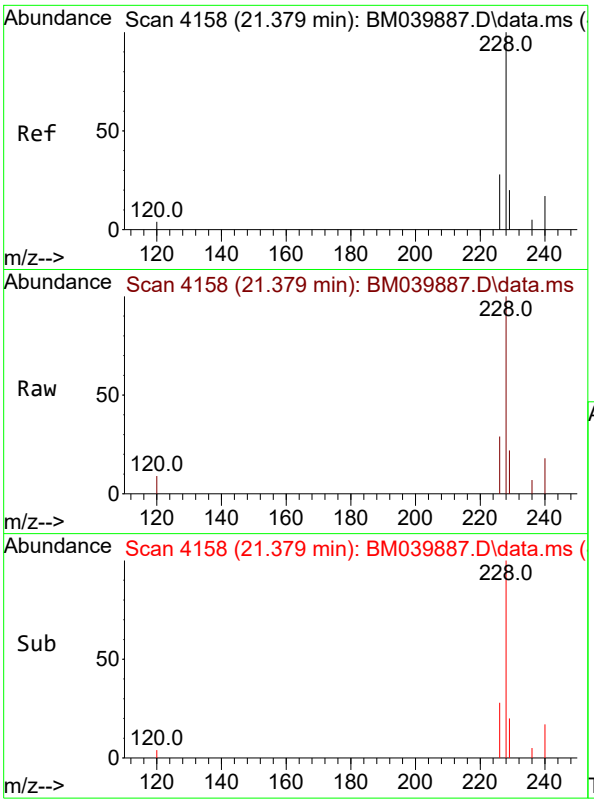


#20
Pyrene
Concen: 0.373 ng/ul
RT: 19.623 min Scan# 3669
Delta R.T. 0.000 min
Lab File: BM039887.D
Acq: 09 May 2023 10:58

Tgt Ion:202 Resp: 10256

Ion	Ratio	Lower	Upper
202	100		
101	15.1	10.9	16.3
100	12.0	8.9	13.3



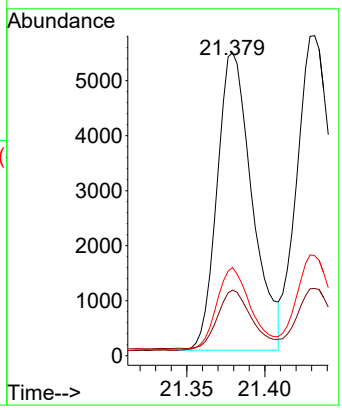


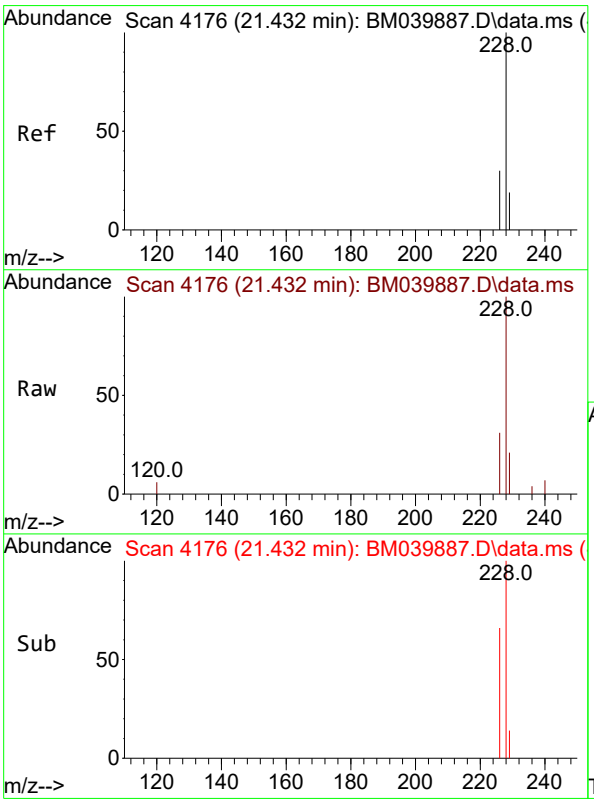
#21
Benzo(a)anthracene
Concen: 0.413 ng/ul
RT: 21.379 min Scan# 4
Delta R.T. 0.000 min
Lab File: BM039887.D
Acq: 09 May 2023 10:58

Instrument :
BNA_M
ClientSampleId :
SSTD0.4103

Tgt Ion:228 Resp: 8460

Ion	Ratio	Lower	Upper
228	100		
229	21.7	16.2	24.2
226	29.1	21.6	32.4

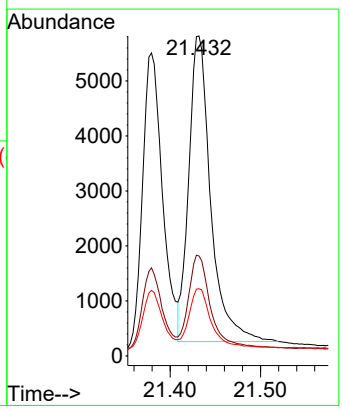


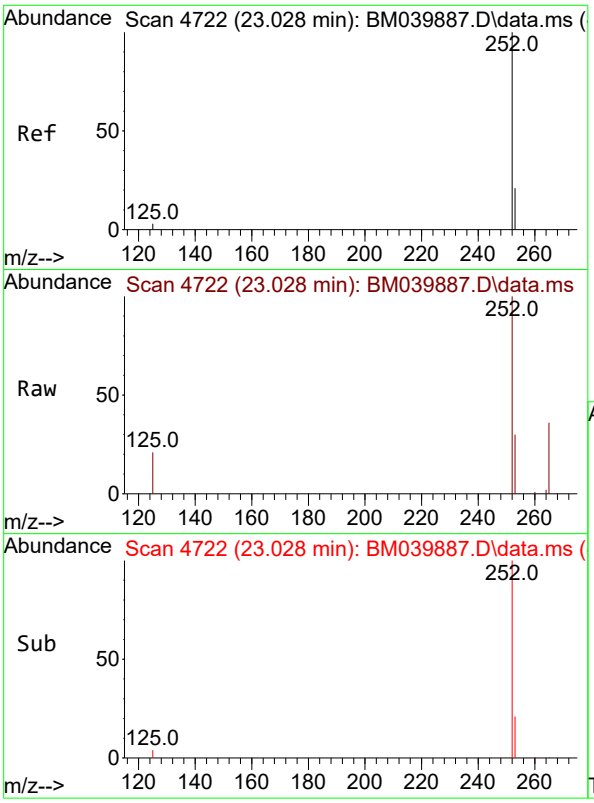


#22
Chrysene
Concen: 0.404 ng/ul
RT: 21.432 min Scan# 4176
Delta R.T. 0.000 min
Lab File: BM039887.D
Acq: 09 May 2023 10:58

Tgt Ion:228 Resp: 9377

Ion	Ratio	Lower	Upper
228	100		
226	31.3	24.3	36.5
229	21.0	15.9	23.9



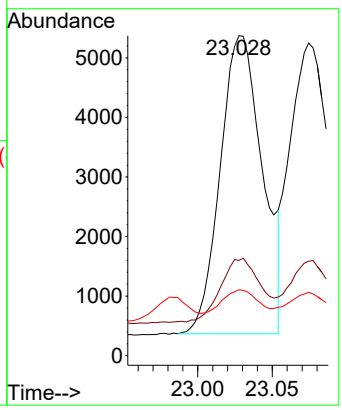


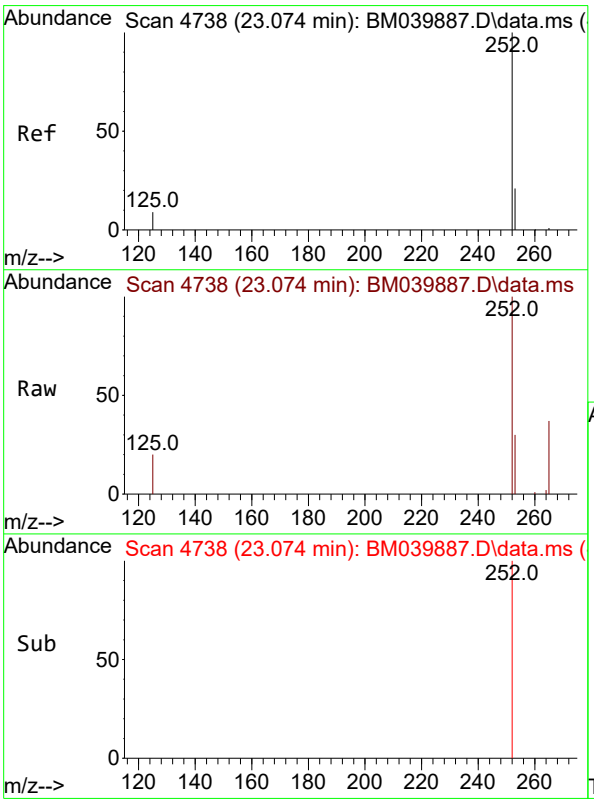
#24
Benzo(b)fluoranthene
Concen: 0.405 ng/ul
RT: 23.028 min Scan# 4
Delta R.T. 0.000 min
Lab File: BM039887.D
Acq: 09 May 2023 10:58

Instrument :
BNA_M
ClientSampleId :
SSTD0.4103

Tgt Ion:252 Resp: 9875

Ion	Ratio	Lower	Upper
252	100		
253	29.8	0.0	52.8
125	20.6	0.0	31.6

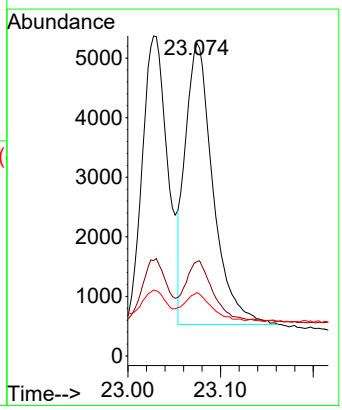


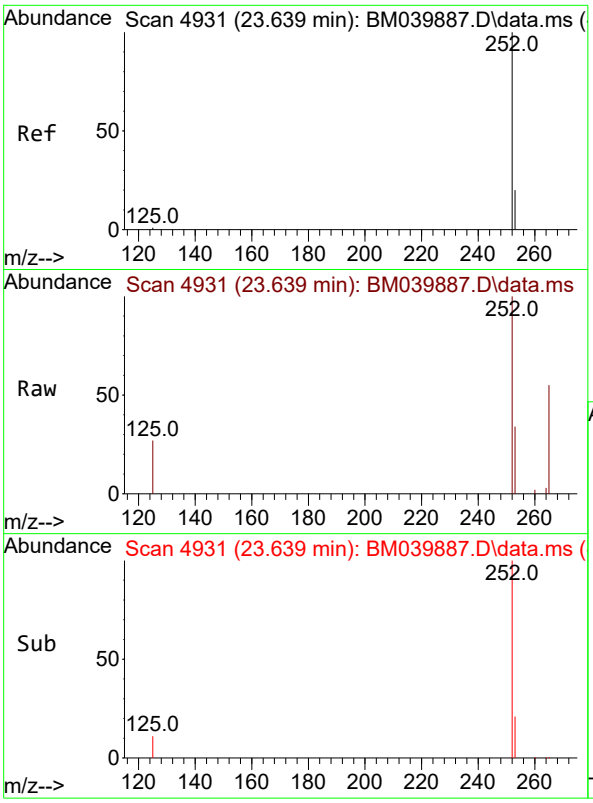


#25
Benzo(k)fluoranthene
Concen: 0.395 ng/ul
RT: 23.074 min Scan# 4738
Delta R.T. 0.000 min
Lab File: BM039887.D
Acq: 09 May 2023 10:58

Tgt Ion:252 Resp: 9823

Ion	Ratio	Lower	Upper
252	100		
253	30.2	21.3	31.9
125	20.3	13.0	19.6#



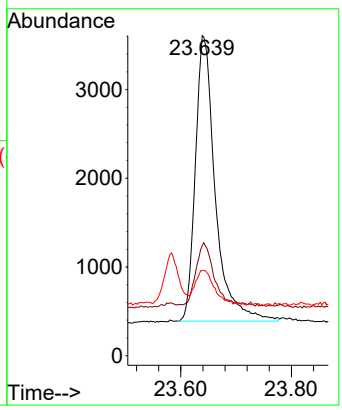


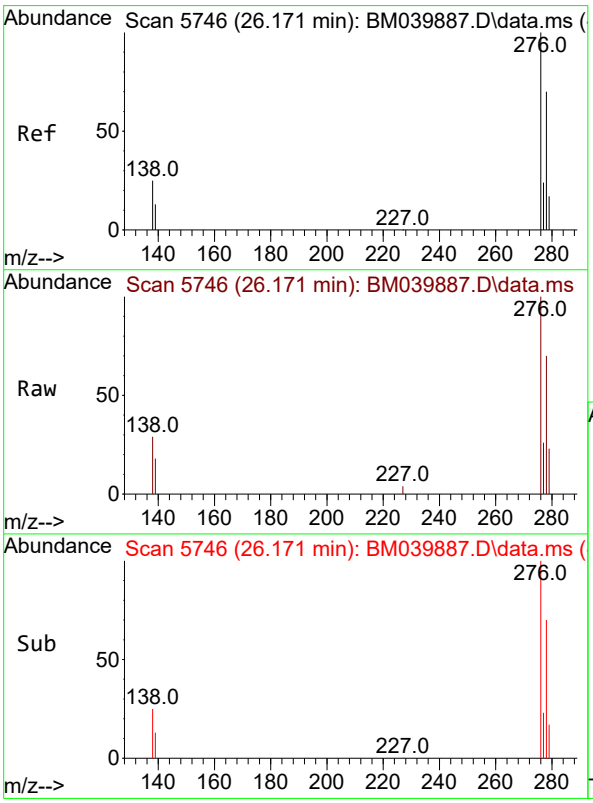
#26
Benzo(a)pyrene
Concen: 0.368 ng/ul
RT: 23.639 min Scan# 4
Delta R.T. 0.000 min
Lab File: BM039887.D
Acq: 09 May 2023 10:58

Instrument :
BNA_M
ClientSampleId :
SSTD0.4103

Tgt Ion:252 Resp: 8050

Ion	Ratio	Lower	Upper
252	100		
253	34.3	24.7	37.1
125	26.5	16.5	24.7#

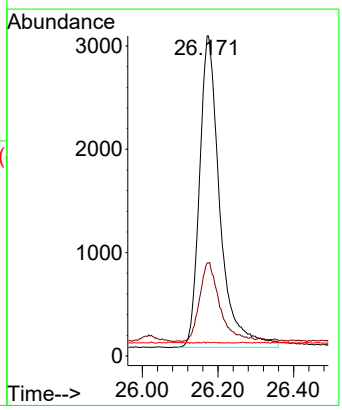


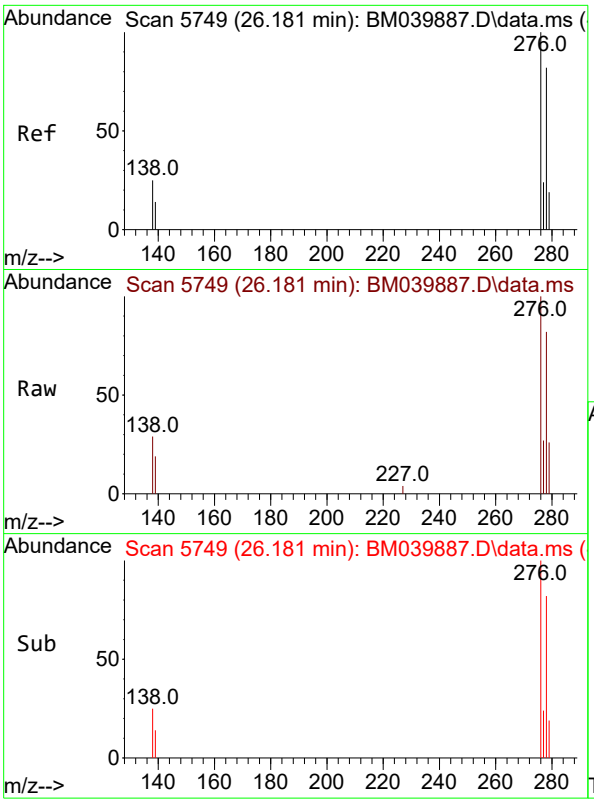


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.406 ng/ul
RT: 26.171 min Scan# 5746
Delta R.T. 0.000 min
Lab File: BM039887.D
Acq: 09 May 2023 10:58

Tgt Ion:276 Resp: 11255

Ion	Ratio	Lower	Upper
276	100		
138	25.0	21.1	31.7
227	0.1	0.1	0.1#



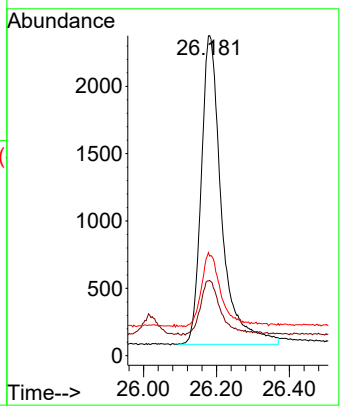


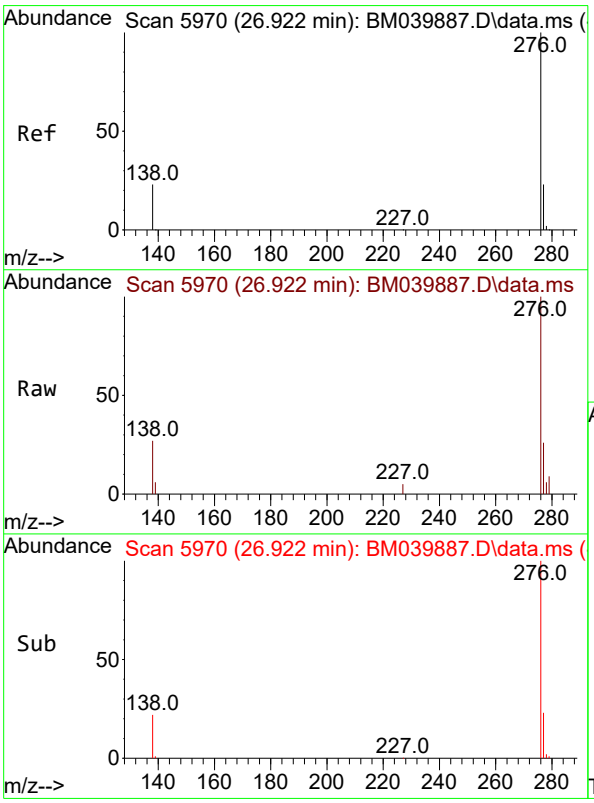
#28
Dibenzo(a,h)anthracene
Concen: 0.413 ng/ul
RT: 26.181 min Scan# 5
Delta R.T. 0.000 min
Lab File: BM039887.D
Acq: 09 May 2023 10:58

Instrument :
BNA_M
ClientSampleId :
SSTD0.4103

Tgt Ion:278 Resp: 8883

Ion	Ratio	Lower	Upper
278	100		
139	23.5	17.0	25.6
279	31.1	23.4	35.2





#29
Benzo(g,h,i)perylene
Concen: 0.399 ng/ul
RT: 26.922 min Scan# 5970
Delta R.T. 0.000 min
Lab File: BM039887.D
Acq: 09 May 2023 10:58

Tgt Ion:276 Resp: 9625

Ion	Ratio	Lower	Upper
276	100		
138	27.1	20.1	30.1
277	26.2	20.1	30.1