Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122623\
Data File : BM043610.D
Acq On : 27 Dec 2023 15:56
Operator : MA/JU
Sample : PB158069BS
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SLCS069

Quant Time: Dec 27 21:42:12 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM121123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 26 22:58:31 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.971	152	4944	0.400	ng/ul	0.00
4) Naphthalene-d8	10.779	136	14652	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.606	164	6026	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.350	188	11436	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.530	240	6944	0.400	ng/ul	# 0.00
23) Perylene-d12	23.942	264	7762	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.377	96	4639	0.743	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.368	152	6464	0.311	ng/ul	0.00
18) Fluoranthene-d10	19.376	212	8176	0.330	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.410	88	14600	2.330	ng/ul#	79
5) Naphthalene	10.829	128	14620	0.332	ng/ul	98
7) 2-Methylnaphthalene	12.440	142	8369	0.294	ng/ul	98
8) 1-Methylnaphthalene	12.654	142	8069	0.283	ng/ul	100
10) Acenaphthylene	14.328	152	11174	0.337	ng/ul	98
11) Acenaphthene	14.666	153	8213	0.340	ng/ul	98
12) Fluorene	15.656	166	8785	0.321	ng/ul	99
14) Pentachlorophenol	16.999	266	1826	0.721	ng/ul	96
15) Phenanthrene	17.392	178	12889	0.338	ng/ul	98
16) Anthracene	17.485	178	11999	0.346	ng/ul	98
19) Fluoranthene	19.404	202	12550	0.320	ng/ul#	90
20) Pyrene	19.766	202	12938	0.333	ng/ul#	93
21) Benzo(a)anthracene	21.513	228	10069	0.330	ng/ul	99
22) Chrysene	21.565	228	11406	0.354	ng/ul	98
24) Benzo(b)fluoranthene	23.205	252	11512	0.327	ng/ul	89
25) Benzo(k)fluoranthene	23.255	252	12709	0.348	ng/ul#	89
26) Benzo(a)pyrene	23.836	252	10268	0.353	ng/ul#	84
27) Indeno(1,2,3-cd)pyrene	26.458	276	14038	0.424	ng/ul#	87
28) Dibenzo(a,h)anthracene	26.485	278	11543	0.440	ng/ul#	91
29) Benzo(g,h,i)perylene	27.223	276	12070	0.427	ng/ul	93

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122623\
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Instrument :
BNA_M
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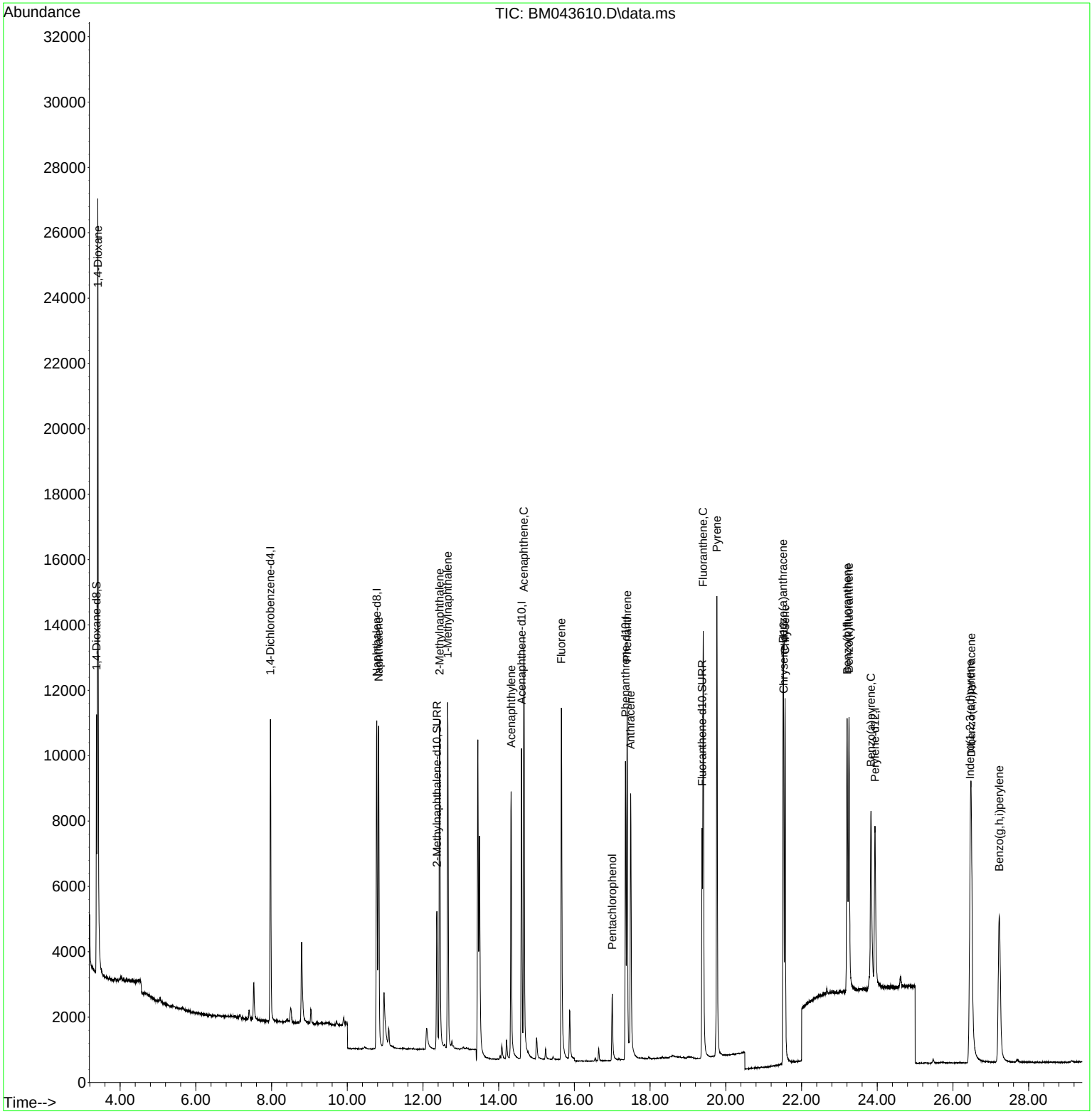
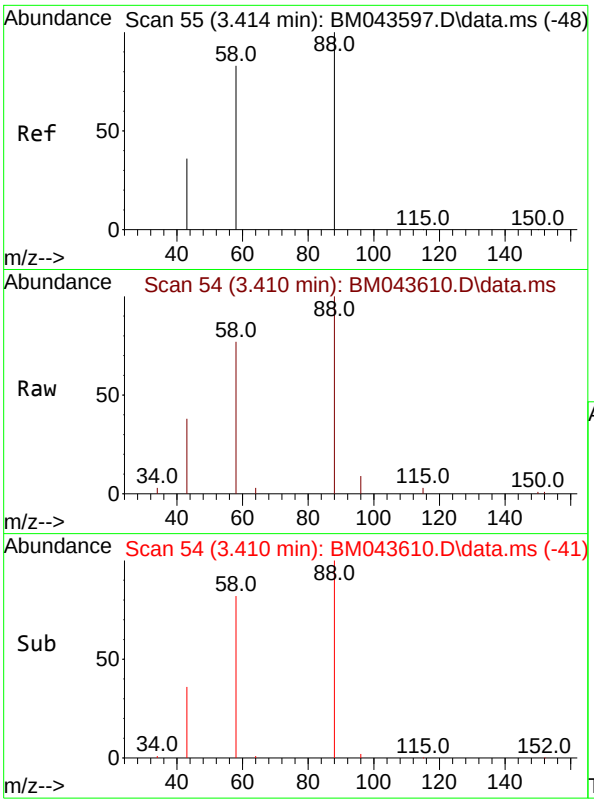
Quant Time: Dec 27 21:42:12 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM121123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 26 22:58:31 2023
Response via : Initial Calibration



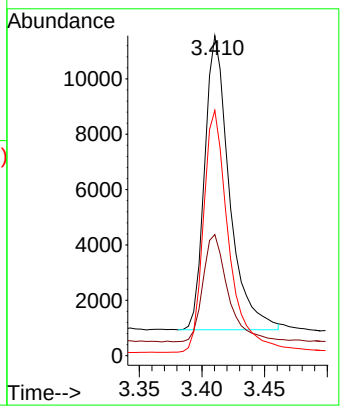


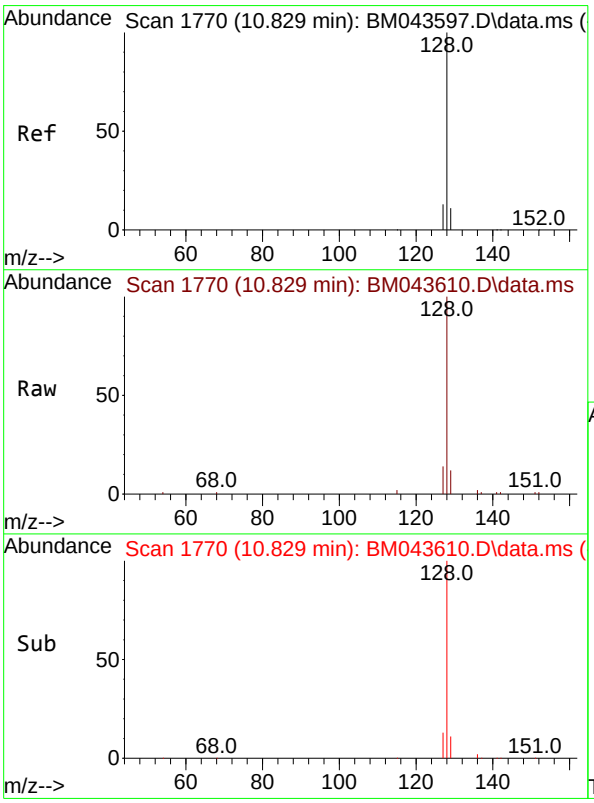
#2
1,4-Dioxane
Concen: 2.330 ng/ul
RT: 3.410 min Scan# 54
Delta R.T. -0.004 min
Lab File: BM043610.D
Acq: 27 Dec 2023 15:56

Instrument :
BNA_M
ClientSampleId :
SLCS069

Tgt Ion: 88 Resp: 14600

Ion	Ratio	Lower	Upper
88	100		
43	37.9	27.9	41.9
58	76.7	43.4	65.2#

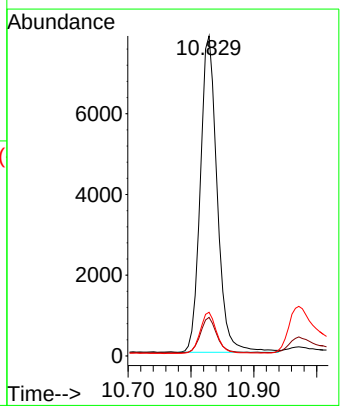


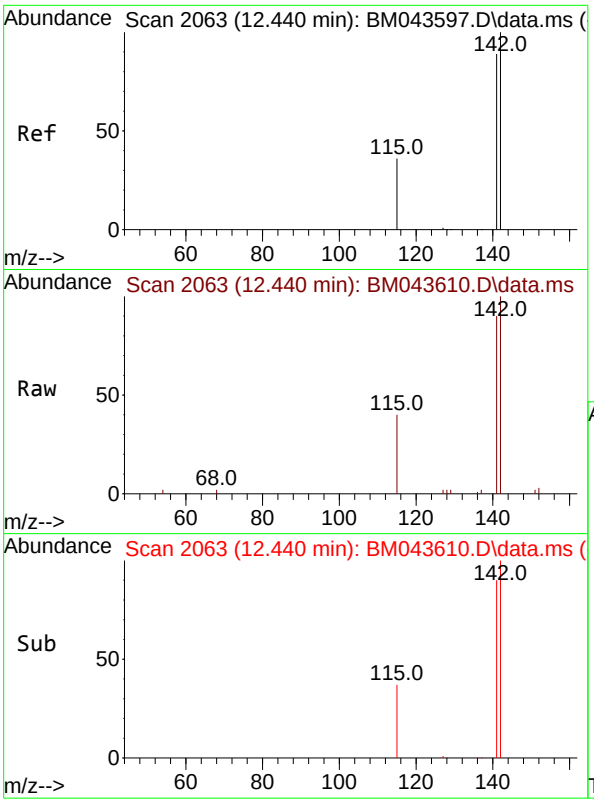


#5
Naphthalene
Concen: 0.332 ng/ul
RT: 10.829 min Scan# 1770
Delta R.T. 0.000 min
Lab File: BM043610.D
Acq: 27 Dec 2023 15:56

Tgt Ion:128 Resp: 14620

Ion	Ratio	Lower	Upper
128	100		
129	12.0	9.0	13.4
127	13.7	10.3	15.5



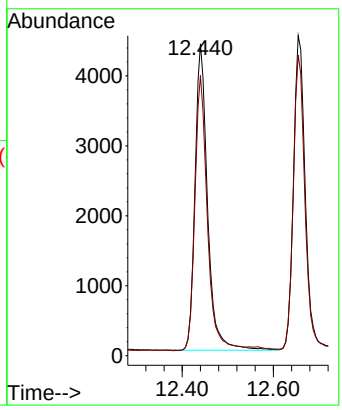


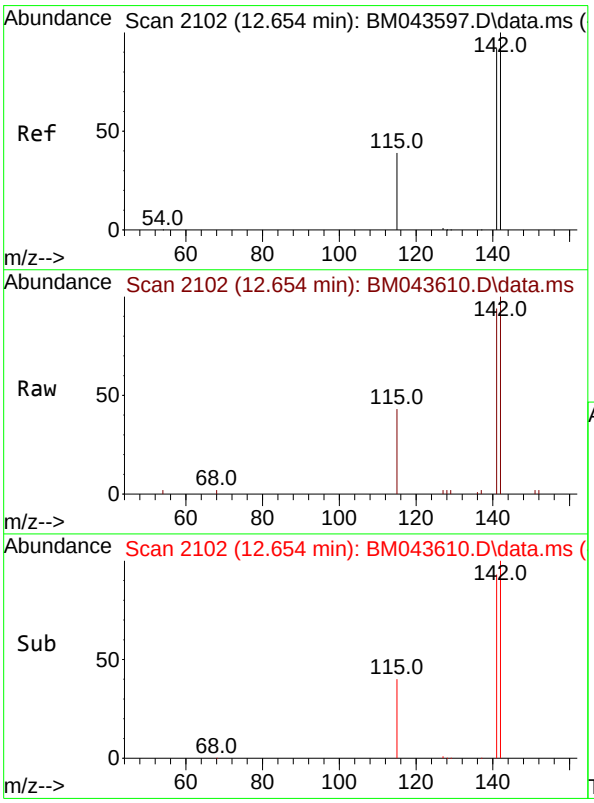
#7
2-Methylnaphthalene
Concen: 0.294 ng/ul
RT: 12.440 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM043610.D
Acq: 27 Dec 2023 15:56

Instrument :
BNA_M
ClientSampleId :
SLCS069

Tgt Ion:142 Resp: 8369

Ion	Ratio	Lower	Upper
142	100		
141	90.9	70.9	106.3

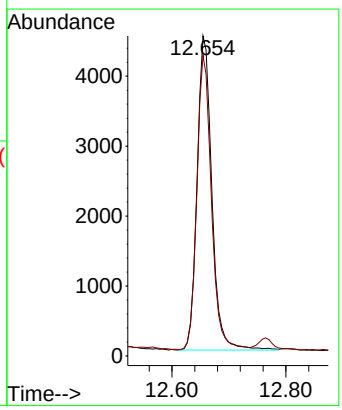


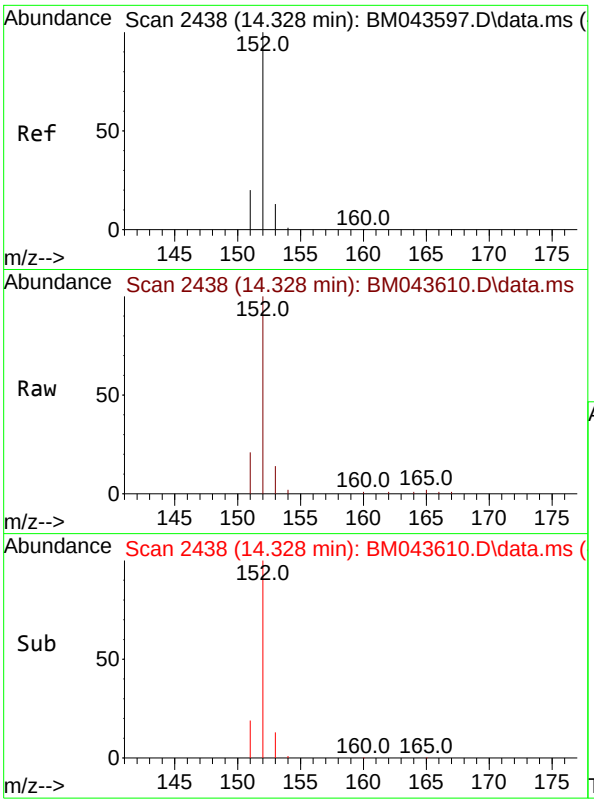


#8
1-Methylnaphthalene
Concen: 0.283 ng/ul
RT: 12.654 min Scan# 2102
Delta R.T. -0.005 min
Lab File: BM043610.D
Acq: 27 Dec 2023 15:56

Tgt Ion:142 Resp: 8069

Ion	Ratio	Lower	Upper
142	100		
141	91.9	73.7	110.5



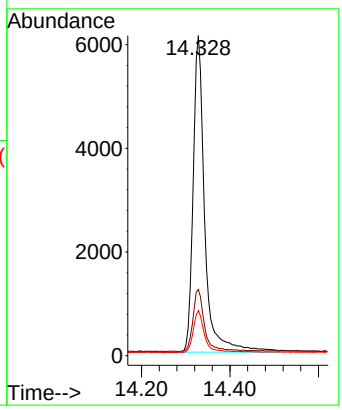


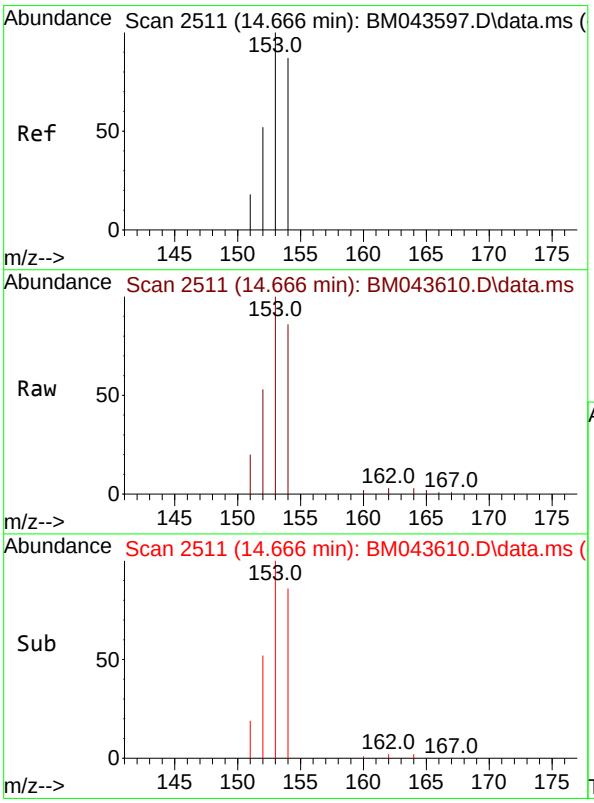
#10
Acenaphthylene
Concen: 0.337 ng/ul
RT: 14.328 min Scan# 24
Delta R.T. 0.000 min
Lab File: BM043610.D
Acq: 27 Dec 2023 15:56

Instrument :
BNA_M
ClientSampleId :
SLCS069

Tgt Ion:152 Resp: 11174

Ion	Ratio	Lower	Upper
152	100		
151	20.7	16.2	24.2
153	14.1	10.4	15.6

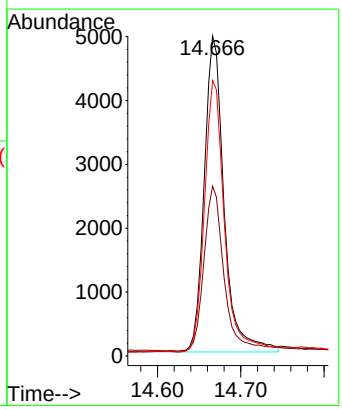


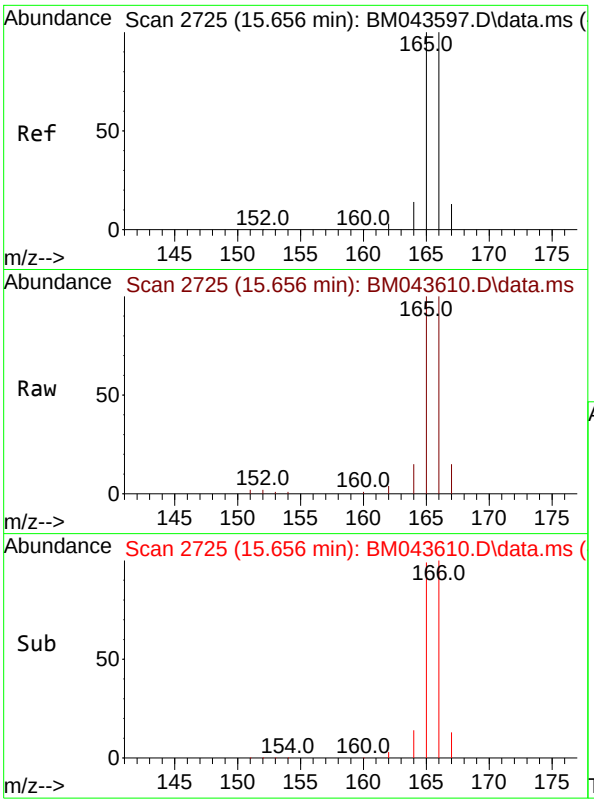


#11
Acenaphthene
Concen: 0.340 ng/ul
RT: 14.666 min Scan# 2511
Delta R.T. 0.000 min
Lab File: BM043610.D
Acq: 27 Dec 2023 15:56

Tgt Ion:153 Resp: 8213

Ion	Ratio	Lower	Upper
153	100		
152	53.1	42.1	63.1
154	86.1	71.3	106.9



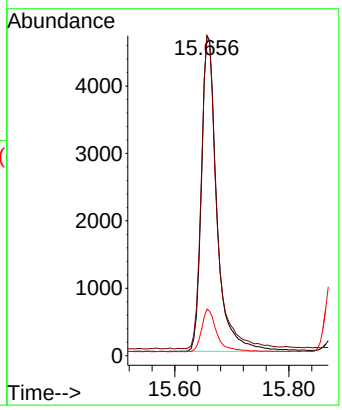


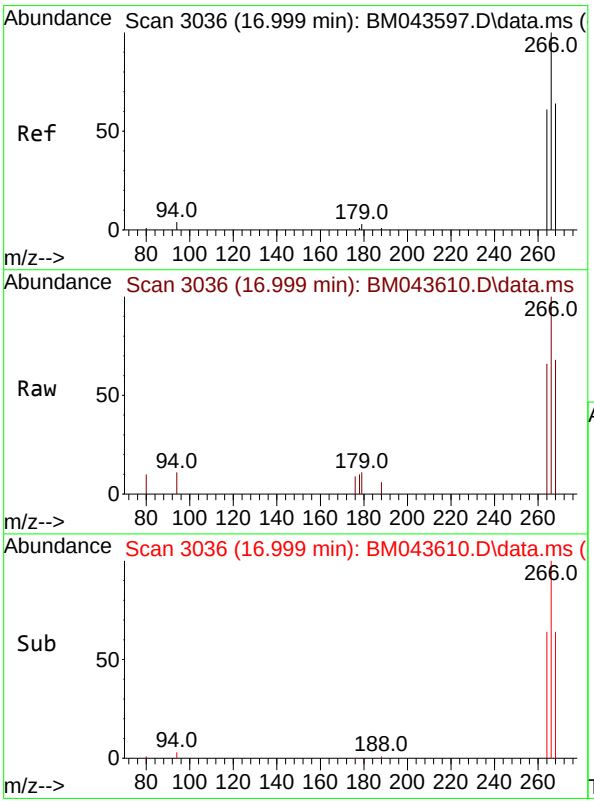
#12
Fluorene
Concen: 0.321 ng/ul
RT: 15.656 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM043610.D
Acq: 27 Dec 2023 15:56

Instrument :
BNA_M
ClientSampleId :
SLCS069

Tgt Ion:166 Resp: 8785

Ion	Ratio	Lower	Upper
166	100		
165	99.9	80.3	120.5
167	14.6	10.8	16.2

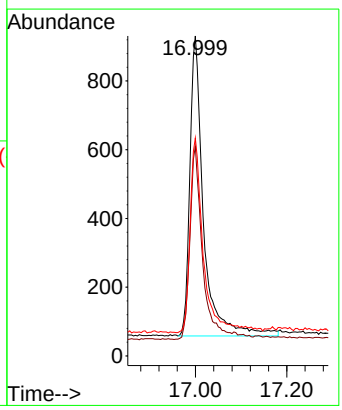


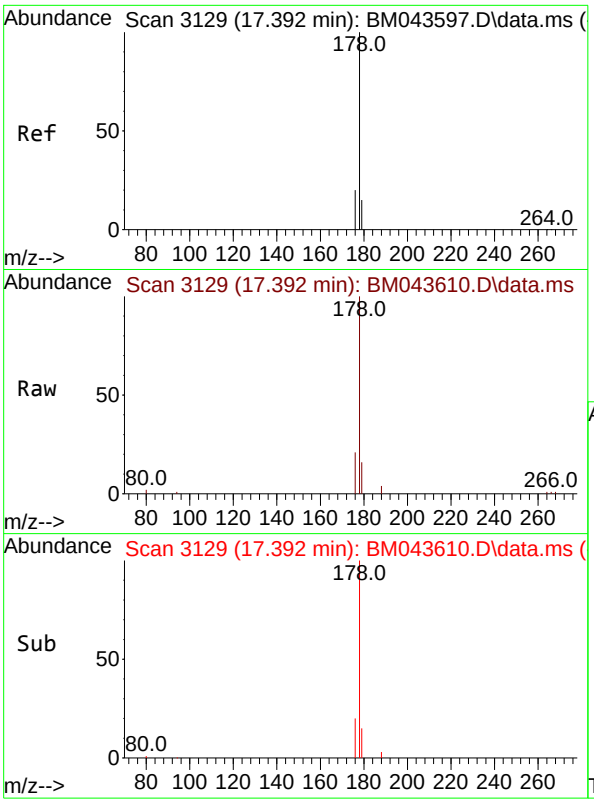


#14
Pentachlorophenol
Concen: 0.721 ng/ul
RT: 16.999 min Scan# 3036
Delta R.T. -0.004 min
Lab File: BM043610.D
Acq: 27 Dec 2023 15:56

Tgt Ion:266 Resp: 1826

Ion	Ratio	Lower	Upper
266	100		
264	60.1	51.7	77.5
268	63.6	51.9	77.9



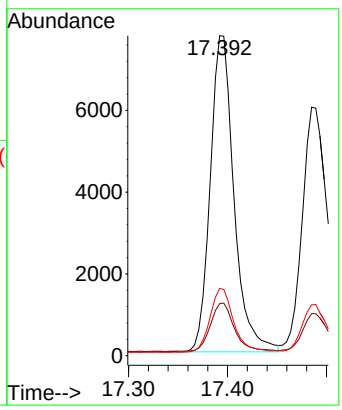


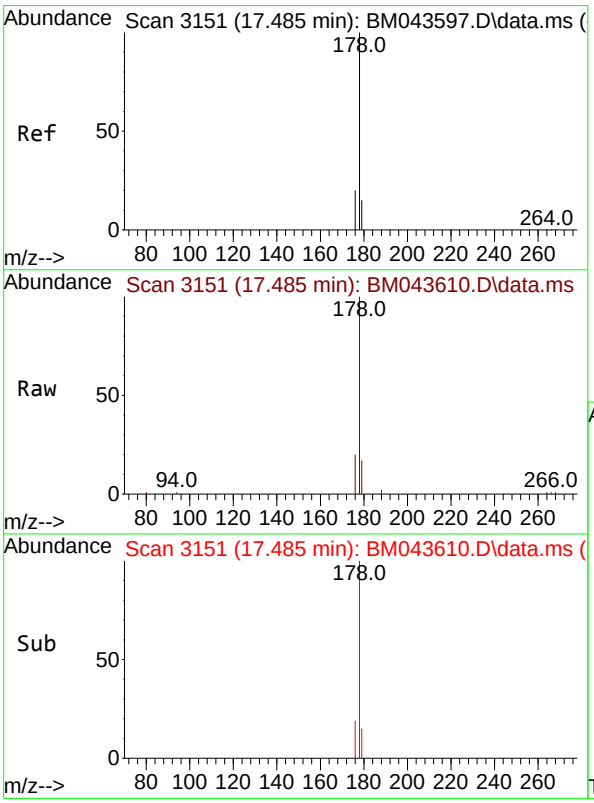
#15
Phenanthrene
Concen: 0.338 ng/ul
RT: 17.392 min Scan# 3
Delta R.T. 0.000 min
Lab File: BM043610.D
Acq: 27 Dec 2023 15:56

Instrument :
BNA_M
ClientSampleId :
SLCS069

Tgt Ion:178 Resp: 12889

Ion	Ratio	Lower	Upper
178	100		
179	16.2	12.4	18.6
176	21.0	16.2	24.2

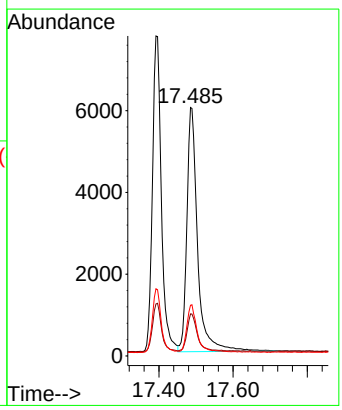


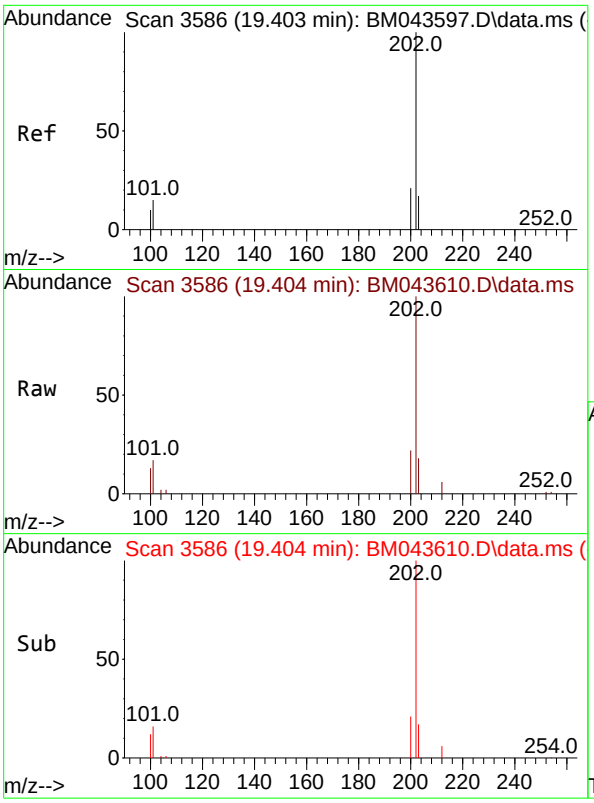


#16
Anthracene
Concen: 0.346 ng/ul
RT: 17.485 min Scan# 3151
Delta R.T. -0.004 min
Lab File: BM043610.D
Acq: 27 Dec 2023 15:56

Tgt Ion:178 Resp: 11999

Ion	Ratio	Lower	Upper
178	100		
179	16.9	12.6	18.8
176	20.4	15.6	23.4



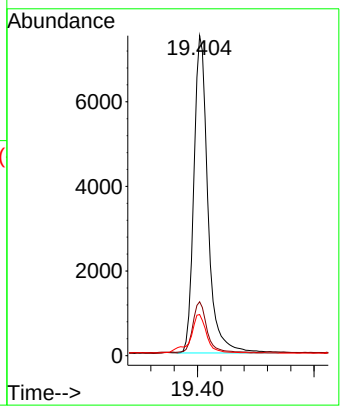


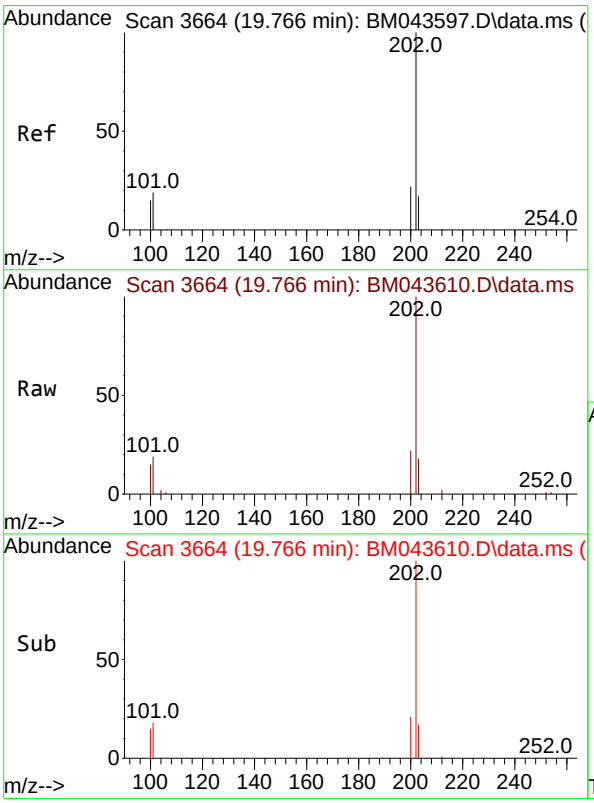
#19
Fluoranthene
Concen: 0.320 ng/ul
RT: 19.404 min Scan# 3
Delta R.T. 0.000 min
Lab File: BM043610.D
Acq: 27 Dec 2023 15:56

Instrument :
BNA_M
ClientSampleId :
SLCS069

Tgt Ion:202 Resp: 12550

Ion	Ratio	Lower	Upper
202	100		
101	16.9	10.1	15.1#
100	12.8	7.4	11.2#

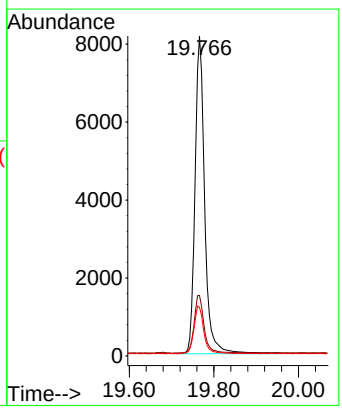


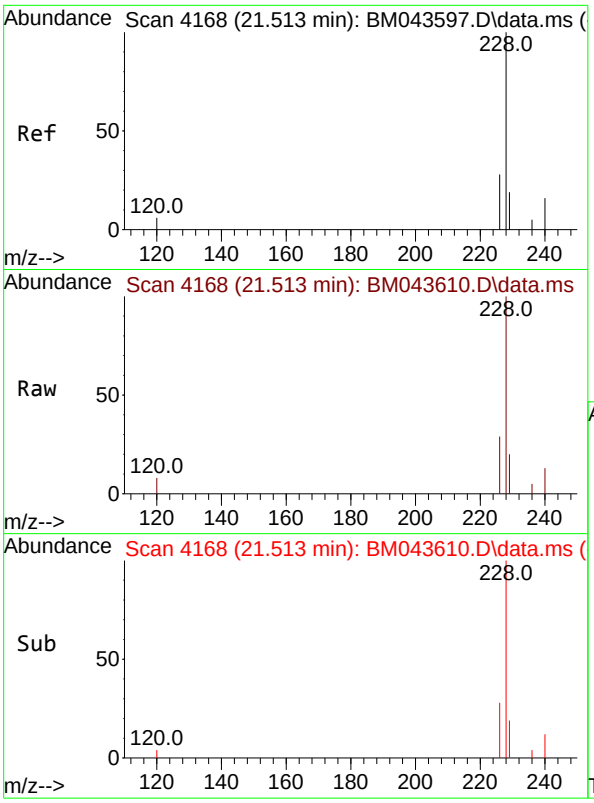


#20
Pyrene
Concen: 0.333 ng/ul
RT: 19.766 min Scan# 3664
Delta R.T. 0.000 min
Lab File: BM043610.D
Acq: 27 Dec 2023 15:56

Tgt Ion:202 Resp: 12938

Ion	Ratio	Lower	Upper
202	100		
101	18.9	12.7	19.1
100	15.2	9.8	14.8#



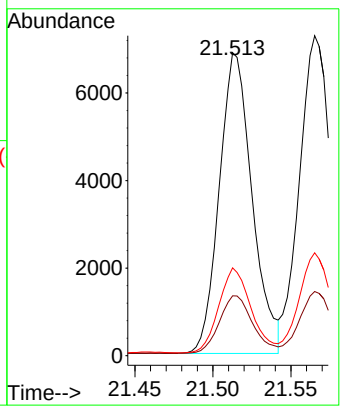


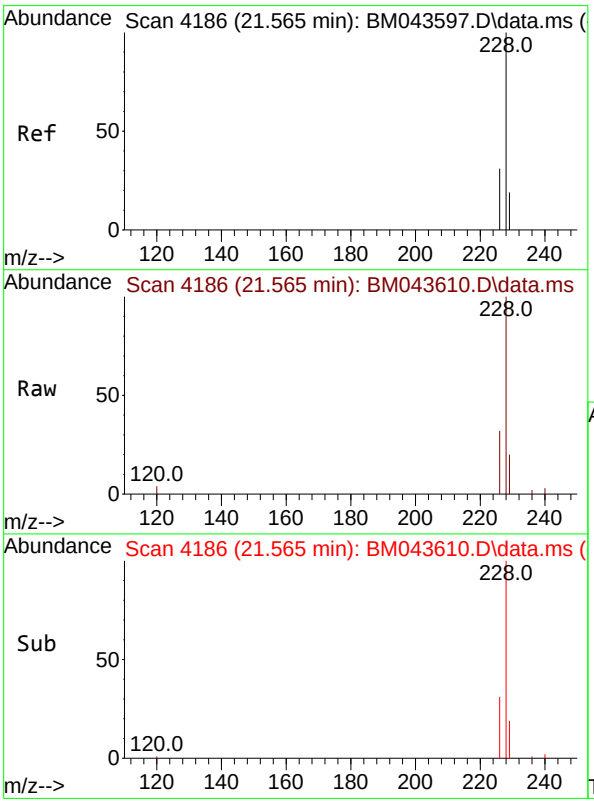
#21
Benzo(a)anthracene
Concen: 0.330 ng/ul
RT: 21.513 min Scan# 4
Delta R.T. 0.000 min
Lab File: BM043610.D
Acq: 27 Dec 2023 15:56

Instrument :
BNA_M
ClientSampleId :
SLCS069

Tgt Ion:228 Resp: 10069

Ion	Ratio	Lower	Upper
228	100		
229	19.8	15.5	23.3
226	29.0	22.6	34.0

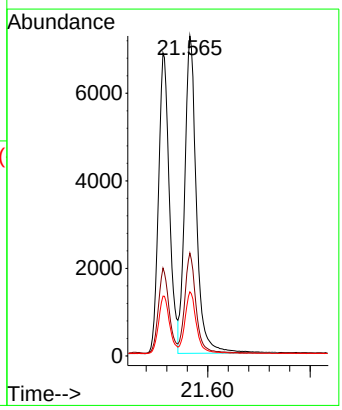


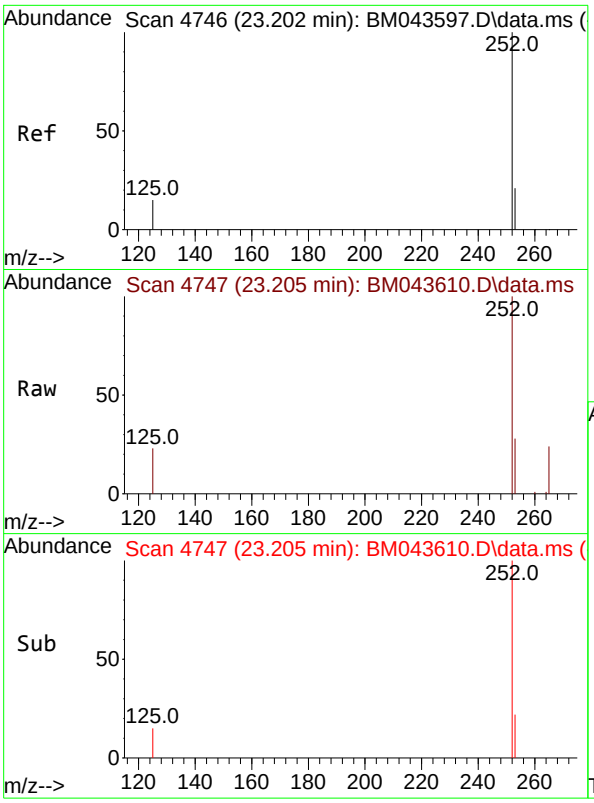


#22
Chrysene
Concen: 0.354 ng/ul
RT: 21.565 min Scan# 4186
Delta R.T. 0.000 min
Lab File: BM043610.D
Acq: 27 Dec 2023 15:56

Tgt Ion:228 Resp: 11406

Ion	Ratio	Lower	Upper
228	100		
226	32.1	24.8	37.2
229	20.1	15.7	23.5



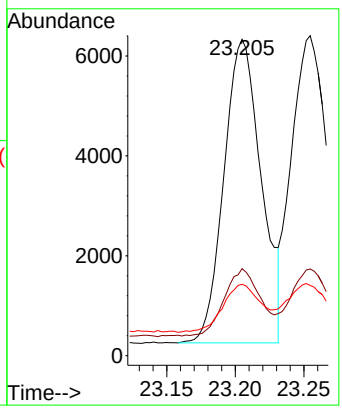


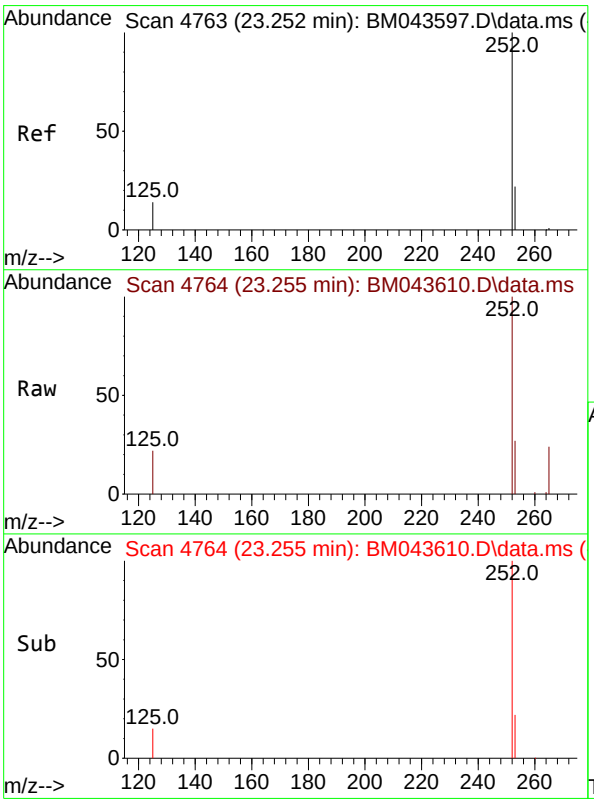
#24
Benzo(b)fluoranthene
Concen: 0.327 ng/ul
RT: 23.205 min Scan# 4
Delta R.T. 0.000 min
Lab File: BM043610.D
Acq: 27 Dec 2023 15:56

Instrument :
BNA_M
ClientSampleId :
SLCS069

Tgt Ion:252 Resp: 11512

Ion	Ratio	Lower	Upper
252	100		
253	27.5	0.0	48.8
125	22.6	0.0	29.2

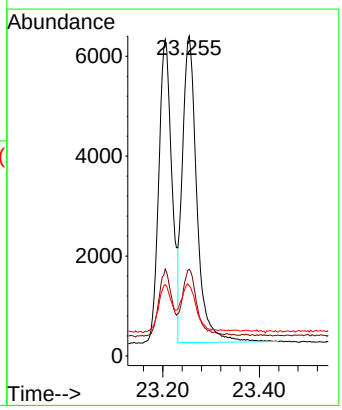


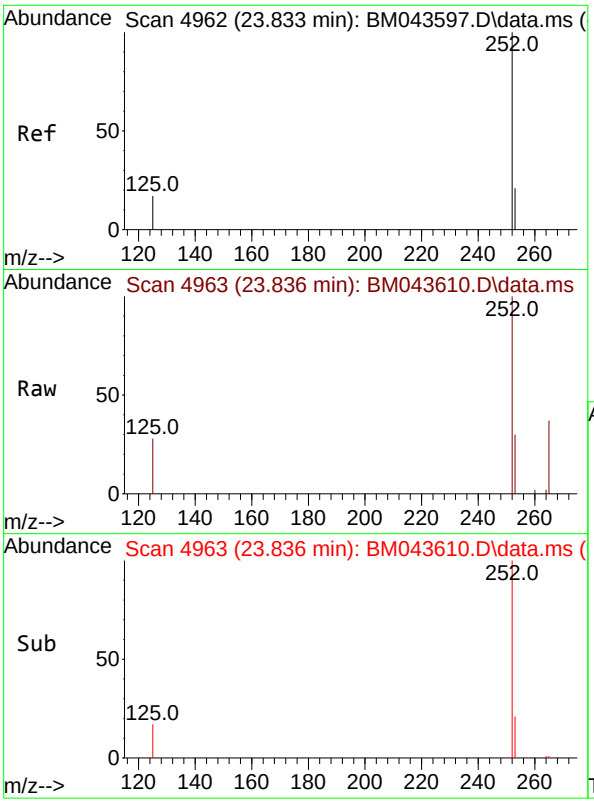


#25
Benzo(k)fluoranthene
Concen: 0.348 ng/ul
RT: 23.255 min Scan# 4764
Delta R.T. 0.000 min
Lab File: BM043610.D
Acq: 27 Dec 2023 15:56

Tgt Ion:252 Resp: 12709

Ion	Ratio	Lower	Upper
252	100		
253	27.1	18.6	28.0
125	21.9	11.8	17.8#



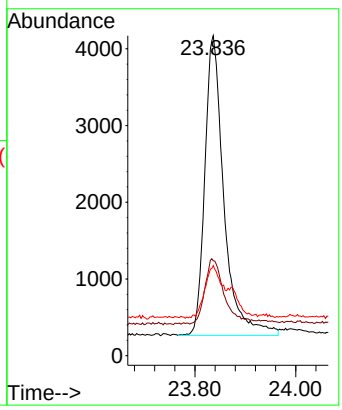


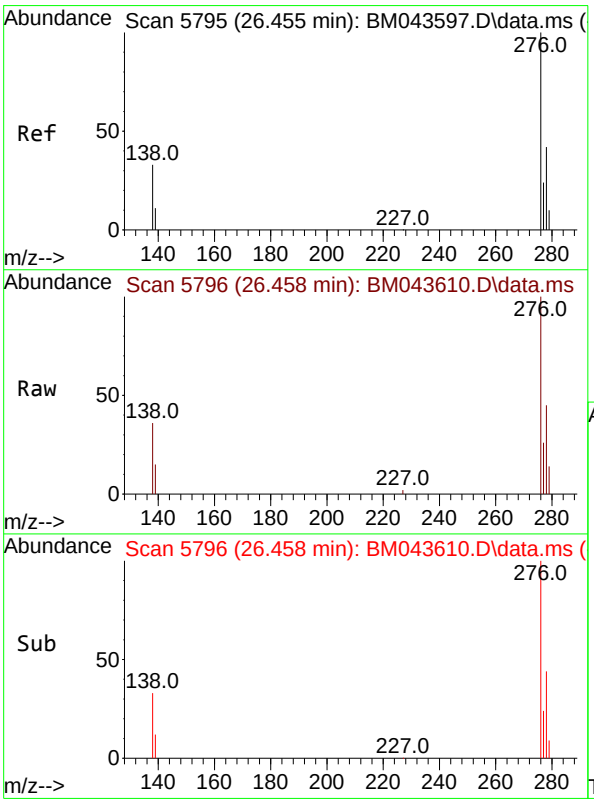
#26
Benzo(a)pyrene
Concen: 0.353 ng/ul
RT: 23.836 min Scan# 4
Delta R.T. 0.003 min
Lab File: BM043610.D
Acq: 27 Dec 2023 15:56

Instrument :
BNA_M
ClientSampleId :
SLCS069

Tgt Ion:252 Resp: 10268

Ion	Ratio	Lower	Upper
252	100		
253	29.7	20.2	30.2
125	28.1	13.5	20.3#

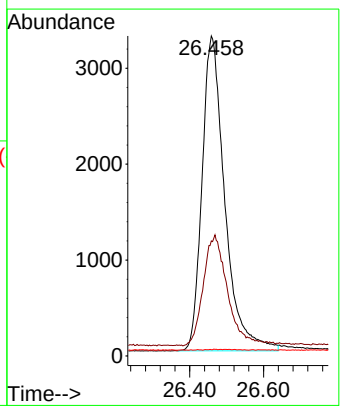


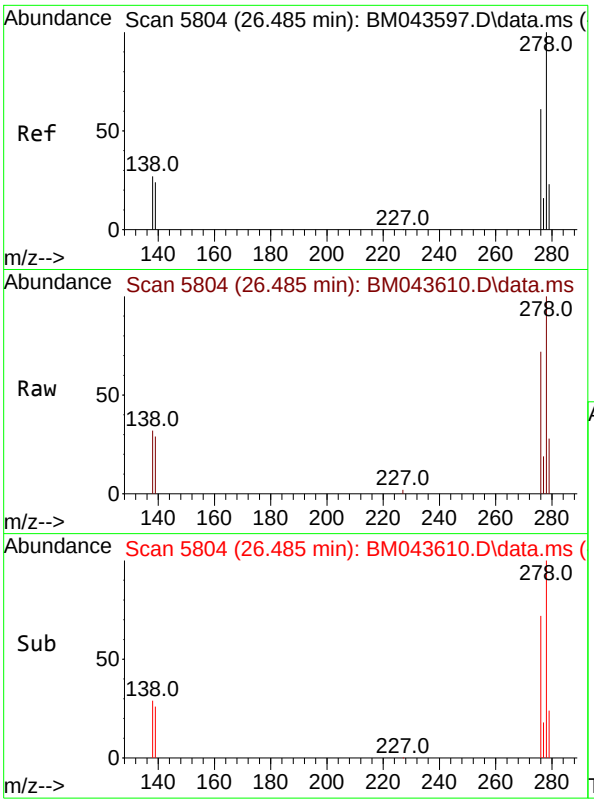


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.424 ng/ul
RT: 26.458 min Scan# 5796
Delta R.T. 0.000 min
Lab File: BM043610.D
Acq: 27 Dec 2023 15:56

Tgt Ion:276 Resp: 14038

Ion	Ratio	Lower	Upper
276	100		
138	37.7	24.6	36.8#
227	0.0	0.0	0.0#



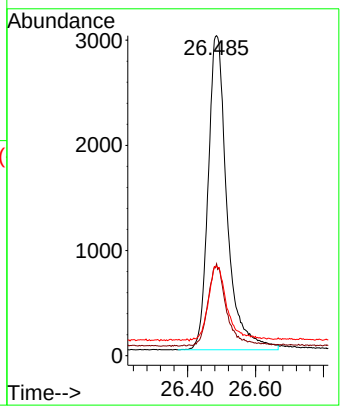


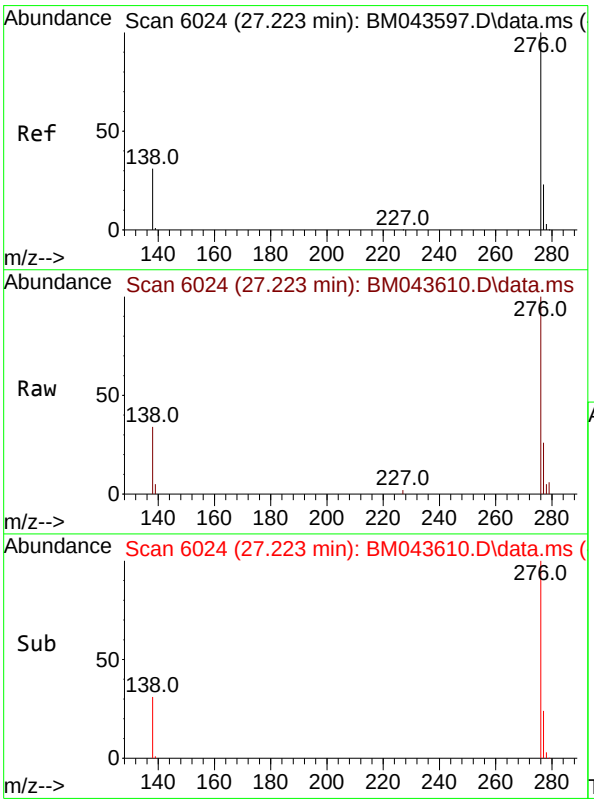
#28
Dibenzo(a,h)anthracene
Concen: 0.440 ng/ul
RT: 26.485 min Scan# 5
Delta R.T. 0.004 min
Lab File: BM043610.D
Acq: 27 Dec 2023 15:56

Instrument :
BNA_M
ClientSampleId :
SLCS069

Tgt Ion:278 Resp: 11543

Ion	Ratio	Lower	Upper
278	100		
139	28.7	17.4	26.2#
279	28.0	20.9	31.3





#29
Benzo(g,h,i)perylene
Concen: 0.427 ng/ul
RT: 27.223 min Scan# 6024
Delta R.T. 0.000 min
Lab File: BM043610.D
Acq: 27 Dec 2023 15:56

Tgt Ion:276 Resp: 12070

Ion	Ratio	Lower	Upper
276	100		
138	34.0	23.1	34.7
277	25.7	19.4	29.0