Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070323\
Data File : BM040622.D
Acq On : 04 Jul 2023 21:31
Operator : MA/JU
Sample : 03244-16DL 5X
Misc :
ALS Vial : 59 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: Jul 05 02:42:27 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM062223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 03 13:40:38 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.915	152	8355	0.400	ng/ul	0.00
4) Naphthalene-d8	10.718	136	31635	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.559	164	14744	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.307	188	28235	0.400	ng/ul	-0.01
17) Chrysene-d12	21.491	240	16765	0.400	ng/ul	-0.01
23) Perylene-d12	23.897	264	15865	0.400	ng/ul	#-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.312	96	5727	0.436	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.312	152	1559	0.035	ng/ul	-0.01
18) Fluoranthene-d10	19.333	212	2313	0.043	ng/ul	-0.01
Target Compounds						Qvalue
5) Naphthalene	10.767	128	4575	0.052	ng/ul#	91
7) 2-Methylnaphthalene	12.384	142	1778	0.035	ng/ul	100
10) Acenaphthylene	14.281	152	3745	0.057	ng/ul#	91
15) Phenanthrene	17.349	178	28442	0.324	ng/ul	100
16) Anthracene	17.438	178	5249	0.071	ng/ul#	90
19) Fluoranthene	19.366	202	76047	1.068	ng/ul	96
20) Pyrene	19.728	202	60084	0.787	ng/ul	99
21) Benzo(a)anthracene	21.474	228	31637	0.558	ng/ul	96
22) Chrysene	21.526	228	31514	0.487	ng/ul	97
24) Benzo(b)fluoranthene	23.163	252	53141	0.866	ng/ul	96
26) Benzo(a)pyrene	23.789	252	29583	0.535	ng/ul#	94
27) Indeno(1,2,3-cd)pyrene	26.387	276	26286	0.341	ng/ul#	86
28) Dibenzo(a,h)anthracene	26.397	278	6208	0.103	ng/ul#	75
29) Benzo(g,h,i)perylene	27.155	276	25201	0.373	ng/ul	98

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

Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070323\
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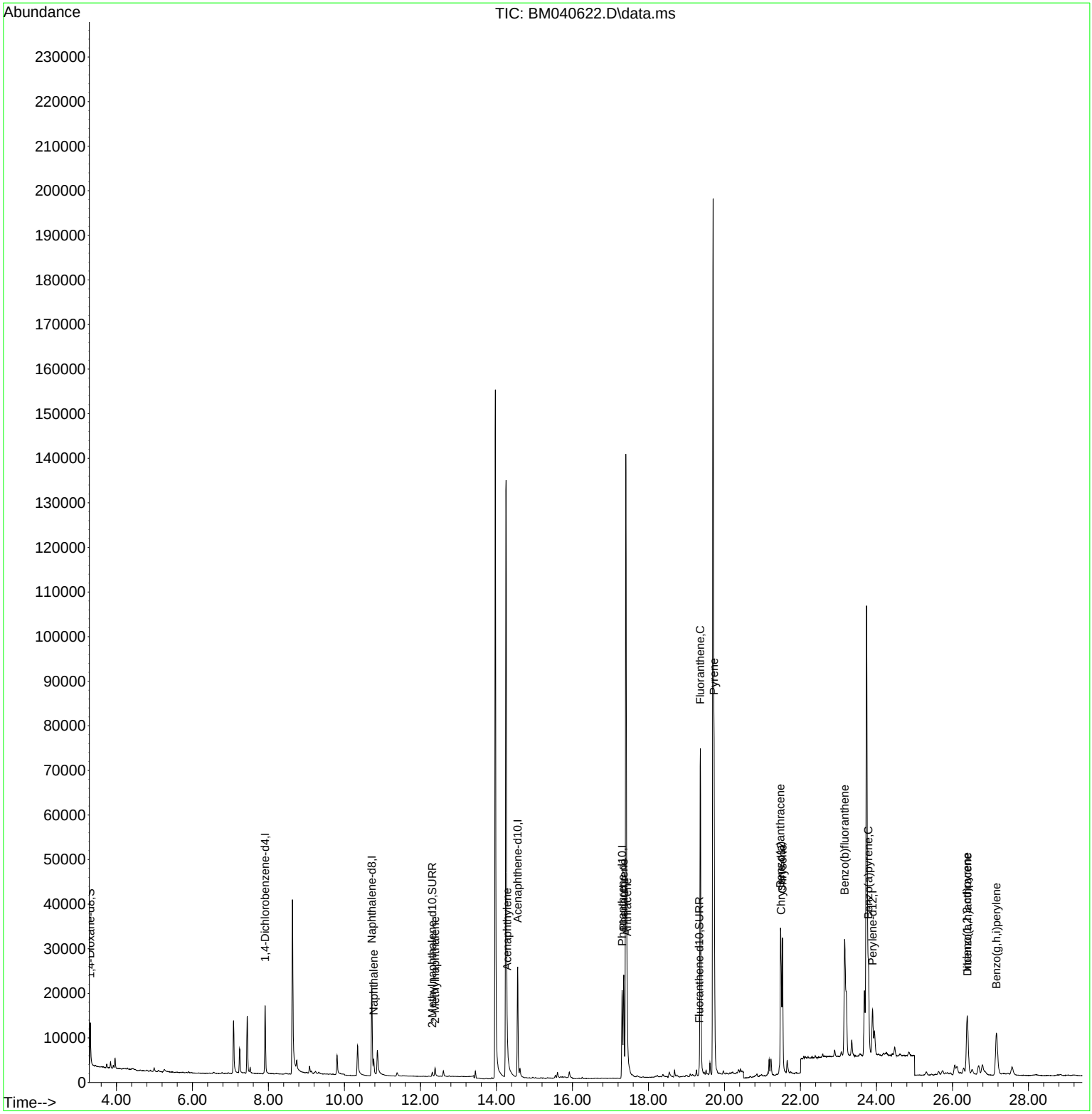
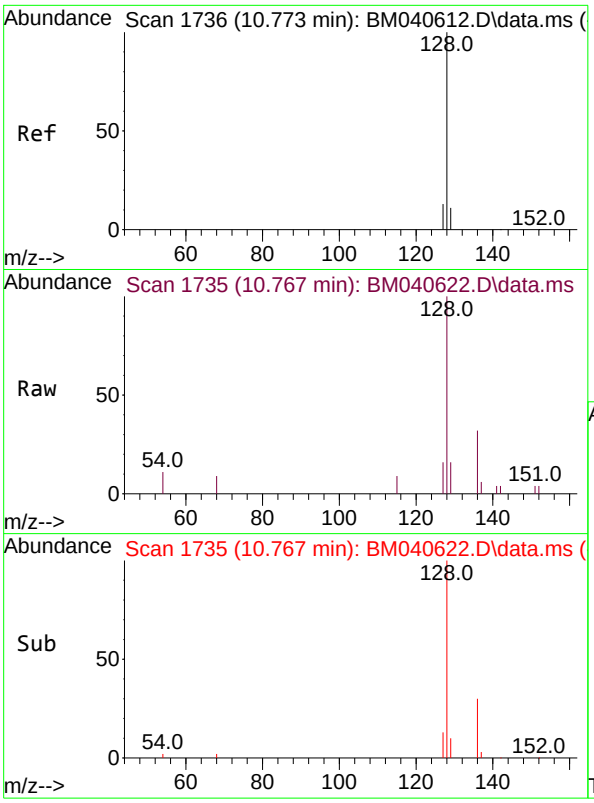
Acq On : 04 Jul 2023 21:31
Operator : MA/JU
Sample : 03244-16DL 5X
Misc :
ALS Vial : 59 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: Jul 05 02:42:27 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM062223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 03 13:40:38 2023
Response via : Initial Calibration



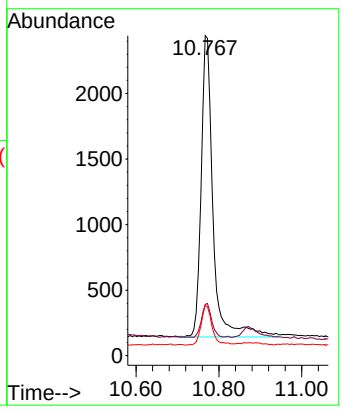


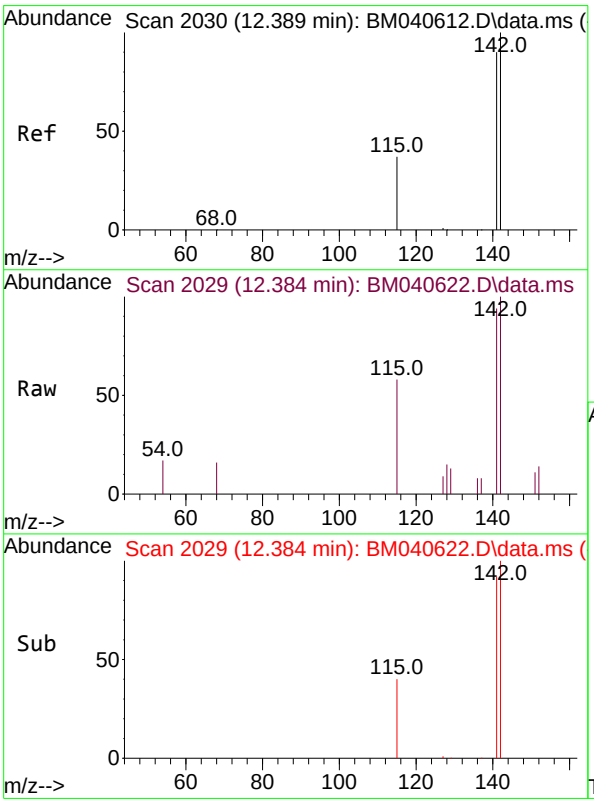
#5
Naphthalene
Concen: 0.052 ng/ul
RT: 10.767 min Scan# 1
Delta R.T. -0.017 min
Lab File: BM040622.D
Acq: 04 Jul 2023 21:31

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:128 Resp: 4575

Ion	Ratio	Lower	Upper
128	100		
129	16.1	9.2	13.8#
127	15.8	10.6	15.8

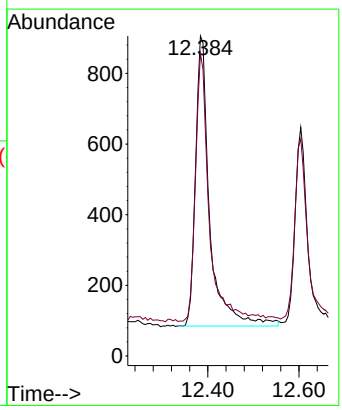


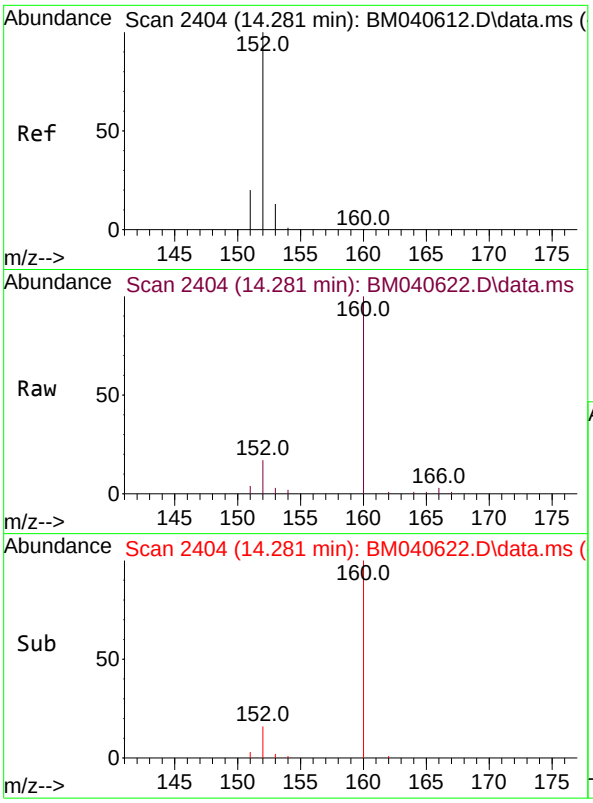


#7
2-Methylnaphthalene
Concen: 0.035 ng/ul
RT: 12.384 min Scan# 2029
Delta R.T. -0.011 min
Lab File: BM040622.D
Acq: 04 Jul 2023 21:31

Tgt Ion:142 Resp: 1778

Ion	Ratio	Lower	Upper
142	100		
141	89.8	71.9	107.9



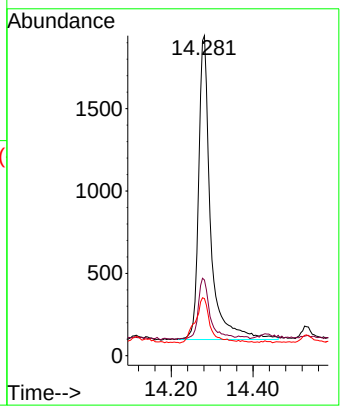


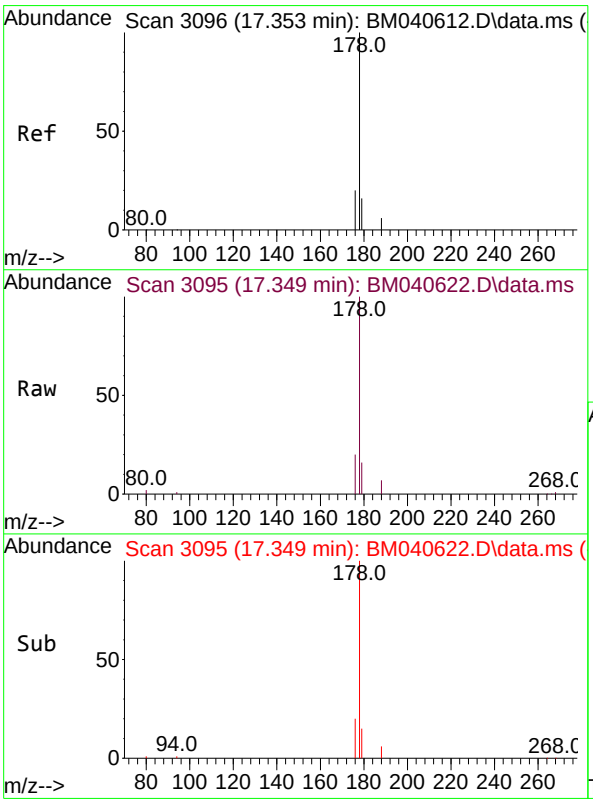
#10
Acenaphthylene
Concen: 0.057 ng/ul
RT: 14.281 min Scan# 24
Delta R.T. -0.009 min
Lab File: BM040622.D
Acq: 04 Jul 2023 21:31

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:152 Resp: 3745

Ion	Ratio	Lower	Upper
152	100		
151	23.7	16.2	24.2
153	17.9	10.9	16.3#

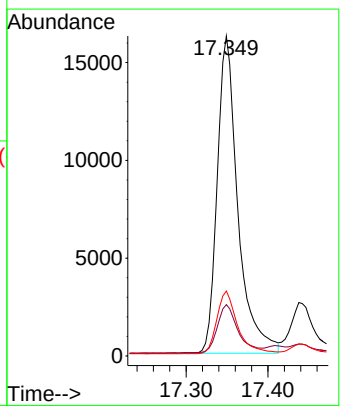


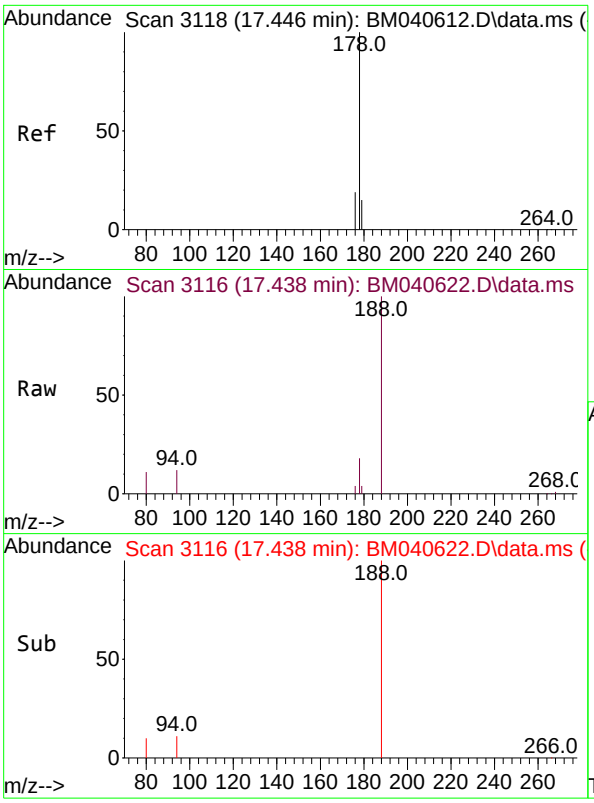


#15
Phenanthrene
Concen: 0.324 ng/ul
RT: 17.349 min Scan# 3095
Delta R.T. -0.013 min
Lab File: BM040622.D
Acq: 04 Jul 2023 21:31

Tgt Ion:178 Resp: 28442

Ion	Ratio	Lower	Upper
178	100		
179	16.0	12.8	19.2
176	20.3	16.4	24.6



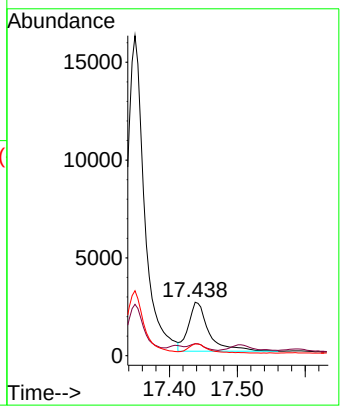


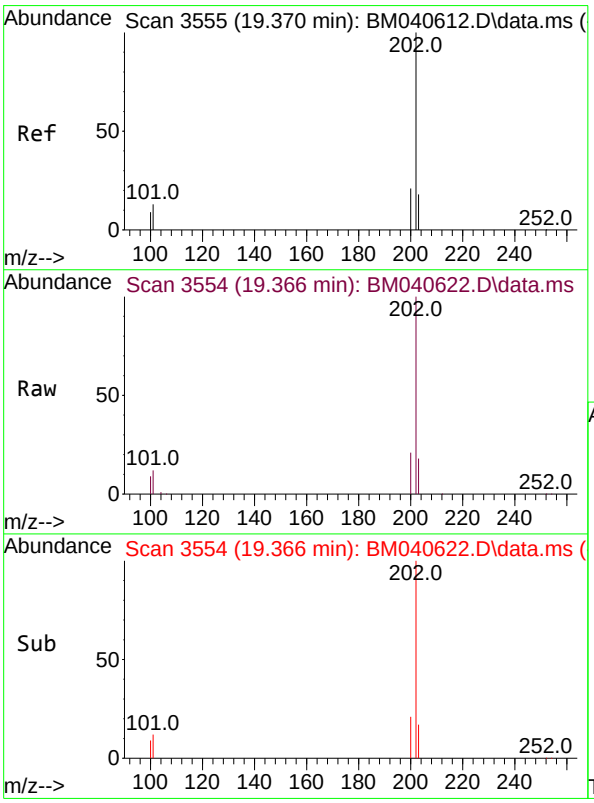
#16
Anthracene
Concen: 0.071 ng/ul
RT: 17.438 min Scan# 3
Delta R.T. -0.017 min
Lab File: BM040622.D
Acq: 04 Jul 2023 21:31

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:178 Resp: 5249

Ion	Ratio	Lower	Upper
178	100		
179	22.5	12.9	19.3#
176	22.3	15.8	23.6

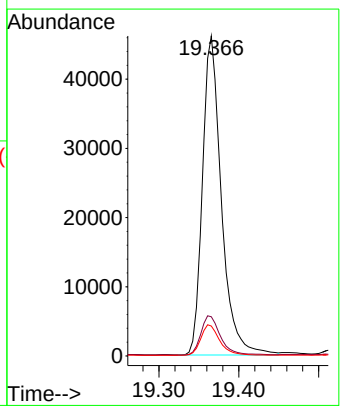


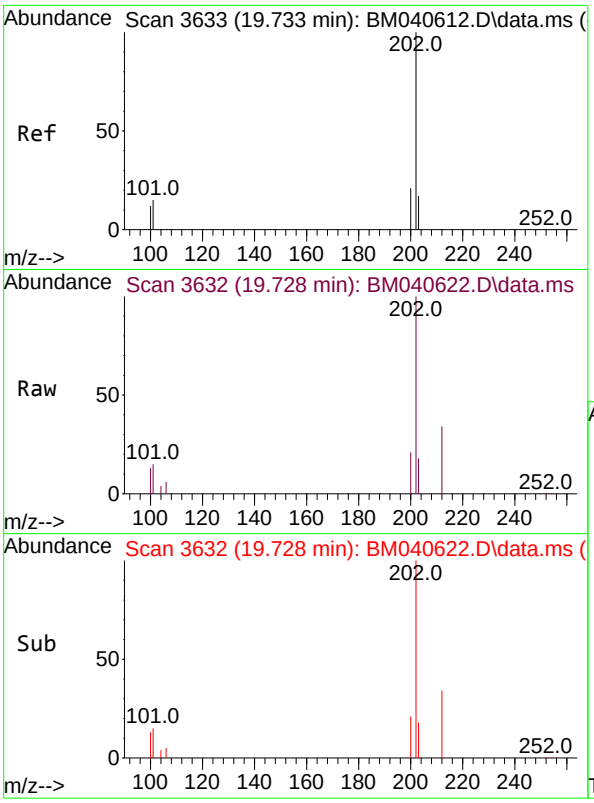


#19
Fluoranthene
Concen: 1.068 ng/ul
RT: 19.366 min Scan# 3554
Delta R.T. -0.014 min
Lab File: BM040622.D
Acq: 04 Jul 2023 21:31

Tgt Ion:202 Resp: 76047

Ion	Ratio	Lower	Upper
202	100		
101	12.2	11.4	17.0
100	9.4	8.7	13.1



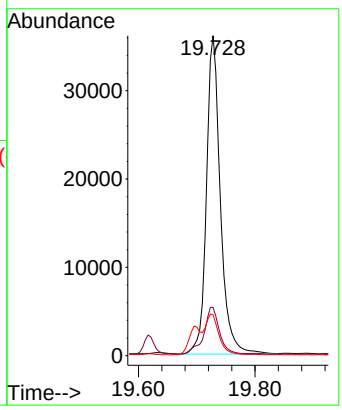


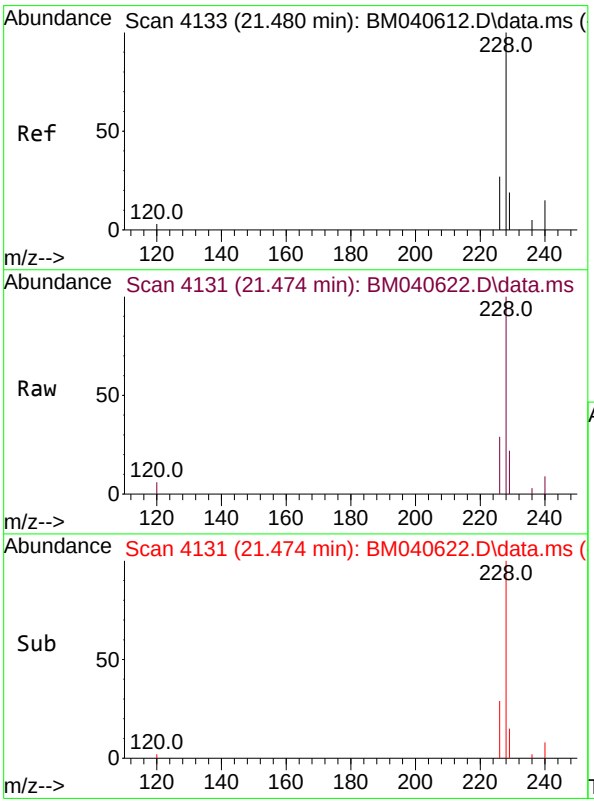
#20
Pyrene
Concen: 0.787 ng/ul
RT: 19.728 min Scan# 3
Delta R.T. -0.014 min
Lab File: BM040622.D
Acq: 04 Jul 2023 21:31

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:202 Resp: 60084

Ion	Ratio	Lower	Upper
202	100		
101	15.1	12.6	18.8
100	12.8	9.8	14.6

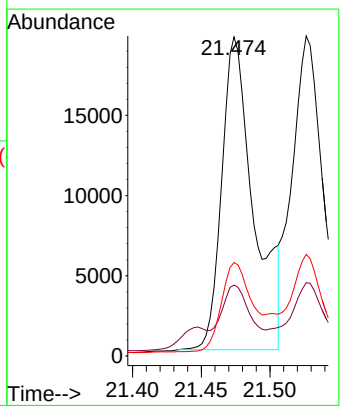


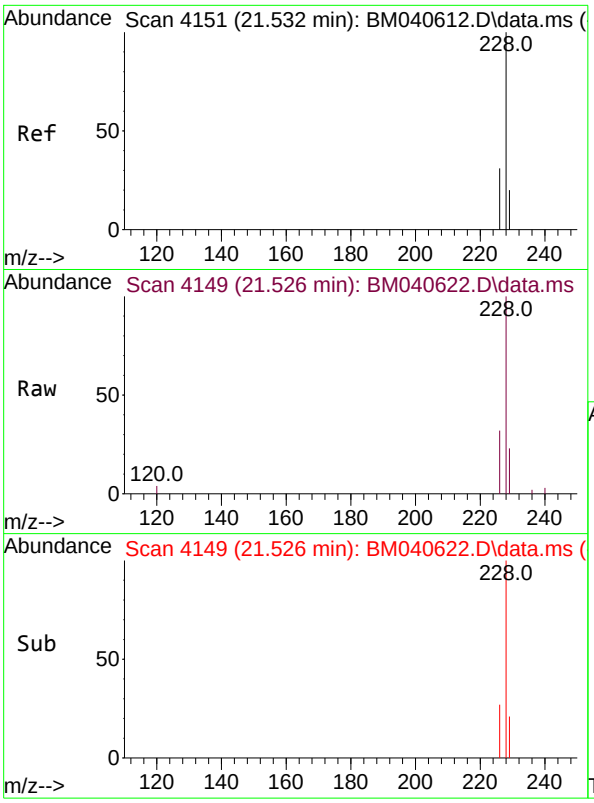


#21
Benzo(a)anthracene
Concen: 0.558 ng/ul
RT: 21.474 min Scan# 4131
Delta R.T. -0.015 min
Lab File: BM040622.D
Acq: 04 Jul 2023 21:31

Tgt Ion:228 Resp: 31637

Ion	Ratio	Lower	Upper
228	100		
229	22.2	16.0	24.0
226	29.3	22.3	33.5



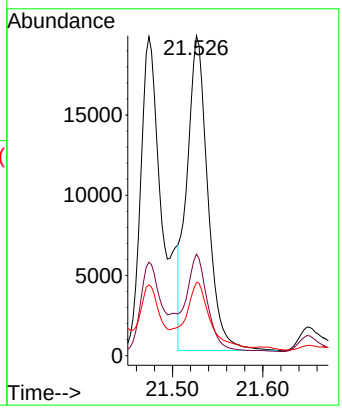


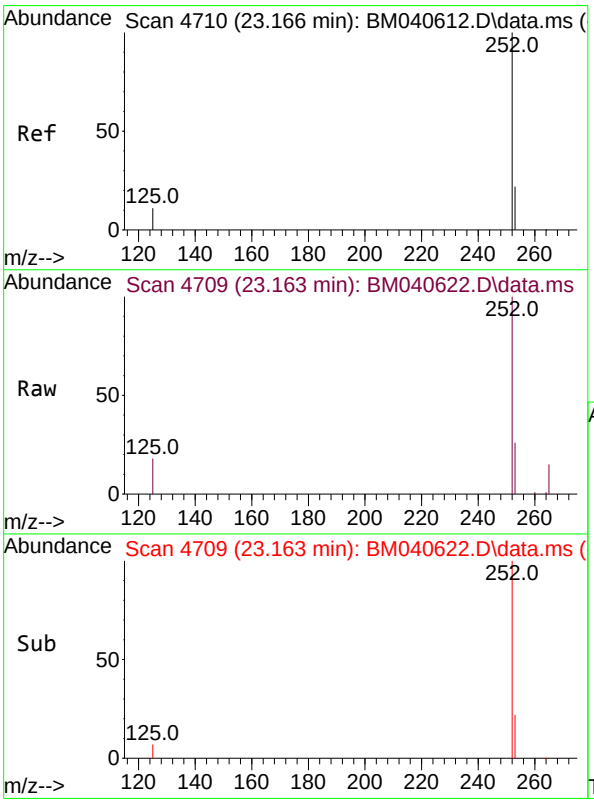
#22
Chrysene
Concen: 0.487 ng/ul
RT: 21.526 min Scan# 4
Delta R.T. -0.015 min
Lab File: BM040622.D
Acq: 04 Jul 2023 21:31

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:228 Resp: 31514

Ion	Ratio	Lower	Upper
228	100		
226	31.8	24.9	37.3
229	22.9	15.8	23.6

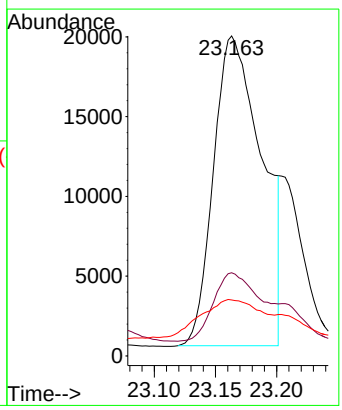


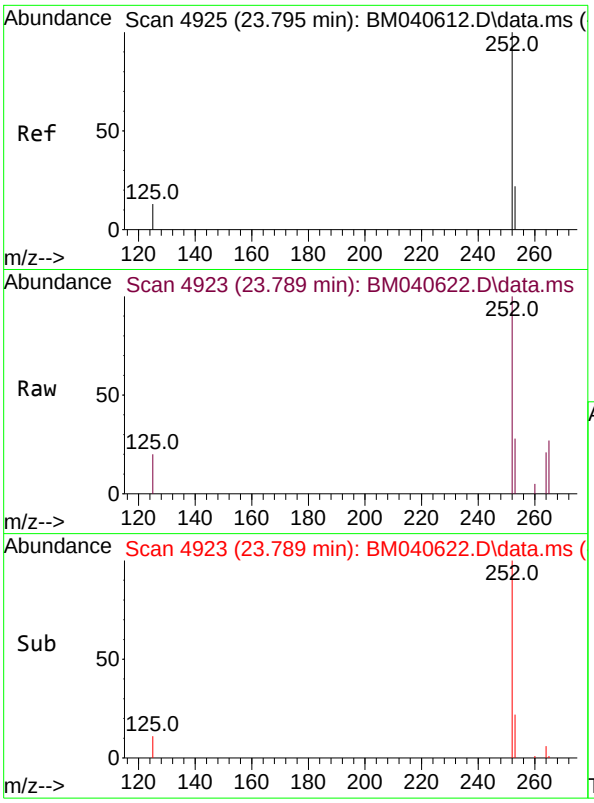


#24
Benzo(b)fluoranthene
Concen: 0.866 ng/ul
RT: 23.163 min Scan# 4709
Delta R.T. -0.018 min
Lab File: BM040622.D
Acq: 04 Jul 2023 21:31

Tgt Ion:252 Resp: 53141

Ion	Ratio	Lower	Upper
252	100		
253	26.0	0.0	52.8
125	17.5	0.0	43.0



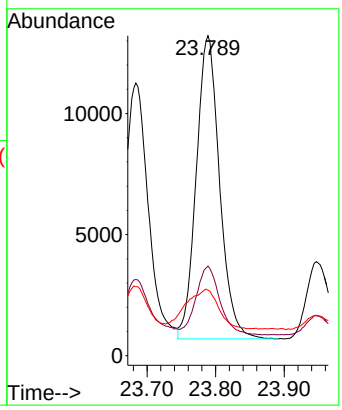


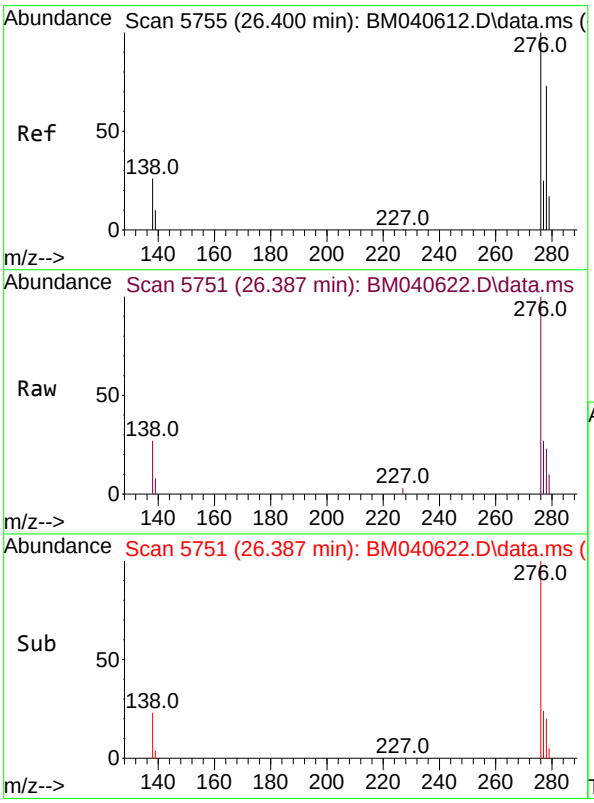
#26
Benzo(a)pyrene
Concen: 0.535 ng/ul
RT: 23.789 min Scan# 4
Delta R.T. -0.015 min
Lab File: BM040622.D
Acq: 04 Jul 2023 21:31

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 29583

Ion	Ratio	Lower	Upper
252	100		
253	28.0	22.9	34.3
125	20.5	21.0	31.4#

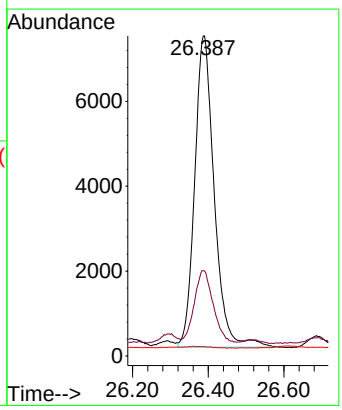


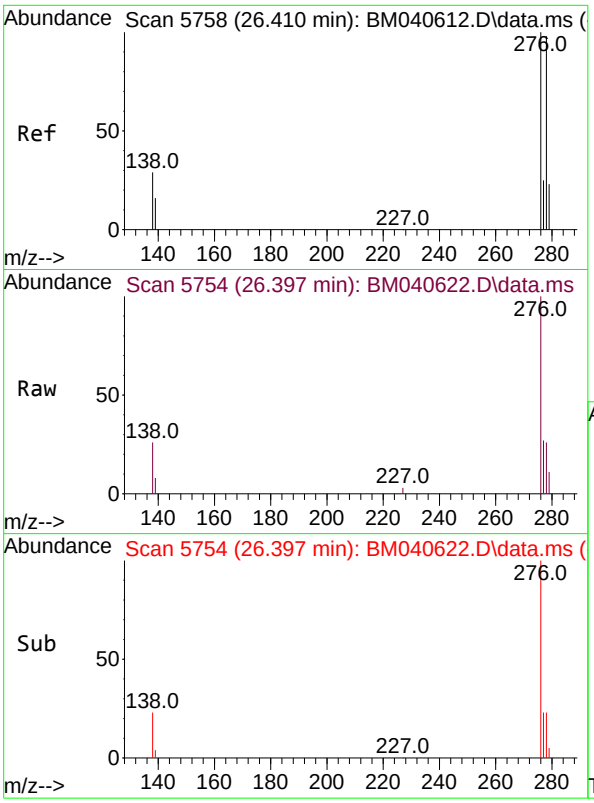


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.341 ng/ul
RT: 26.387 min Scan# 5751
Delta R.T. -0.030 min
Lab File: BM040622.D
Acq: 04 Jul 2023 21:31

Tgt Ion:276 Resp: 26286

Ion	Ratio	Lower	Upper
276	100		
138	22.8	24.5	36.7#
227	0.0	0.1	0.1#



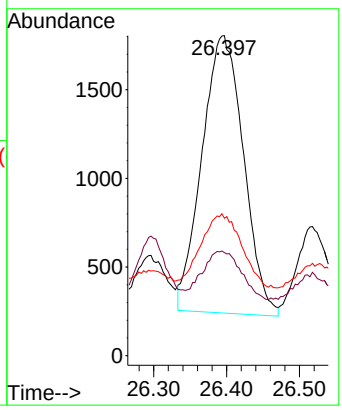


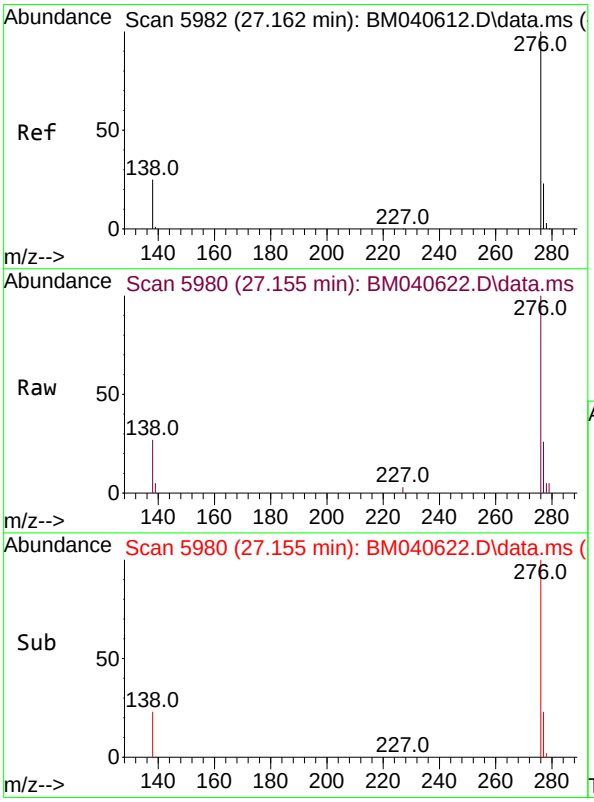
#28
Dibenzo(a,h)anthracene
Concen: 0.103 ng/ul
RT: 26.397 min Scan# 5
Delta R.T. -0.034 min
Lab File: BM040622.D
Acq: 04 Jul 2023 21:31

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:278 Resp: 6208

Ion	Ratio	Lower	Upper
278	100		
139	32.2	17.9	26.9#
279	42.9	22.0	33.0#





#29
Benzo(g,h,i)perylene
Concen: 0.373 ng/ul
RT: 27.155 min Scan# 5980
Delta R.T. -0.027 min
Lab File: BM040622.D
Acq: 04 Jul 2023 21:31

Tgt Ion:276 Resp: 25201

Ion	Ratio	Lower	Upper
276	100		
138	27.1	23.0	34.6
277	25.9	20.3	30.5