Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061824\
Data File : BM046073.D
Acq On : 19 Jun 2024 05:06
Operator : MA/JU
Sample : PB161358BS
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SLCS358

Quant Time: Jun 19 08:26:15 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 18 13:58:29 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.451	152	3781	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.233	136	11287	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.100	164	6312	0.400	ng/ul	-0.01
13) Phenanthrene-d10	16.850	188	12165	0.400	ng/ul	-0.01
17) Chrysene-d12	21.035	240	9389	0.400	ng/ul	0.00
23) Perylene-d12	23.130	264	12500	0.400	ng/ul	#-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.046	96	2931	0.565	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.849	152	5096	0.336	ng/ul	-0.02
18) Fluoranthene-d10	18.877	212	9524	0.339	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.071	88	8049	1.383	ng/ul#	73
5) Naphthalene	10.282	128	10630	0.338	ng/ul	96
7) 2-Methylnaphthalene	11.921	142	6194	0.350	ng/ul	99
8) 1-Methylnaphthalene	12.135	142	6386	0.329	ng/ul	99
10) Acenaphthylene	13.822	152	10548	0.352	ng/ul	97
11) Acenaphthene	14.164	153	7523	0.348	ng/ul	97
12) Fluorene	15.164	166	8019	0.346	ng/ul	99
14) Pentachlorophenol	16.542	266	1763	0.484	ng/ul	98
15) Phenanthrene	16.892	178	11625	0.340	ng/ul	97
16) Anthracene	16.994	178	9239	0.363	ng/ul	97
19) Fluoranthene	18.909	202	14578	0.359	ng/ul	100
20) Pyrene	19.267	202	15335	0.349	ng/ul	99
21) Benzo(a)anthracene	21.017	228	12903	0.356	ng/ul	99
22) Chrysene	21.070	228	15667	0.339	ng/ul	99
24) Benzo(b)fluoranthene	22.513	252	16078	0.357	ng/ul	96
25) Benzo(k)fluoranthene	22.551	252	17730	0.331	ng/ul	95
26) Benzo(a)pyrene	23.042	252	16062	0.385	ng/ul	91
27) Indeno(1,2,3-cd)pyrene	25.185	276	21354	0.313	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.199	278	16598	0.326	ng/ul	96
29) Benzo(g,h,i)perylene	25.812	276	18374	0.314	ng/ul	99

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061824\
Data File : BM046073.D
Acq On : 19 Jun 2024 05:06
Operator : MA/JU
Sample : PB161358BS
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SLCS358

Quant Time: Jun 19 08:26:15 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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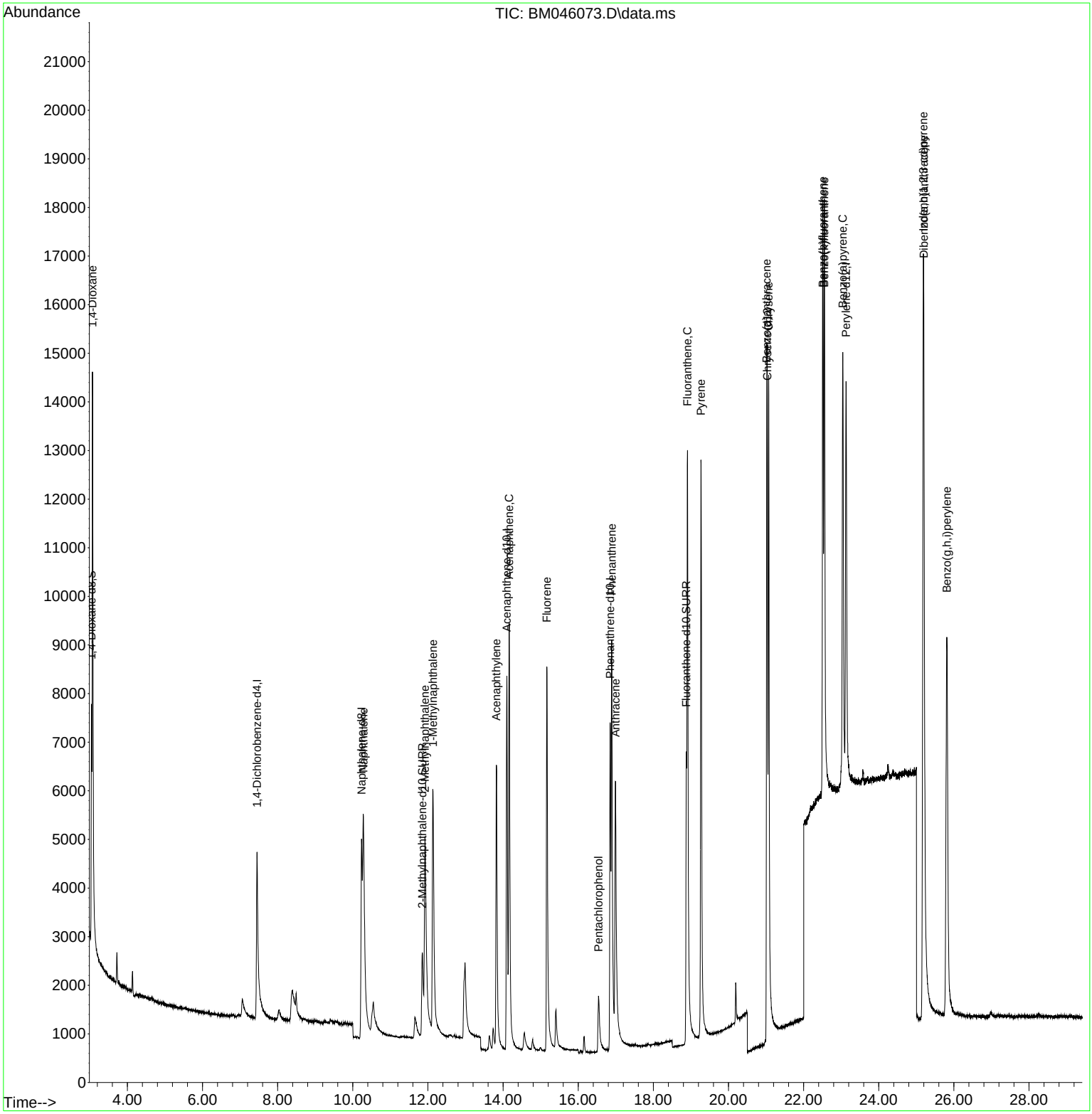
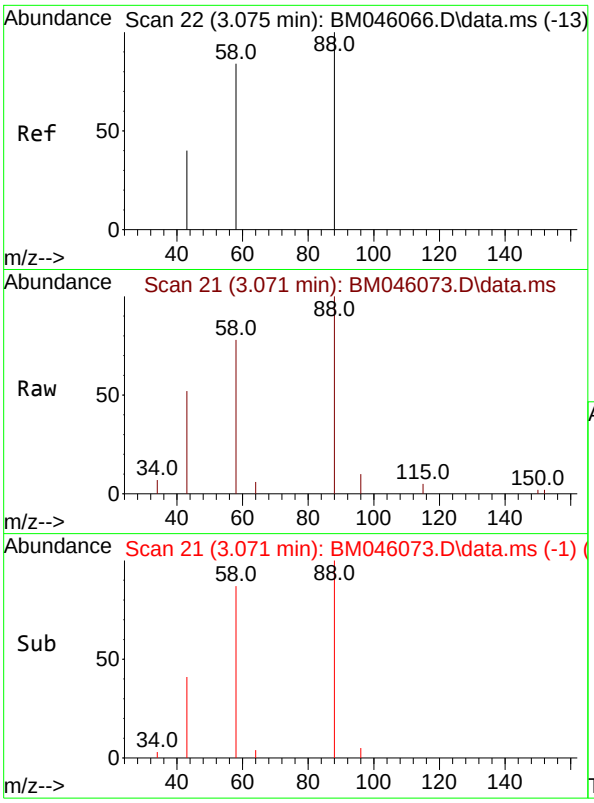


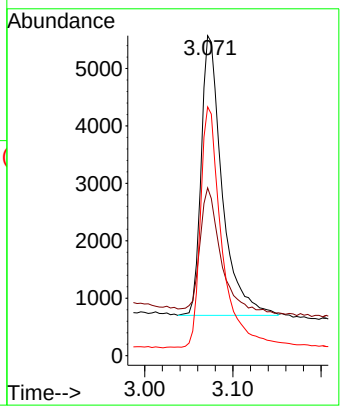


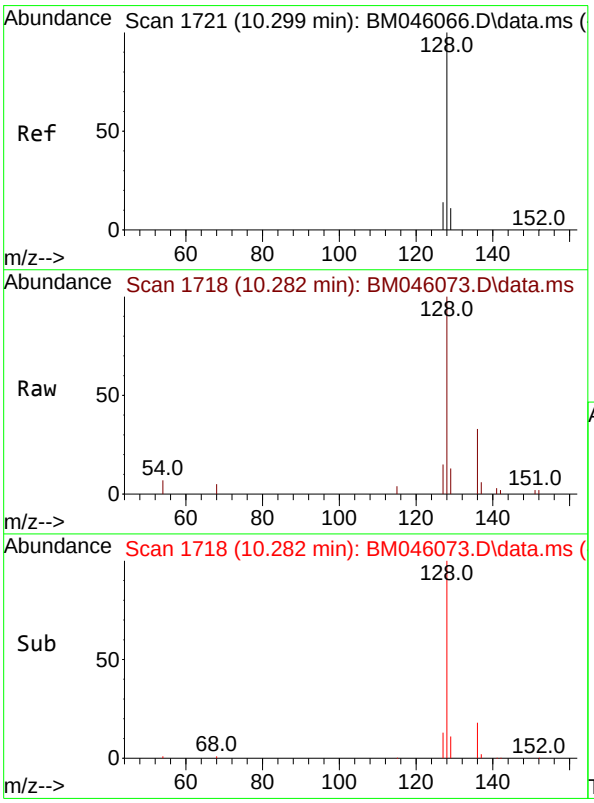
#2
1,4-Dioxane
Concen: 1.383 ng/ul
RT: 3.071 min Scan# 2
Delta R.T. -0.004 min
Lab File: BM046073.D
Acq: 19 Jun 2024 05:06

Instrument :
BNA_M
ClientSampleId :
SLCS358

Tgt Ion: 88 Resp: 8049

Ion	Ratio	Lower	Upper
88	100		
43	52.5	69.8	104.8#
58	77.8	53.2	79.8

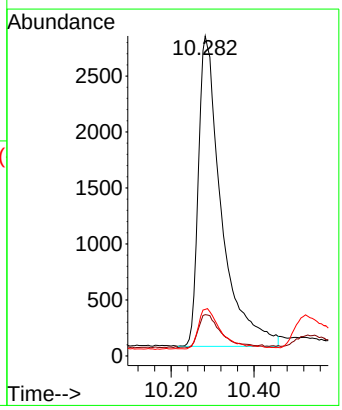


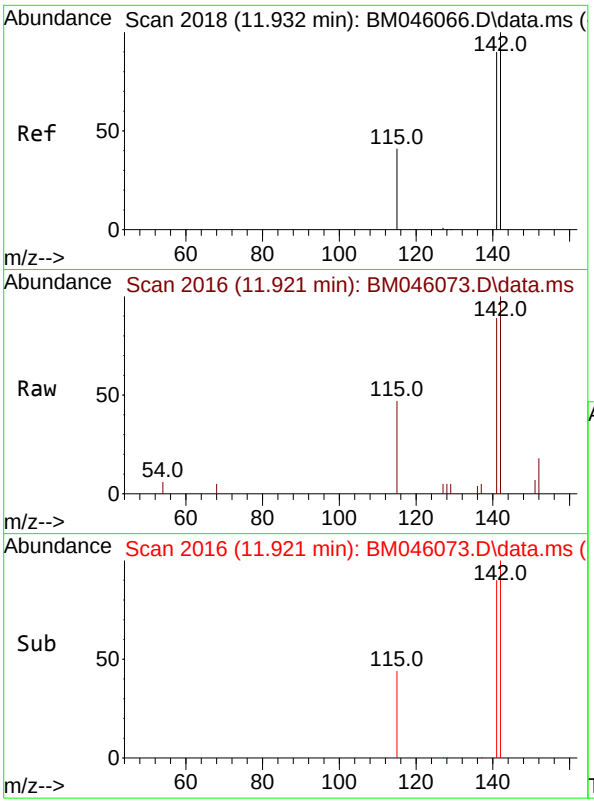


#5
Naphthalene
Concen: 0.338 ng/ul
RT: 10.282 min Scan# 1718
Delta R.T. -0.021 min
Lab File: BM046073.D
Acq: 19 Jun 2024 05:06

Tgt Ion:128 Resp: 10630

Ion	Ratio	Lower	Upper
128	100		
129	12.9	11.8	17.6
127	14.6	12.8	19.2



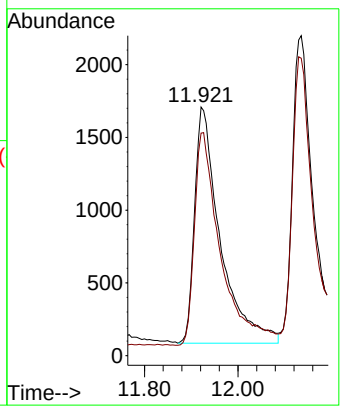


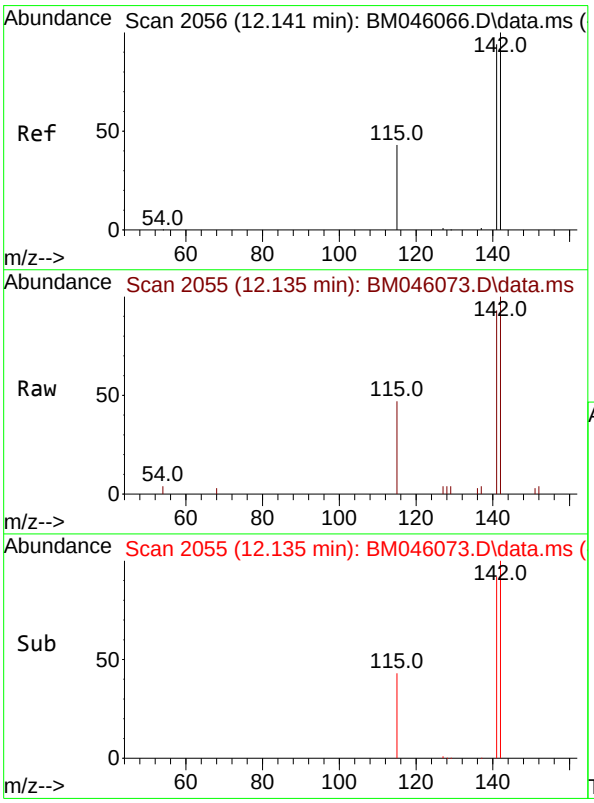
#7
2-Methylnaphthalene
Concen: 0.350 ng/ul
RT: 11.921 min Scan# 2
Delta R.T. -0.026 min
Lab File: BM046073.D
Acq: 19 Jun 2024 05:06

Instrument :
BNA_M
ClientSampleId :
SLCS358

Tgt Ion:142 Resp: 6194

Ion	Ratio	Lower	Upper
142	100		
141	92.5	74.6	111.8

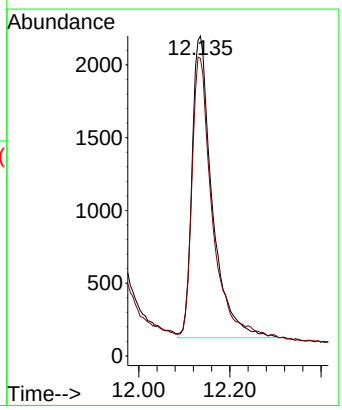


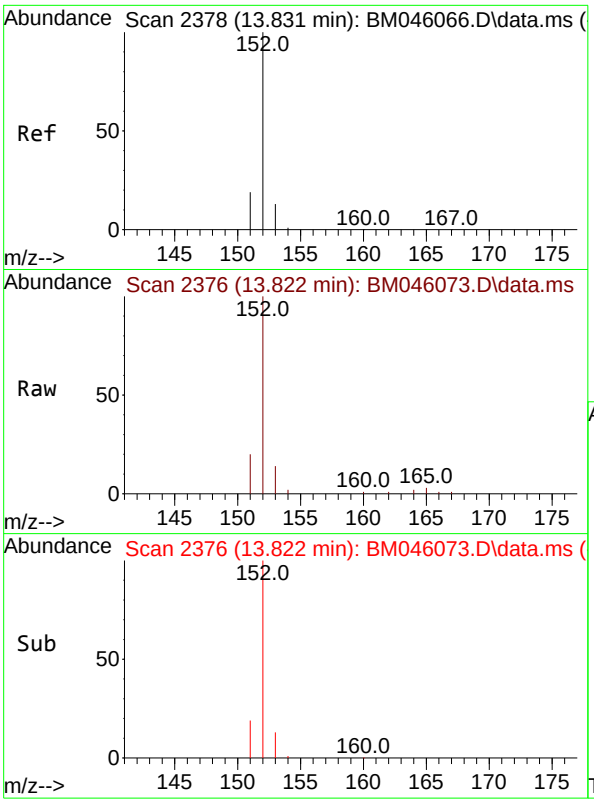


#8
1-Methylnaphthalene
Concen: 0.329 ng/ul
RT: 12.135 min Scan# 2055
Delta R.T. -0.015 min
Lab File: BM046073.D
Acq: 19 Jun 2024 05:06

Tgt Ion:142 Resp: 6386

Ion	Ratio	Lower	Upper
142	100		
141	92.6	75.2	112.8



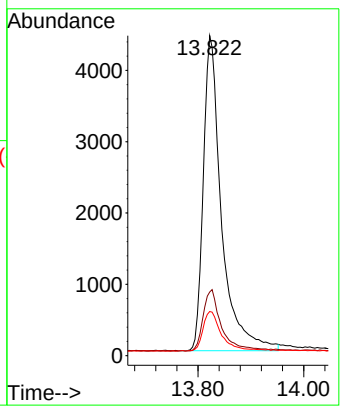


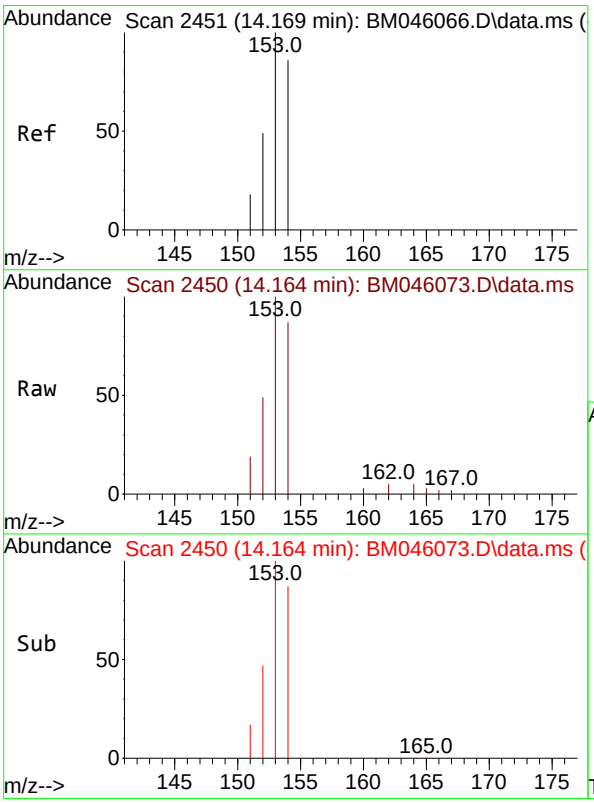
#10
Acenaphthylene
Concen: 0.352 ng/ul
RT: 13.822 min Scan# 2
Delta R.T. -0.012 min
Lab File: BM046073.D
Acq: 19 Jun 2024 05:06

Instrument :
BNA_M
ClientSampleId :
SLCS358

Tgt Ion:152 Resp: 10548

Ion	Ratio	Lower	Upper
152	100		
151	19.9	17.4	26.2
153	13.8	11.8	17.8

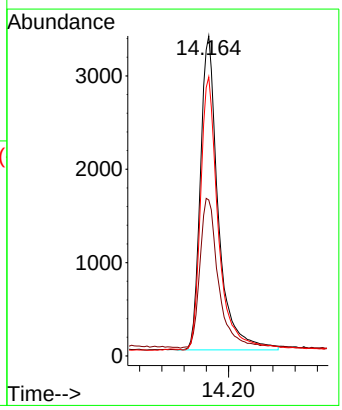


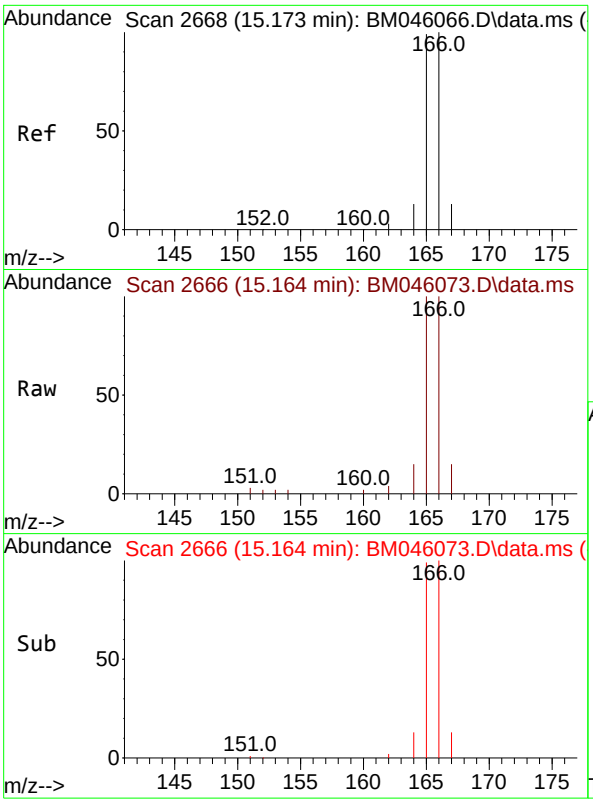


#11
Acenaphthene
Concen: 0.348 ng/ul
RT: 14.164 min Scan# 2450
Delta R.T. -0.008 min
Lab File: BM046073.D
Acq: 19 Jun 2024 05:06

Tgt Ion:153 Resp: 7523

Ion	Ratio	Lower	Upper
153	100		
152	48.7	41.3	61.9
154	87.2	68.2	102.4



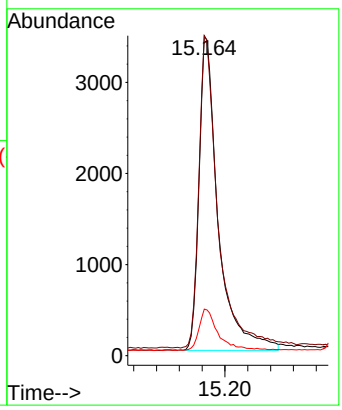


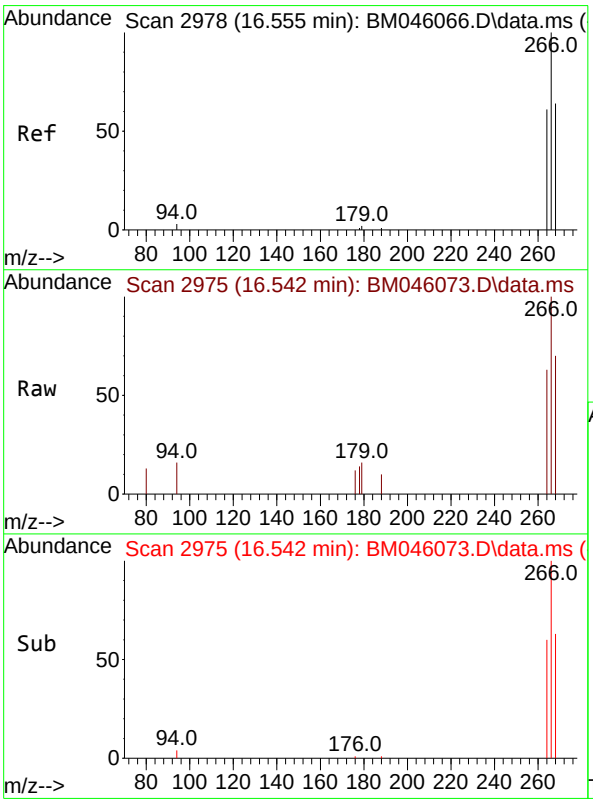
#12
Fluorene
Concen: 0.346 ng/ul
RT: 15.164 min Scan# 2
Delta R.T. -0.017 min
Lab File: BM046073.D
Acq: 19 Jun 2024 05:06

Instrument :
BNA_M
ClientSampleId :
SLCS358

Tgt Ion:166 Resp: 8019

Ion	Ratio	Lower	Upper
166	100		
165	100.1	80.4	120.6
167	14.6	12.4	18.6

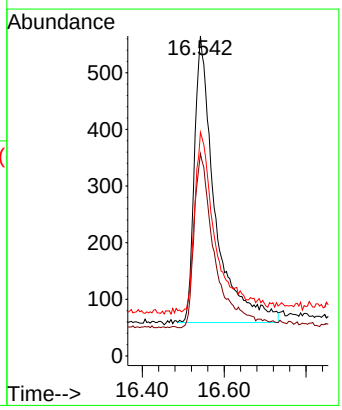


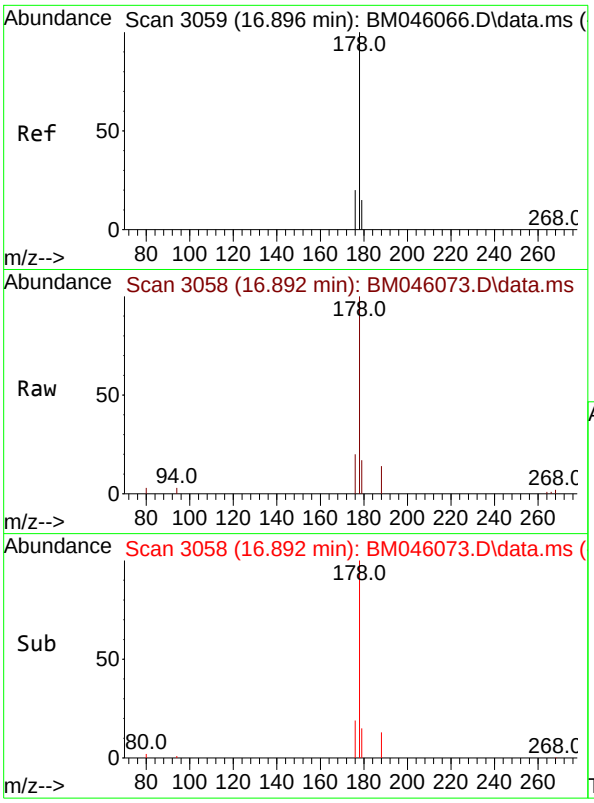


#14
Pentachlorophenol
Concen: 0.484 ng/ul
RT: 16.542 min Scan# 2975
Delta R.T. -0.024 min
Lab File: BM046073.D
Acq: 19 Jun 2024 05:06

Tgt Ion:266 Resp: 1763

Ion	Ratio	Lower	Upper
266	100		
264	61.8	50.9	76.3
268	63.9	52.3	78.5



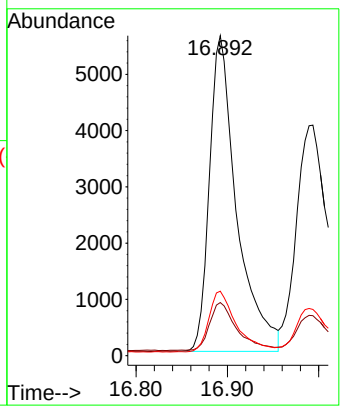


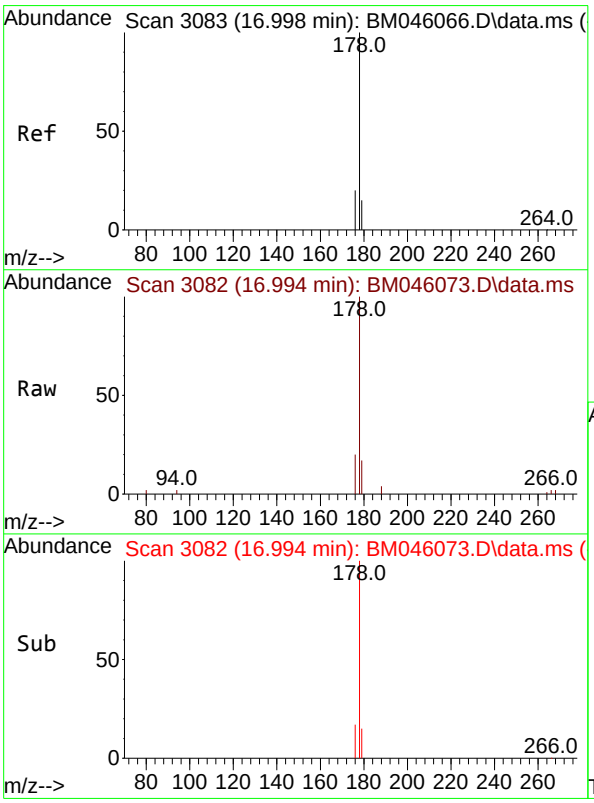
#15
Phenanthrene
Concen: 0.340 ng/ul
RT: 16.892 min Scan# 3
Delta R.T. -0.011 min
Lab File: BM046073.D
Acq: 19 Jun 2024 05:06

Instrument :
BNA_M
ClientSampleId :
SLCS358

Tgt Ion:178 Resp: 11625

Ion	Ratio	Lower	Upper
178	100		
179	16.6	14.2	21.2
176	20.1	17.1	25.7

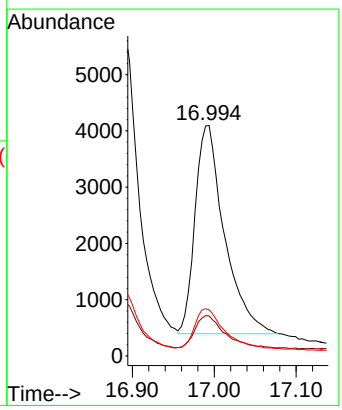


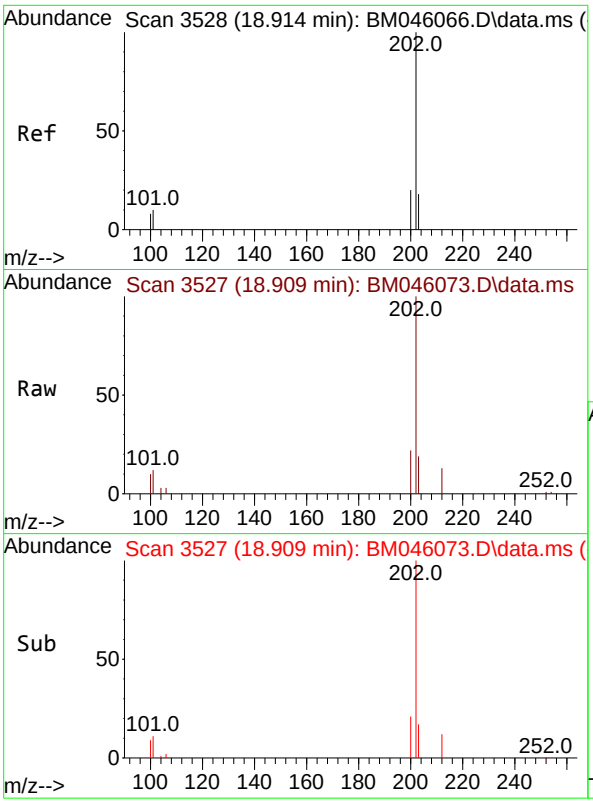


#16
Anthracene
Concen: 0.363 ng/ul
RT: 16.994 min Scan# 3082
Delta R.T. -0.011 min
Lab File: BM046073.D
Acq: 19 Jun 2024 05:06

Tgt Ion:178 Resp: 9239

Ion	Ratio	Lower	Upper
178	100		
179	17.3	14.9	22.3
176	20.1	17.0	25.4



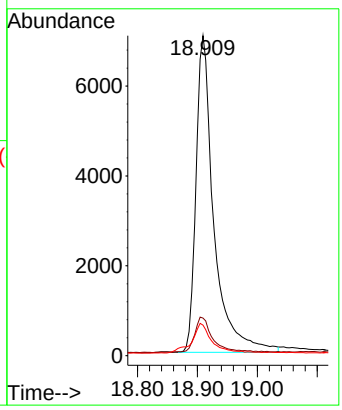


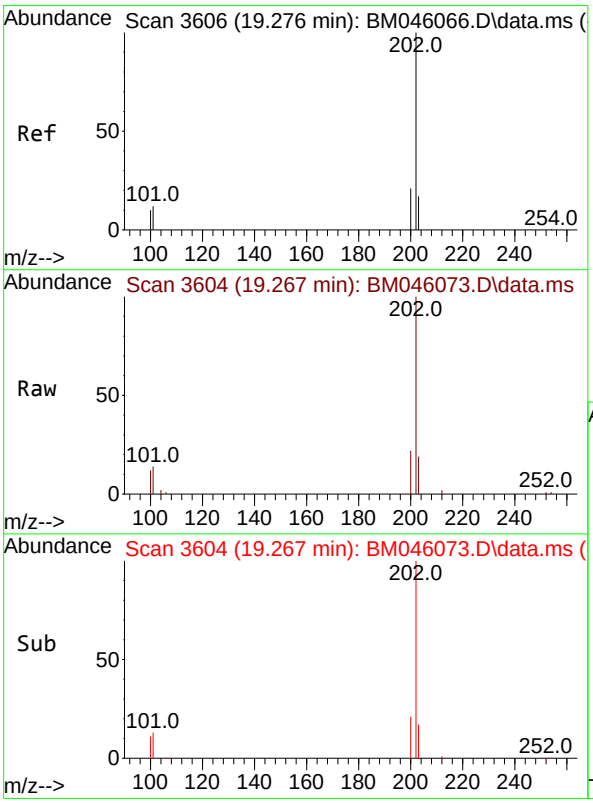
#19
Fluoranthene
Concen: 0.359 ng/ul
RT: 18.909 min Scan# 3
Delta R.T. -0.008 min
Lab File: BM046073.D
Acq: 19 Jun 2024 05:06

Instrument :
BNA_M
ClientSampleId :
SLCS358

Tgt Ion:202 Resp: 14578

Ion	Ratio	Lower	Upper
202	100		
101	11.7	9.6	14.4
100	9.5	7.6	11.4

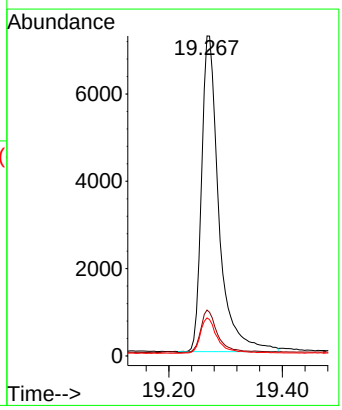


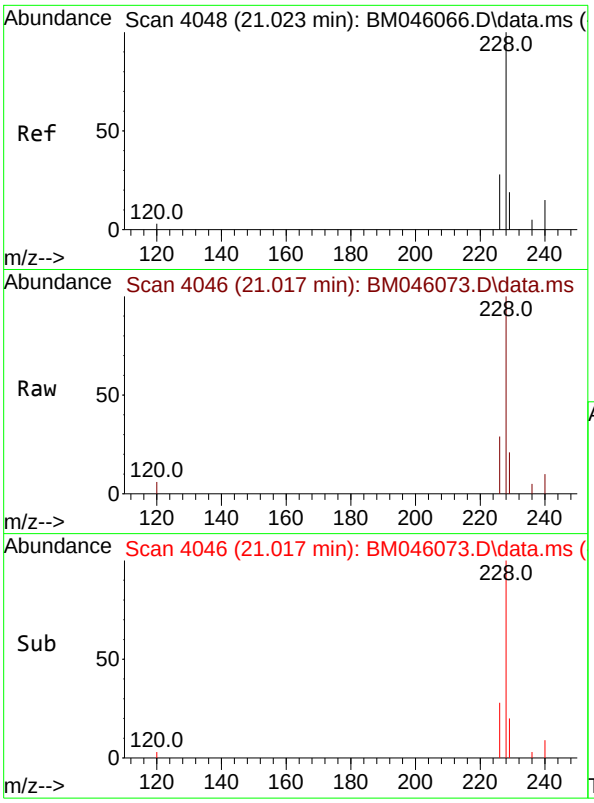


#20
Pyrene
Concen: 0.349 ng/ul
RT: 19.267 min Scan# 3604
Delta R.T. -0.008 min
Lab File: BM046073.D
Acq: 19 Jun 2024 05:06

Tgt Ion:202 Resp: 15335

Ion	Ratio	Lower	Upper
202	100		
101	14.3	11.3	16.9
100	11.9	9.8	14.6



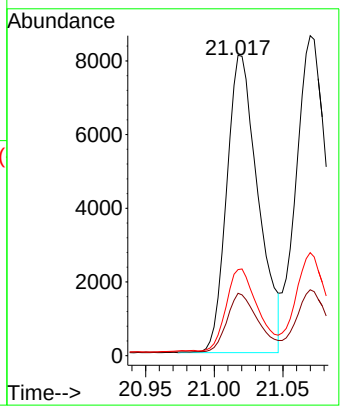


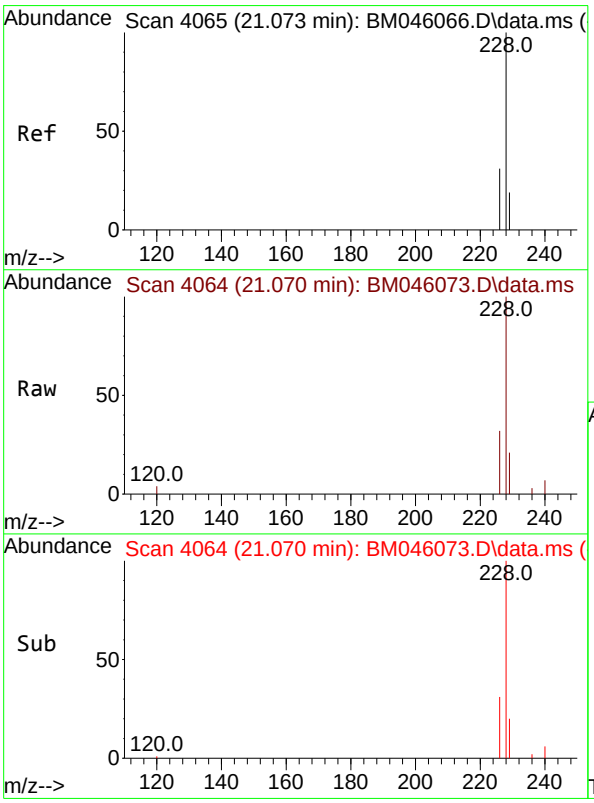
#21
Benzo(a)anthracene
Concen: 0.356 ng/ul
RT: 21.017 min Scan# 4
Delta R.T. -0.012 min
Lab File: BM046073.D
Acq: 19 Jun 2024 05:06

Instrument :
BNA_M
ClientSampleId :
SLCS358

Tgt Ion:228 Resp: 12903

Ion	Ratio	Lower	Upper
228	100		
229	20.8	16.4	24.6
226	28.7	23.4	35.2

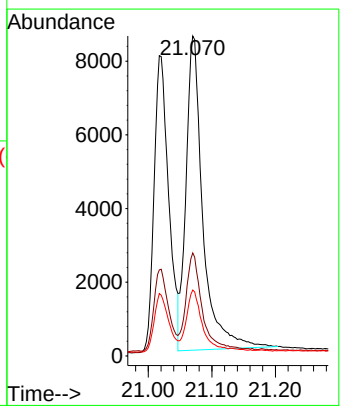


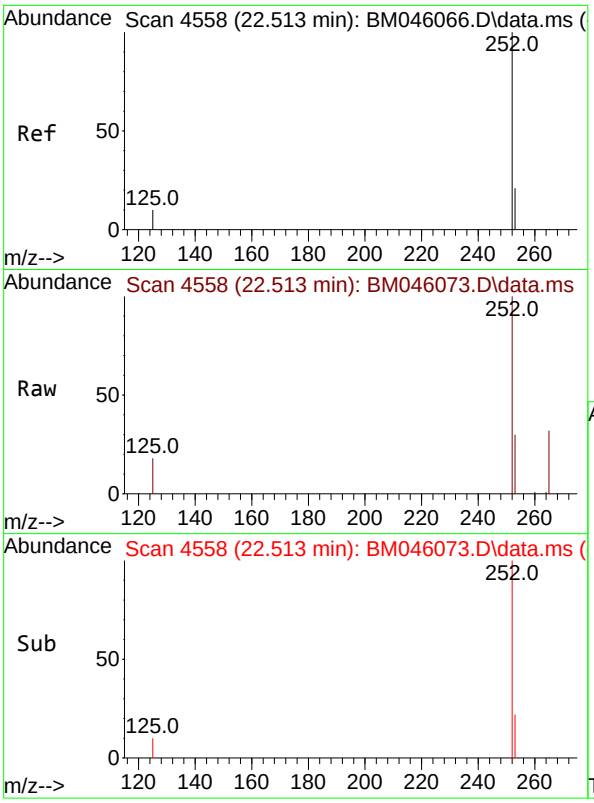


#22
Chrysene
Concen: 0.339 ng/ul
RT: 21.070 min Scan# 4064
Delta R.T. -0.006 min
Lab File: BM046073.D
Acq: 19 Jun 2024 05:06

Tgt Ion:228 Resp: 15667

Ion	Ratio	Lower	Upper
228	100		
226	32.2	25.2	37.8
229	20.6	16.3	24.5



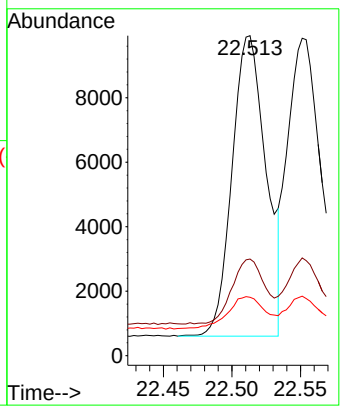


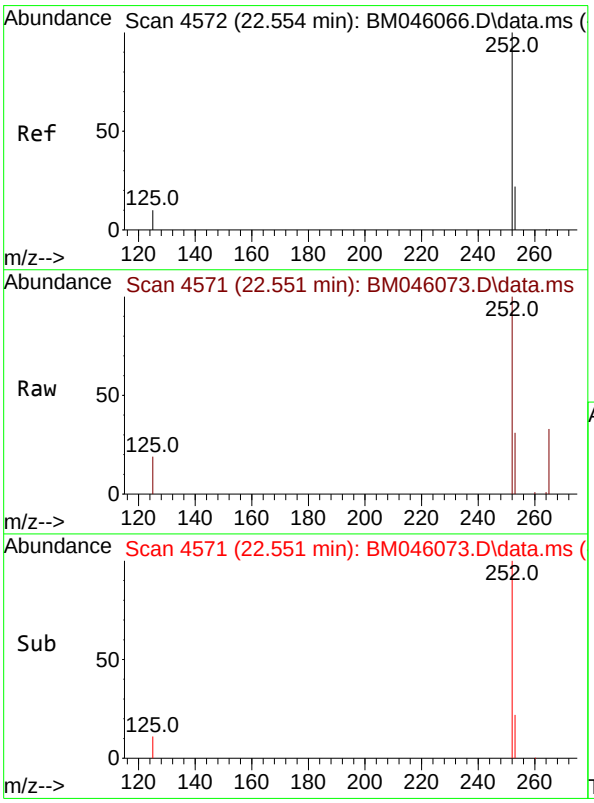
#24
Benzo(b)fluoranthene
Concen: 0.357 ng/ul
RT: 22.513 min Scan# 4
Delta R.T. -0.006 min
Lab File: BM046073.D
Acq: 19 Jun 2024 05:06

Instrument :
BNA_M
ClientSampleId :
SLCS358

Tgt Ion:252 Resp: 16078

Ion	Ratio	Lower	Upper
252	100		
253	30.2	0.0	65.8
125	18.3	0.0	40.2

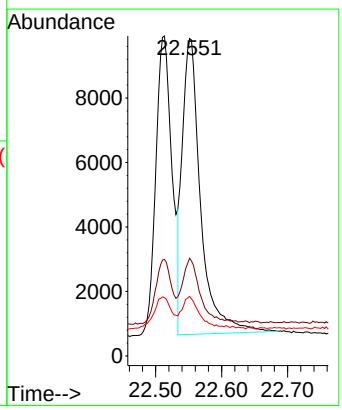


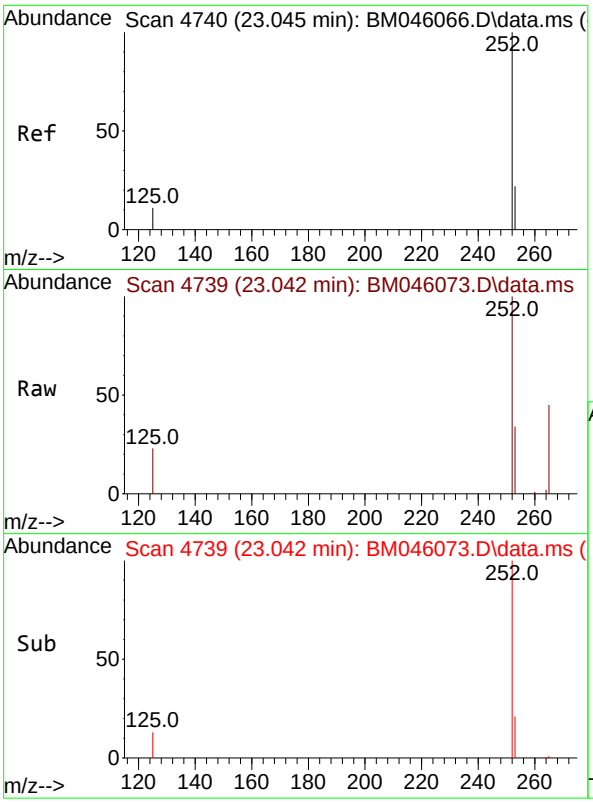


#25
Benzo(k)fluoranthene
Concen: 0.331 ng/ul
RT: 22.551 min Scan# 4571
Delta R.T. -0.012 min
Lab File: BM046073.D
Acq: 19 Jun 2024 05:06

Tgt Ion:252 Resp: 17730

Ion	Ratio	Lower	Upper
252	100		
253	30.8	27.2	40.8
125	18.8	16.6	25.0



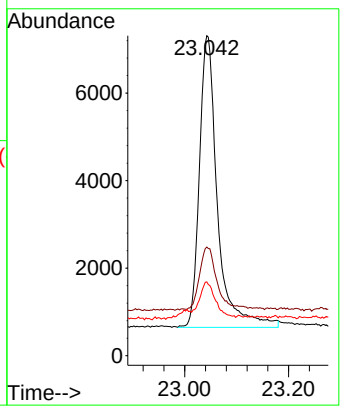


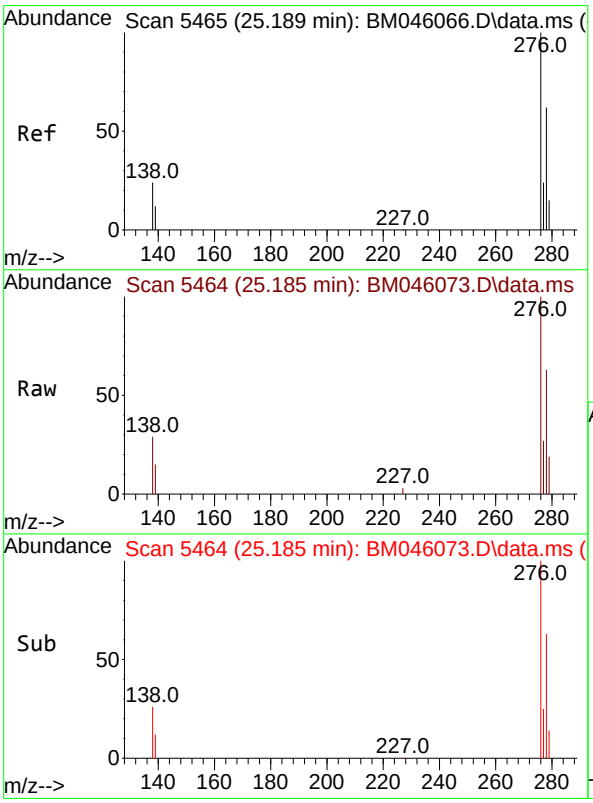
#26
Benzo(a)pyrene
Concen: 0.385 ng/ul
RT: 23.042 min Scan# 4
Delta R.T. -0.012 min
Lab File: BM046073.D
Acq: 19 Jun 2024 05:06

Instrument :
BNA_M
ClientSampleId :
SLCS358

Tgt Ion:252 Resp: 16062

Ion	Ratio	Lower	Upper
252	100		
253	34.0	32.1	48.1
125	23.0	21.2	31.8

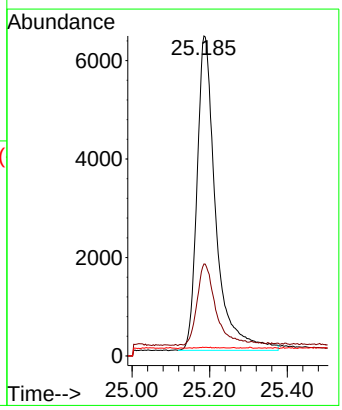


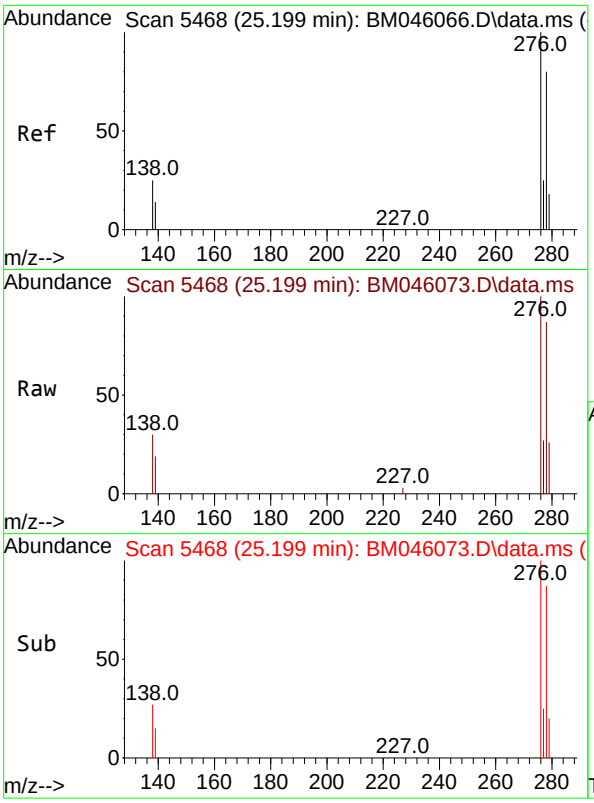


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.313 ng/ul
RT: 25.185 min Scan# 5464
Delta R.T. -0.017 min
Lab File: BM046073.D
Acq: 19 Jun 2024 05:06

Tgt Ion:276 Resp: 21354

Ion	Ratio	Lower	Upper
276	100		
138	26.1	21.0	31.4
227	0.3	0.0	0.0#



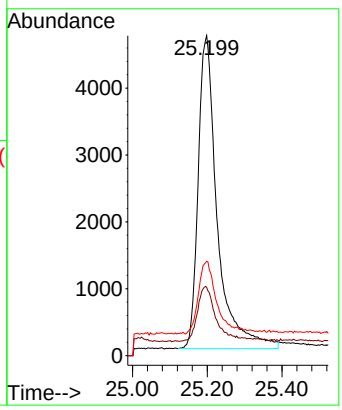


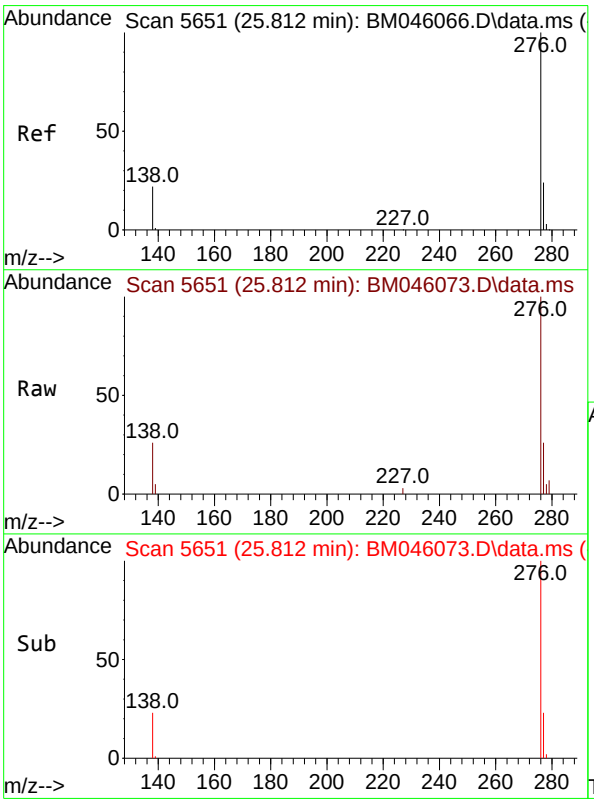
#28
Dibenzo(a,h)anthracene
Concen: 0.326 ng/ul
RT: 25.199 min Scan# 54
Delta R.T. -0.017 min
Lab File: BM046073.D
Acq: 19 Jun 2024 05:06

Instrument :
BNA_M
ClientSampleId :
SLCS358

Tgt Ion:278 Resp: 16598

Ion	Ratio	Lower	Upper
278	100		
139	21.4	17.6	26.4
279	29.5	26.3	39.5





#29
Benzo(g,h,i)perylene
Concen: 0.314 ng/ul
RT: 25.812 min Scan# 5651
Delta R.T. -0.017 min
Lab File: BM046073.D
Acq: 19 Jun 2024 05:06

Tgt Ion:276 Resp: 18374

Ion	Ratio	Lower	Upper
276	100		
138	26.4	21.7	32.5
277	25.7	20.4	30.6