Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012125\
Data File : BM049364.D
Acq On : 21 Jan 2025 13:35
Operator : RC/JU
Sample : PB166143BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SLCS143

Quant Time: Jan 21 22:48:51 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM011725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 17 15:40:55 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.531	152	5375	0.400	ng/ul	0.00
4) Naphthalene-d8	10.292	136	15964	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.168	164	9279	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.921	188	17881	0.400	ng/ul	0.00
17) Chrysene-d12	21.123	240	14424	0.400	ng/ul	0.00
23) Perylene-d12	23.271	264	14011	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.126	96	4718	0.754	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.892	152	9383	0.462	ng/ul	0.00
18) Fluoranthene-d10	18.954	212	19806	0.402	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.156	88	13303	1.889	ng/ul#	86
5) Naphthalene	10.341	128	16940	0.432	ng/ul	100
7) 2-Methylnaphthalene	11.969	142	10086	0.434	ng/ul	100
8) 1-Methylnaphthalene	12.184	142	10636	0.430	ng/ul	100
10) Acenaphthylene	13.881	152	14189	0.412	ng/ul	99
11) Acenaphthene	14.228	153	11288	0.414	ng/ul	99
12) Fluorene	15.227	166	12361	0.437	ng/ul	99
14) Pentachlorophenol	16.583	266	3041	0.882	ng/ul	98
15) Phenanthrene	16.963	178	18668	0.451	ng/ul	99
16) Anthracene	17.060	178	16230	0.442	ng/ul	99
19) Fluoranthene	18.987	202	23770	0.382	ng/ul	97
20) Pyrene	19.349	202	24765	0.386	ng/ul	98
21) Benzo(a)anthracene	21.108	228	17974	0.434	ng/ul	100
22) Chrysene	21.158	228	22874	0.403	ng/ul	99
24) Benzo(b)fluoranthene	22.634	252	19273	0.419	ng/ul	97
25) Benzo(k)fluoranthene	22.674	252	22863	0.426	ng/ul	97
26) Benzo(a)pyrene	23.180	252	18334	0.441	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	25.397	276	23284	0.412	ng/ul#	99
28) Dibenzo(a,h)anthracene	25.414	278	17663	0.433	ng/ul	92
29) Benzo(g,h,i)perylene	26.038	276	20996	0.419	ng/ul	98

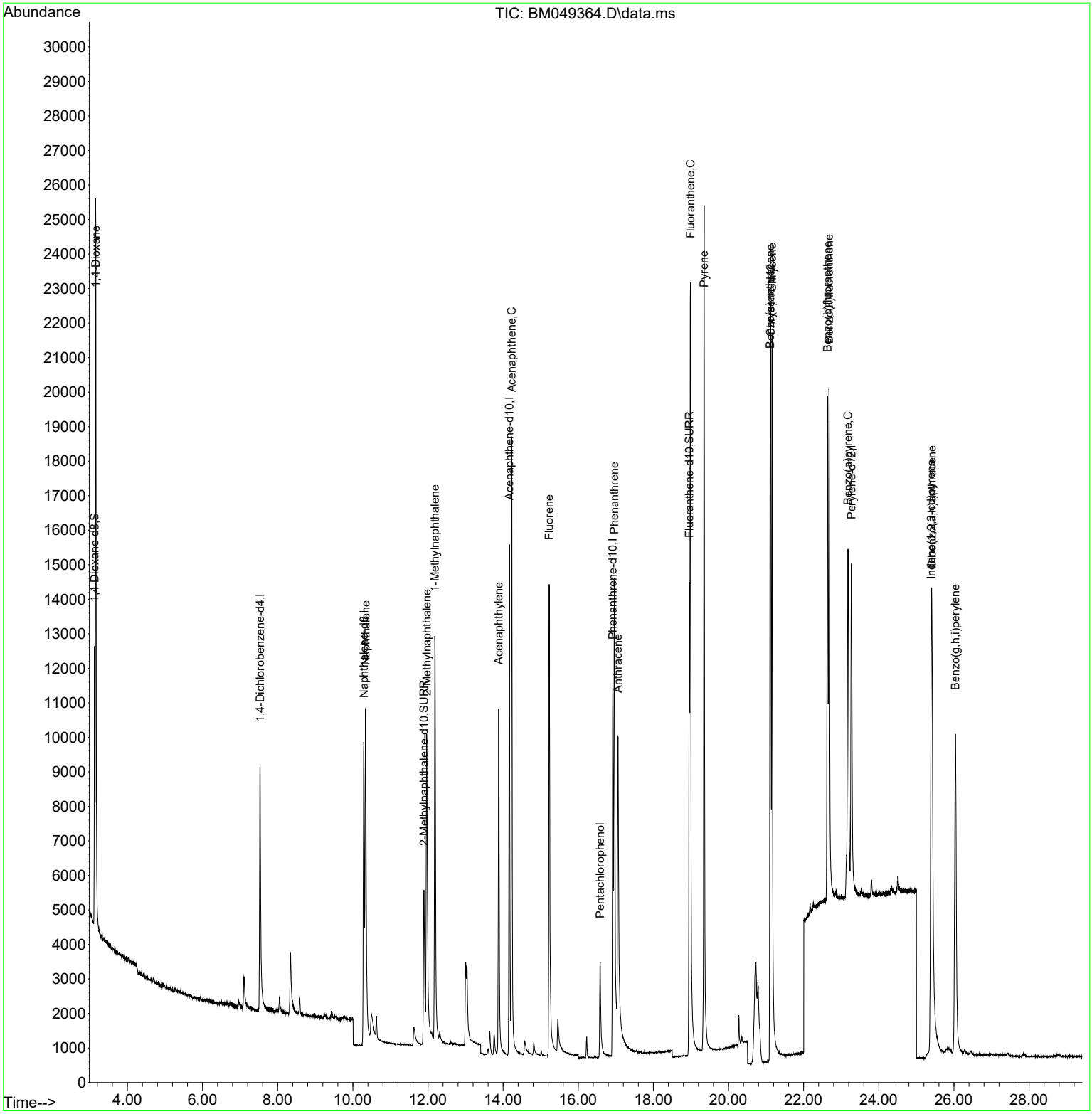
(#) = qualifier out of range (m) = manual integration (+) = signals summed

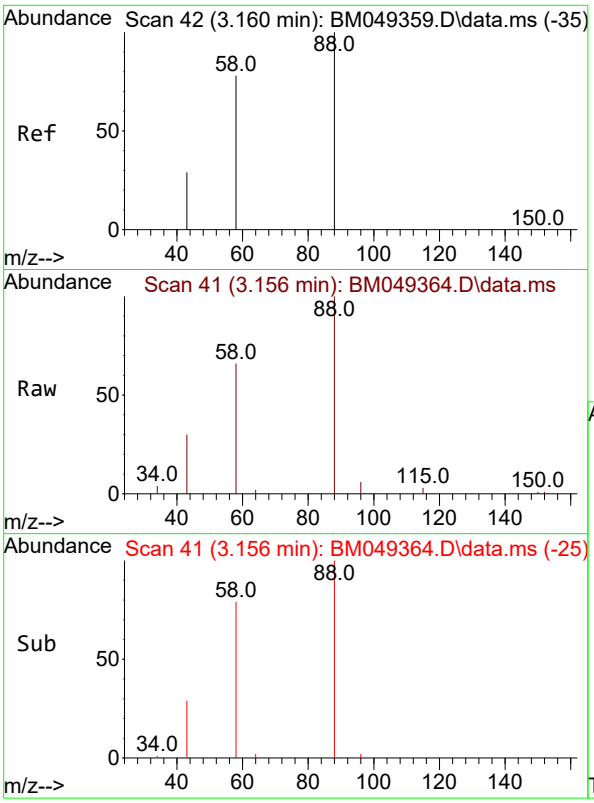
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012125\
Data File : BM049364.D
Acq On : 21 Jan 2025 13:35
Operator : RC/JU
Sample : PB166143BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SLCS143

Quant Time: Jan 21 22:48:51 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM011725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 17 15:40:55 2025
Response via : Initial Calibration



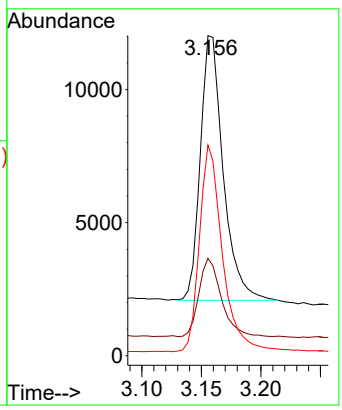


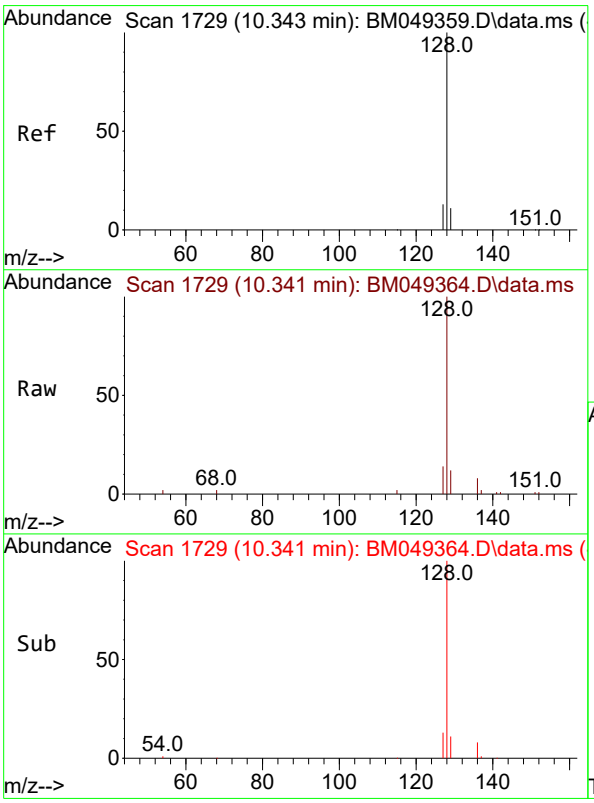
#2
1,4-Dioxane
Concen: 1.889 ng/ul
RT: 3.156 min Scan# 4
Delta R.T. -0.004 min
Lab File: BM049364.D
Acq: 21 Jan 2025 13:35

Instrument :
BNA_M
ClientSampleId :
SLCS143

Tgt Ion: 88 Resp: 13303

Ion	Ratio	Lower	Upper
88	100		
43	30.4	26.2	39.2
58	65.8	41.4	62.0#

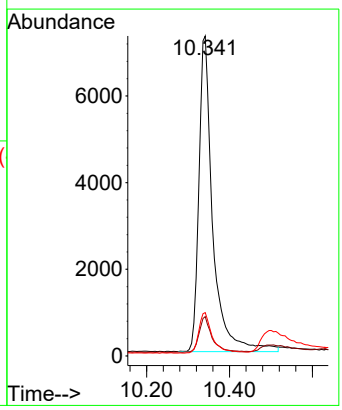


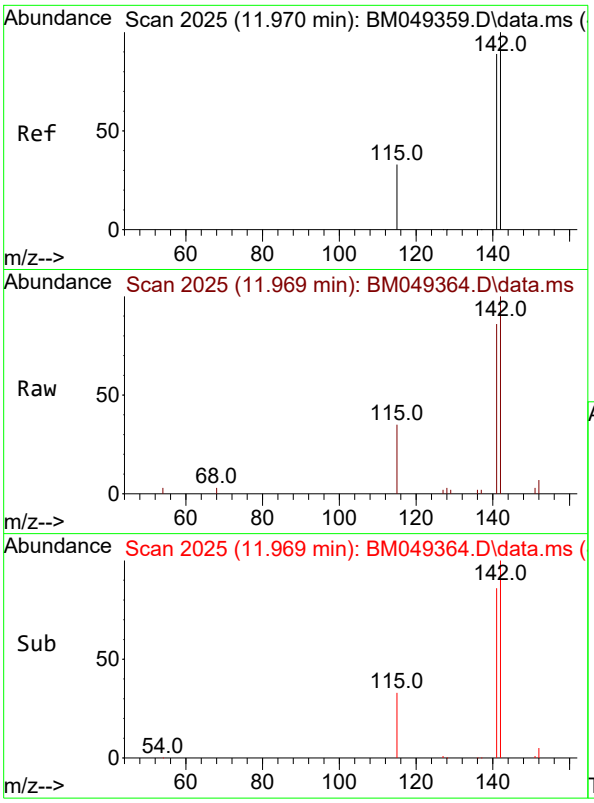


#5
Naphthalene
Concen: 0.432 ng/ul
RT: 10.341 min Scan# 1729
Delta R.T. -0.000 min
Lab File: BM049364.D
Acq: 21 Jan 2025 13:35

Tgt Ion:128 Resp: 16940

Ion	Ratio	Lower	Upper
128	100		
129	12.3	9.7	14.5
127	13.5	10.7	16.1



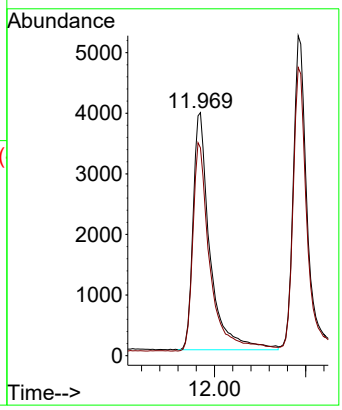


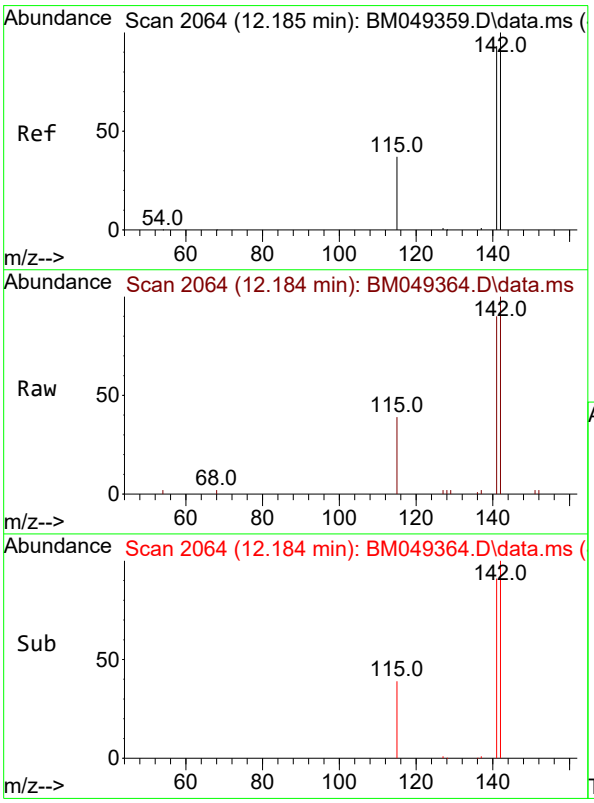
#7
2-Methylnaphthalene
Concen: 0.434 ng/ul
RT: 11.969 min Scan# 2
Delta R.T. -0.000 min
Lab File: BM049364.D
Acq: 21 Jan 2025 13:35

Instrument :
BNA_M
ClientSampleId :
SLCS143

Tgt Ion:142 Resp: 10086

Ion	Ratio	Lower	Upper
142	100		
141	89.6	71.4	107.0

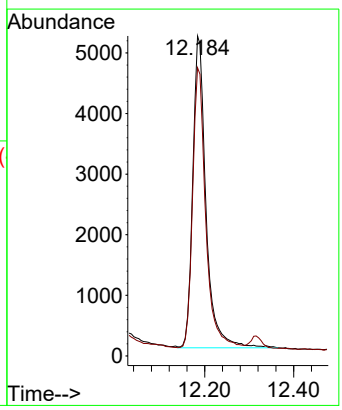


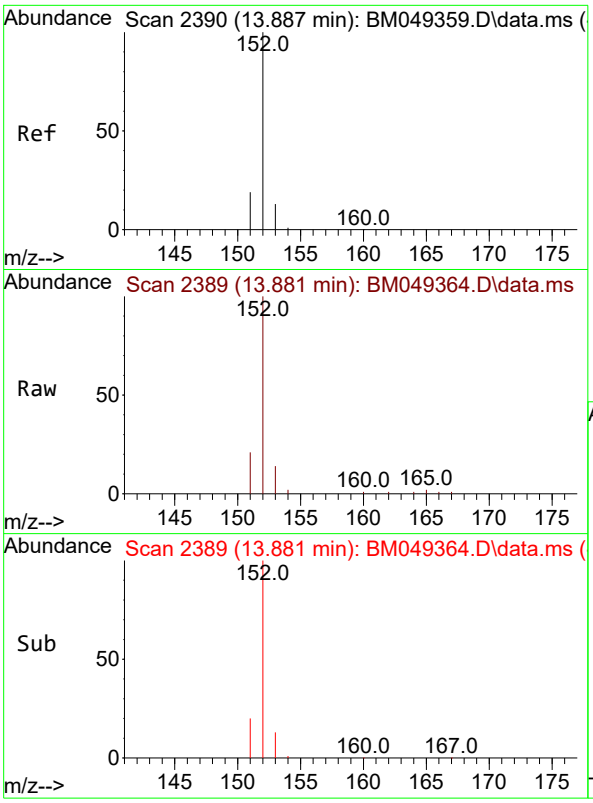


#8
1-Methylnaphthalene
Concen: 0.430 ng/ul
RT: 12.184 min Scan# 2064
Delta R.T. -0.006 min
Lab File: BM049364.D
Acq: 21 Jan 2025 13:35

Tgt Ion:142 Resp: 10636

Ion	Ratio	Lower	Upper
142	100		
141	88.8	71.3	106.9



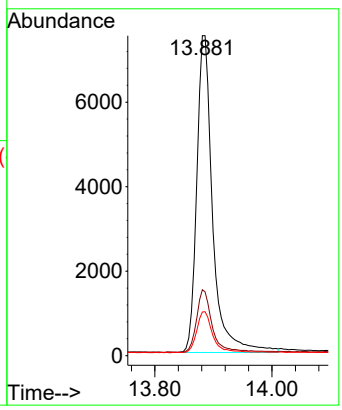


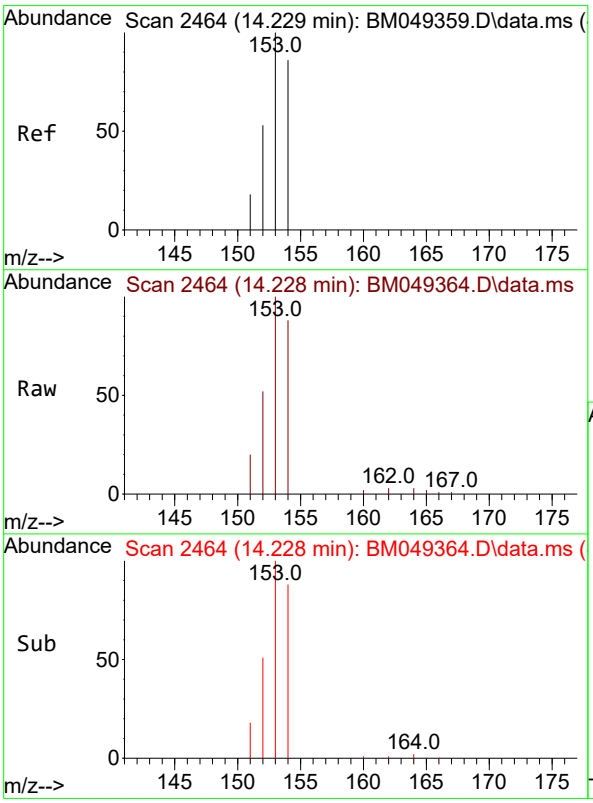
#10
Acenaphthylene
Concen: 0.412 ng/ul
RT: 13.881 min Scan# 2
Delta R.T. -0.005 min
Lab File: BM049364.D
Acq: 21 Jan 2025 13:35

Instrument :
BNA_M
ClientSampleId :
SLCS143

Tgt Ion:152 Resp: 14189

Ion	Ratio	Lower	Upper
152	100		
151	20.6	15.8	23.6
153	13.7	11.1	16.7

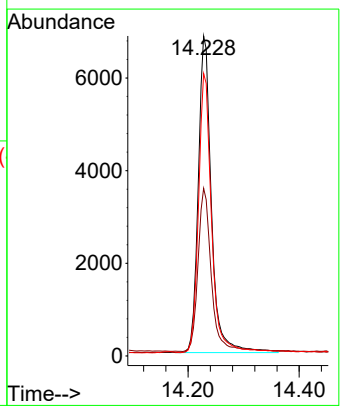


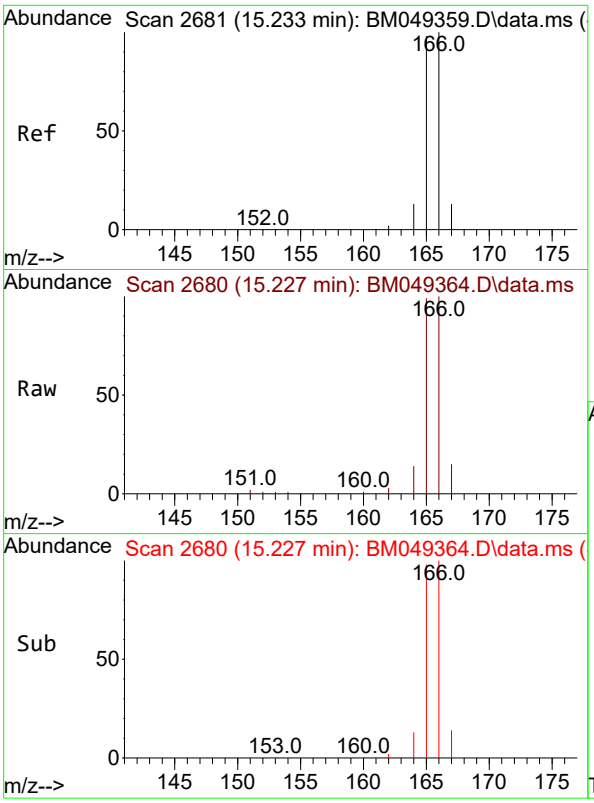


#11
Acenaphthene
Concen: 0.414 ng/ul
RT: 14.228 min Scan# 2464
Delta R.T. -0.005 min
Lab File: BM049364.D
Acq: 21 Jan 2025 13:35

Tgt Ion:153 Resp: 11288

Ion	Ratio	Lower	Upper
153	100		
152	52.4	42.3	63.5
154	88.2	69.3	103.9



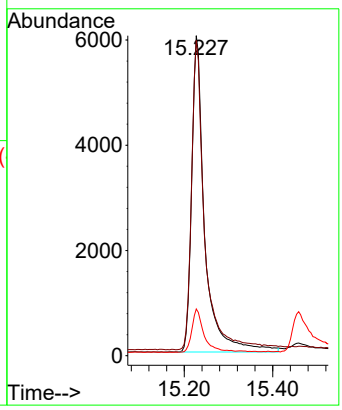


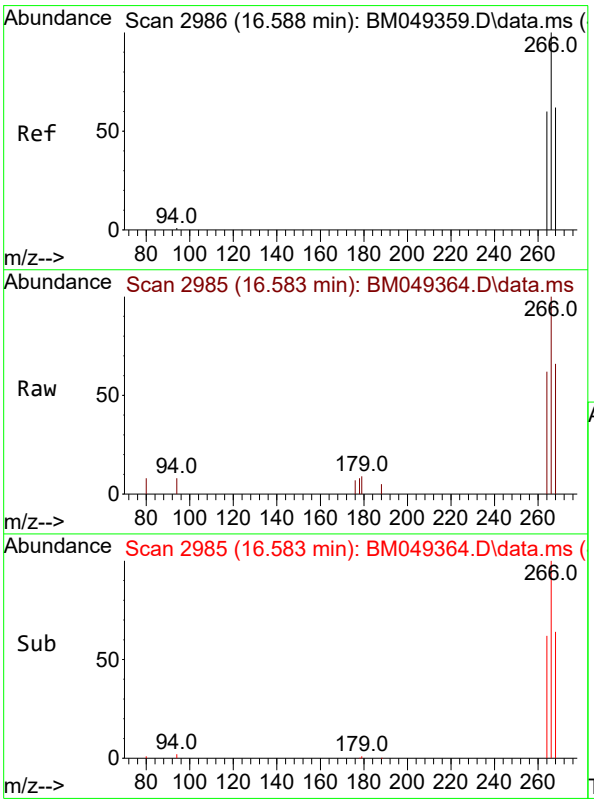
#12
Fluorene
Concen: 0.437 ng/ul
RT: 15.227 min Scan# 2
Delta R.T. -0.005 min
Lab File: BM049364.D
Acq: 21 Jan 2025 13:35

Instrument :
BNA_M
ClientSampleId :
SLCS143

Tgt Ion:166 Resp: 12361

Ion	Ratio	Lower	Upper
166	100		
165	98.5	79.2	118.8
167	14.6	11.2	16.8

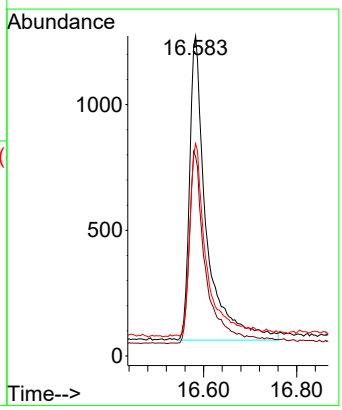


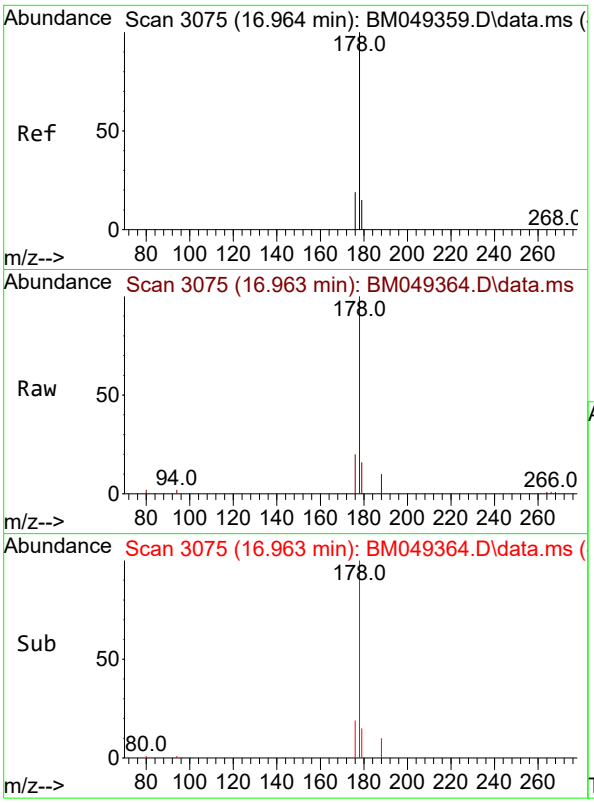


#14
Pentachlorophenol
Concen: 0.882 ng/ul
RT: 16.583 min Scan# 2985
Delta R.T. -0.004 min
Lab File: BM049364.D
Acq: 21 Jan 2025 13:35

Tgt Ion:266 Resp: 3041

Ion	Ratio	Lower	Upper
266	100		
264	61.9	49.2	73.8
268	64.1	53.2	79.8



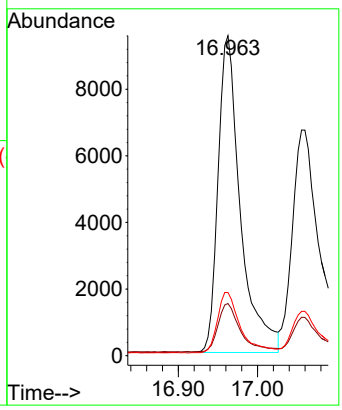


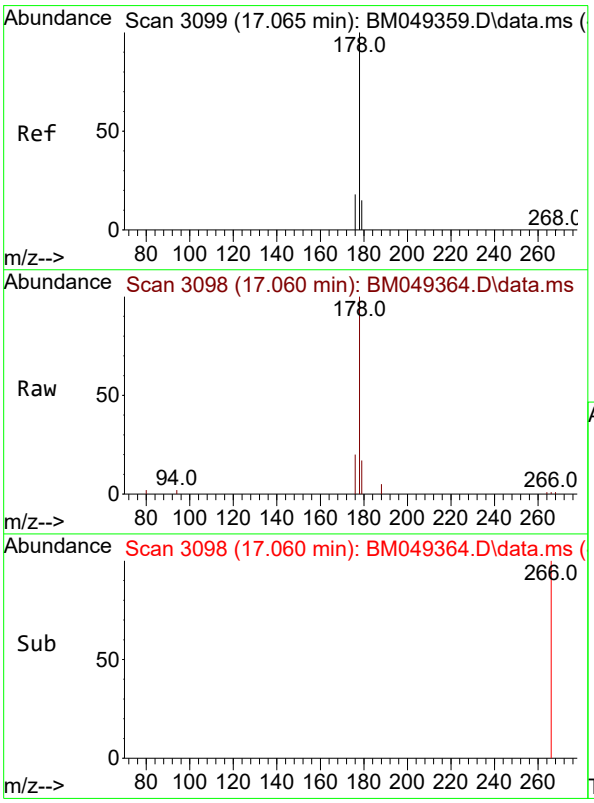
#15
Phenanthrene
Concen: 0.451 ng/ul
RT: 16.963 min Scan# 3
Delta R.T. -0.004 min
Lab File: BM049364.D
Acq: 21 Jan 2025 13:35

Instrument :
BNA_M
ClientSampleId :
SLCS143

Tgt Ion:178 Resp: 18668

Ion	Ratio	Lower	Upper
178	100		
179	16.3	13.2	19.8
176	19.8	16.1	24.1

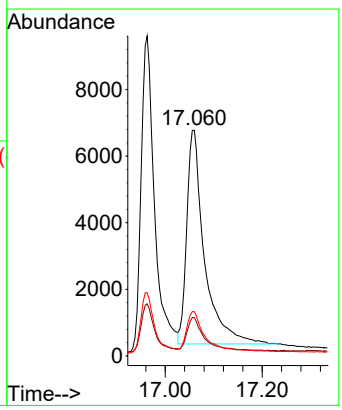


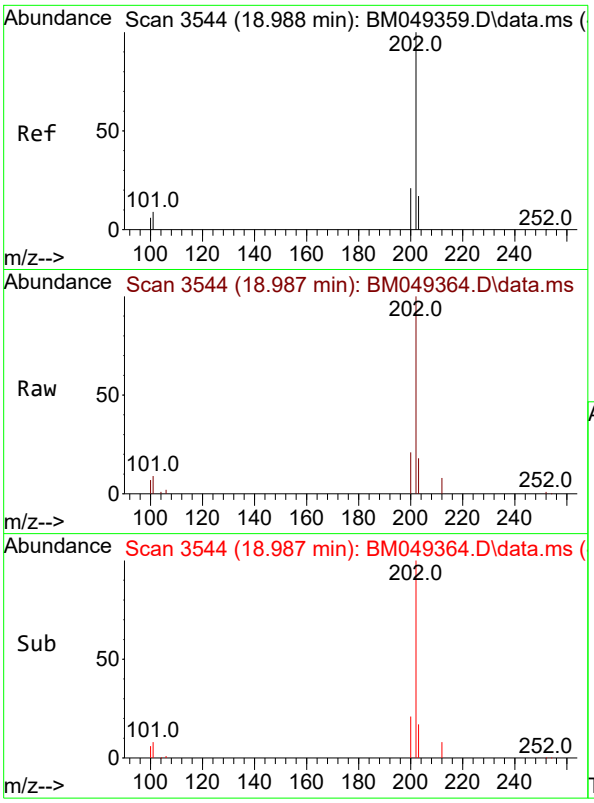


#16
Anthracene
Concen: 0.442 ng/ul
RT: 17.060 min Scan# 3098
Delta R.T. -0.000 min
Lab File: BM049364.D
Acq: 21 Jan 2025 13:35

Tgt Ion:178 Resp: 16230

Ion	Ratio	Lower	Upper
178	100		
179	16.9	13.4	20.0
176	19.6	16.2	24.2



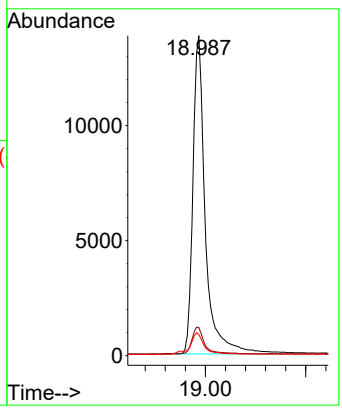


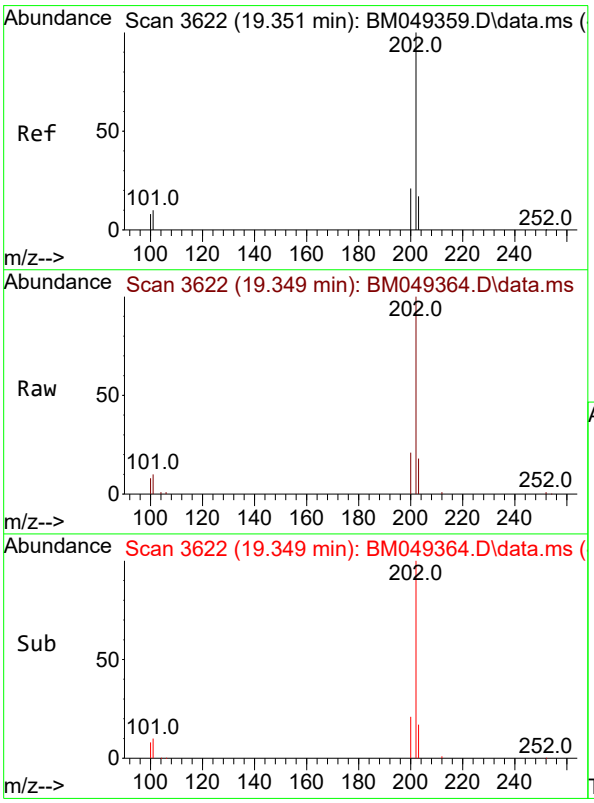
#19
Fluoranthene
Concen: 0.382 ng/ul
RT: 18.987 min Scan# 3
Delta R.T. -0.000 min
Lab File: BM049364.D
Acq: 21 Jan 2025 13:35

Instrument :
BNA_M
ClientSampleId :
SLCS143

Tgt Ion:202 Resp: 23770

Ion	Ratio	Lower	Upper
202	100		
101	8.8	7.9	11.9
100	6.6	6.0	9.0

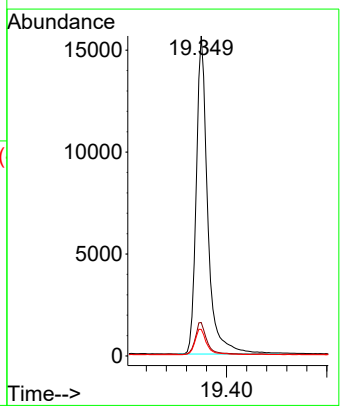


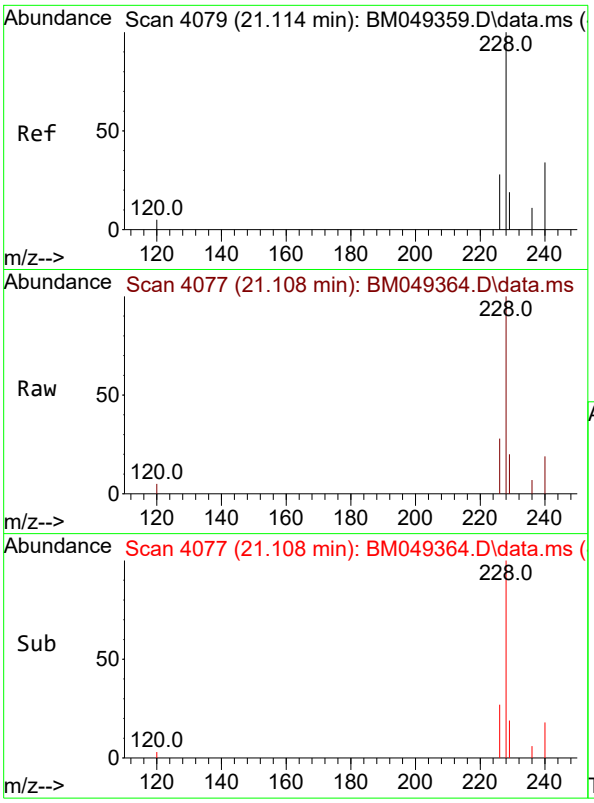


#20
Pyrene
Concen: 0.386 ng/ul
RT: 19.349 min Scan# 3622
Delta R.T. -0.000 min
Lab File: BM049364.D
Acq: 21 Jan 2025 13:35

Tgt Ion:202 Resp: 24765

Ion	Ratio	Lower	Upper
202	100		
101	10.5	8.8	13.2
100	8.3	7.1	10.7



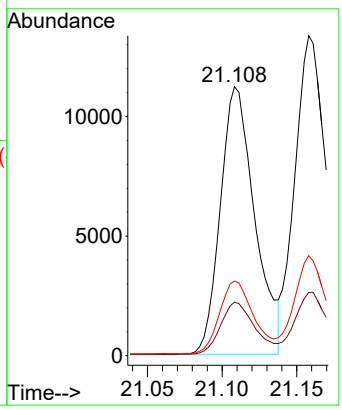


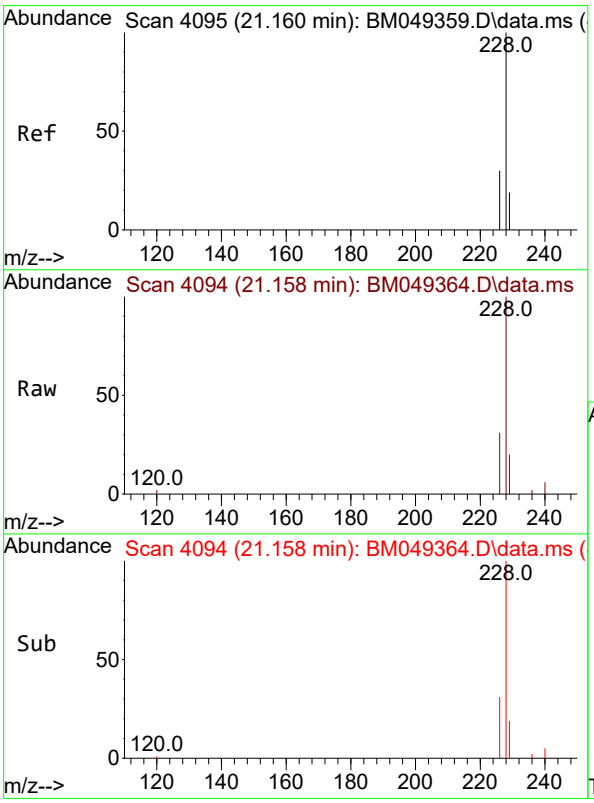
#21
Benzo(a)anthracene
Concen: 0.434 ng/ul
RT: 21.108 min Scan# 4
Delta R.T. -0.006 min
Lab File: BM049364.D
Acq: 21 Jan 2025 13:35

Instrument :
BNA_M
ClientSampleId :
SLCS143

Tgt Ion:228 Resp: 17974

Ion	Ratio	Lower	Upper
228	100		
229	19.9	16.0	24.0
226	27.7	22.5	33.7

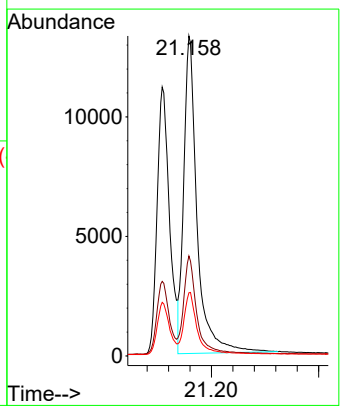


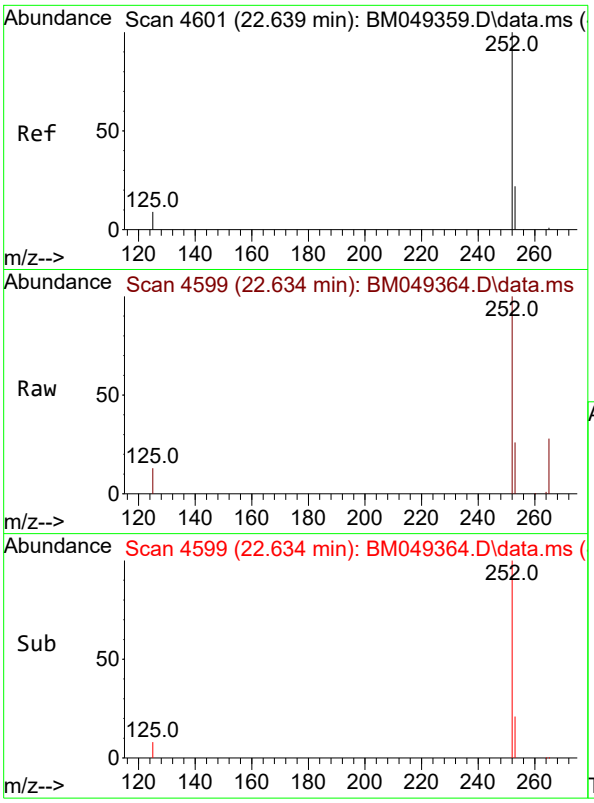


#22
Chrysene
Concen: 0.403 ng/ul
RT: 21.158 min Scan# 4094
Delta R.T. -0.003 min
Lab File: BM049364.D
Acq: 21 Jan 2025 13:35

Tgt Ion:228 Resp: 22874

Ion	Ratio	Lower	Upper
228	100		
226	31.2	24.6	36.8
229	19.7	15.9	23.9



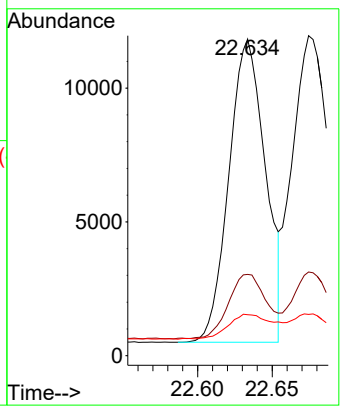


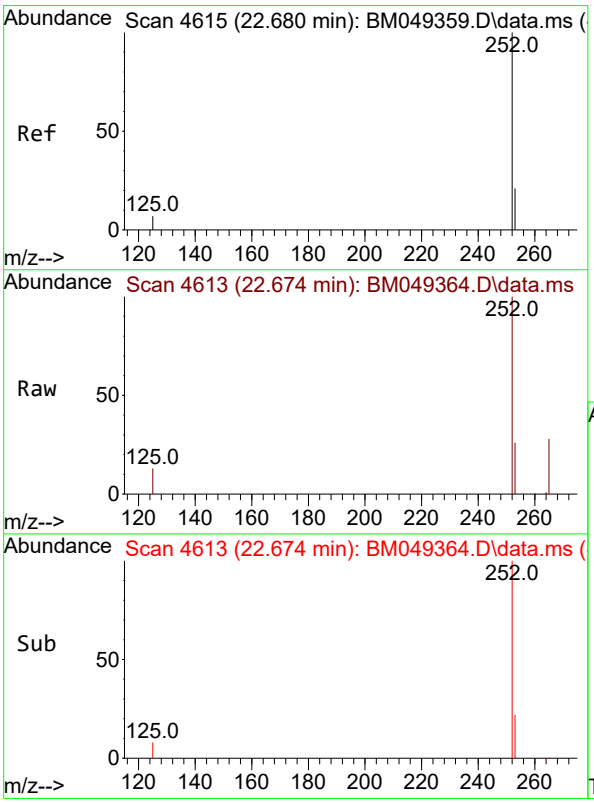
#24
Benzo(b)fluoranthene
Concen: 0.419 ng/ul
RT: 22.634 min Scan# 4
Delta R.T. -0.003 min
Lab File: BM049364.D
Acq: 21 Jan 2025 13:35

Instrument :
BNA_M
ClientSampleId :
SLCS143

Tgt Ion:252 Resp: 19273

Ion	Ratio	Lower	Upper
252	100		
253	25.7	0.0	53.0
125	12.9	0.0	29.4

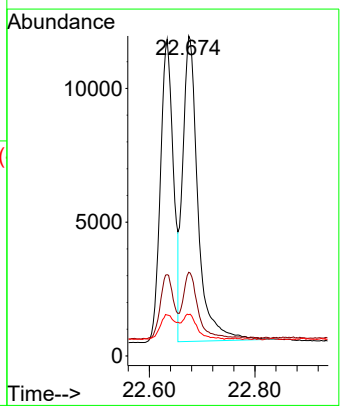


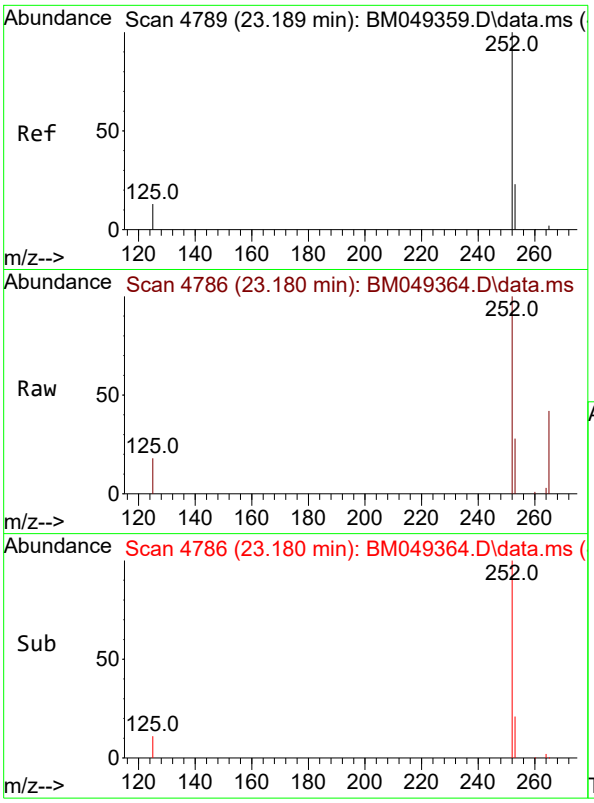


#25
Benzo(k)fluoranthene
Concen: 0.426 ng/ul
RT: 22.674 min Scan# 4613
Delta R.T. -0.006 min
Lab File: BM049364.D
Acq: 21 Jan 2025 13:35

Tgt Ion:252 Resp: 22863

Ion	Ratio	Lower	Upper
252	100		
253	26.2	21.6	32.4
125	12.9	11.8	17.6



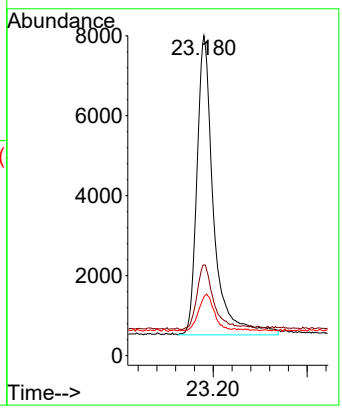


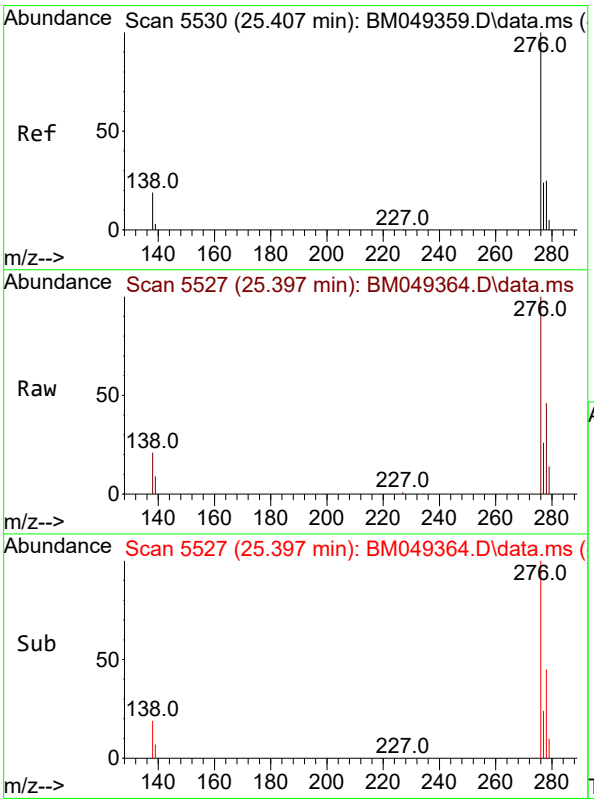
#26
Benzo(a)pyrene
Concen: 0.441 ng/ul
RT: 23.180 min Scan# 4
Delta R.T. -0.006 min
Lab File: BM049364.D
Acq: 21 Jan 2025 13:35

Instrument :
BNA_M
ClientSampleId :
SLCS143

Tgt Ion:252 Resp: 18334

Ion	Ratio	Lower	Upper
252	100		
253	28.4	24.8	37.2
125	18.4	16.1	24.1

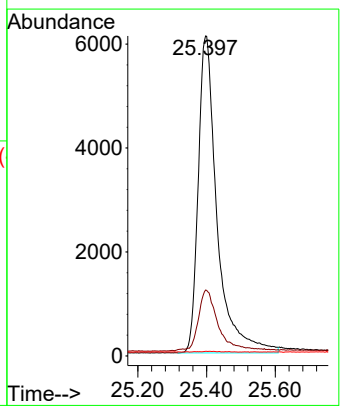


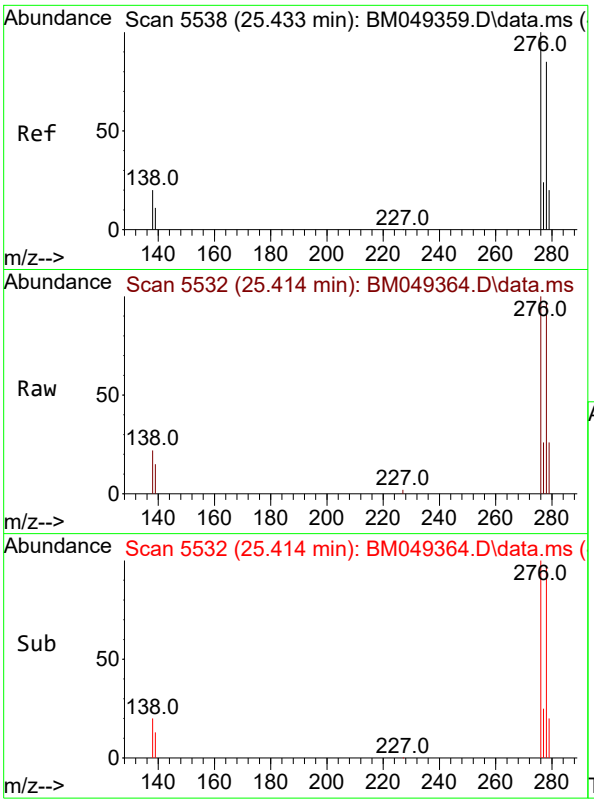


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.412 ng/ul
RT: 25.397 min Scan# 5527
Delta R.T. -0.013 min
Lab File: BM049364.D
Acq: 21 Jan 2025 13:35

Tgt Ion:276 Resp: 23284

Ion	Ratio	Lower	Upper
276	100		
138	19.6	15.4	23.0
227	0.1	0.1	0.1#



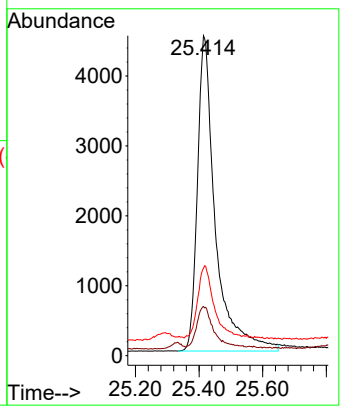


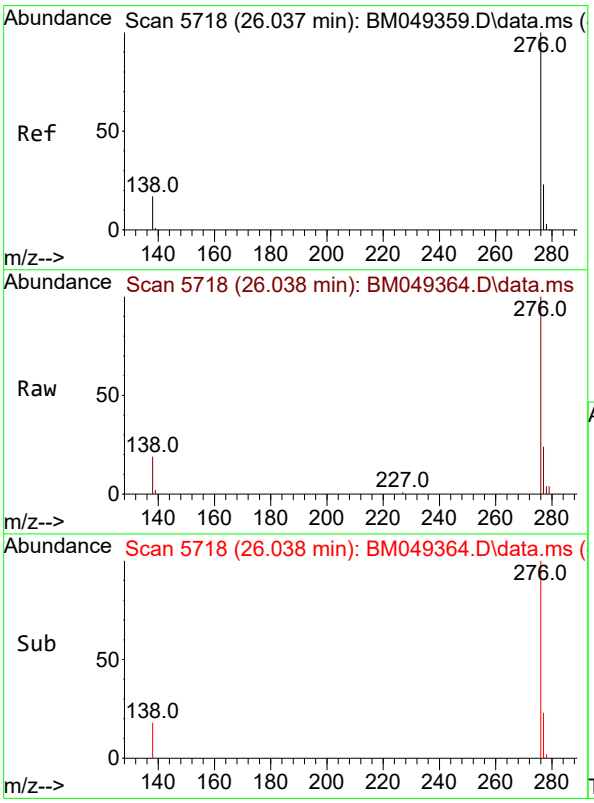
#28
Dibenzo(a,h)anthracene
Concen: 0.433 ng/ul
RT: 25.414 min Scan# 5
Delta R.T. -0.013 min
Lab File: BM049364.D
Acq: 21 Jan 2025 13:35

Instrument :
BNA_M
ClientSampleId :
SLCS143

Tgt Ion:278 Resp: 17663

Ion	Ratio	Lower	Upper
278	100		
139	15.4	13.3	19.9
279	27.3	27.0	40.4





#29
Benzo(g,h,i)perylene
Concen: 0.419 ng/ul
RT: 26.038 min Scan# 5718
Delta R.T. -0.010 min
Lab File: BM049364.D
Acq: 21 Jan 2025 13:35

Tgt Ion:276 Resp: 20996

Ion	Ratio	Lower	Upper
276	100		
138	19.3	15.2	22.8
277	24.1	20.2	30.2