Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121522\
Data File : BM038094.D
Acq On : 17 Dec 2022 08:24
Operator : CG/JU
Sample : PB149589BS
Misc :
ALS Vial : 76 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SLCS589

Quant Time: Dec 19 03:17:22 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM121522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Dec 17 05:21:07 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.055	152	4158	0.400	ng/ul	0.00
4) Naphthalene-d8	10.867	136	12347	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.680	164	6597	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.417	188	14724	0.400	ng/ul	0.00
17) Chrysene-d12	21.583	240	12065	0.400	ng/ul	0.00
23) Perylene-d12	24.035	264	13015	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.406	96	2783	0.490	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.445	152	5401	0.300	ng/ul	0.00
18) Fluoranthene-d10	19.431	212	12017	0.275	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.440	88	6389	1.247	ng/ul#	88
5) Naphthalene	10.916	128	10828	0.289	ng/ul	99
7) 2-Methylnaphthalene	12.517	142	6731	0.293	ng/ul	99
8) 1-Methylnaphthalene	12.737	142	7279	0.309	ng/ul	99
10) Acenaphthylene	14.402	152	10192	0.295	ng/ul	98
11) Acenaphthene	14.740	153	7806	0.298	ng/ul	99
12) Fluorene	15.721	166	8798	0.303	ng/ul	98
14) Pentachlorophenol	17.067	266	3484	0.571	ng/ul	99
15) Phenanthrene	17.455	178	14747	0.297	ng/ul	99
16) Anthracene	17.548	178	13736	0.300	ng/ul	99
19) Fluoranthene	19.464	202	17674	0.284	ng/ul	97
20) Pyrene	19.826	202	18290	0.288	ng/ul	96
21) Benzo(a)anthracene	21.565	228	17738	0.340	ng/ul	99
22) Chrysene	21.620	228	17385	0.331	ng/ul	100
24) Benzo(b)fluoranthene	23.281	252	18773	0.304	ng/ul	98
25) Benzo(k)fluoranthene	23.330	252	17851	0.300	ng/ul	97
26) Benzo(a)pyrene	23.924	252	16101	0.310	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	26.599	276	20546	0.315	ng/ul#	94
28) Dibenzo(a,h)anthracene	26.615	278	16176	0.318	ng/ul	99
29) Benzo(g,h,i)perylene	27.394	276	17350	0.313	ng/ul	96

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

Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121522\
Data File : BM038094.D
Acq On : 17 Dec 2022 08:24
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Quant Time: Dec 19 03:17:22 2022
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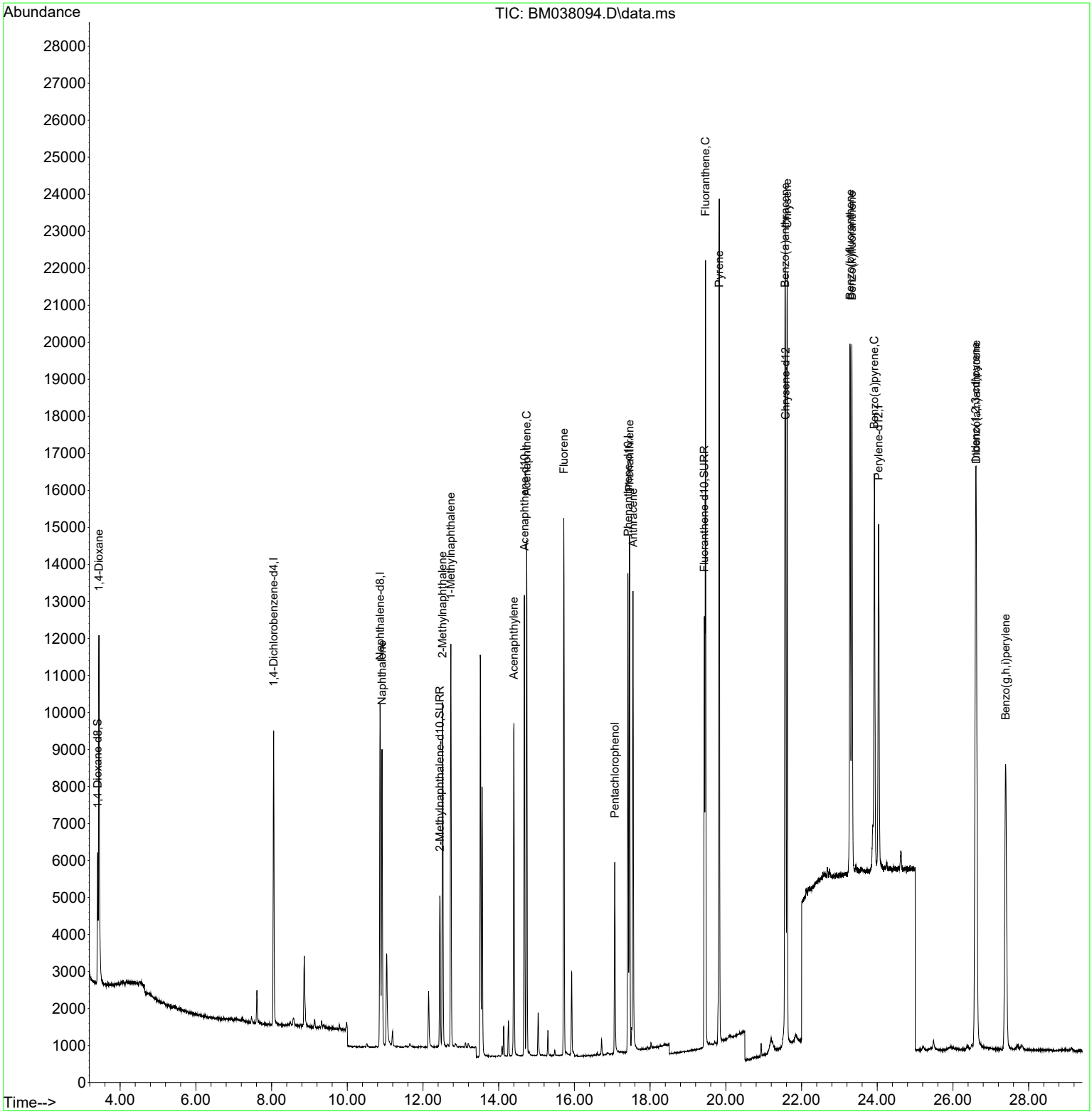
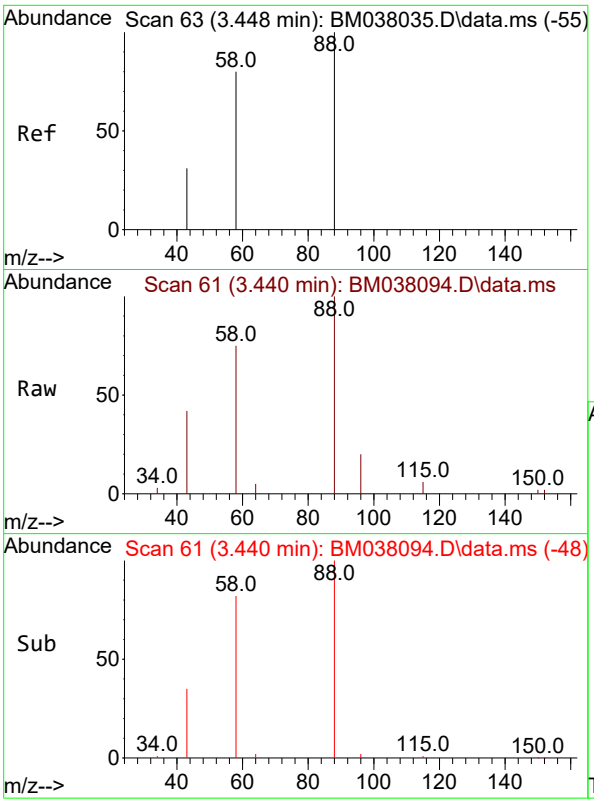
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Dec 17 05:21:07 2022
Response via : Initial Calibration



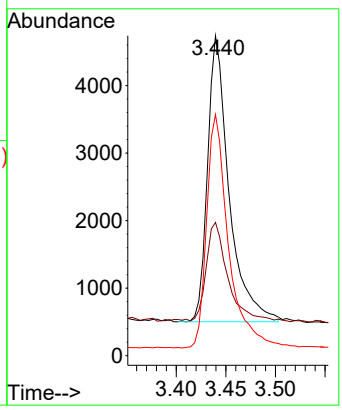


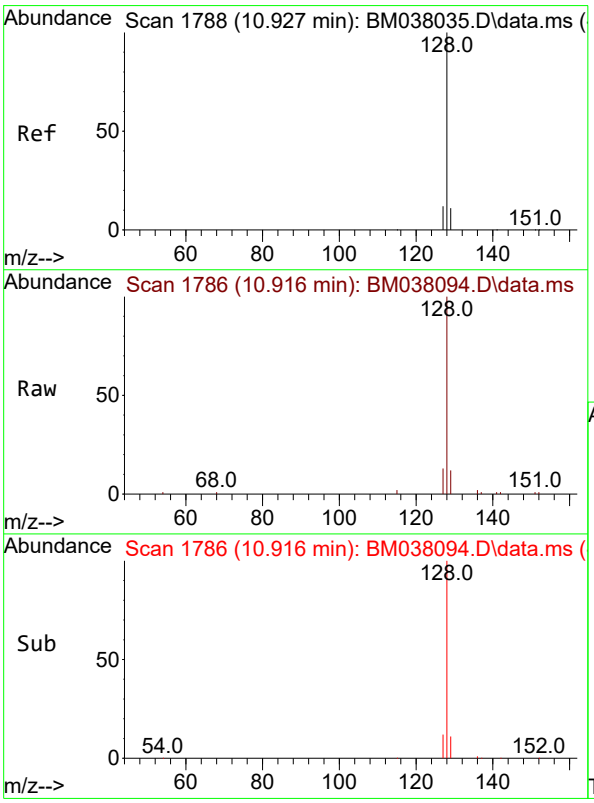
#2
1,4-Dioxane
Concen: 1.247 ng/ul
RT: 3.440 min Scan# 6
Delta R.T. -0.004 min
Lab File: BM038094.D
Acq: 17 Dec 2022 08:24

Instrument :
BNA_M
ClientSampleId :
SLCS589

Tgt Ion: 88 Resp: 6389

Ion	Ratio	Lower	Upper
88	100		
43	41.7	31.4	47.0
58	75.4	50.2	75.2#

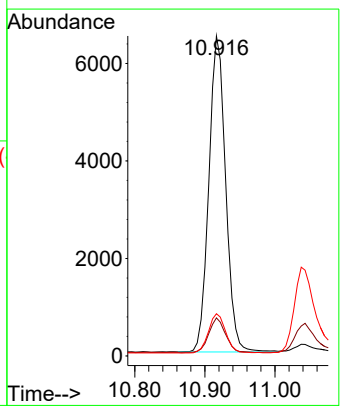


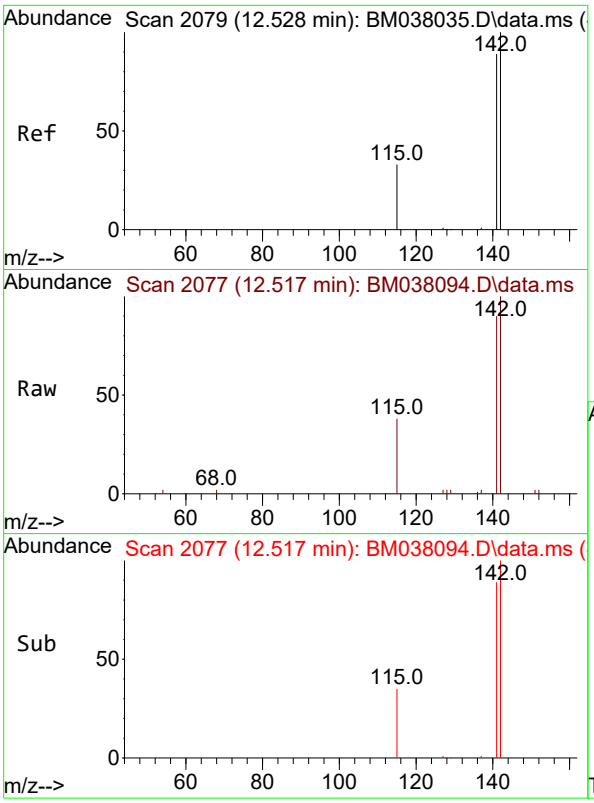


#5
Naphthalene
Concen: 0.289 ng/ul
RT: 10.916 min Scan# 1786
Delta R.T. -0.000 min
Lab File: BM038094.D
Acq: 17 Dec 2022 08:24

Tgt Ion:128 Resp: 10828

Ion	Ratio	Lower	Upper
128	100		
129	11.9	9.1	13.7
127	13.2	10.4	15.6



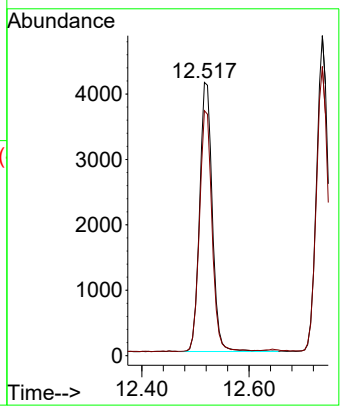


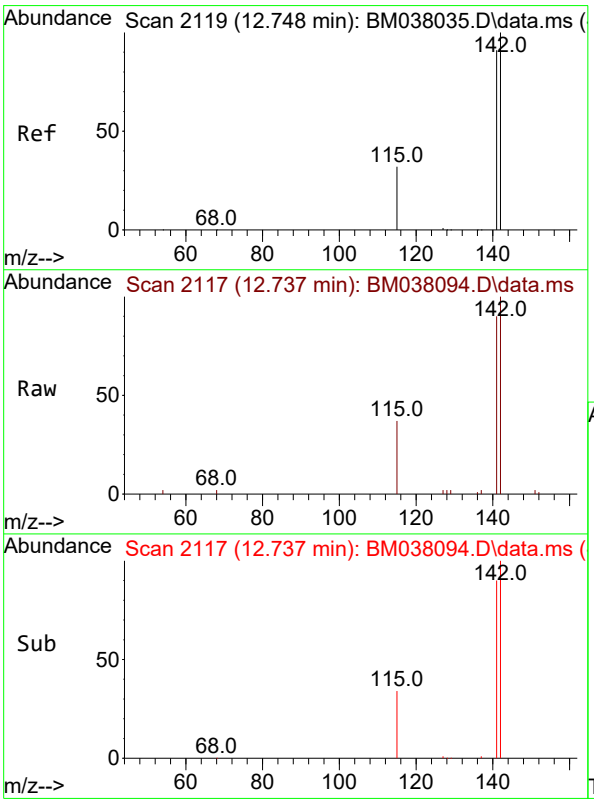
#7
2-Methylnaphthalene
Concen: 0.293 ng/ul
RT: 12.517 min Scan# 2
Delta R.T. -0.006 min
Lab File: BM038094.D
Acq: 17 Dec 2022 08:24

Instrument :
BNA_M
ClientSampleId :
SLCS589

Tgt Ion:142 Resp: 6731

Ion	Ratio	Lower	Upper
142	100		
141	88.7	70.4	105.6

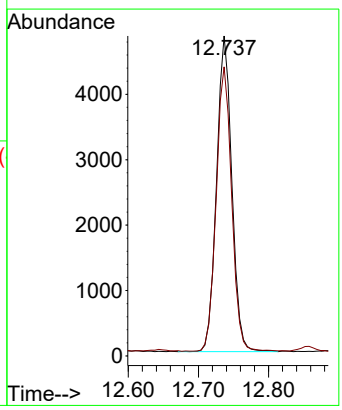


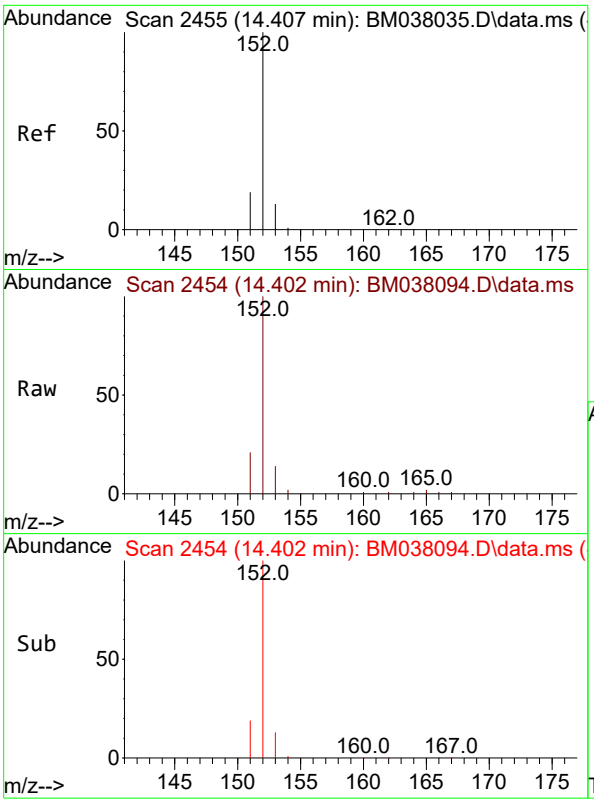


#8
1-Methylnaphthalene
Concen: 0.309 ng/ul
RT: 12.737 min Scan# 2117
Delta R.T. -0.000 min
Lab File: BM038094.D
Acq: 17 Dec 2022 08:24

Tgt Ion:142 Resp: 7279

Ion	Ratio	Lower	Upper
142	100		
141	90.9	73.6	110.4



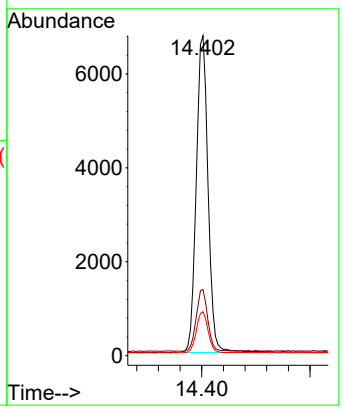


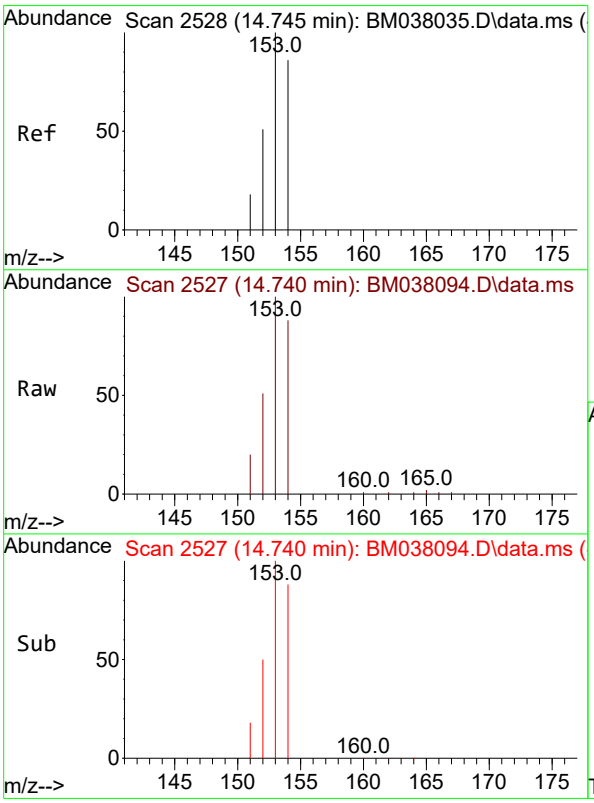
#10
Acenaphthylene
Concen: 0.295 ng/ul
RT: 14.402 min Scan# 24
Delta R.T. -0.000 min
Lab File: BM038094.D
Acq: 17 Dec 2022 08:24

Instrument :
BNA_M
ClientSampleId :
SLCS589

Tgt Ion:152 Resp: 10192

Ion	Ratio	Lower	Upper
152	100		
151	20.6	15.5	23.3
153	13.8	11.0	16.4

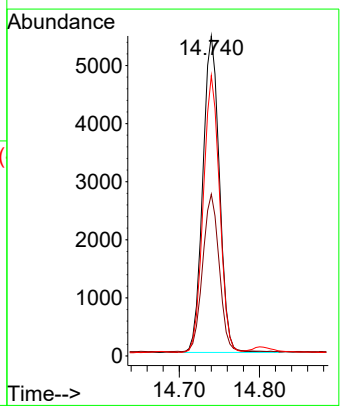


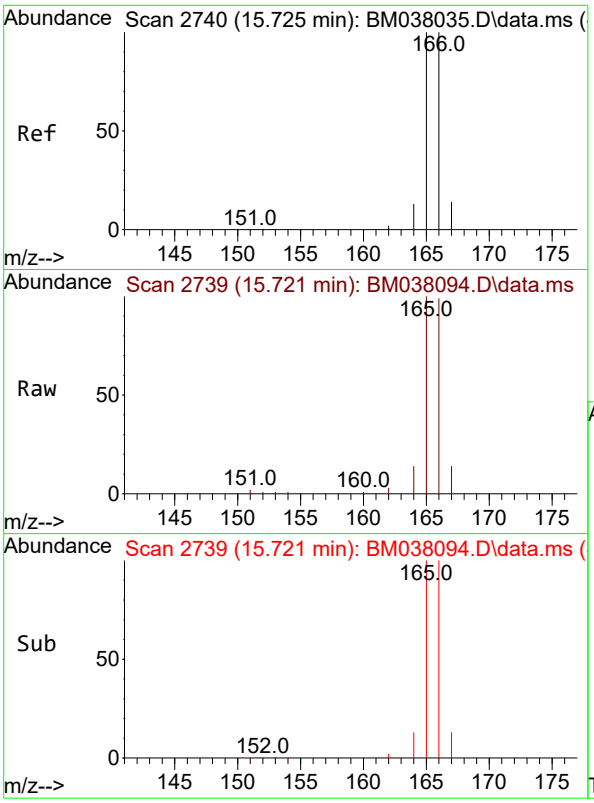


#11
Acenaphthene
Concen: 0.298 ng/ul
RT: 14.740 min Scan# 2527
Delta R.T. -0.000 min
Lab File: BM038094.D
Acq: 17 Dec 2022 08:24

Tgt Ion:153 Resp: 7806

Ion	Ratio	Lower	Upper
153	100		
152	50.5	39.5	59.3
154	87.6	69.2	103.8



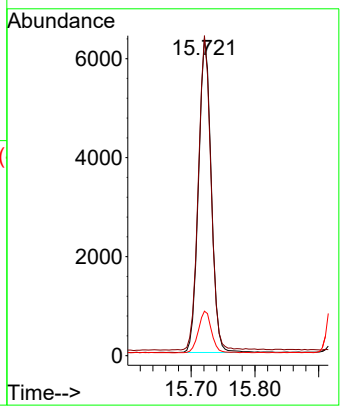


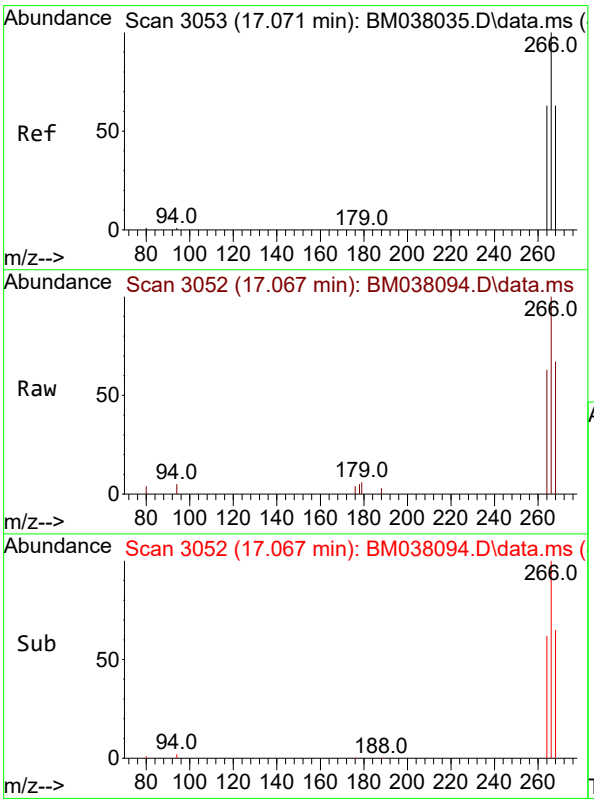
#12
Fluorene
Concen: 0.303 ng/ul
RT: 15.721 min Scan# 2
Delta R.T. -0.000 min
Lab File: BM038094.D
Acq: 17 Dec 2022 08:24

Instrument :
BNA_M
ClientSampleId :
SLCS589

Tgt Ion:166 Resp: 8798

Ion	Ratio	Lower	Upper
166	100		
165	100.9	79.0	118.4
167	14.0	11.1	16.7

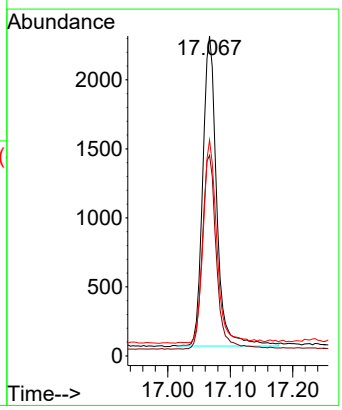


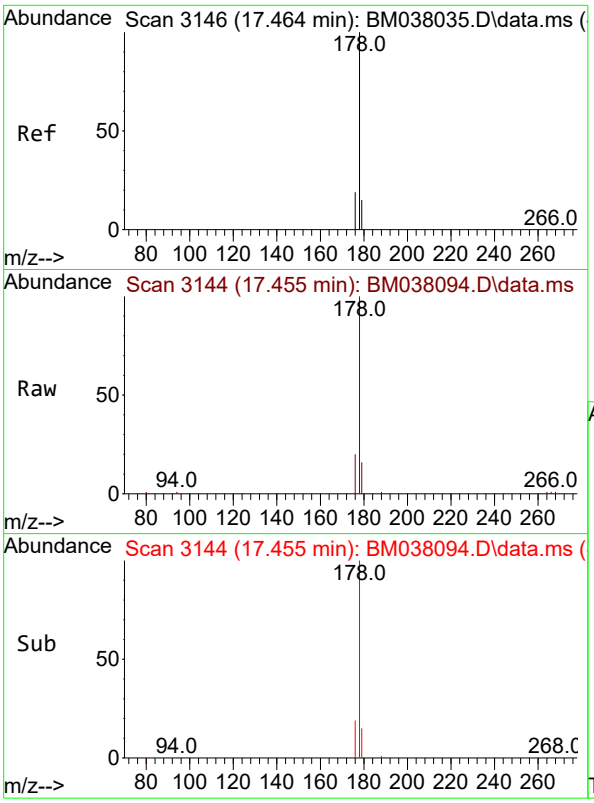


#14
Pentachlorophenol
Concen: 0.571 ng/ul
RT: 17.067 min Scan# 3052
Delta R.T. -0.000 min
Lab File: BM038094.D
Acq: 17 Dec 2022 08:24

Tgt Ion:266 Resp: 3484

Ion	Ratio	Lower	Upper
266	100		
264	63.1	49.9	74.9
268	63.5	52.0	78.0



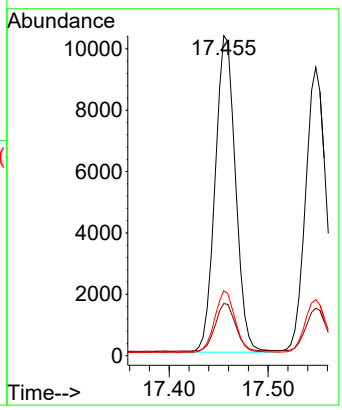


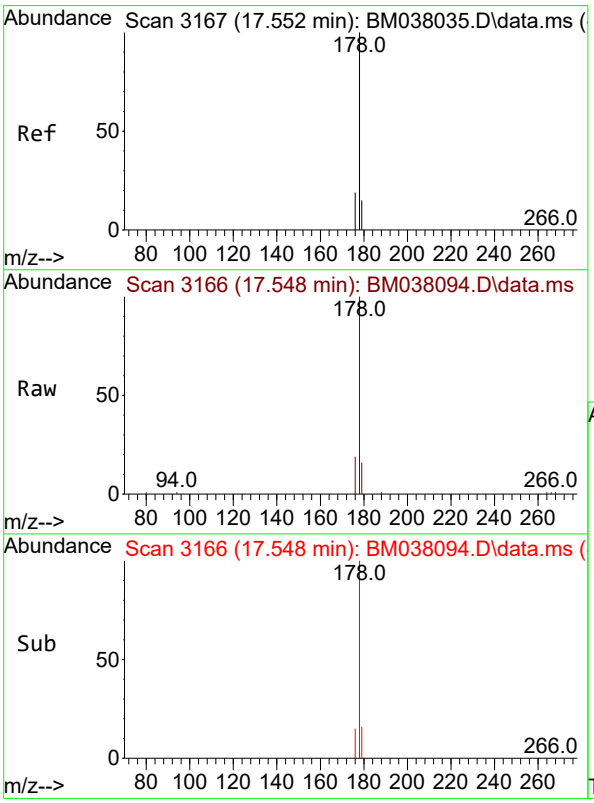
#15
Phenanthrene
Concen: 0.297 ng/ul
RT: 17.455 min Scan# 3
Delta R.T. -0.004 min
Lab File: BM038094.D
Acq: 17 Dec 2022 08:24

Instrument :
BNA_M
ClientSampleId :
SLCS589

Tgt Ion:178 Resp: 14747

Ion	Ratio	Lower	Upper
178	100		
179	16.3	12.6	19.0
176	20.3	15.8	23.6

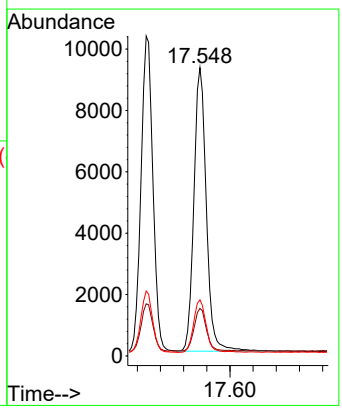


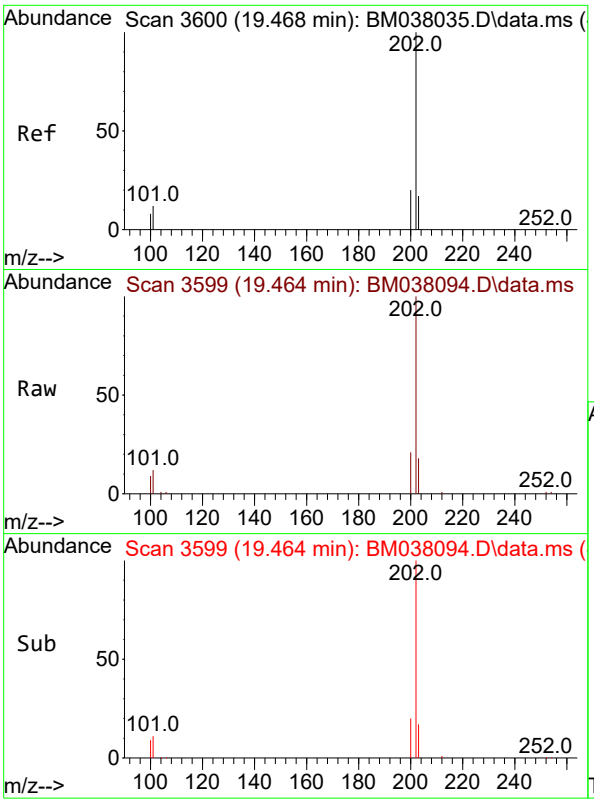


#16
Anthracene
Concen: 0.300 ng/ul
RT: 17.548 min Scan# 3166
Delta R.T. -0.000 min
Lab File: BM038094.D
Acq: 17 Dec 2022 08:24

Tgt Ion:178 Resp: 13736

Ion	Ratio	Lower	Upper
178	100		
179	16.5	13.0	19.4
176	19.5	15.0	22.4



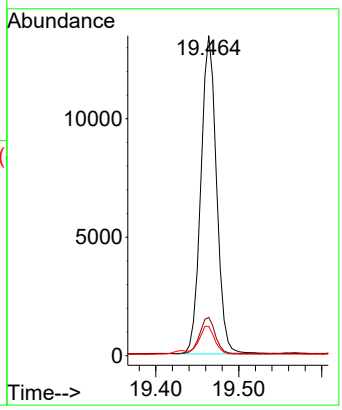


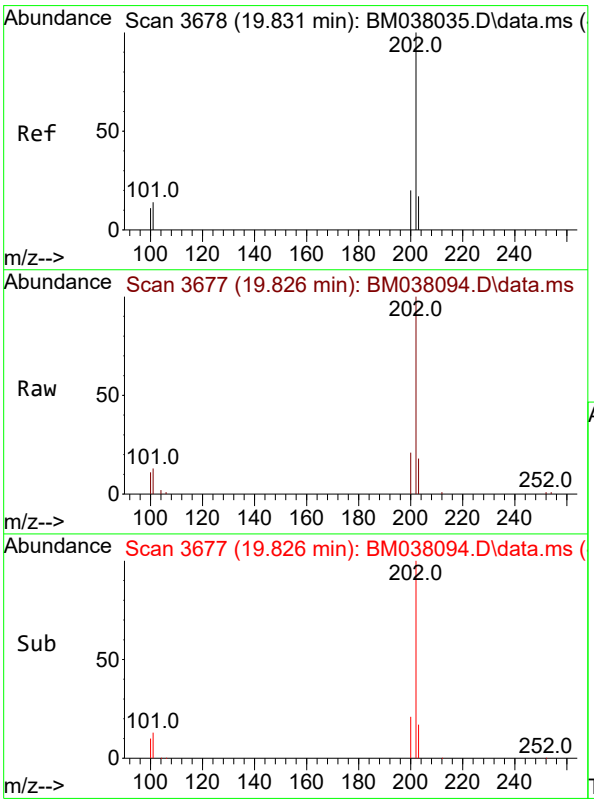
#19
Fluoranthene
Concen: 0.284 ng/ul
RT: 19.464 min Scan# 3
Delta R.T. -0.000 min
Lab File: BM038094.D
Acq: 17 Dec 2022 08:24

Instrument :
BNA_M
ClientSampleId :
SLCS589

Tgt Ion:202 Resp: 17674

Ion	Ratio	Lower	Upper
202	100		
101	11.9	10.6	15.8
100	9.1	7.9	11.9

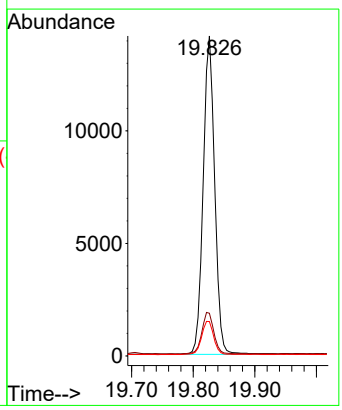


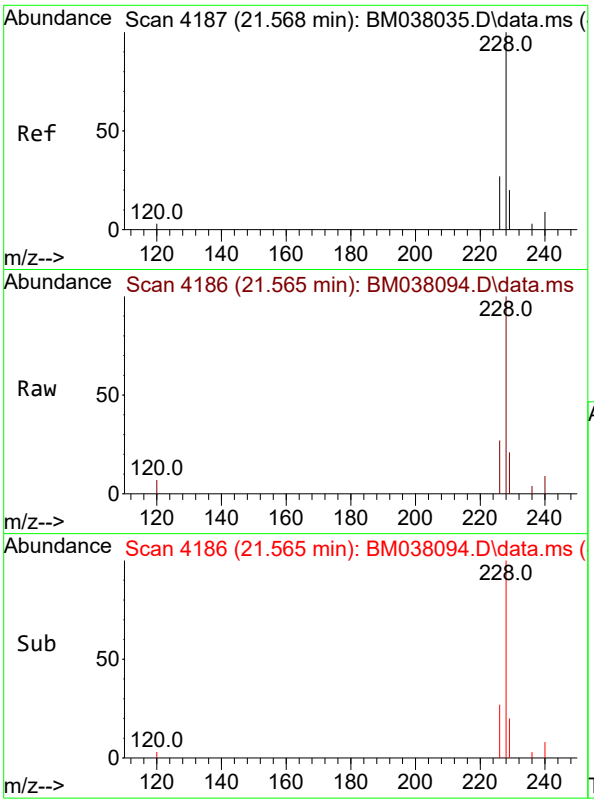


#20
Pyrene
Concen: 0.288 ng/ul
RT: 19.826 min Scan# 3677
Delta R.T. -0.000 min
Lab File: BM038094.D
Acq: 17 Dec 2022 08:24

Tgt Ion:202 Resp: 18290

Ion	Ratio	Lower	Upper
202	100		
101	13.3	12.1	18.1
100	10.8	9.8	14.6



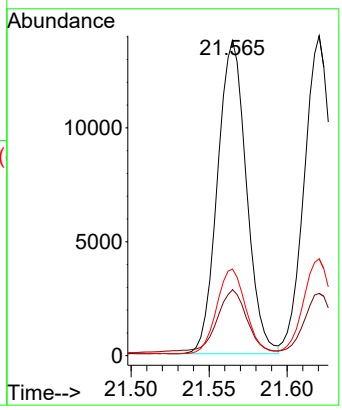


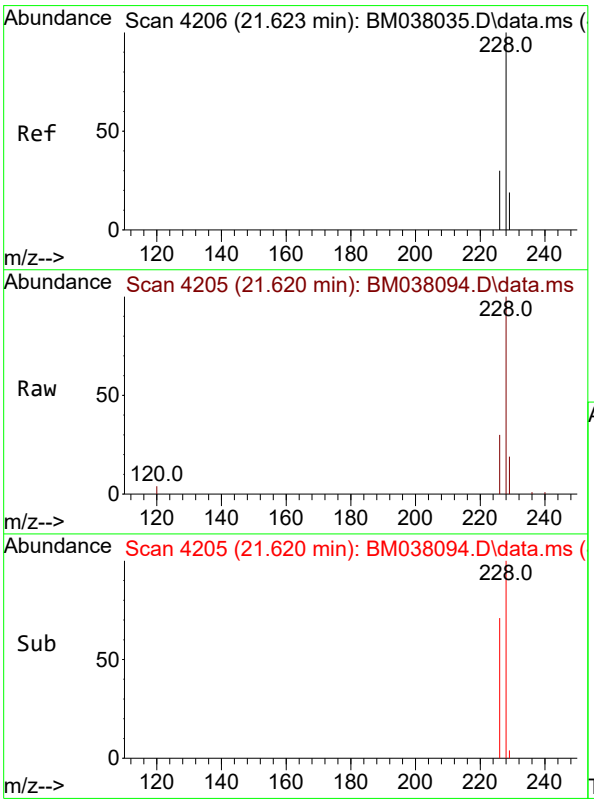
#21
Benzo(a)anthracene
Concen: 0.340 ng/ul
RT: 21.565 min Scan# 4
Delta R.T. -0.000 min
Lab File: BM038094.D
Acq: 17 Dec 2022 08:24

Instrument :
BNA_M
ClientSampleId :
SLCS589

Tgt Ion:228 Resp: 17738

Ion	Ratio	Lower	Upper
228	100		
229	21.0	15.9	23.9
226	27.5	22.1	33.1

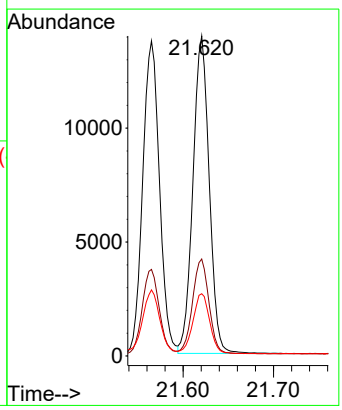


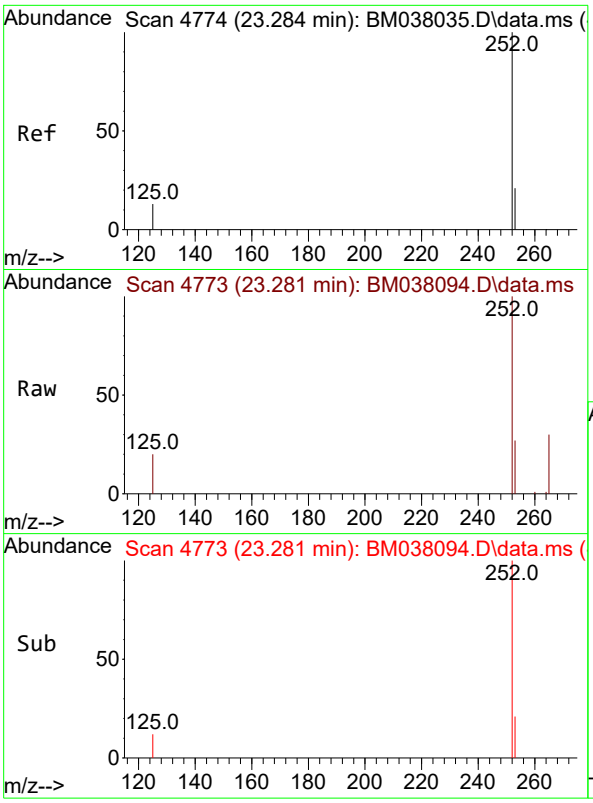


#22
Chrysene
Concen: 0.331 ng/ul
RT: 21.620 min Scan# 4205
Delta R.T. 0.003 min
Lab File: BM038094.D
Acq: 17 Dec 2022 08:24

Tgt Ion:228 Resp: 17385

Ion	Ratio	Lower	Upper
228	100		
226	30.3	24.1	36.1
229	19.5	15.7	23.5



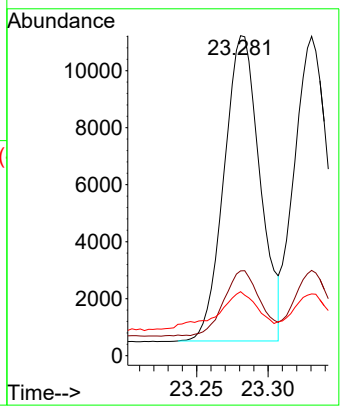


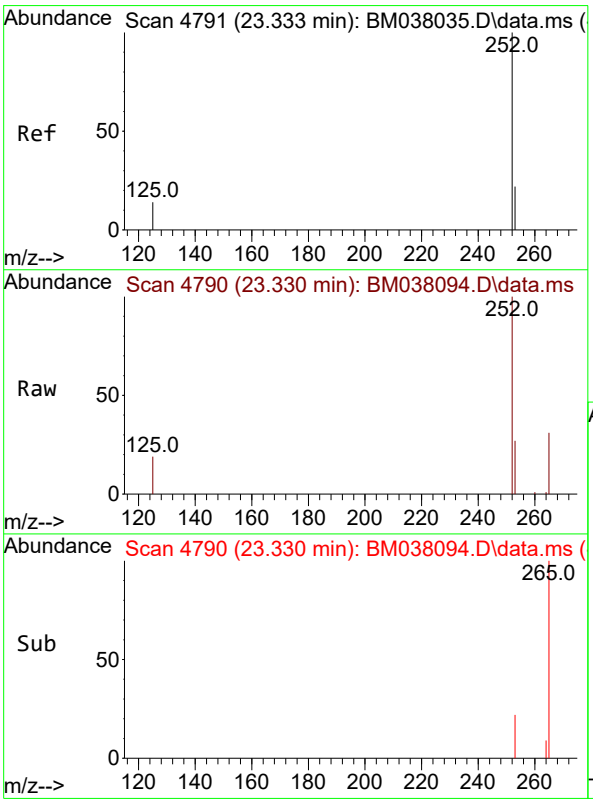
#24
Benzo(b)fluoranthene
Concen: 0.304 ng/ul
RT: 23.281 min Scan# 4
Delta R.T. -0.000 min
Lab File: BM038094.D
Acq: 17 Dec 2022 08:24

Instrument :
BNA_M
ClientSampleId :
SLCS589

Tgt Ion:252 Resp: 18773

Ion	Ratio	Lower	Upper
252	100		
253	26.5	0.0	51.8
125	20.0	0.0	42.2

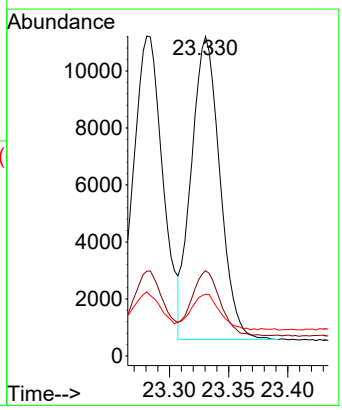


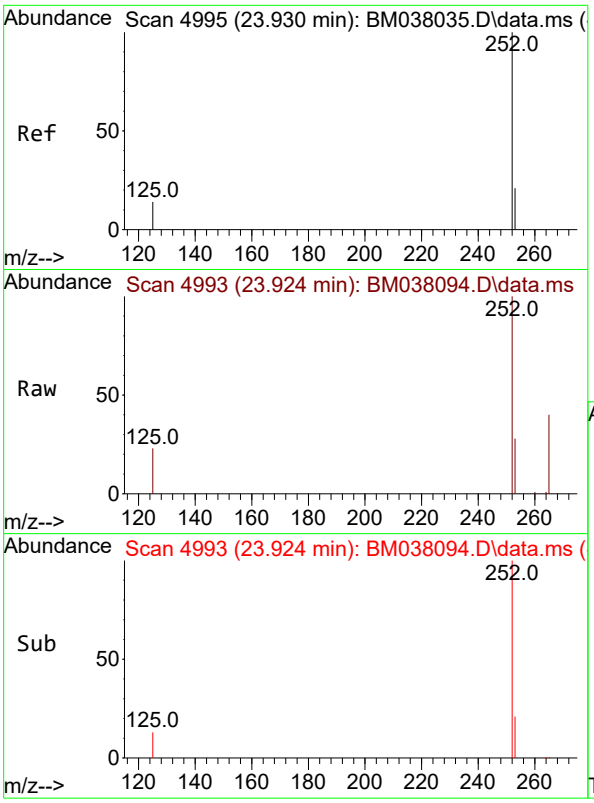


#25
Benzo(k)fluoranthene
Concen: 0.300 ng/ul
RT: 23.330 min Scan# 4790
Delta R.T. -0.000 min
Lab File: BM038094.D
Acq: 17 Dec 2022 08:24

Tgt Ion:252 Resp: 17851

Ion	Ratio	Lower	Upper
252	100		
253	26.7	20.8	31.2
125	19.3	17.1	25.7



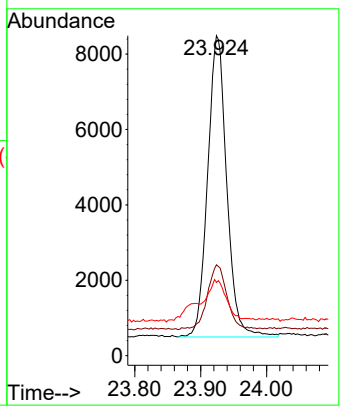


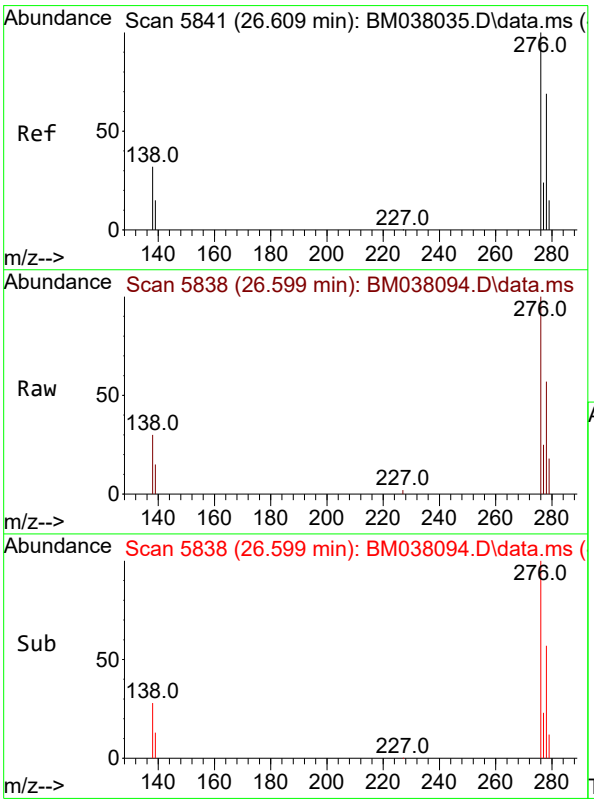
#26
Benzo(a)pyrene
Concen: 0.310 ng/ul
RT: 23.924 min Scan# 4
Delta R.T. -0.000 min
Lab File: BM038094.D
Acq: 17 Dec 2022 08:24

Instrument :
BNA_M
ClientSampleId :
SLCS589

Tgt Ion:252 Resp: 16101

Ion	Ratio	Lower	Upper
252	100		
253	28.4	21.9	32.9
125	22.9	20.7	31.1

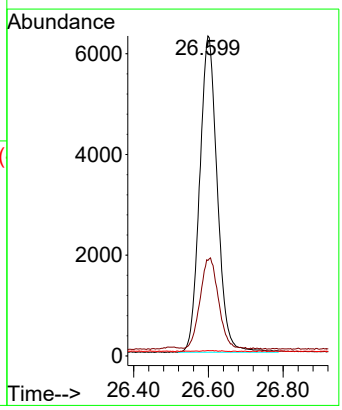


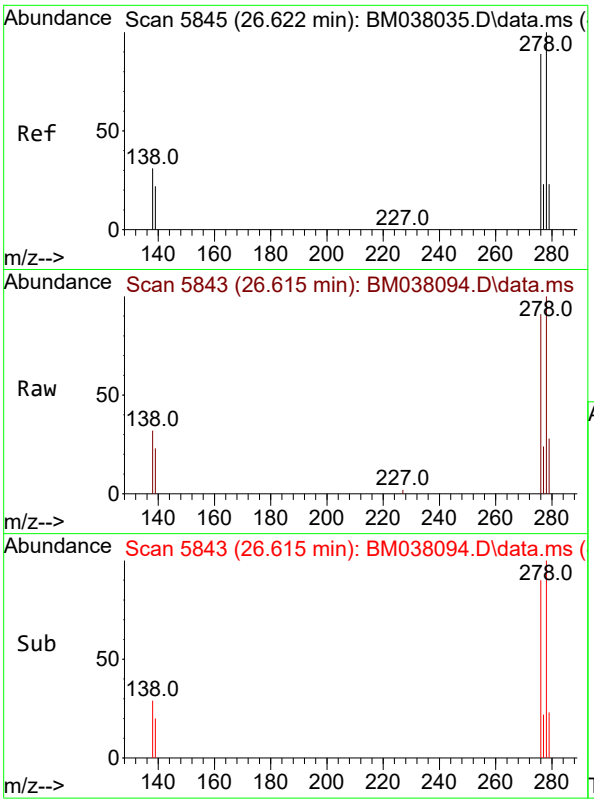


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.315 ng/ul
RT: 26.599 min Scan# 5838
Delta R.T. -0.000 min
Lab File: BM038094.D
Acq: 17 Dec 2022 08:24

Tgt Ion:276 Resp: 20546

Ion	Ratio	Lower	Upper
276	100		
138	29.9	26.6	40.0
227	0.2	0.1	0.1#



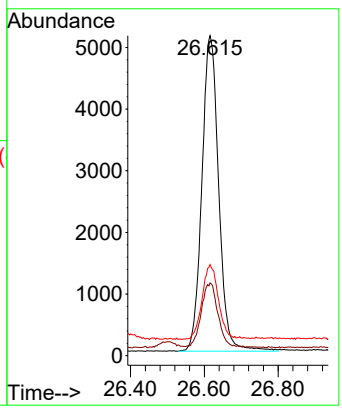


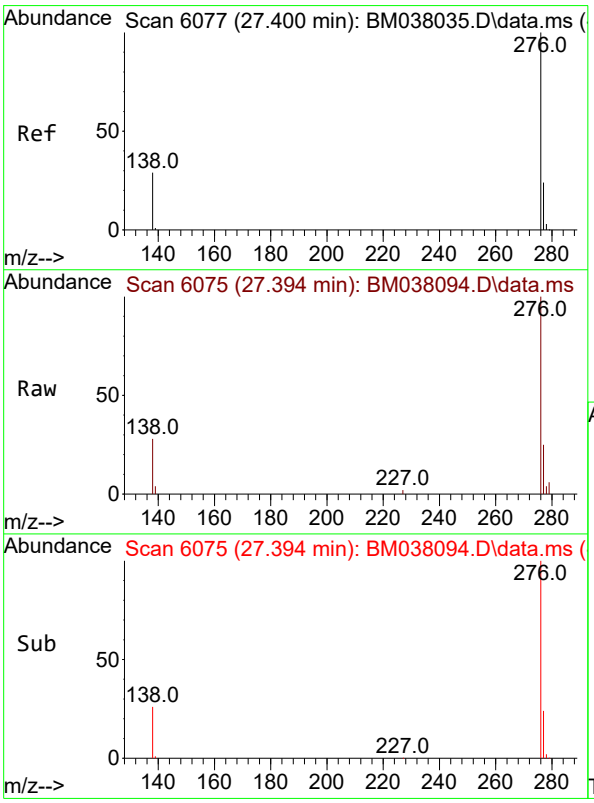
#28
Dibenzo(a,h)anthracene
Concen: 0.318 ng/ul
RT: 26.615 min Scan# 5
Delta R.T. -0.000 min
Lab File: BM038094.D
Acq: 17 Dec 2022 08:24

Instrument :
BNA_M
ClientSampleId :
SLCS589

Tgt Ion:278 Resp: 16176

Ion	Ratio	Lower	Upper
278	100		
139	22.7	19.0	28.6
279	28.4	22.4	33.6





#29
Benzo(g,h,i)perylene
Concen: 0.313 ng/ul
RT: 27.394 min Scan# 6075
Delta R.T. -0.000 min
Lab File: BM038094.D
Acq: 17 Dec 2022 08:24

Tgt Ion:276 Resp: 17350

Ion	Ratio	Lower	Upper
276	100		
138	28.0	24.1	36.1
277	25.3	19.0	28.6