Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121522\
Data File : BM038095.D
Acq On : 17 Dec 2022 09:01
Operator : CG/JU
Sample : PB149715BS
Misc :
ALS Vial : 77 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SLCS715

Quant Time: Dec 19 03:17:33 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	4425	0.400	ng/ul	0.00
4) Naphthalene-d8	10.867	136	12549	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.680	164	6285	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.413	188	13146	0.400	ng/ul	0.00
17) Chrysene-d12	21.583	240	9180	0.400	ng/ul	0.00
23) Perylene-d12	24.035	264	9651	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.406	96	3843	0.635	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.445	152	6699	0.366	ng/ul	0.00
18) Fluoranthene-d10	19.431	212	12621	0.379	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.440	88	8767	1.607	ng/ul#	87
5) Naphthalene	10.917	128	13249	0.348	ng/ul	99
7) 2-Methylnaphthalene	12.517	142	8037	0.344	ng/ul	99
8) 1-Methylnaphthalene	12.737	142	8585	0.359	ng/ul	99
10) Acenaphthylene	14.402	152	11867	0.360	ng/ul	99
11) Acenaphthene	14.740	153	8965	0.359	ng/ul	99
12) Fluorene	15.721	166	9916	0.358	ng/ul	99
14) Pentachlorophenol	17.067	266	3762	0.691	ng/ul	100
15) Phenanthrene	17.455	178	15680	0.354	ng/ul	99
16) Anthracene	17.548	178	14597	0.357	ng/ul	99
19) Fluoranthene	19.464	202	17569	0.371	ng/ul	95
20) Pyrene	19.826	202	18139	0.375	ng/ul	95
21) Benzo(a)anthracene	21.565	228	15672	0.395	ng/ul	100
22) Chrysene	21.618	228	15800	0.395	ng/ul	99
24) Benzo(b)fluoranthene	23.281	252	16697	0.365	ng/ul	97
25) Benzo(k)fluoranthene	23.331	252	15569	0.352	ng/ul	97
26) Benzo(a)pyrene	23.924	252	13958	0.362	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	26.599	276	18120	0.375	ng/ul#	94
28) Dibenzo(a,h)anthracene	26.612	278	14343	0.381	ng/ul	98
29) Benzo(g,h,i)perylene	27.390	276	15487	0.377	ng/ul	97

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

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121522\
Data File : BM038095.D
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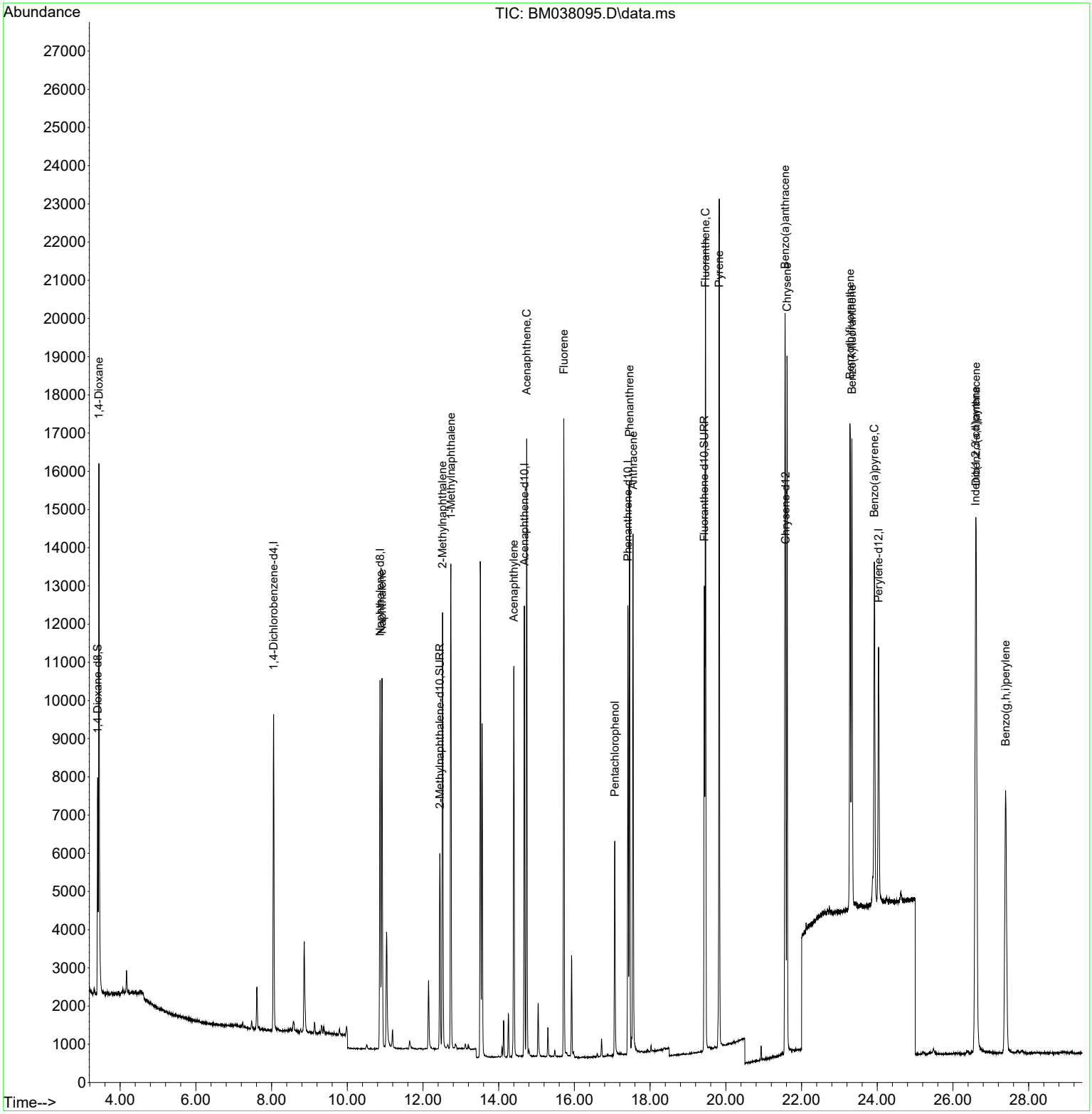
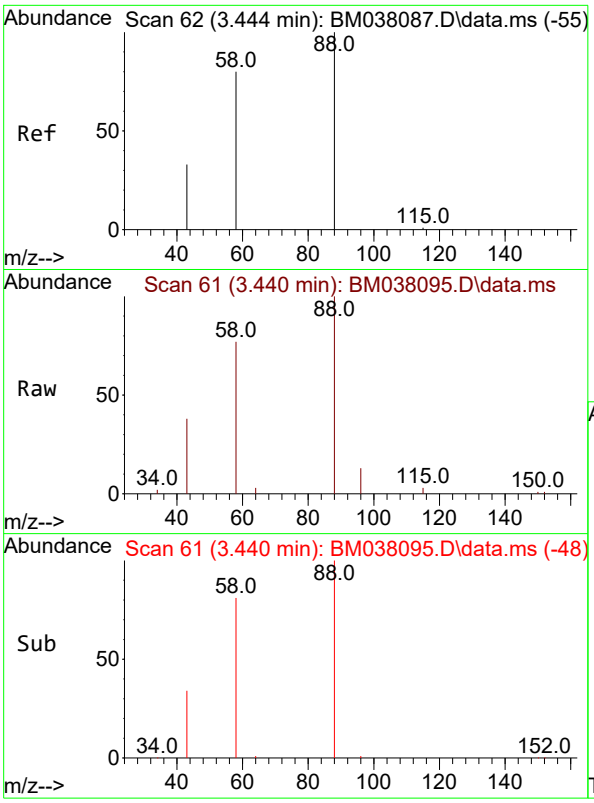
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM121522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Dec 17 05:21:07 2022
Response via : Initial Calibration



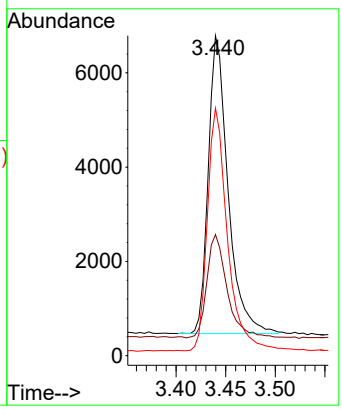


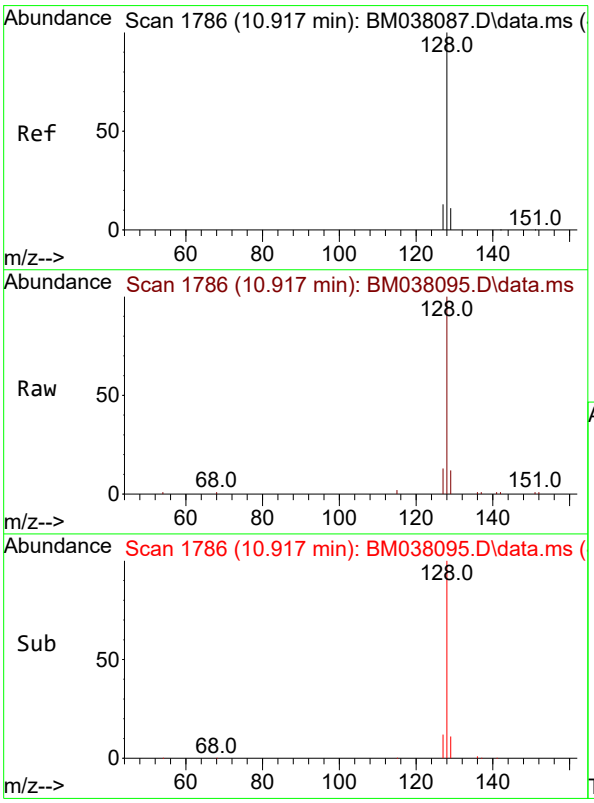
#2
1,4-Dioxane
Concen: 1.607 ng/ul
RT: 3.440 min Scan# 6
Delta R.T. -0.004 min
Lab File: BM038095.D
Acq: 17 Dec 2022 09:01

Instrument :
BNA_M
ClientSampleId :
SLCS715

Tgt Ion: 88 Resp: 8767

Ion	Ratio	Lower	Upper
88	100		
43	37.8	31.4	47.0
58	77.3	50.2	75.2#

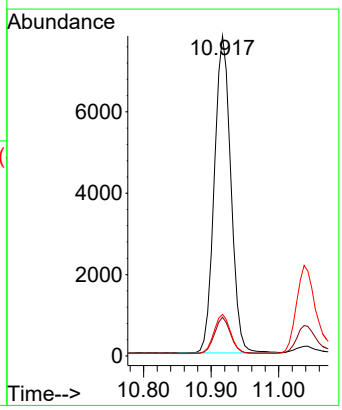


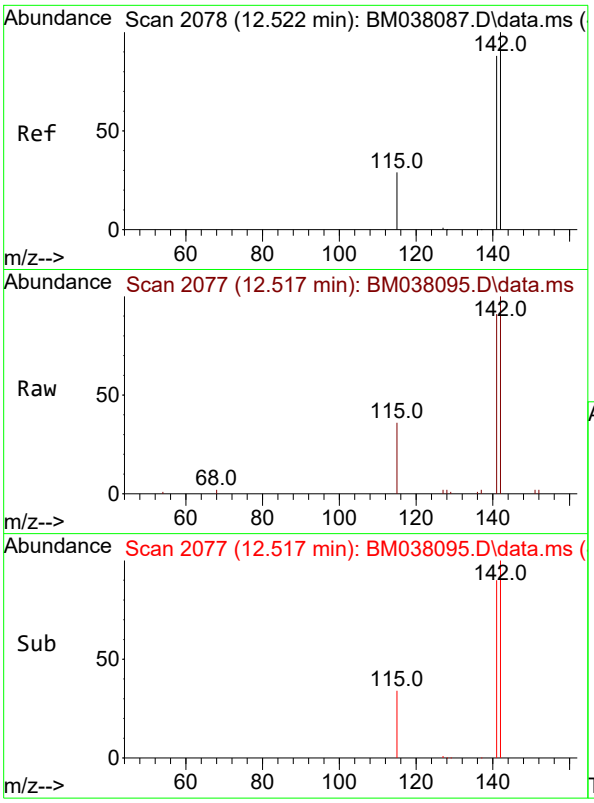


#5
Naphthalene
Concen: 0.348 ng/ul
RT: 10.917 min Scan# 1786
Delta R.T. 0.000 min
Lab File: BM038095.D
Acq: 17 Dec 2022 09:01

Tgt Ion:128 Resp: 13249

Ion	Ratio	Lower	Upper
128	100		
129	12.1	9.1	13.7
127	13.0	10.4	15.6



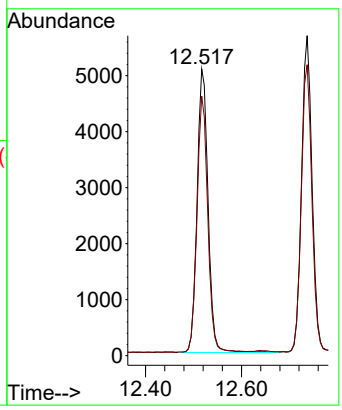


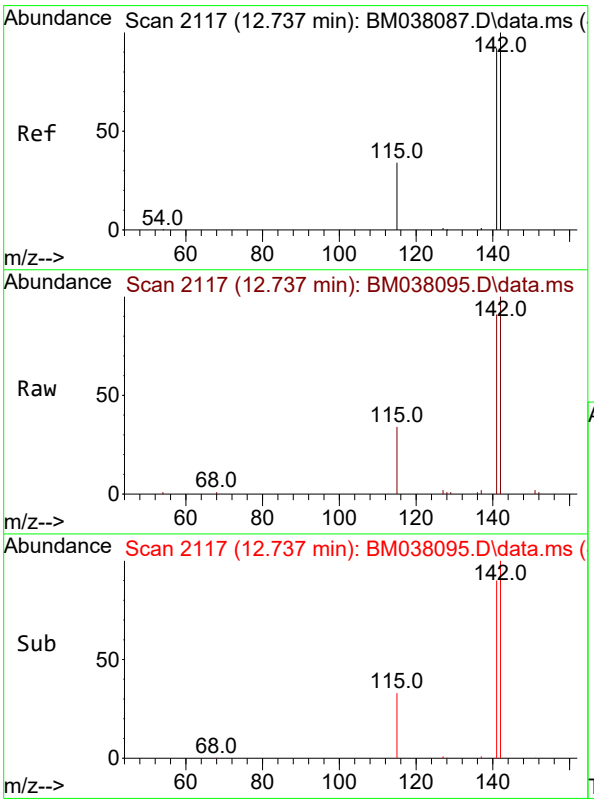
#7
2-Methylnaphthalene
Concen: 0.344 ng/ul
RT: 12.517 min Scan# 2
Delta R.T. -0.005 min
Lab File: BM038095.D
Acq: 17 Dec 2022 09:01

Instrument :
BNA_M
ClientSampleId :
SLCS715

Tgt Ion:142 Resp: 8037

Ion	Ratio	Lower	Upper
142	100		
141	88.7	70.4	105.6

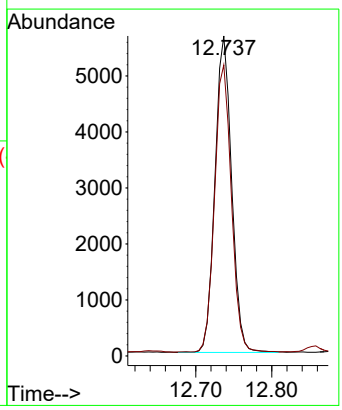


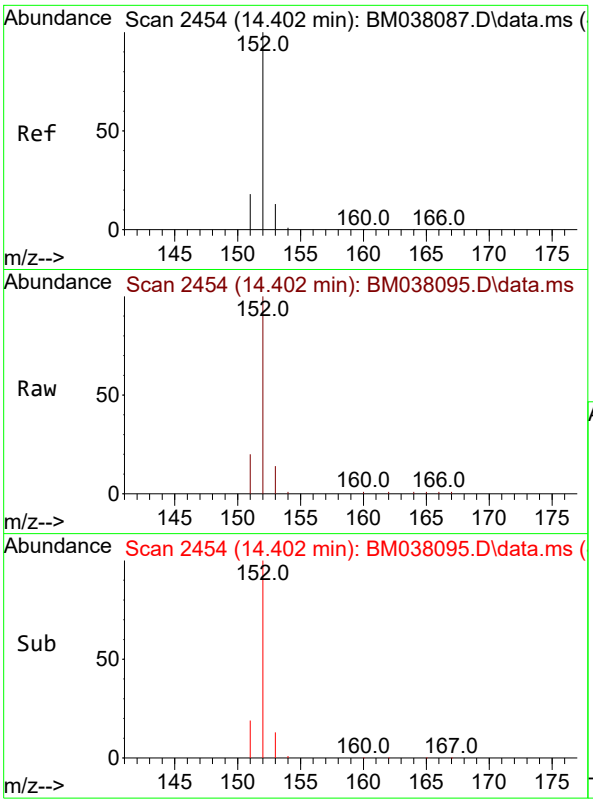


#8
1-Methylnaphthalene
Concen: 0.359 ng/ul
RT: 12.737 min Scan# 2117
Delta R.T. 0.000 min
Lab File: BM038095.D
Acq: 17 Dec 2022 09:01

Tgt Ion:142 Resp: 8585

Ion	Ratio	Lower	Upper
142	100		
141	91.3	73.6	110.4



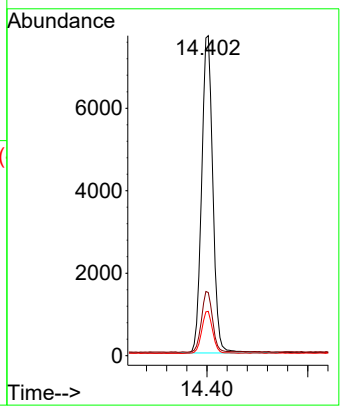


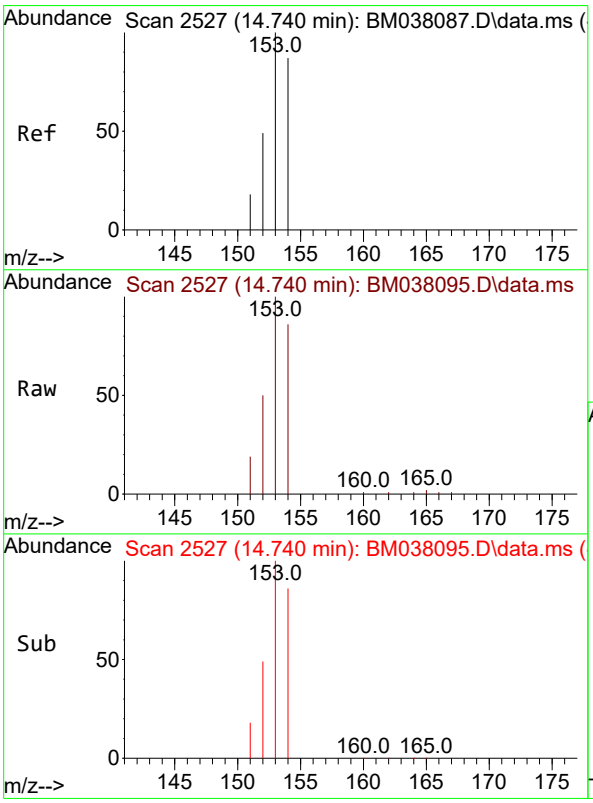
#10
Acenaphthylene
Concen: 0.360 ng/ul
RT: 14.402 min Scan# 24
Delta R.T. 0.000 min
Lab File: BM038095.D
Acq: 17 Dec 2022 09:01

Instrument :
BNA_M
ClientSampleId :
SLCS715

Tgt Ion:152 Resp: 11867

Ion	Ratio	Lower	Upper
152	100		
151	19.7	15.5	23.3
153	13.9	11.0	16.4

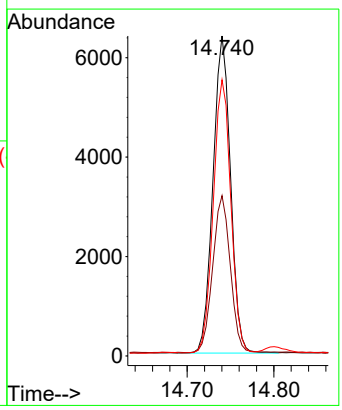


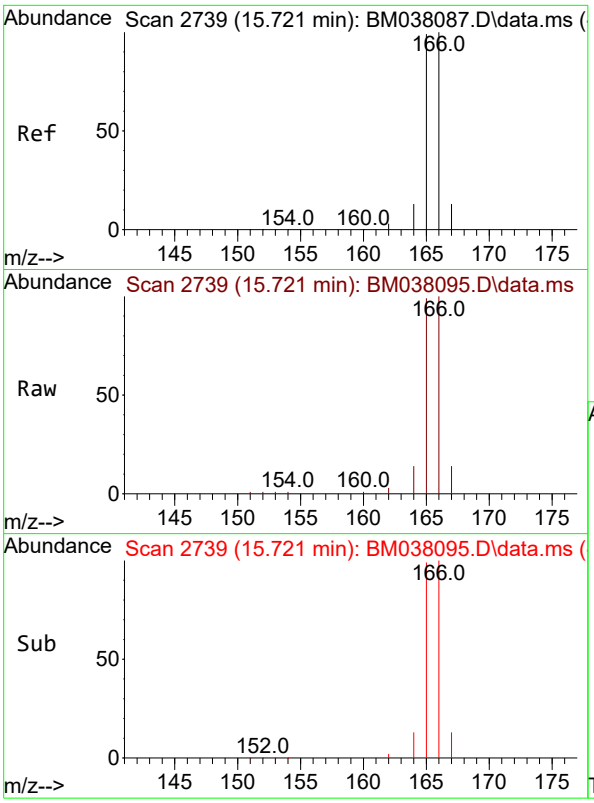


#11
Acenaphthene
Concen: 0.359 ng/ul
RT: 14.740 min Scan# 2527
Delta R.T. 0.000 min
Lab File: BM038095.D
Acq: 17 Dec 2022 09:01

Tgt Ion:153 Resp: 8965

Ion	Ratio	Lower	Upper
153	100		
152	50.1	39.5	59.3
154	86.3	69.2	103.8



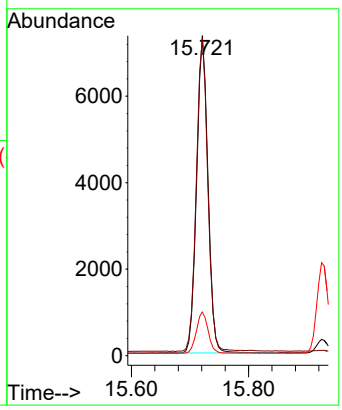


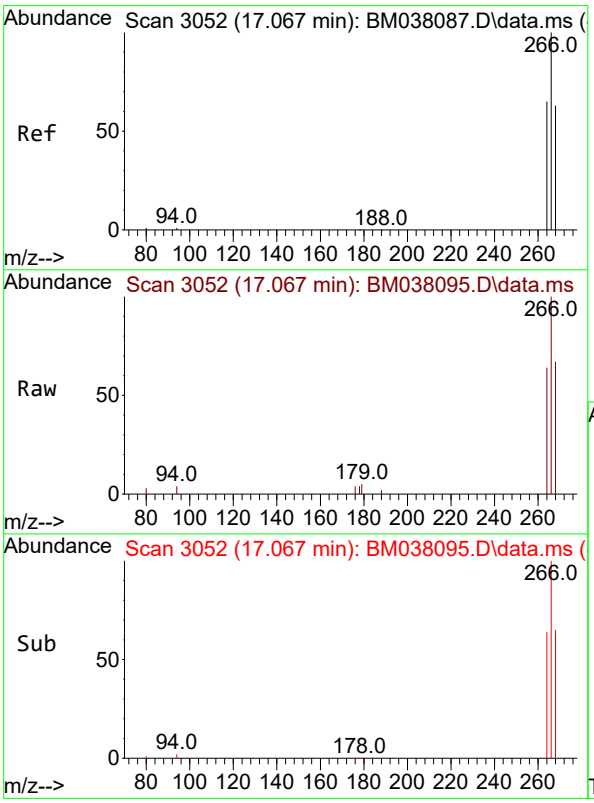
#12
Fluorene
Concen: 0.358 ng/ul
RT: 15.721 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM038095.D
Acq: 17 Dec 2022 09:01

Instrument :
BNA_M
ClientSampleId :
SLCS715

Tgt Ion:166 Resp: 9916

Ion	Ratio	Lower	Upper
166	100		
165	99.2	79.0	118.4
167	13.7	11.1	16.7

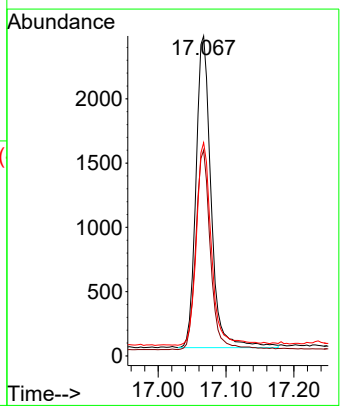


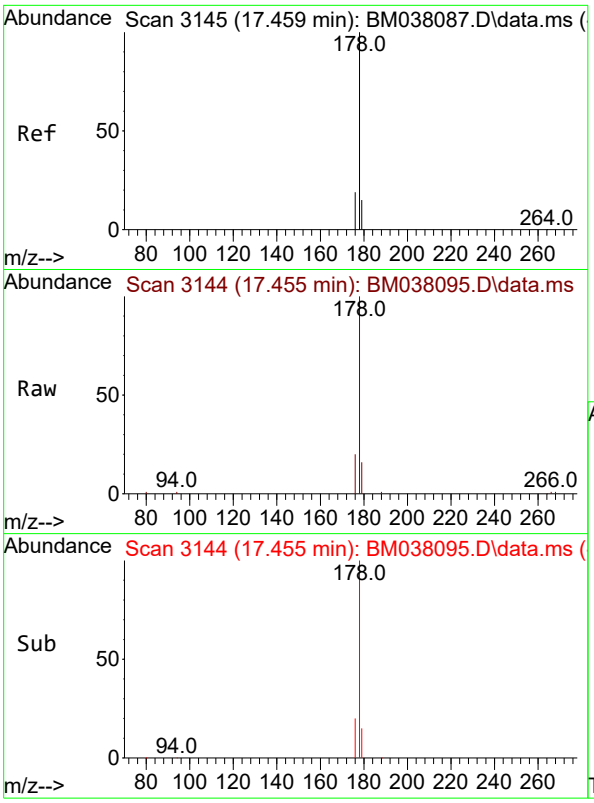


#14
Pentachlorophenol
Concen: 0.691 ng/ul
RT: 17.067 min Scan# 3052
Delta R.T. 0.000 min
Lab File: BM038095.D
Acq: 17 Dec 2022 09:01

Tgt Ion:266 Resp: 3762

Ion	Ratio	Lower	Upper
266	100		
264	62.5	49.9	74.9
268	64.5	52.0	78.0



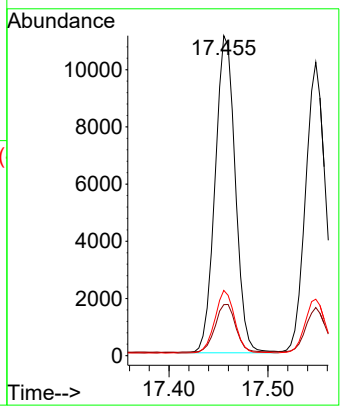


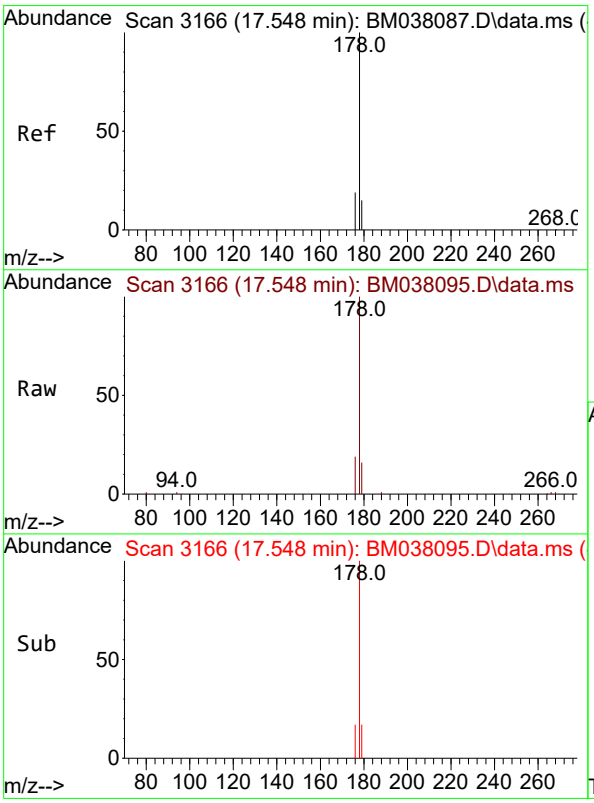
#15
Phenanthrene
Concen: 0.354 ng/ul
RT: 17.455 min Scan# 3
Delta R.T. -0.004 min
Lab File: BM038095.D
Acq: 17 Dec 2022 09:01

Instrument :
BNA_M
ClientSampleId :
SLCS715

Tgt Ion:178 Resp: 15680

Ion	Ratio	Lower	Upper
178	100		
179	16.0	12.6	19.0
176	20.4	15.8	23.6

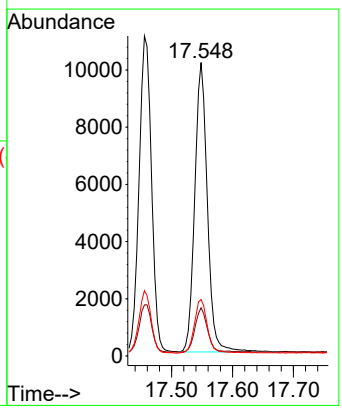


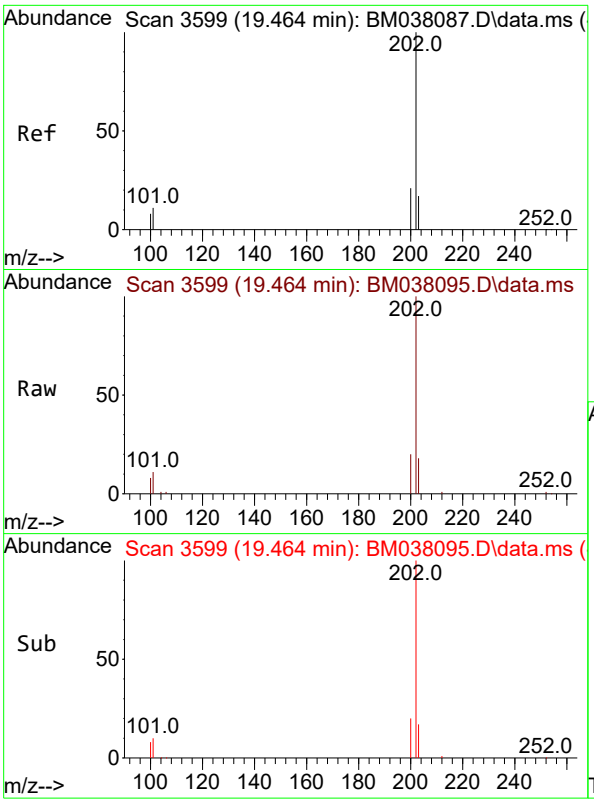


#16
Anthracene
Concen: 0.357 ng/ul
RT: 17.548 min Scan# 3166
Delta R.T. 0.000 min
Lab File: BM038095.D
Acq: 17 Dec 2022 09:01

Tgt Ion:178 Resp: 14597

Ion	Ratio	Lower	Upper
178	100		
179	16.4	13.0	19.4
176	19.3	15.0	22.4



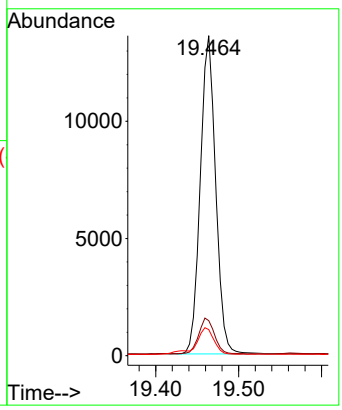


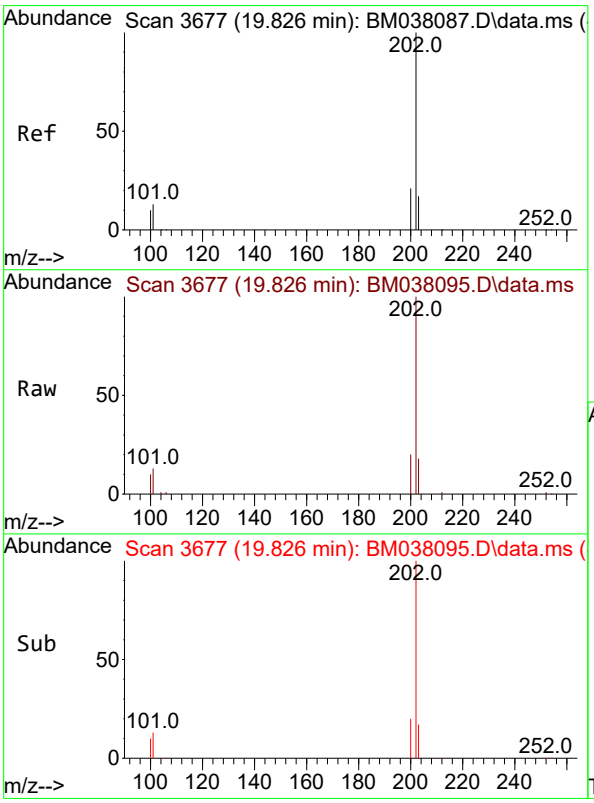
#19
Fluoranthene
Concen: 0.371 ng/ul
RT: 19.464 min Scan# 3
Delta R.T. 0.000 min
Lab File: BM038095.D
Acq: 17 Dec 2022 09:01

Instrument :
BNA_M
ClientSampleId :
SLCS715

Tgt Ion:202 Resp: 17569

Ion	Ratio	Lower	Upper
202	100		
101	10.9	10.6	15.8
100	8.2	7.9	11.9

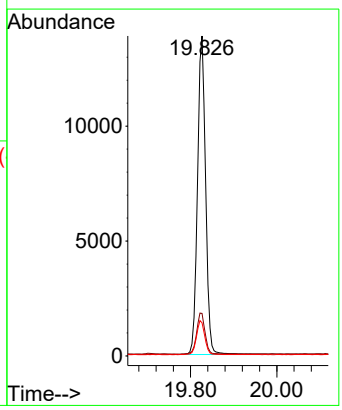


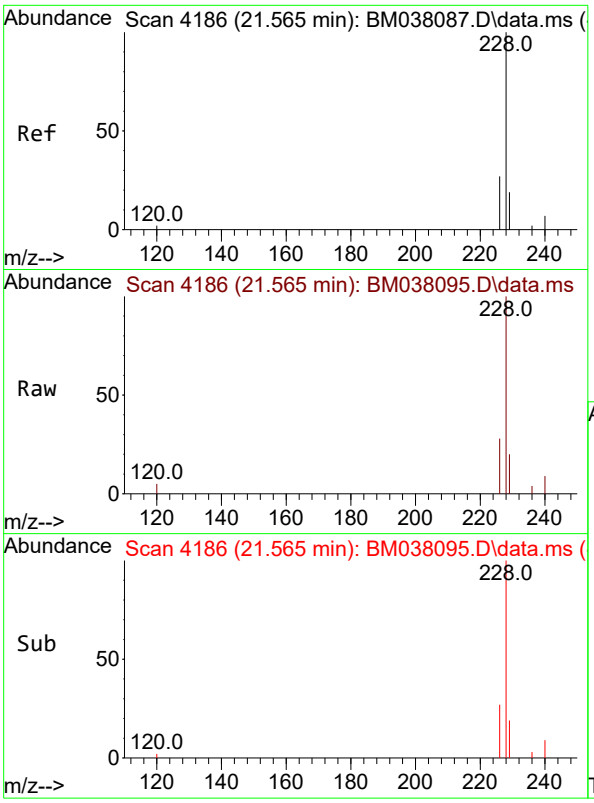


#20
Pyrene
Concen: 0.375 ng/ul
RT: 19.826 min Scan# 3677
Delta R.T. 0.000 min
Lab File: BM038095.D
Acq: 17 Dec 2022 09:01

Tgt Ion:202 Resp: 18139

Ion	Ratio	Lower	Upper
202	100		
101	13.3	12.1	18.1
100	10.3	9.8	14.6



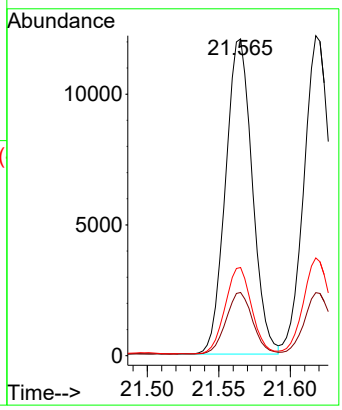


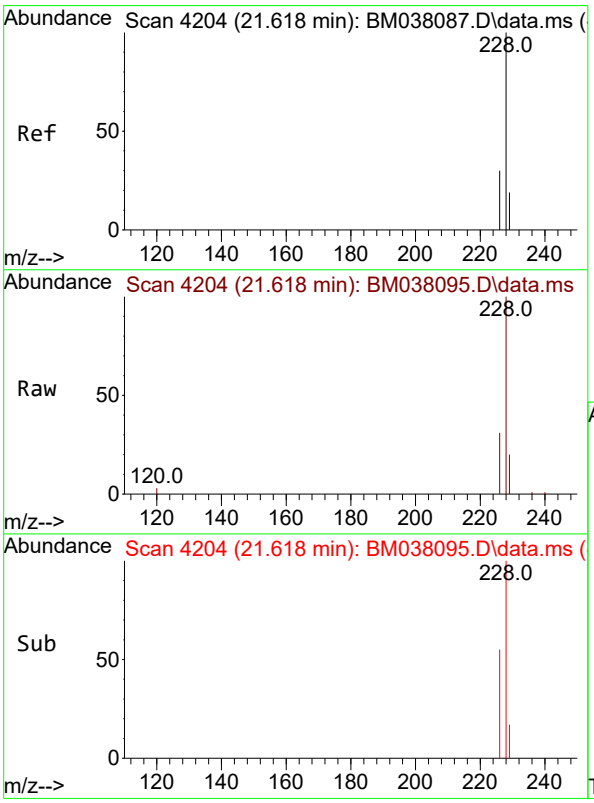
#21
Benzo(a)anthracene
Concen: 0.395 ng/ul
RT: 21.565 min Scan# 4
Delta R.T. 0.000 min
Lab File: BM038095.D
Acq: 17 Dec 2022 09:01

Instrument :
BNA_M
ClientSampleId :
SLCS715

Tgt Ion:228 Resp: 15672

Ion	Ratio	Lower	Upper
228	100		
229	19.9	15.9	23.9
226	27.8	22.1	33.1

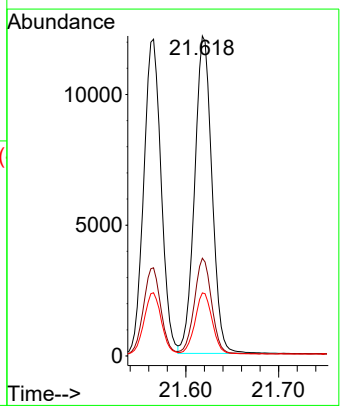


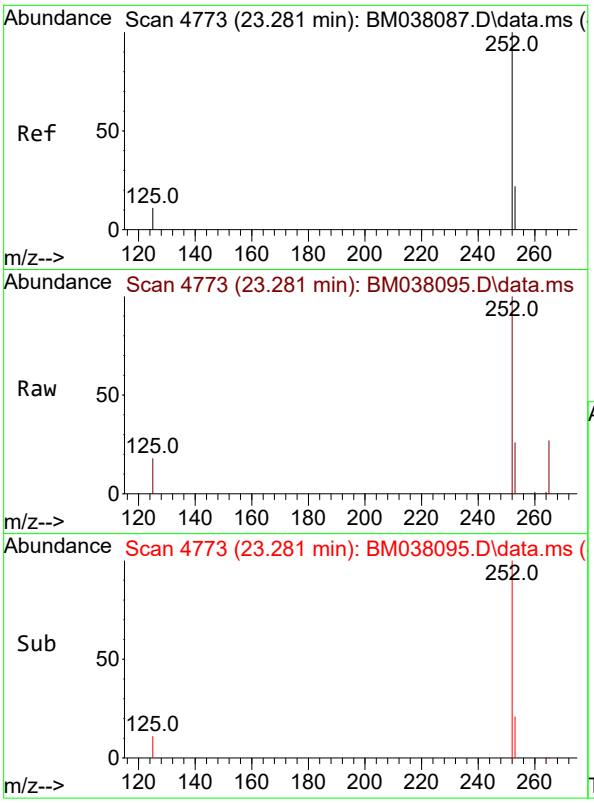


#22
Chrysene
Concen: 0.395 ng/ul
RT: 21.618 min Scan# 4204
Delta R.T. 0.000 min
Lab File: BM038095.D
Acq: 17 Dec 2022 09:01

Tgt Ion:228 Resp: 15800

Ion	Ratio	Lower	Upper
228	100		
226	30.5	24.1	36.1
229	19.7	15.7	23.5



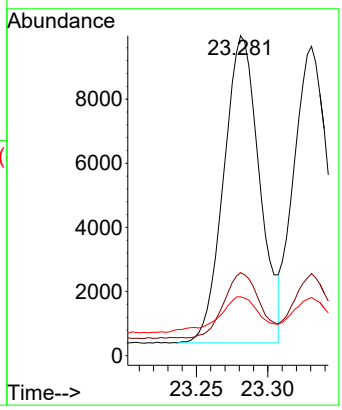


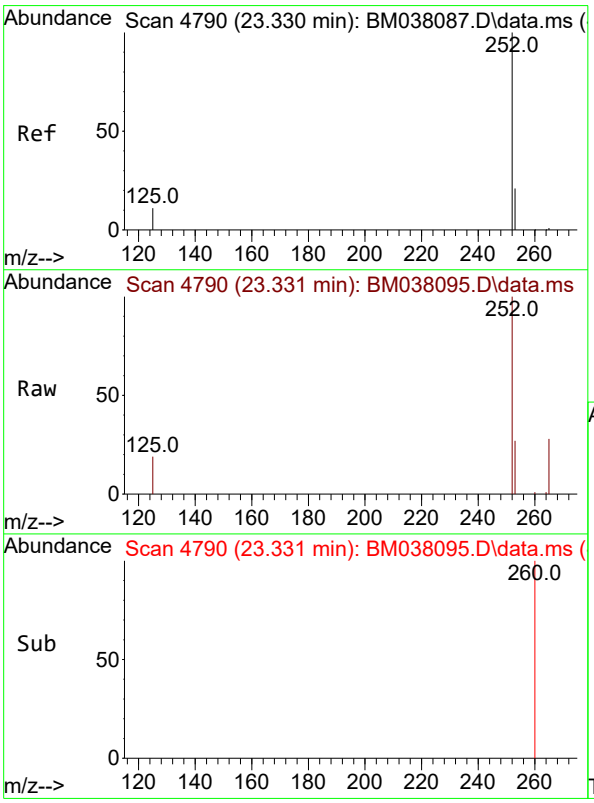
#24
Benzo(b)fluoranthene
Concen: 0.365 ng/ul
RT: 23.281 min Scan# 4
Delta R.T. 0.000 min
Lab File: BM038095.D
Acq: 17 Dec 2022 09:01

Instrument :
BNA_M
ClientSampleId :
SLCS715

Tgt Ion:252 Resp: 16697

Ion	Ratio	Lower	Upper
252	100		
253	25.9	0.0	51.8
125	18.4	0.0	42.2

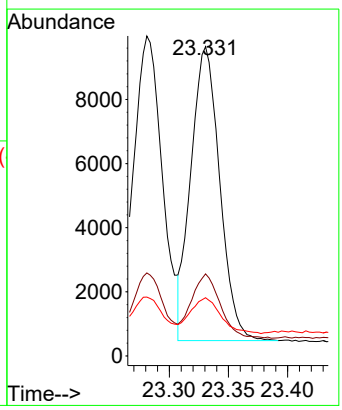


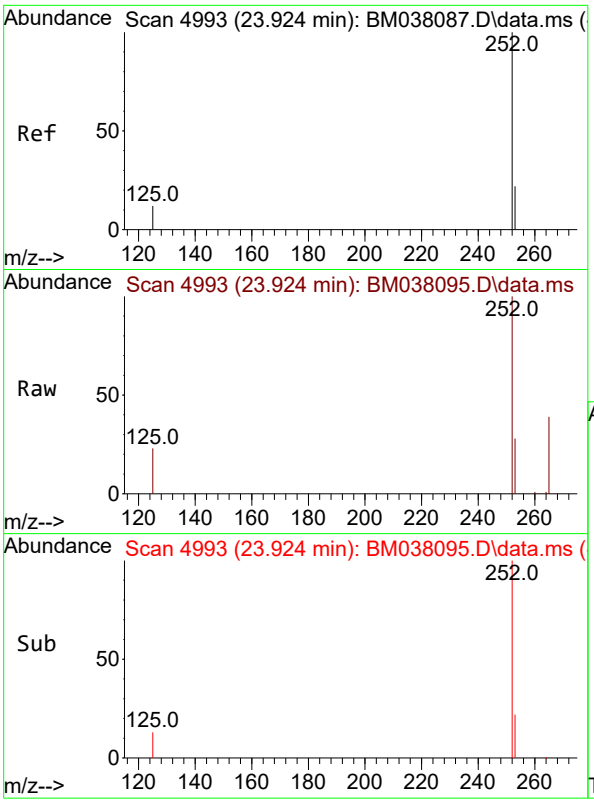


#25
Benzo(k)fluoranthene
Concen: 0.352 ng/ul
RT: 23.331 min Scan# 4790
Delta R.T. 0.000 min
Lab File: BM038095.D
Acq: 17 Dec 2022 09:01

Tgt Ion:252 Resp: 15569

Ion	Ratio	Lower	Upper
252	100		
253	26.5	20.8	31.2
125	18.8	17.1	25.7



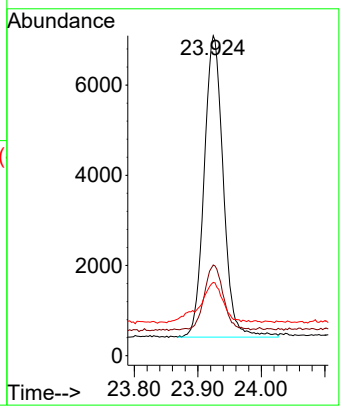


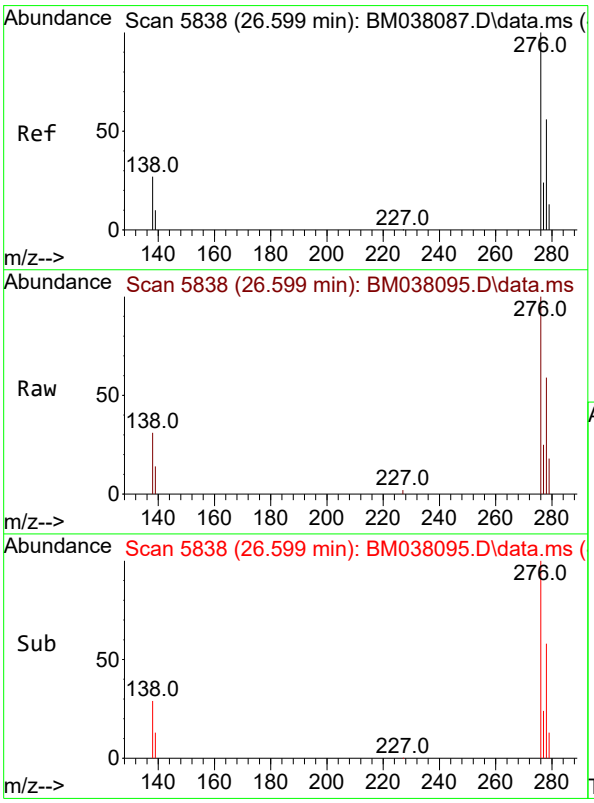
#26
Benzo(a)pyrene
Concen: 0.362 ng/ul
RT: 23.924 min Scan# 4
Delta R.T. 0.000 min
Lab File: BM038095.D
Acq: 17 Dec 2022 09:01

Instrument :
BNA_M
ClientSampleId :
SLCS715

Tgt Ion:252 Resp: 13958

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

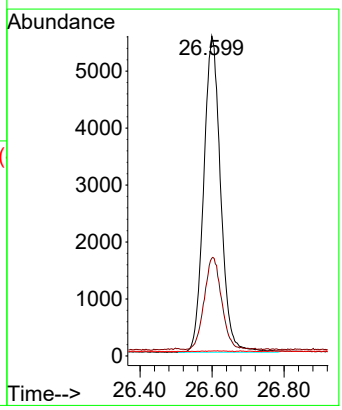


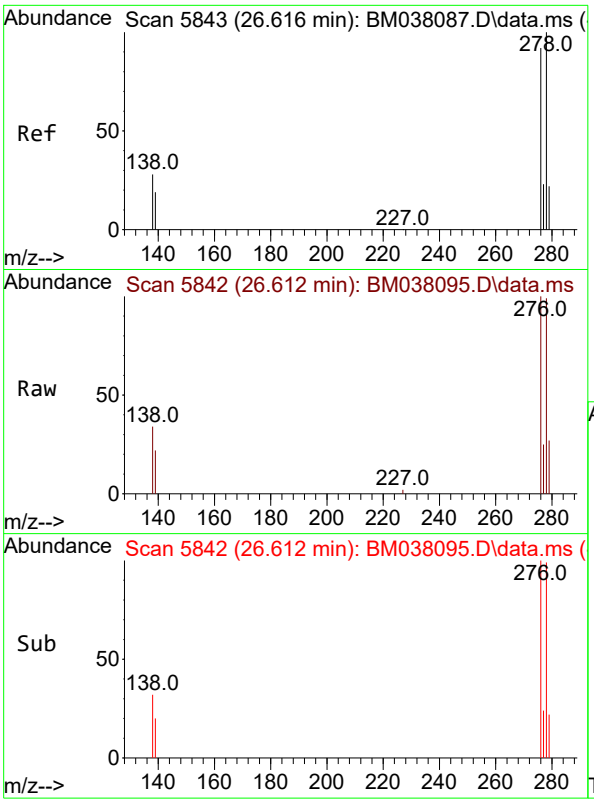


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.375 ng/ul
RT: 26.599 min Scan# 5838
Delta R.T. 0.000 min
Lab File: BM038095.D
Acq: 17 Dec 2022 09:01

Tgt Ion:276 Resp: 18120

Ion	Ratio	Lower	Upper
276	100		
138	30.0	26.6	40.0
227	0.0	0.1	0.1#



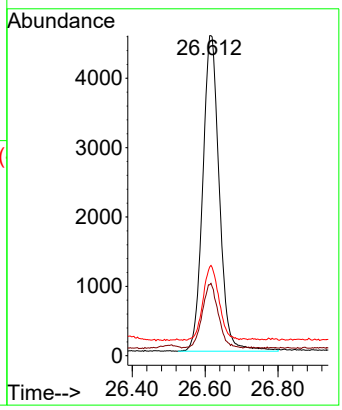


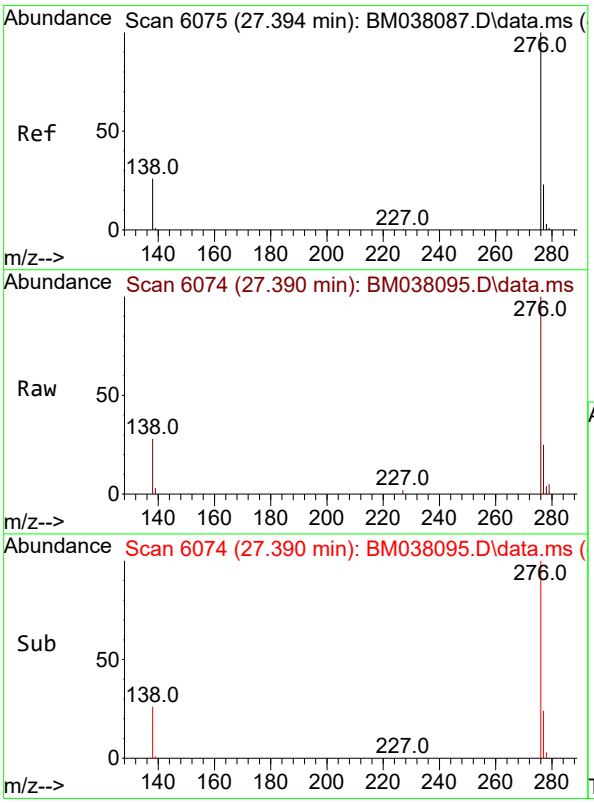
#28
Dibenzo(a,h)anthracene
Concen: 0.381 ng/ul
RT: 26.612 min Scan# 5
Delta R.T. -0.003 min
Lab File: BM038095.D
Acq: 17 Dec 2022 09:01

Instrument :
BNA_M
ClientSampleId :
SLCS715

Tgt Ion:278 Resp: 14343

Ion	Ratio	Lower	Upper
278	100		
139	22.2	19.0	28.6
279	27.7	22.4	33.6





#29
Benzo(g,h,i)perylene
Concen: 0.377 ng/ul
RT: 27.390 min Scan# 6074
Delta R.T. -0.003 min
Lab File: BM038095.D
Acq: 17 Dec 2022 09:01

Tgt Ion:276 Resp: 15487

Ion	Ratio	Lower	Upper
276	100		
138	28.2	24.1	36.1
277	25.2	19.0	28.6