Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121922\
Data File : BM038111.D
Acq On : 19 Dec 2022 20:23
Operator : CG/JU
Sample : N5925-14DL 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBXZ5DL

Quant Time: Dec 19 23:24:17 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	8.051	152	5233	0.400	ng/ul	0.00
4) Naphthalene-d8	10.867	136	16507	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.675	164	9266	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.413	188	18665	0.400	ng/ul	0.00
17) Chrysene-d12	21.580	240	12896	0.400	ng/ul	0.00
23) Perylene-d12	24.032	264	11758	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.402	96	13114	1.833	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.445	152	3318	0.138	ng/ul	0.00
18) Fluoranthene-d10	19.431	212	5978	0.128	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.917	128	5958	0.119	ng/ul	97
7) 2-Methylnaphthalene	12.517	142	1928	0.063	ng/ul	99
8) 1-Methylnaphthalene	12.737	142	1770	0.056	ng/ul	100
10) Acenaphthylene	14.402	152	2037	0.042	ng/ul#	86
11) Acenaphthene	14.740	153	2692	0.073	ng/ul	98
12) Fluorene	15.721	166	3893	0.095	ng/ul	98
14) Pentachlorophenol	17.067	266	318	0.041	ng/ul	96
15) Phenanthrene	17.455	178	54209	0.862	ng/ul	100
16) Anthracene	17.548	178	9393	0.162	ng/ul	96
19) Fluoranthene	19.464	202	80438	1.208	ng/ul#	94
20) Pyrene	19.826	202	58039	0.854	ng/ul#	93
21) Benzo(a)anthracene	21.562	228	29850	0.536	ng/ul	98
22) Chrysene	21.618	228	29735	0.529	ng/ul	96
24) Benzo(b)fluoranthene	23.281	252	35967	0.645	ng/ul	97
26) Benzo(a)pyrene	23.924	252	19224	0.409	ng/ul	94
27) Indeno(1,2,3-cd)pyrene	26.595	276	14500	0.246	ng/ul#	85
28) Dibenzo(a,h)anthracene	26.606	278	4315	0.094	ng/ul#	64
29) Benzo(g,h,i)perylene	27.387	276	10036	0.200	ng/ul	96

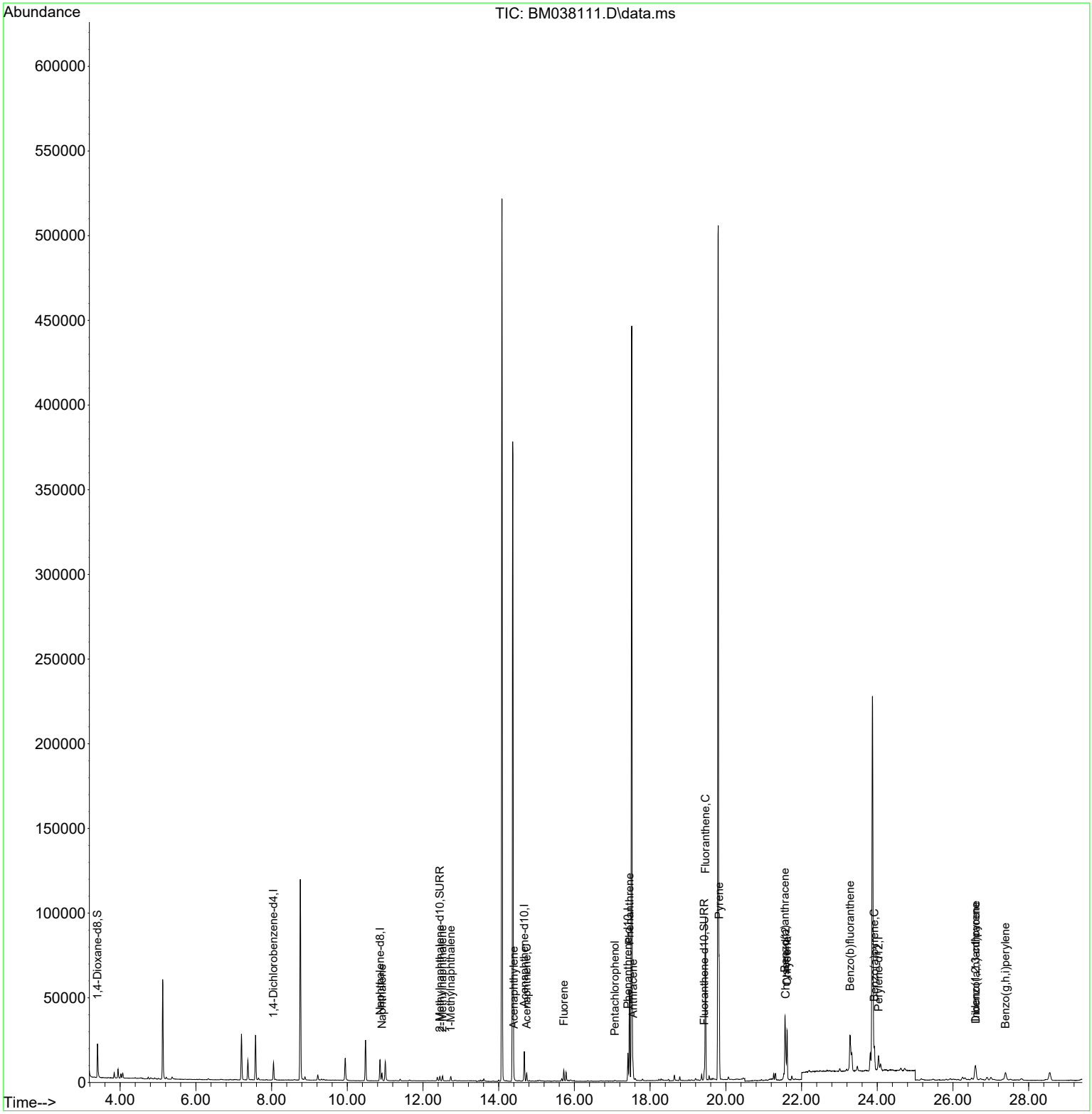
(#) = qualifier out of range (m) = manual integration (+) = signals summed

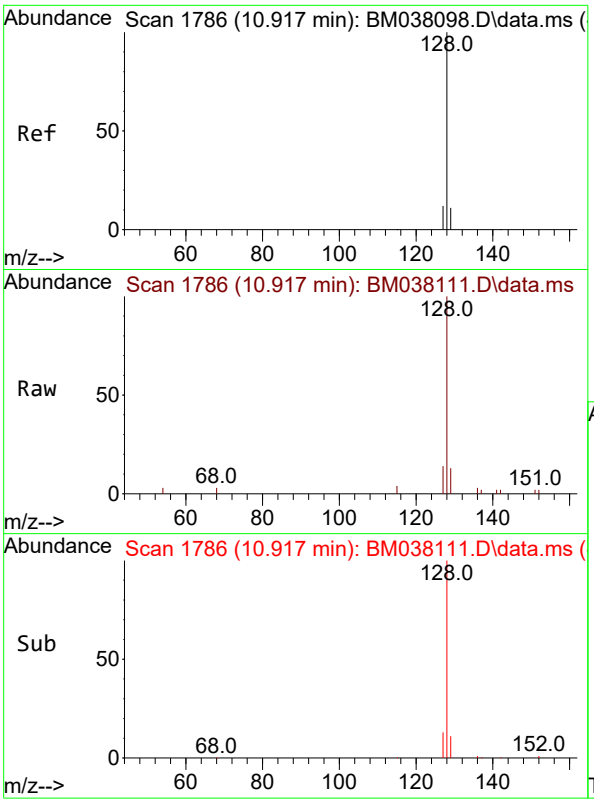
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121922\
Data File : BM038111.D
Acq On : 19 Dec 2022 20:23
Operator : CG/JU
Sample : N5925-14DL 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBXZ5DL

Quant Time: Dec 19 23:24:17 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



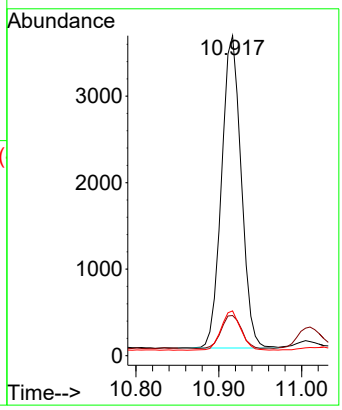


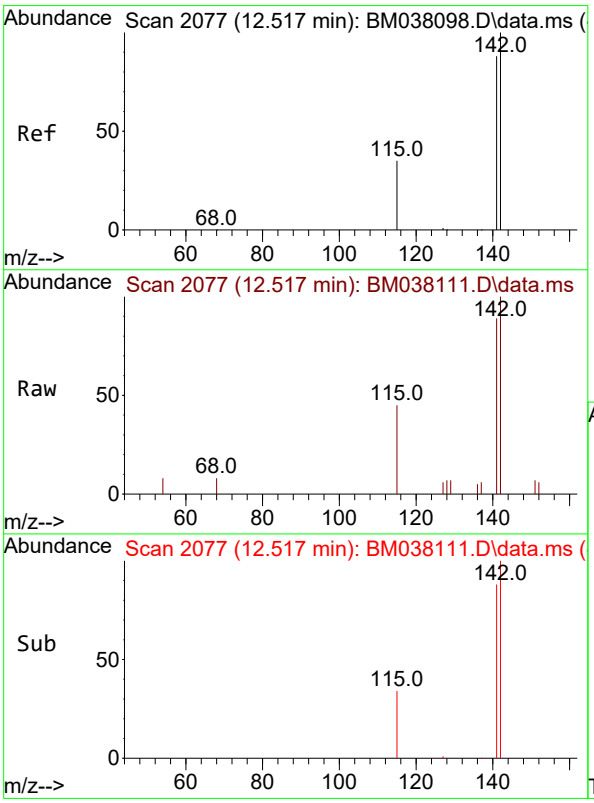
#5
Naphthalene
Concen: 0.119 ng/ul
RT: 10.917 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM038111.D
Acq: 19 Dec 2022 20:23

Instrument :
BNA_M
ClientSampleId :
DBXZ5DL

Tgt Ion:128 Resp: 5958

Ion	Ratio	Lower	Upper
128	100		
129	12.6	9.1	13.7
127	14.0	10.4	15.6

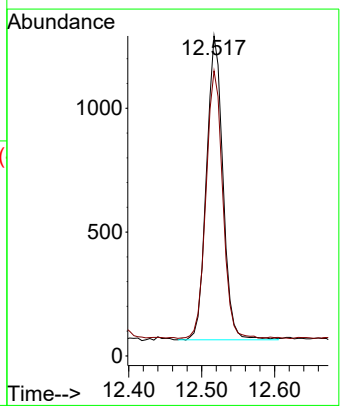


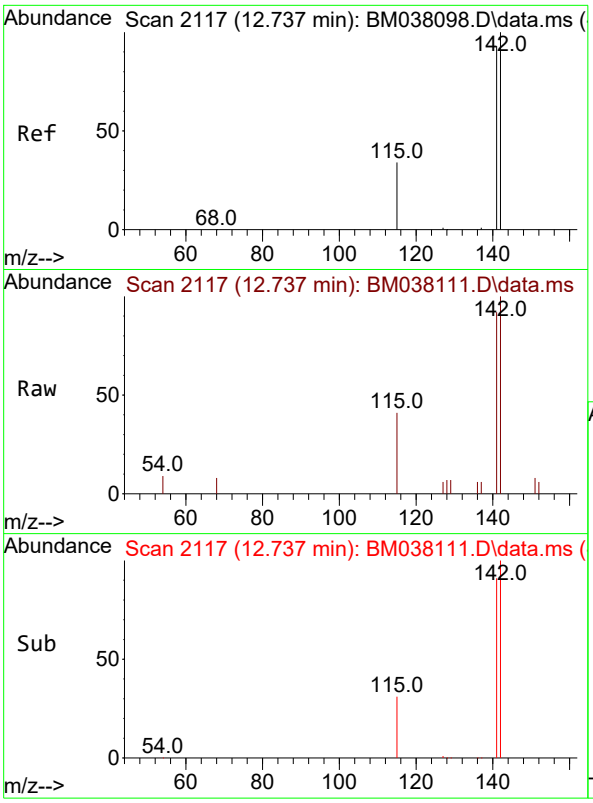


#7
2-Methylnaphthalene
Concen: 0.063 ng/ul
RT: 12.517 min Scan# 2077
Delta R.T. -0.005 min
Lab File: BM038111.D
Acq: 19 Dec 2022 20:23

Tgt Ion:142 Resp: 1928

Ion	Ratio	Lower	Upper
142	100		
141	89.3	70.4	105.6



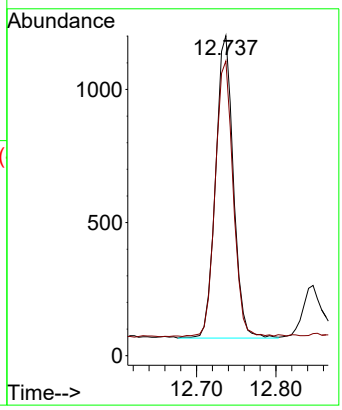


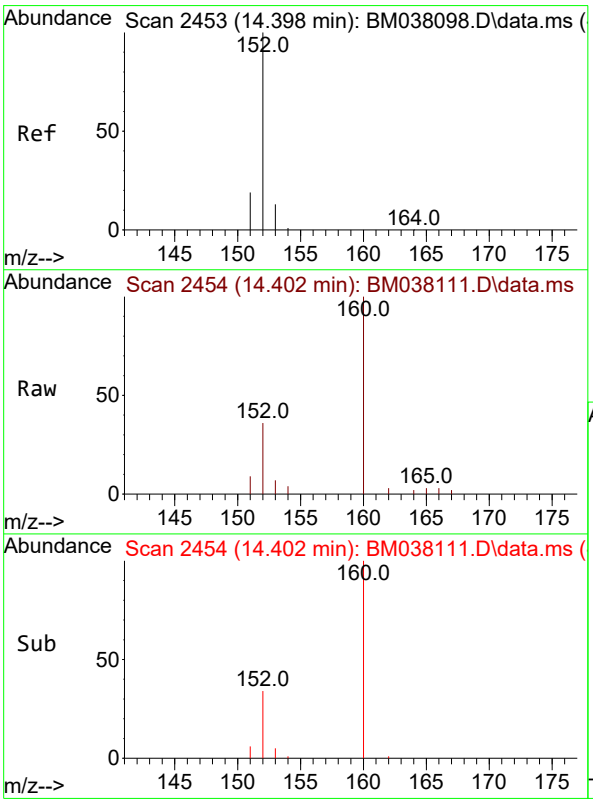
#8
1-Methylnaphthalene
Concen: 0.056 ng/ul
RT: 12.737 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM038111.D
Acq: 19 Dec 2022 20:23

Instrument :
BNA_M
ClientSampleId :
DBXZ5DL

Tgt Ion:142 Resp: 1770

Ion	Ratio	Lower	Upper
142	100		
141	92.2	73.6	110.4

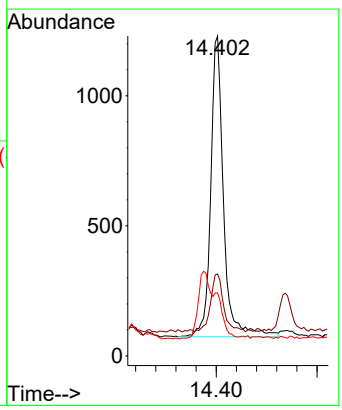


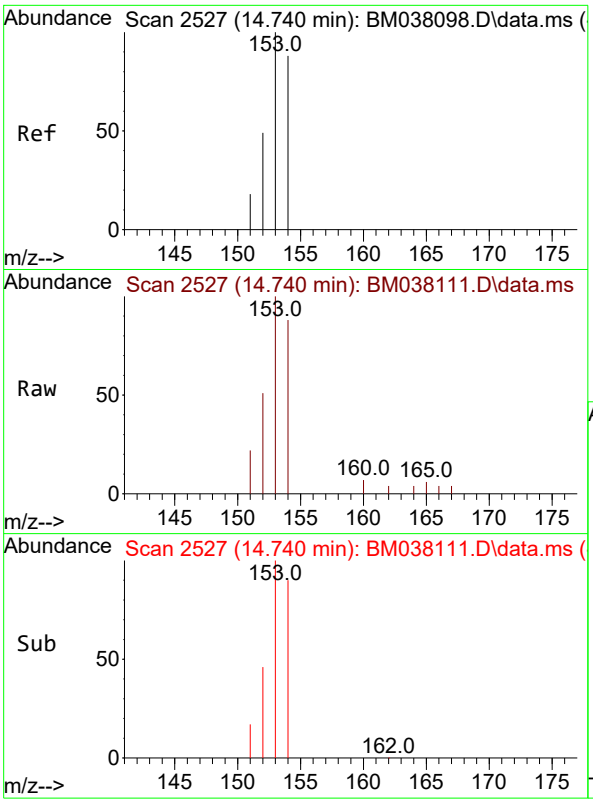


#10
Acenaphthylene
Concen: 0.042 ng/ul
RT: 14.402 min Scan# 2454
Delta R.T. 0.000 min
Lab File: BM038111.D
Acq: 19 Dec 2022 20:23

Tgt Ion:152 Resp: 2037

Ion	Ratio	Lower	Upper
152	100		
151	25.6	15.5	23.3#
153	19.7	11.0	16.4#



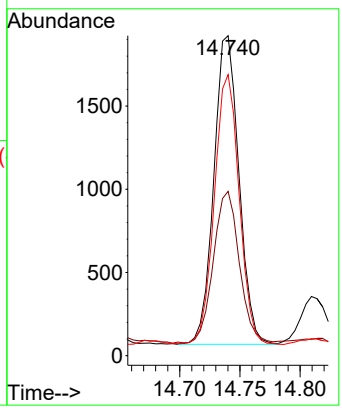


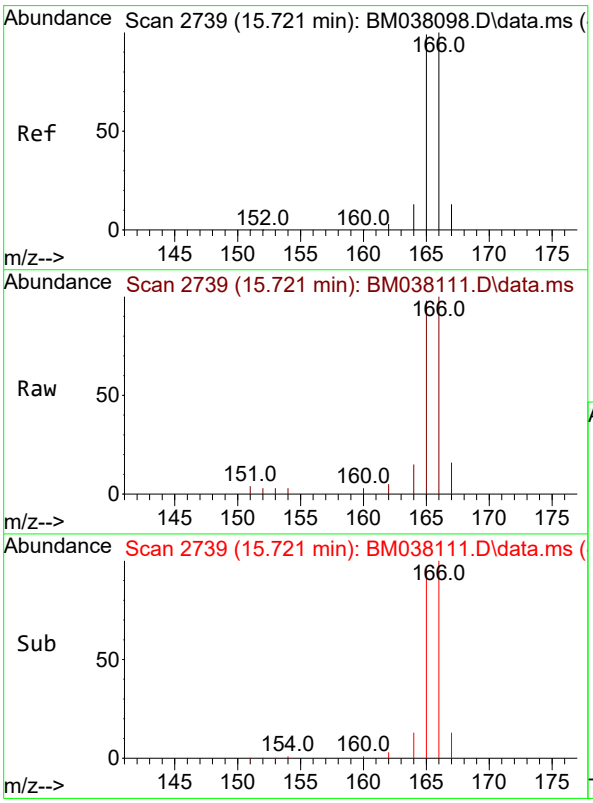
#11
Acenaphthene
Concen: 0.073 ng/ul
RT: 14.740 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM038111.D
Acq: 19 Dec 2022 20:23

Instrument :
BNA_M
ClientSampleId :
DBXZ5DL

Tgt Ion:153 Resp: 2692

Ion	Ratio	Lower	Upper
153	100		
152	51.3	39.5	59.3
154	87.8	69.2	103.8

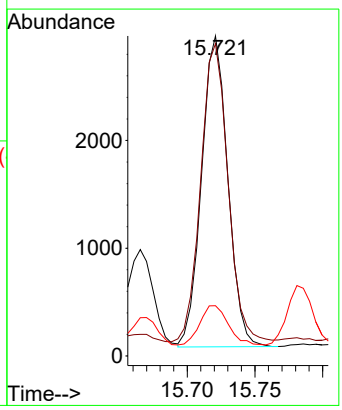


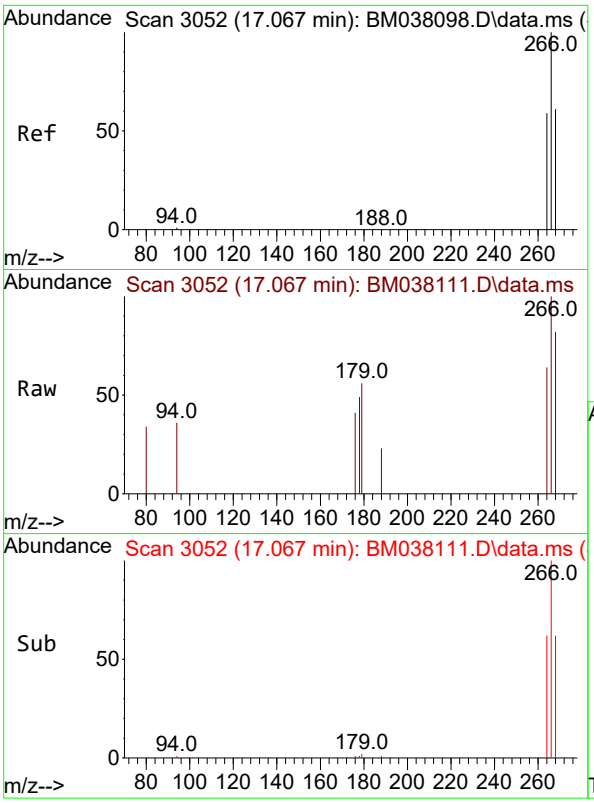


#12
Fluorene
Concen: 0.095 ng/ul
RT: 15.721 min Scan# 2739
Delta R.T. 0.000 min
Lab File: BM038111.D
Acq: 19 Dec 2022 20:23

Tgt Ion:166 Resp: 3893

Ion	Ratio	Lower	Upper
166	100		
165	97.6	79.0	118.4
167	15.7	11.1	16.7



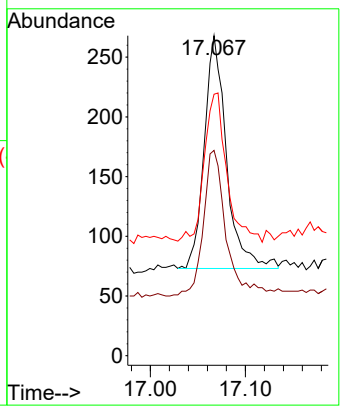


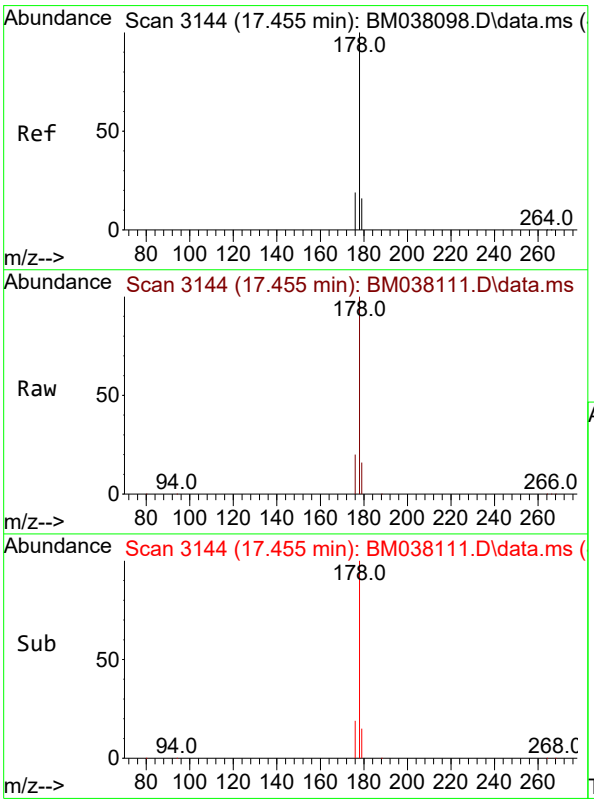
#14
Pentachlorophenol
Concen: 0.041 ng/ul
RT: 17.067 min Scan# 3
Delta R.T. 0.000 min
Lab File: BM038111.D
Acq: 19 Dec 2022 20:23

Instrument :
BNA_M
ClientSampleId :
DBXZ5DL

Tgt Ion:266 Resp: 318

Ion	Ratio	Lower	Upper
266	100		
264	67.6	49.9	74.9
268	64.5	52.0	78.0

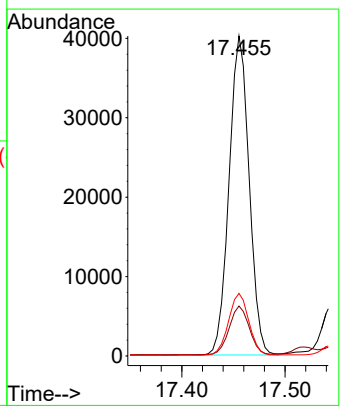


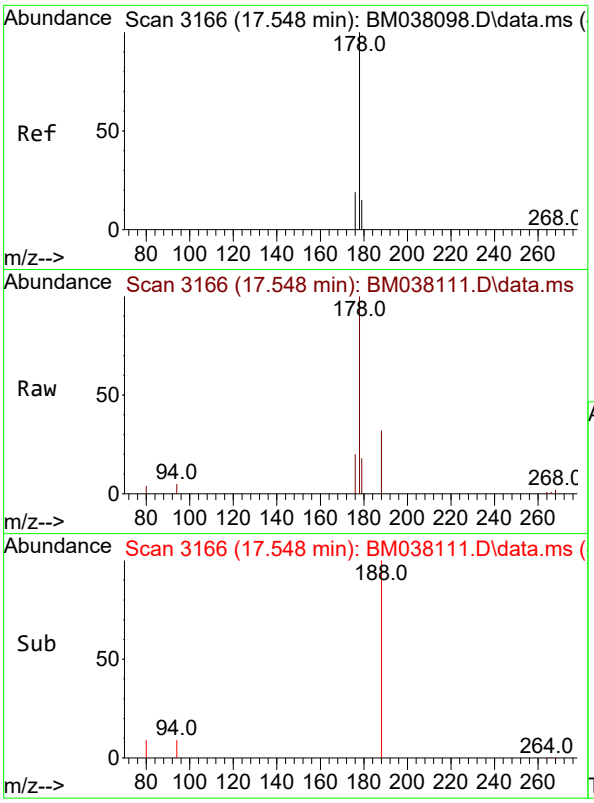


#15
Phenanthrene
Concen: 0.862 ng/ul
RT: 17.455 min Scan# 3144
Delta R.T. -0.004 min
Lab File: BM038111.D
Acq: 19 Dec 2022 20:23

Tgt Ion:178 Resp: 54209

Ion	Ratio	Lower	Upper
178	100		
179	15.6	12.6	19.0
176	19.6	15.8	23.6



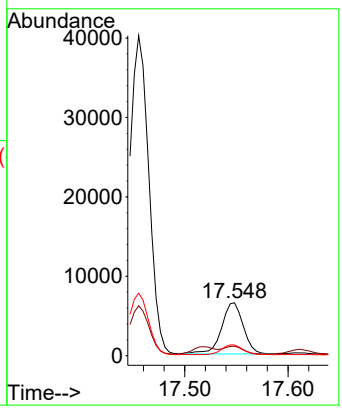


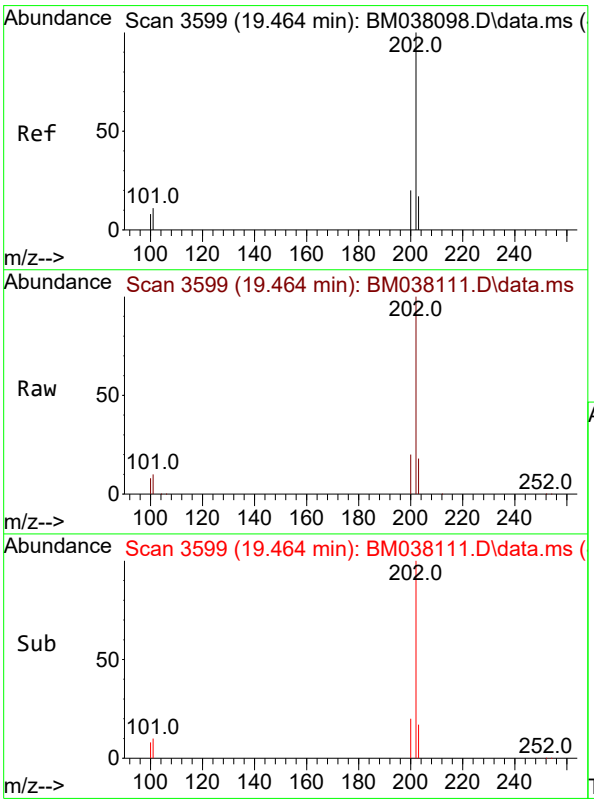
#16
Anthracene
Concen: 0.162 ng/ul
RT: 17.548 min Scan# 3
Delta R.T. 0.000 min
Lab File: BM038111.D
Acq: 19 Dec 2022 20:23

Instrument :
BNA_M
ClientSampleId :
DBXZ5DL

Tgt Ion:178 Resp: 9393

Ion	Ratio	Lower	Upper
178	100		
179	17.8	13.0	19.4
176	20.3	15.0	22.4

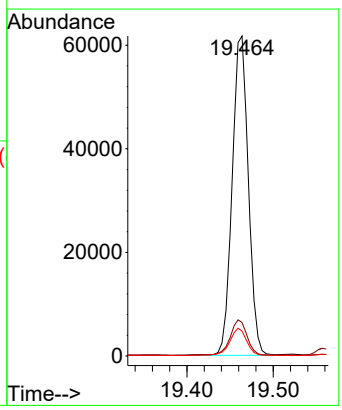


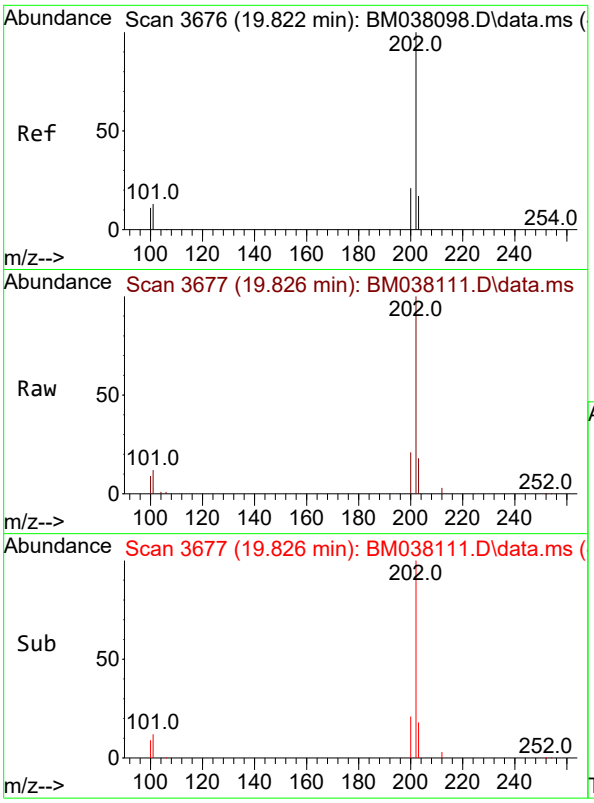


#19
Fluoranthene
Concen: 1.208 ng/ul
RT: 19.464 min Scan# 3599
Delta R.T. 0.000 min
Lab File: BM038111.D
Acq: 19 Dec 2022 20:23

Tgt Ion:202 Resp: 80438

Ion	Ratio	Lower	Upper
202	100		
101	10.4	10.6	15.8#
100	7.7	7.9	11.9#



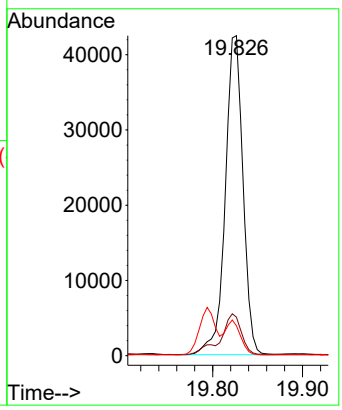


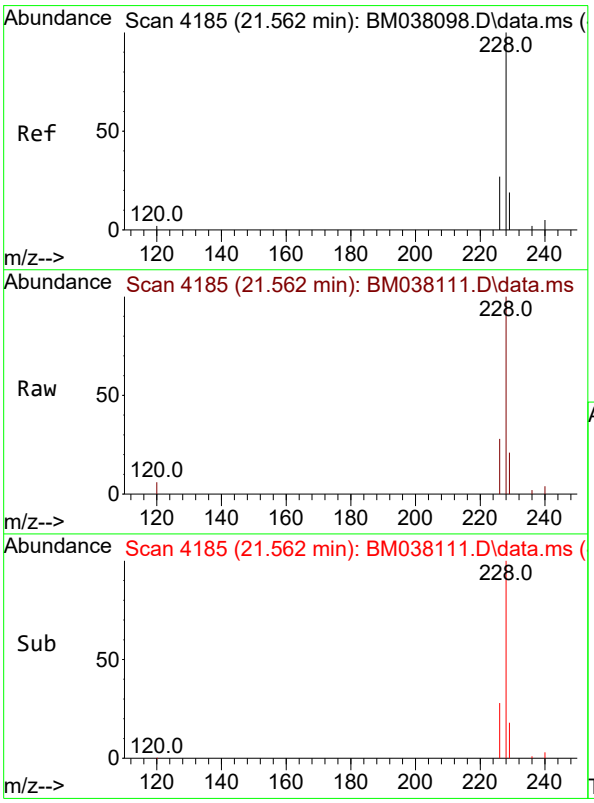
#20
Pyrene
Concen: 0.854 ng/ul
RT: 19.826 min Scan# 3
Delta R.T. 0.000 min
Lab File: BM038111.D
Acq: 19 Dec 2022 20:23

Instrument :
BNA_M
ClientSampleId :
DBXZ5DL

Tgt Ion:202 Resp: 58039

Ion	Ratio	Lower	Upper
202	100		
101	12.1	12.1	18.1#
100	9.3	9.8	14.6#

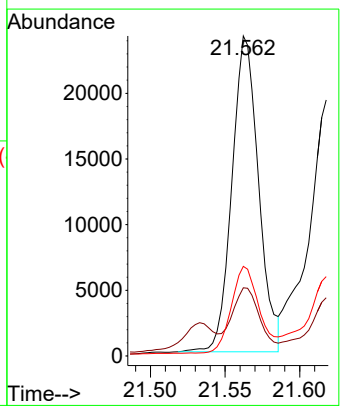


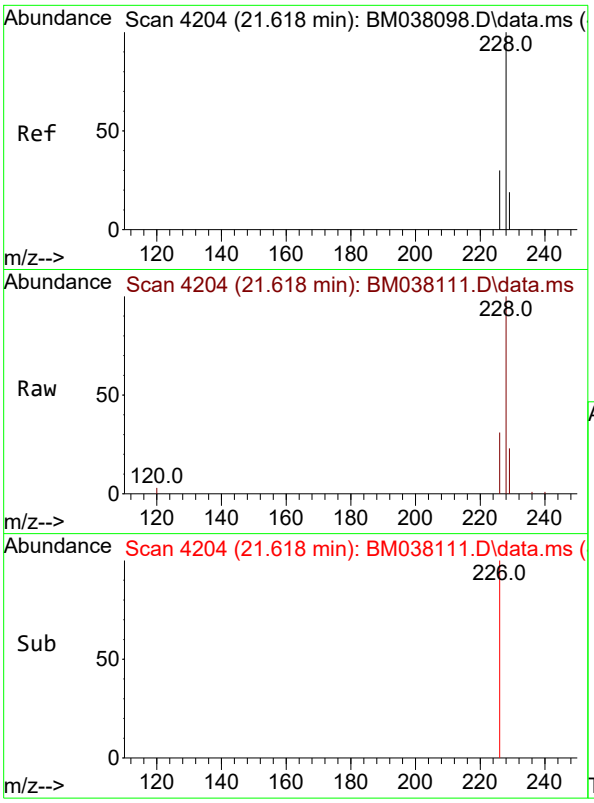


#21
Benzo(a)anthracene
Concen: 0.536 ng/ul
RT: 21.562 min Scan# 4185
Delta R.T. -0.003 min
Lab File: BM038111.D
Acq: 19 Dec 2022 20:23

Tgt Ion:228 Resp: 29850

Ion	Ratio	Lower	Upper
228	100		
229	21.3	15.9	23.9
226	28.0	22.1	33.1



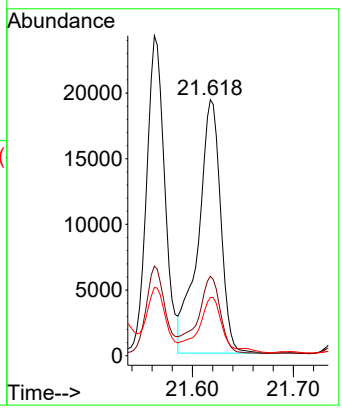


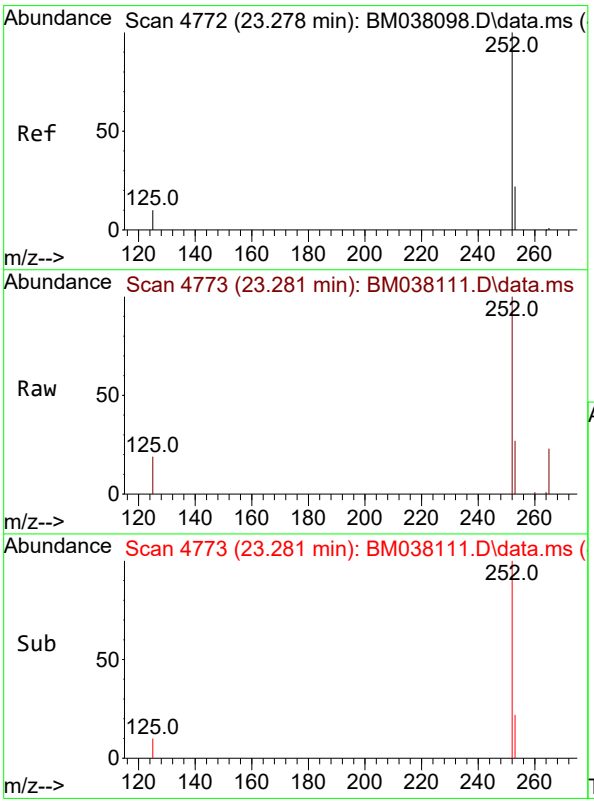
#22
Chrysene
Concen: 0.529 ng/ul
RT: 21.618 min Scan# 4
Delta R.T. 0.000 min
Lab File: BM038111.D
Acq: 19 Dec 2022 20:23

Instrument :
BNA_M
ClientSampleId :
DBXZ5DL

Tgt Ion:228 Resp: 29735

Ion	Ratio	Lower	Upper
228	100		
226	31.0	24.1	36.1
229	22.7	15.7	23.5

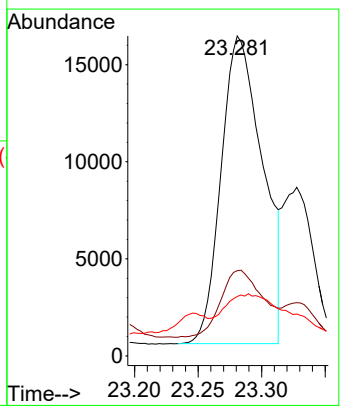


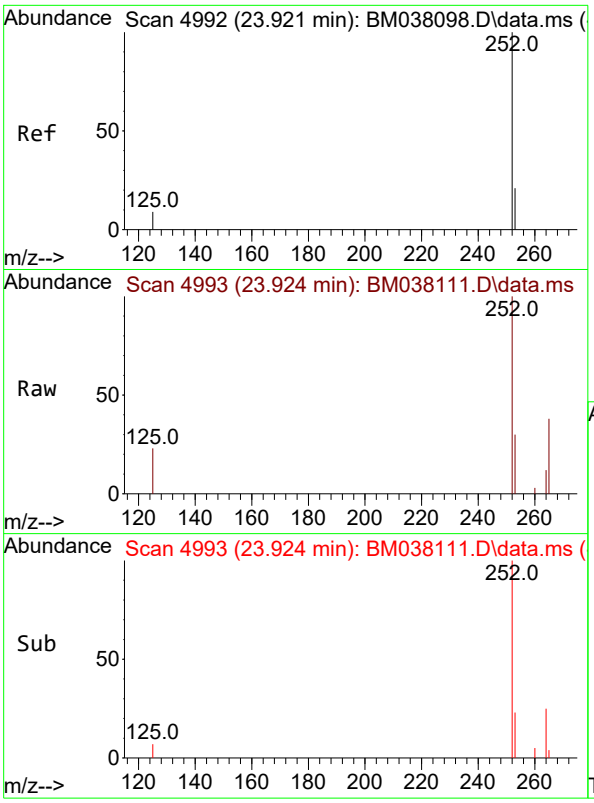


#24
Benzo(b)fluoranthene
Concen: 0.645 ng/ul
RT: 23.281 min Scan# 4773
Delta R.T. 0.000 min
Lab File: BM038111.D
Acq: 19 Dec 2022 20:23

Tgt Ion:252 Resp: 35967

Ion	Ratio	Lower	Upper
252	100		
253	26.6	0.0	51.8
125	18.6	0.0	42.2



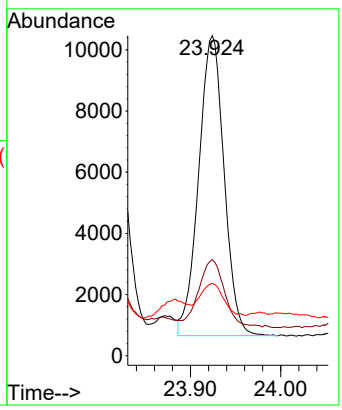


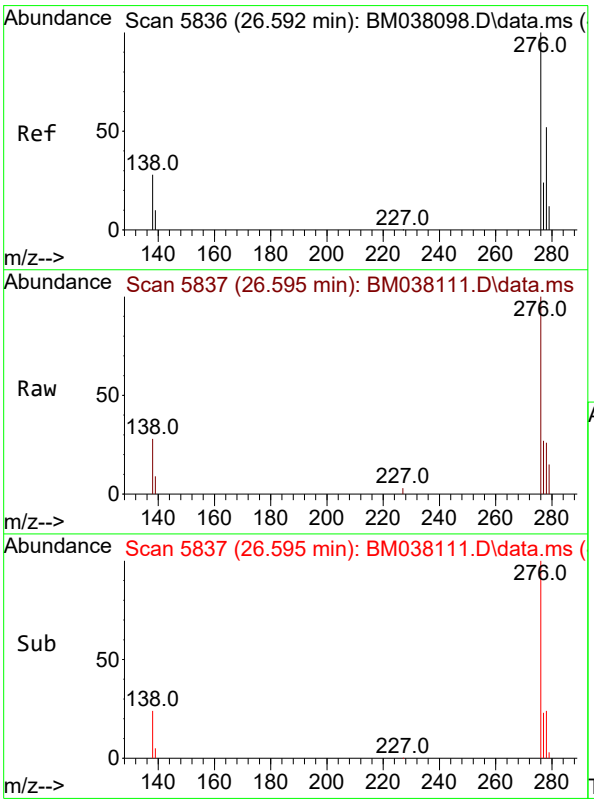
#26
Benzo(a)pyrene
Concen: 0.409 ng/ul
RT: 23.924 min Scan# 4
Delta R.T. 0.000 min
Lab File: BM038111.D
Acq: 19 Dec 2022 20:23

Instrument :
BNA_M
ClientSampleId :
DBXZ5DL

Tgt Ion:252 Resp: 19224

Ion	Ratio	Lower	Upper
252	100		
253	30.0	21.9	32.9
125	22.6	20.7	31.1

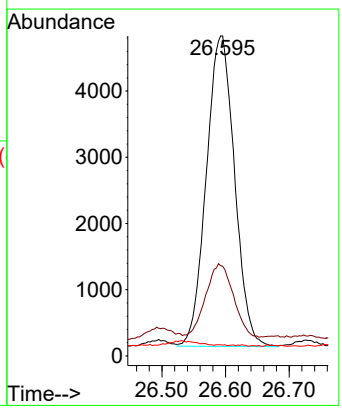


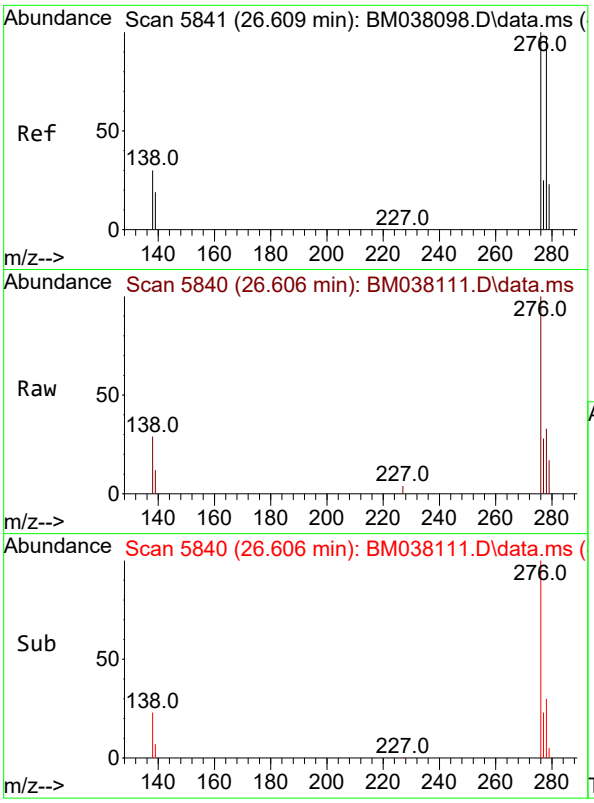


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.246 ng/ul
RT: 26.595 min Scan# 5837
Delta R.T. -0.003 min
Lab File: BM038111.D
Acq: 19 Dec 2022 20:23

Tgt Ion:276 Resp: 14500

Ion	Ratio	Lower	Upper
276	100		
138	24.9	26.6	40.0#
227	0.2	0.1	0.1#



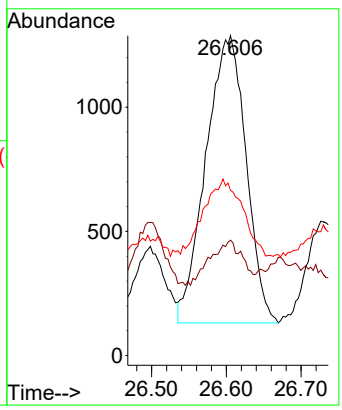


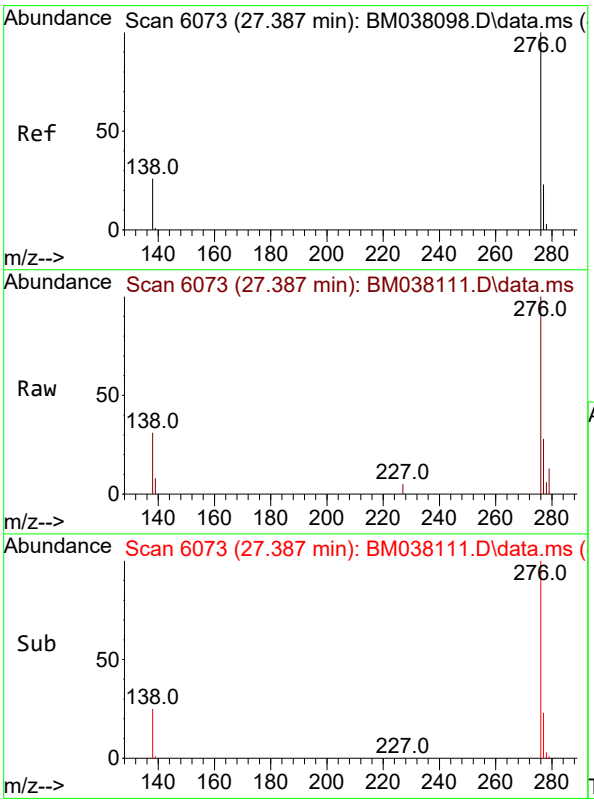
#28
Dibenzo(a,h)anthracene
Concen: 0.094 ng/ul
RT: 26.606 min Scan# 5
Delta R.T. -0.010 min
Lab File: BM038111.D
Acq: 19 Dec 2022 20:23

Instrument :
BNA_M
ClientSampleId :
DBXZ5DL

Tgt Ion:278 Resp: 4315

Ion	Ratio	Lower	Upper
278	100		
139	36.1	19.0	28.6#
279	51.6	22.4	33.6#





#29
Benzo(g,h,i)perylene
Concen: 0.200 ng/ul
RT: 27.387 min Scan# 6073
Delta R.T. -0.007 min
Lab File: BM038111.D
Acq: 19 Dec 2022 20:23

Tgt Ion:276 Resp: 10036

Ion	Ratio	Lower	Upper
276	100		
138	30.9	24.1	36.1
277	27.8	19.0	28.6