Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121522\
Data File : BM038092.D
Acq On : 17 Dec 2022 07:11
Operator : CG/JU
Sample : N5925-07DL 5X
Misc :
ALS Vial : 74 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DBXR1DL

Quant Time: Dec 19 03:17:02 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	4480	0.400	ng/ul	0.00
4) Naphthalene-d8	10.867	136	13479	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.680	164	7565	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.413	188	15803	0.400	ng/ul	0.00
17) Chrysene-d12	21.582	240	13285	0.400	ng/ul	0.00
23) Perylene-d12	24.035	264	14031	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.406	96	4779	0.780	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.445	152	1074	0.055	ng/ul	0.00
18) Fluoranthene-d10	19.431	212	2286	0.047	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.916	128	2466	0.060	ng/ul#	92
7) 2-Methylnaphthalene	12.517	142	976	0.039	ng/ul	99
8) 1-Methylnaphthalene	12.737	142	655	0.026	ng/ul	99
10) Acenaphthylene	14.402	152	6753	0.170	ng/ul	97
11) Acenaphthene	14.740	153	1351	0.045	ng/ul	98
12) Fluorene	15.721	166	1051	0.032	ng/ul#	93
14) Pentachlorophenol	17.067	266	239	0.037	ng/ul	87
15) Phenanthrene	17.455	178	26352	0.495	ng/ul	100
16) Anthracene	17.548	178	7227	0.147	ng/ul	97
19) Fluoranthene	19.464	202	90701	1.322	ng/ul	95
20) Pyrene	19.826	202	85658	1.223	ng/ul	95
21) Benzo(a)anthracene	21.565	228	59340	1.034	ng/ul	99
22) Chrysene	21.618	228	62979	1.088	ng/ul	98
24) Benzo(b)fluoranthene	23.284	252	105916	1.592	ng/ul	91
26) Benzo(a)pyrene	23.924	252	63148	1.127	ng/ul#	87
27) Indeno(1,2,3-cd)pyrene	26.599	276	46746	0.665	ng/ul#	87
28) Dibenzo(a,h)anthracene	26.602	278	12009	0.219	ng/ul#	90
29) Benzo(g,h,i)perylene	27.394	276	41994	0.703	ng/ul	97

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

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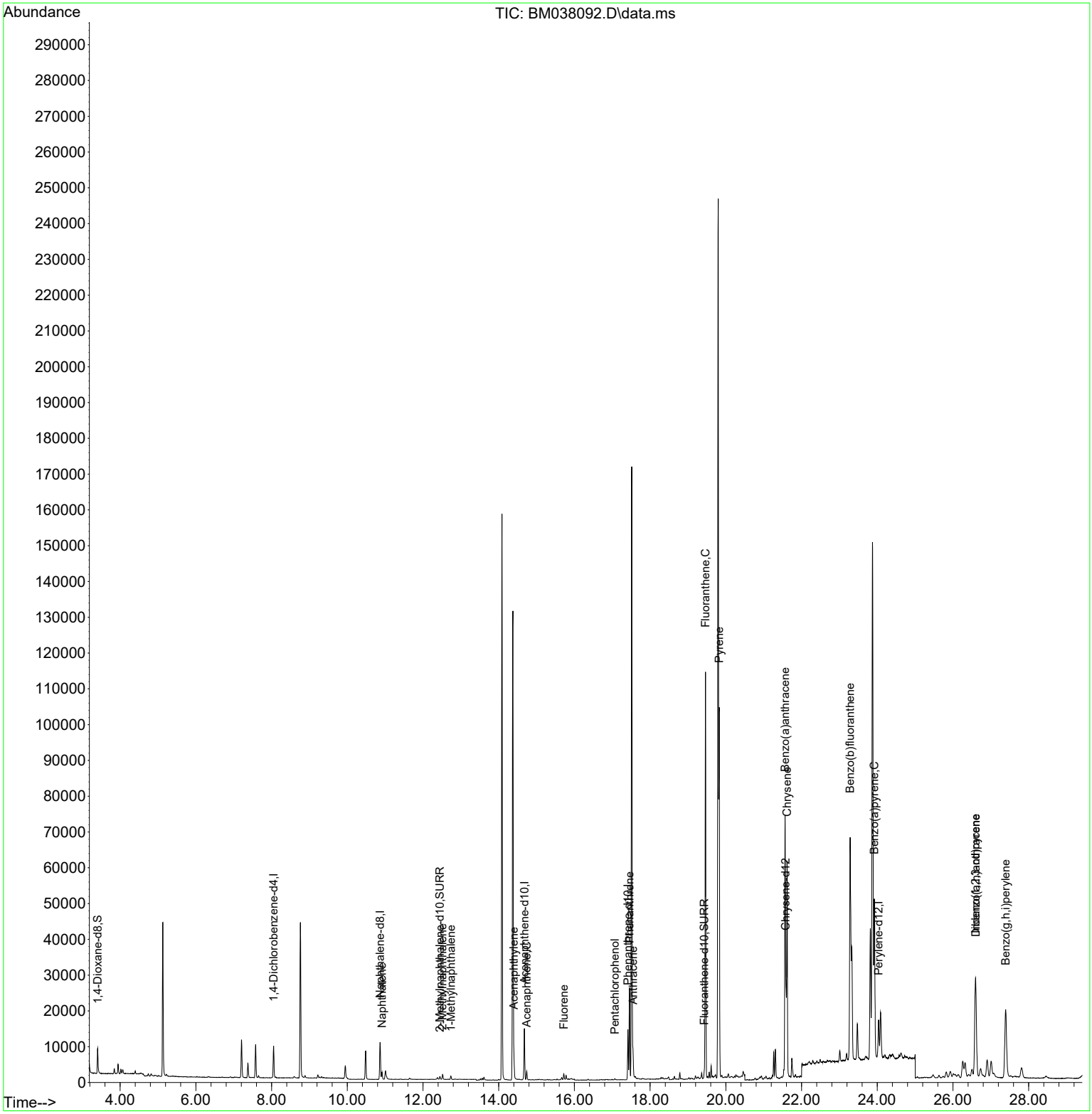
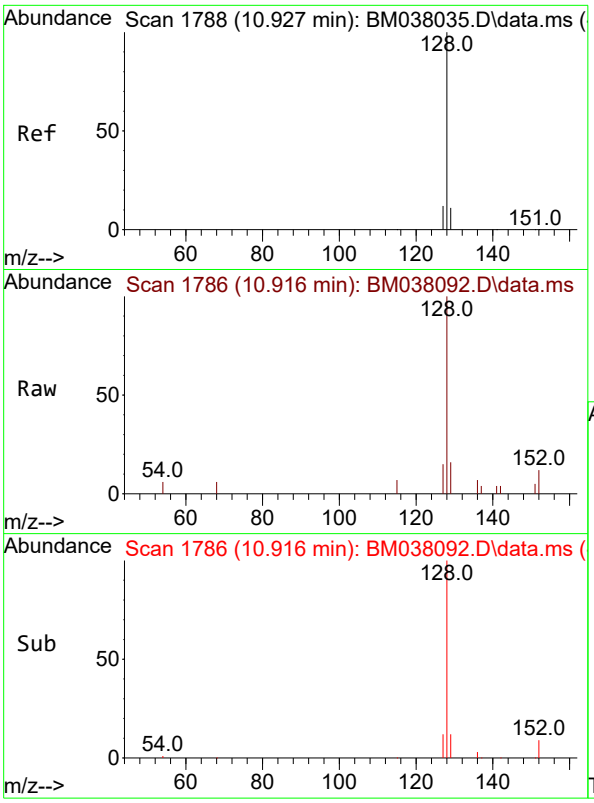


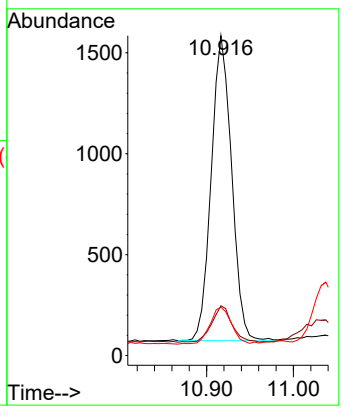


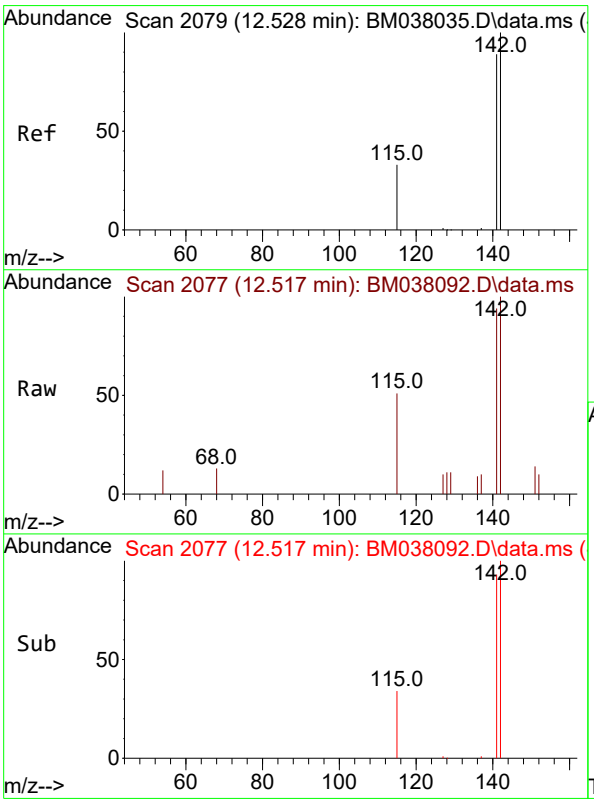
#5
Naphthalene
Concen: 0.060 ng/ul
RT: 10.916 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM038092.D
Acq: 17 Dec 2022 07:11

Instrument :
BNA_M
ClientSampleId :
DBXR1DL

Tgt Ion:128 Resp: 2466

Ion	Ratio	Lower	Upper
128	100		
129	15.6	9.1	13.7#
127	15.1	10.4	15.6

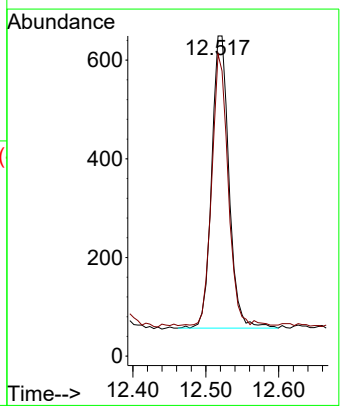


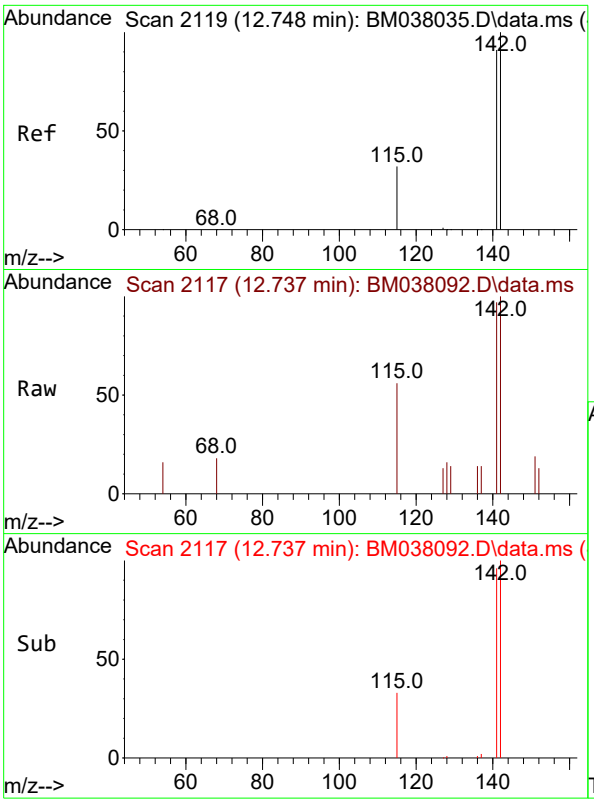


#7
2-Methylnaphthalene
Concen: 0.039 ng/ul
RT: 12.517 min Scan# 2077
Delta R.T. -0.006 min
Lab File: BM038092.D
Acq: 17 Dec 2022 07:11

Tgt Ion:142 Resp: 976

Ion	Ratio	Lower	Upper
142	100		
141	87.4	70.4	105.6



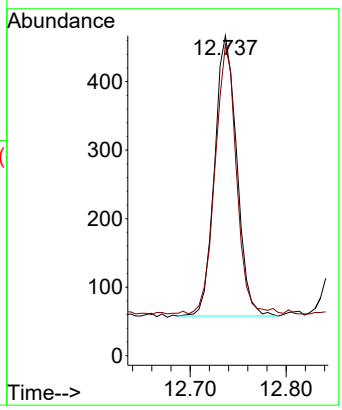


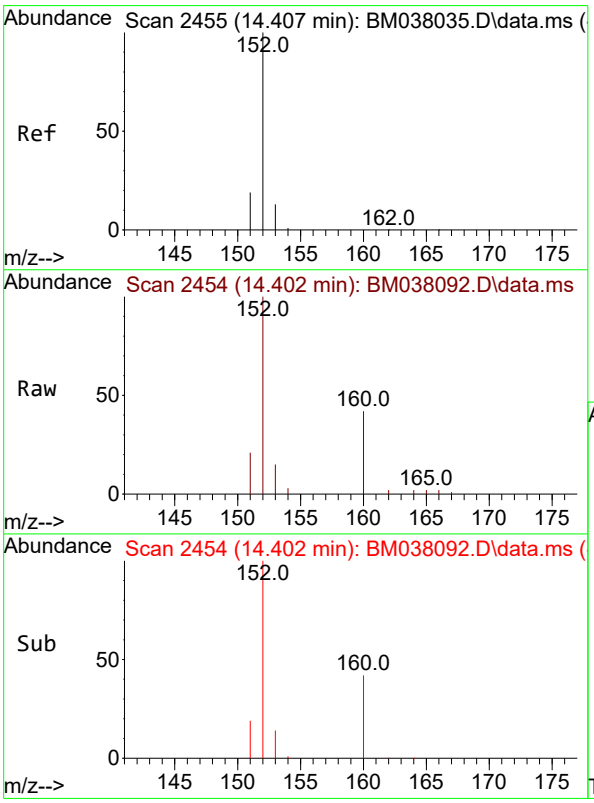
#8
1-Methylnaphthalene
Concen: 0.026 ng/ul
RT: 12.737 min Scan# 2
Delta R.T. -0.000 min
Lab File: BM038092.D
Acq: 17 Dec 2022 07:11

Instrument :
BNA_M
ClientSampleId :
DBXR1DL

Tgt Ion:142 Resp: 655

Ion	Ratio	Lower	Upper
142	100		
141	92.8	73.6	110.4

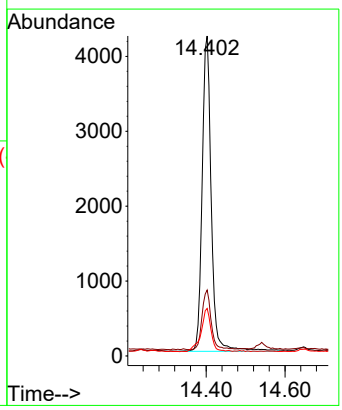


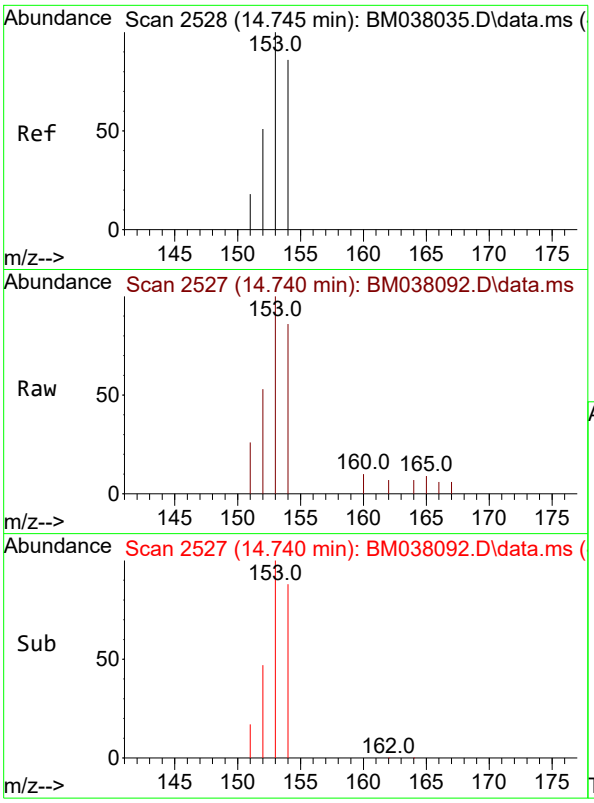


#10
Acenaphthylene
Concen: 0.170 ng/ul
RT: 14.402 min Scan# 2454
Delta R.T. -0.000 min
Lab File: BM038092.D
Acq: 17 Dec 2022 07:11

Tgt Ion:152 Resp: 6753

Ion	Ratio	Lower	Upper
152	100		
151	20.6	15.5	23.3
153	14.9	11.0	16.4



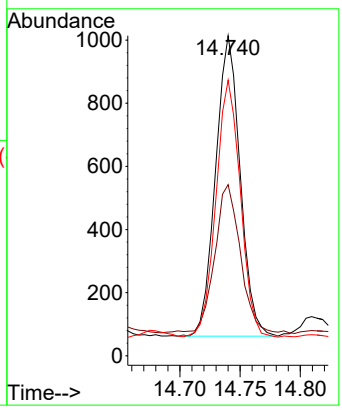


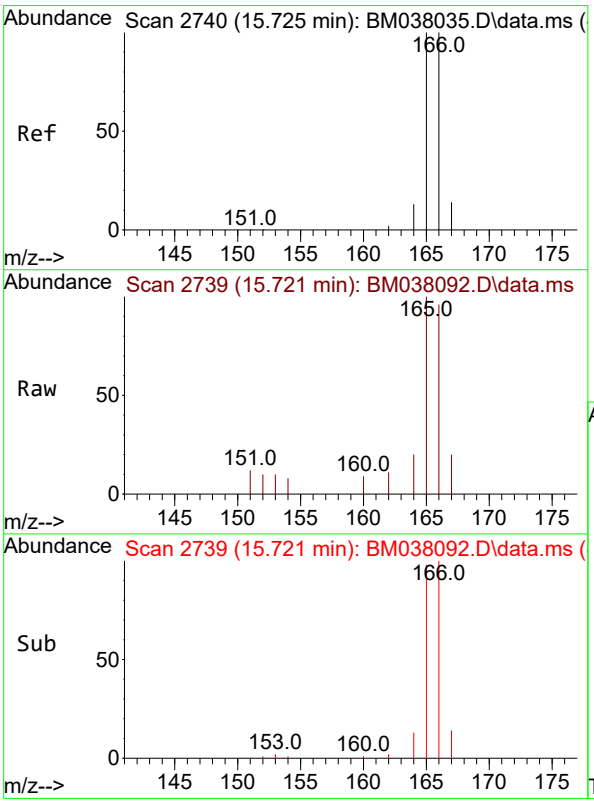
#11
Acenaphthene
Concen: 0.045 ng/ul
RT: 14.740 min Scan# 2
Delta R.T. -0.000 min
Lab File: BM038092.D
Acq: 17 Dec 2022 07:11

Instrument :
BNA_M
ClientSampleId :
DBXR1DL

Tgt Ion:153 Resp: 1351

Ion	Ratio	Lower	Upper
153	100		
152	53.5	39.5	59.3
154	86.1	69.2	103.8

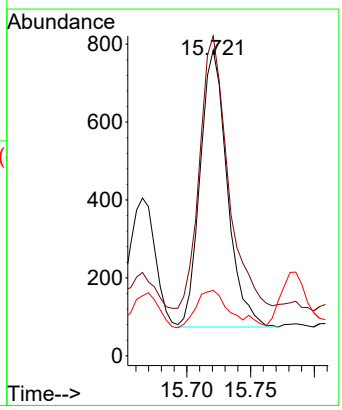


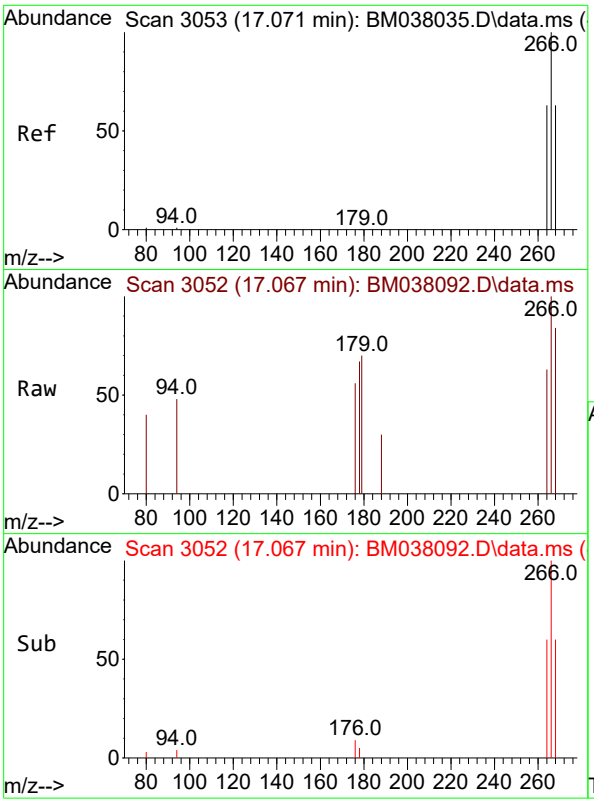


#12
Fluorene
Concen: 0.032 ng/ul
RT: 15.721 min Scan# 2739
Delta R.T. -0.000 min
Lab File: BM038092.D
Acq: 17 Dec 2022 07:11

Tgt Ion:166 Resp: 1051

Ion	Ratio	Lower	Upper
166	100		
165	104.6	79.0	118.4
167	21.4	11.1	16.7#



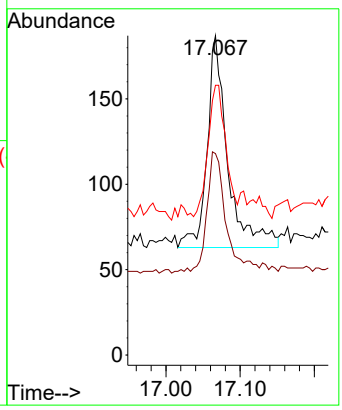


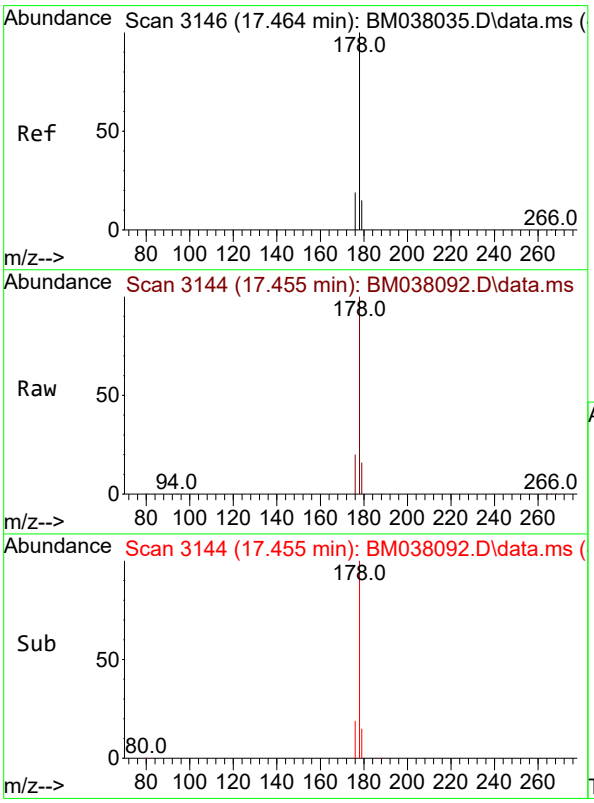
#14
Pentachlorophenol
Concen: 0.037 ng/ul
RT: 17.067 min Scan# 3
Delta R.T. -0.000 min
Lab File: BM038092.D
Acq: 17 Dec 2022 07:11

Instrument :
BNA_M
ClientSampleId :
DBXR1DL

Tgt Ion:266 Resp: 239

Ion	Ratio	Lower	Upper
266	100		
264	53.6	49.9	74.9
268	53.6	52.0	78.0

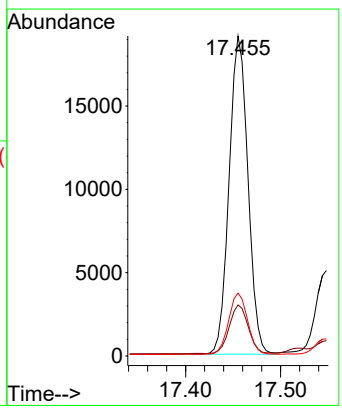


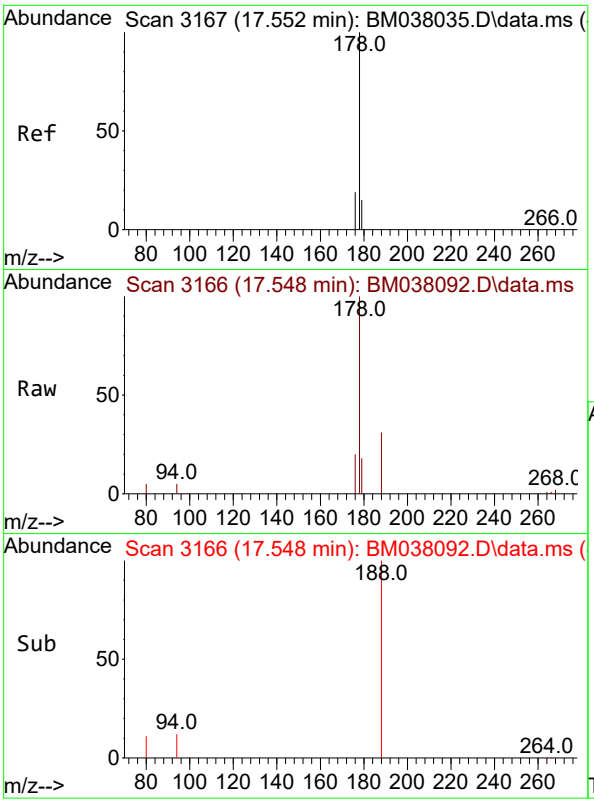


#15
Phenanthrene
Concen: 0.495 ng/ul
RT: 17.455 min Scan# 3144
Delta R.T. -0.004 min
Lab File: BM038092.D
Acq: 17 Dec 2022 07:11

Tgt Ion:178 Resp: 26352

Ion	Ratio	Lower	Upper
178	100		
179	16.0	12.6	19.0
176	19.6	15.8	23.6



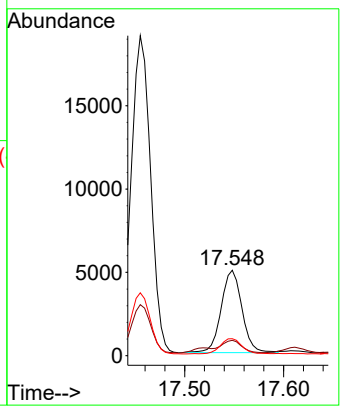


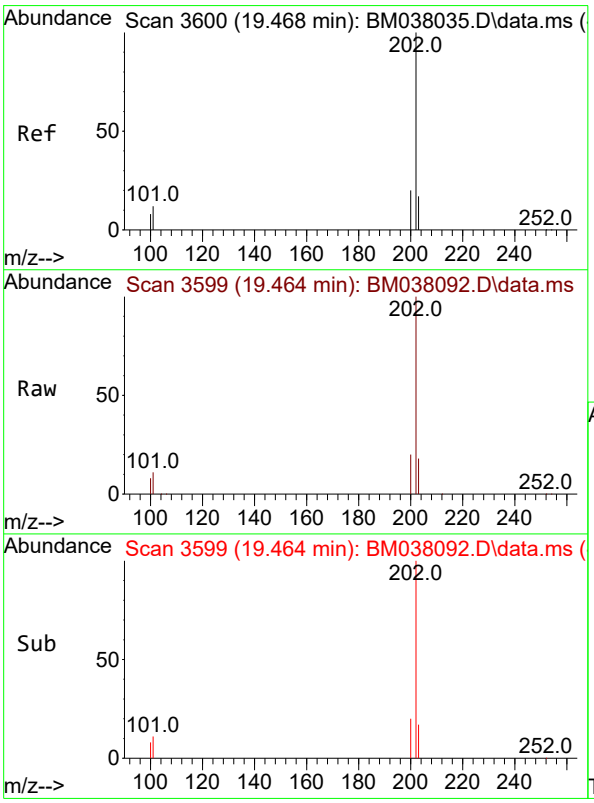
#16
Anthracene
Concen: 0.147 ng/ul
RT: 17.548 min Scan# 3
Delta R.T. -0.000 min
Lab File: BM038092.D
Acq: 17 Dec 2022 07:11

Instrument :
BNA_M
ClientSampleId :
DBXR1DL

Tgt Ion:178 Resp: 7227

Ion	Ratio	Lower	Upper
178	100		
179	18.0	13.0	19.4
176	19.9	15.0	22.4

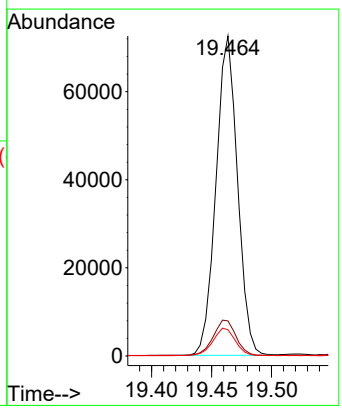


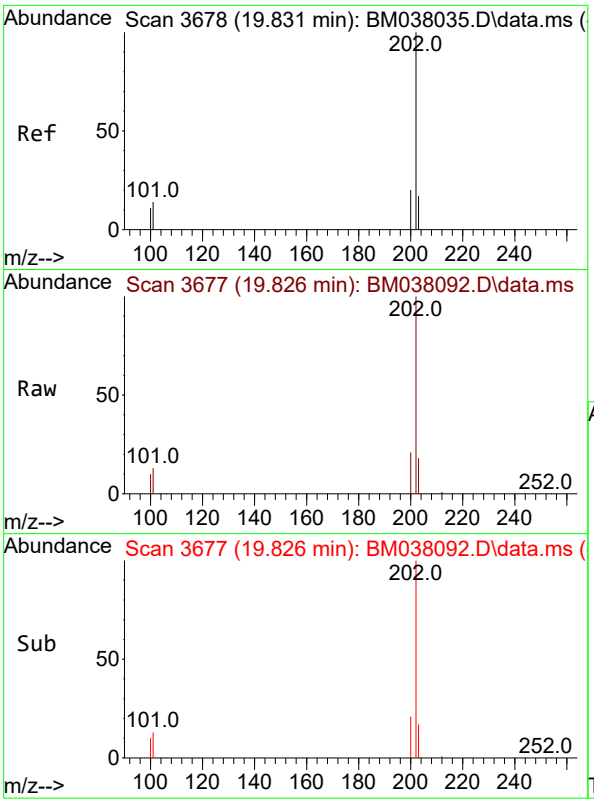


#19
Fluoranthene
Concen: 1.322 ng/ul
RT: 19.464 min Scan# 3599
Delta R.T. -0.000 min
Lab File: BM038092.D
Acq: 17 Dec 2022 07:11

Tgt Ion:202 Resp: 90701

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



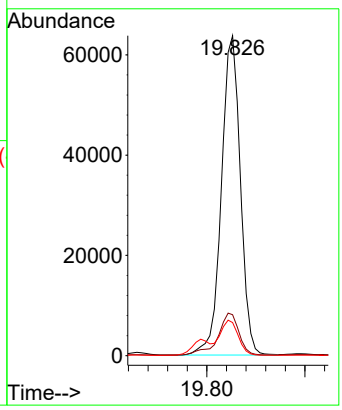


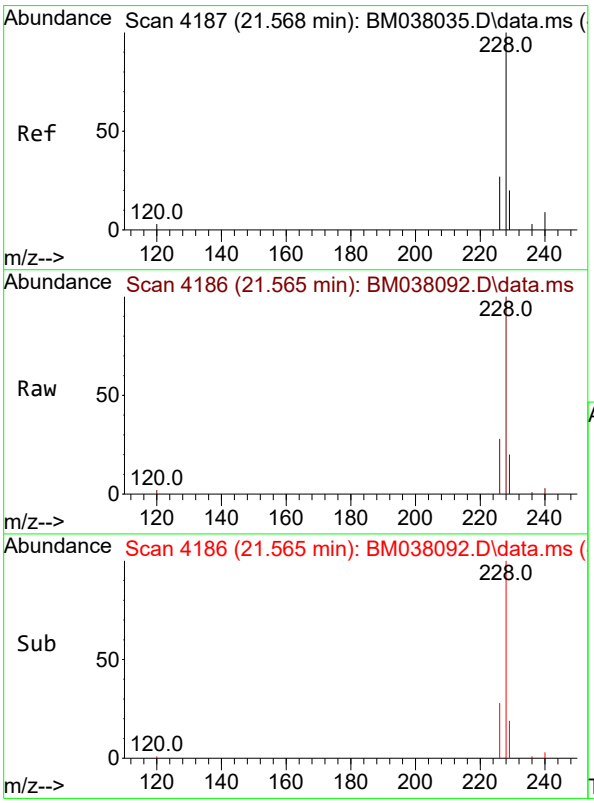
#20
Pyrene
Concen: 1.223 ng/ul
RT: 19.826 min Scan# 3
Delta R.T. -0.000 min
Lab File: BM038092.D
Acq: 17 Dec 2022 07:11

Instrument :
BNA_M
ClientSampleId :
DBXR1DL

Tgt Ion:202 Resp: 85658

Ion	Ratio	Lower	Upper
202	100		
101	12.8	12.1	18.1
100	10.3	9.8	14.6

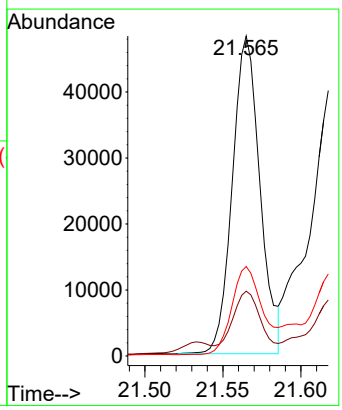


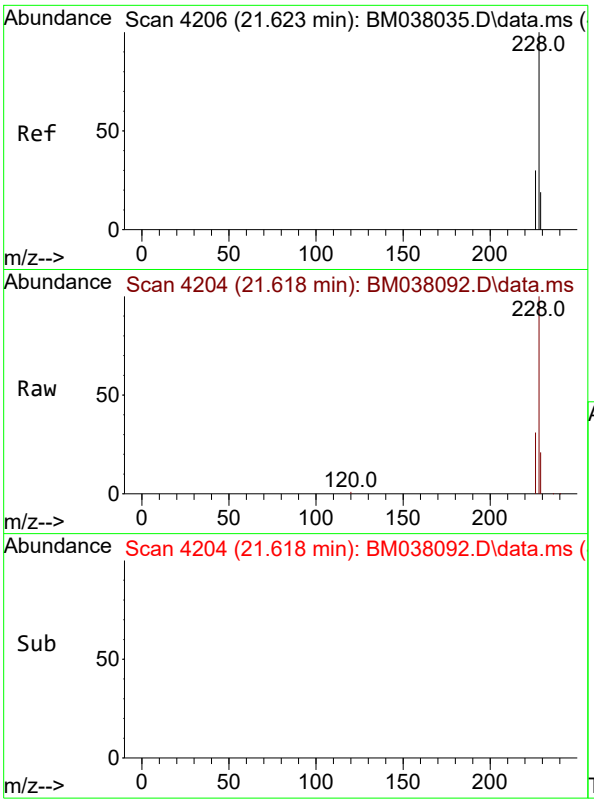


#21
Benzo(a)anthracene
Concen: 1.034 ng/ul
RT: 21.565 min Scan# 4186
Delta R.T. -0.000 min
Lab File: BM038092.D
Acq: 17 Dec 2022 07:11

Tgt Ion:228 Resp: 59340

Ion	Ratio	Lower	Upper
228	100		
229	20.3	15.9	23.9
226	27.9	22.1	33.1



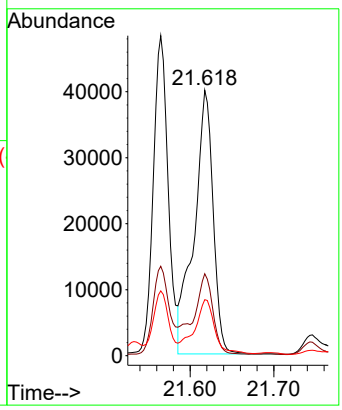


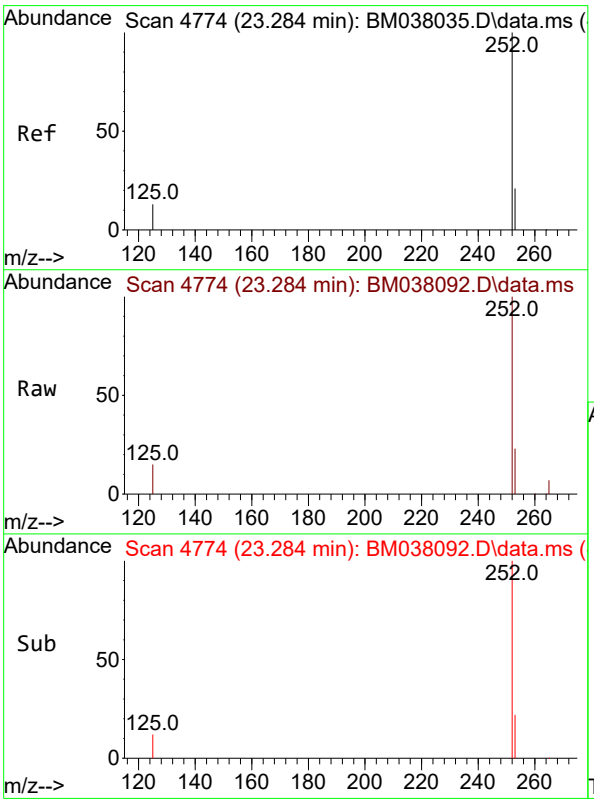
#22
Chrysene
Concen: 1.088 ng/ul
RT: 21.618 min Scan# 4
Delta R.T. -0.000 min
Lab File: BM038092.D
Acq: 17 Dec 2022 07:11

Instrument :
BNA_M
ClientSampleId :
DBXR1DL

Tgt Ion:228 Resp: 62979

Ion	Ratio	Lower	Upper
228	100		
226	30.8	24.1	36.1
229	21.1	15.7	23.5

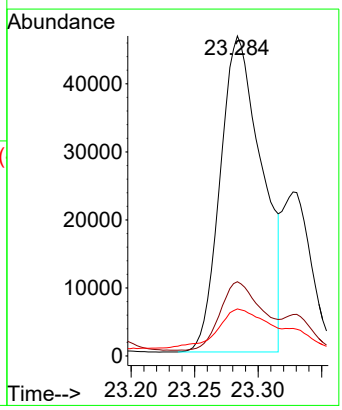


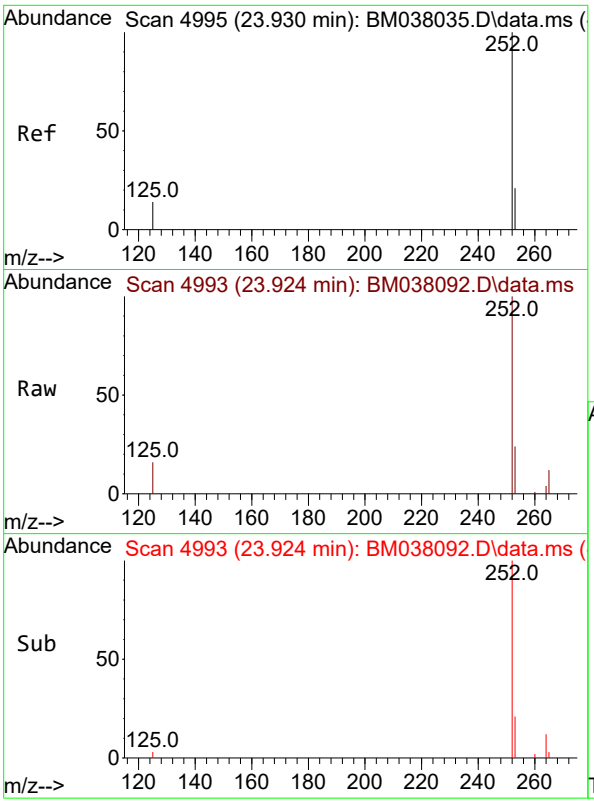


#24
Benzo(b)fluoranthene
Concen: 1.592 ng/ul
RT: 23.284 min Scan# 4774
Delta R.T. 0.003 min
Lab File: BM038092.D
Acq: 17 Dec 2022 07:11

Tgt Ion:252 Resp: 105916

Ion	Ratio	Lower	Upper
252	100		
253	23.2	0.0	51.8
125	14.7	0.0	42.2



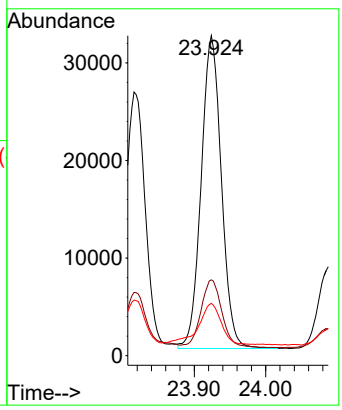


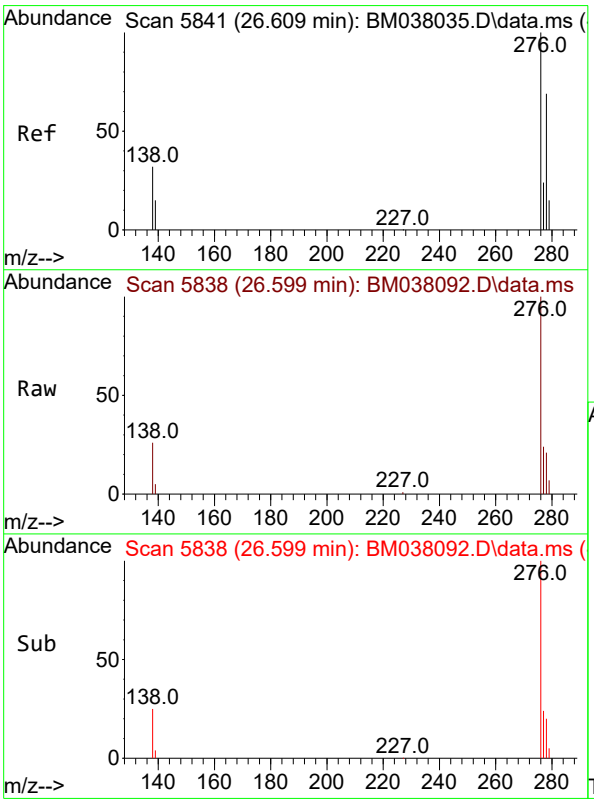
#26
Benzo(a)pyrene
Concen: 1.127 ng/ul
RT: 23.924 min Scan# 4
Delta R.T. -0.000 min
Lab File: BM038092.D
Acq: 17 Dec 2022 07:11

Instrument :
BNA_M
ClientSampleId :
DBXR1DL

Tgt Ion:252 Resp: 63148

Ion	Ratio	Lower	Upper
252	100		
253	23.7	21.9	32.9
125	16.3	20.7	31.1#

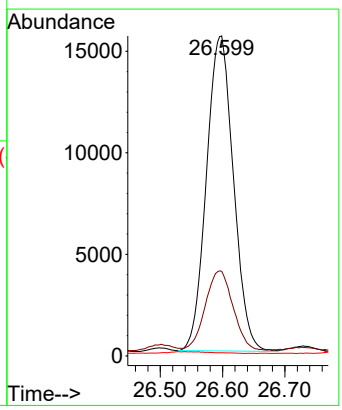


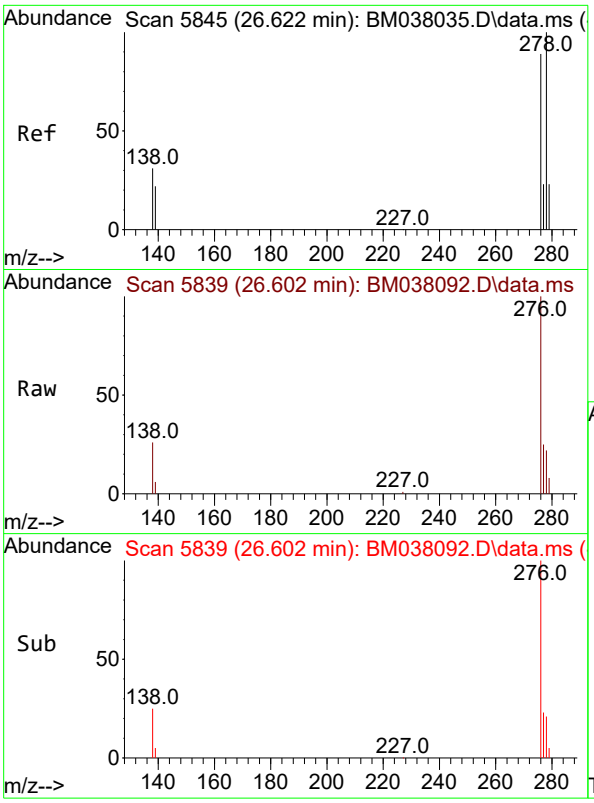


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.665 ng/ul
RT: 26.599 min Scan# 5838
Delta R.T. -0.000 min
Lab File: BM038092.D
Acq: 17 Dec 2022 07:11

Tgt Ion:276 Resp: 46746

Ion	Ratio	Lower	Upper
276	100		
138	25.8	26.6	40.0#
227	0.0	0.1	0.1#



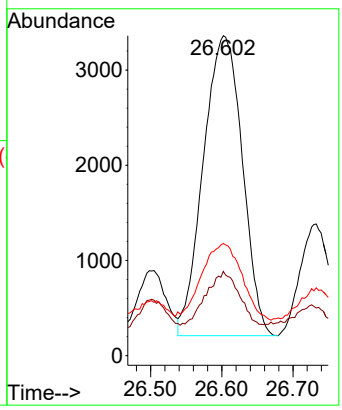


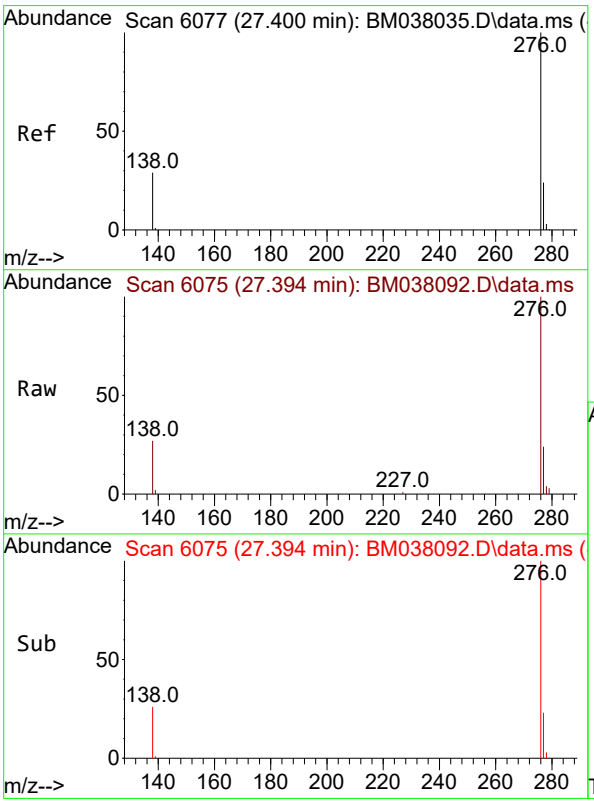
#28
Dibenzo(a,h)anthracene
Concen: 0.219 ng/ul
RT: 26.602 min Scan# 5
Delta R.T. -0.014 min
Lab File: BM038092.D
Acq: 17 Dec 2022 07:11

Instrument :
BNA_M
ClientSampleId :
DBXR1DL

Tgt Ion:278 Resp: 12009

Ion	Ratio	Lower	Upper
278	100		
139	26.4	19.0	28.6
279	35.1	22.4	33.6#





#29
Benzo(g,h,i)perylene
Concen: 0.703 ng/ul
RT: 27.394 min Scan# 6075
Delta R.T. -0.000 min
Lab File: BM038092.D
Acq: 17 Dec 2022 07:11

Tgt Ion:276 Resp: 41994

Ion	Ratio	Lower	Upper
276	100		
138	27.1	24.1	36.1
277	23.8	19.0	28.6