Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042723\
Data File : BM039715.D
Acq On : 27 Apr 2023 20:47
Operator : CG/JU
Sample : 02418-24DL 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
EW8Z8DL

Quant Time: Apr 28 02:34:57 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM042723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 28 02:30:02 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.804	152	3064	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.606	136	11312	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.451	164	6711	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.204	188	14643	0.400	ng/ul	-0.01
17) Chrysene-d12	21.398	240	11545	0.400	ng/ul	-0.01
23) Perylene-d12	23.745	264	9289	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.193	96	3102	0.687	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.217	152	826	0.057	ng/ul	0.00
18) Fluoranthene-d10	19.234	212	1929	0.062	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.655	128	8096	0.285	ng/ul	98
7) 2-Methylnaphthalene	12.289	142	3202	0.195	ng/ul	96
8) 1-Methylnaphthalene	12.498	142	3217	0.183	ng/ul	100
10) Acenaphthylene	14.173	152	6967	0.268	ng/ul	95
11) Acenaphthene	14.511	153	15626	0.766	ng/ul	97
12) Fluorene	15.505	166	15168	0.670	ng/ul	99
15) Phenanthrene	17.242	178	334206	8.663	ng/ul	98
16) Anthracene	17.335	178	58646	1.770	ng/ul	98
19) Fluoranthene	19.266	202	587206	14.257	ng/ul	97
20) Pyrene	19.629	202	516782	11.619	ng/ul	99
21) Benzo(a)anthracene	21.381	228	237448	7.153	ng/ul	100
22) Chrysene	21.433	228	223822	5.958	ng/ul	99
24) Benzo(b)fluoranthene	23.029	252	268834	8.241	ng/ul	92
26) Benzo(a)pyrene	23.637	252	170158	5.810	ng/ul#	85
27) Indeno(1,2,3-cd)pyrene	26.166	276	107881	2.913	ng/ul#	91
28) Dibenzo(a,h)anthracene	26.172	278	24312	0.846	ng/ul	99
29) Benzo(g,h,i)perylene	26.910	276	91663	2.840	ng/ul	98

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

Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042723\
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Acq On : 27 Apr 2023 20:47
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Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
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Quant Time: Apr 28 02:34:57 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM042723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 28 02:30:02 2023
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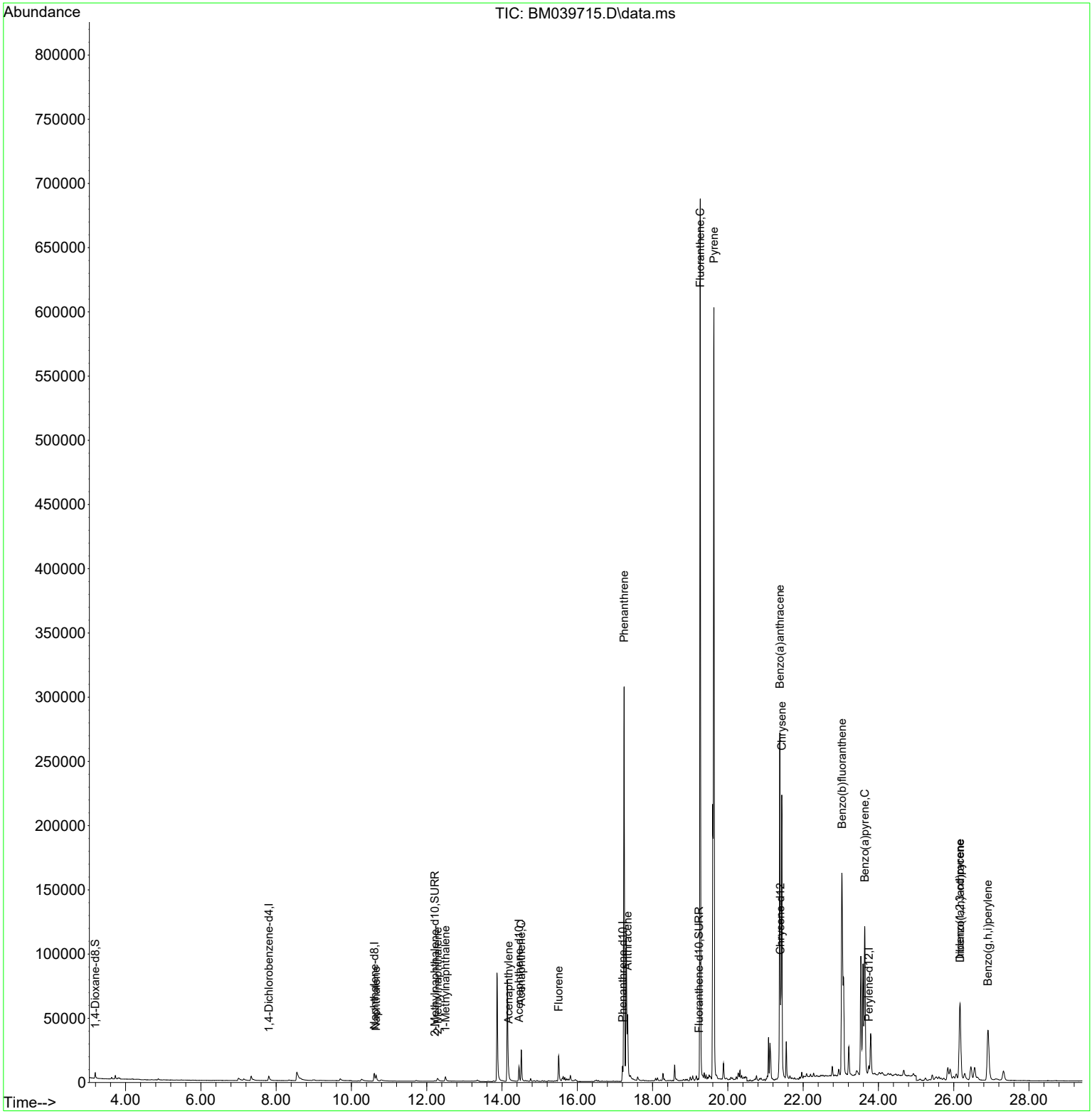
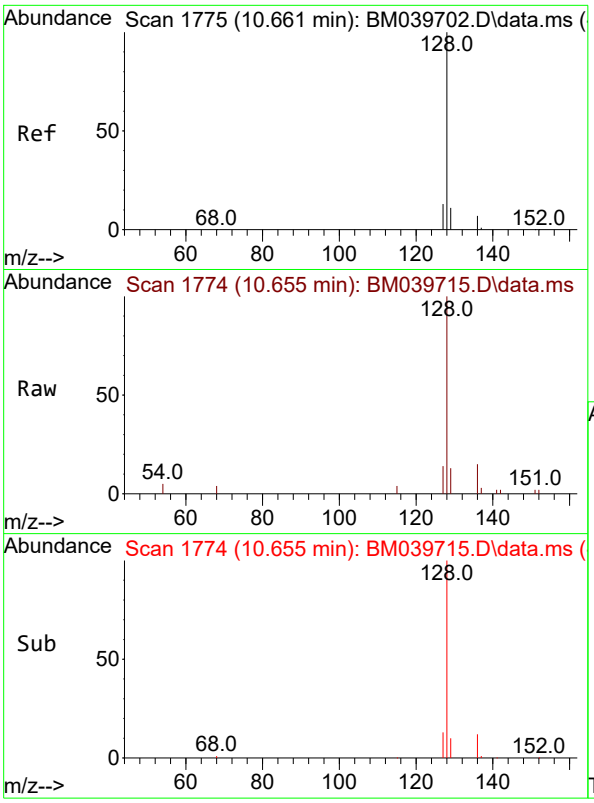


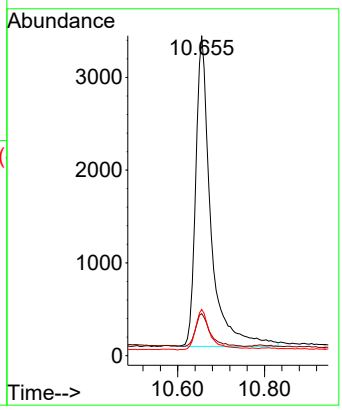


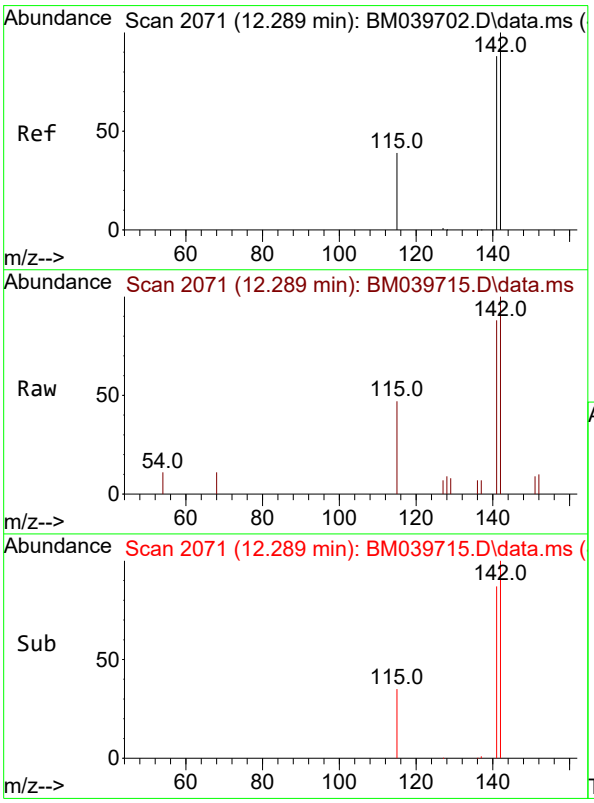
#5
Naphthalene
Concen: 0.285 ng/ul
RT: 10.655 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM039715.D
Acq: 27 Apr 2023 20:47

Instrument :
BNA_M
ClientSampleId :
EW8Z8DL

Tgt Ion:128 Resp: 8096

Ion	Ratio	Lower	Upper
128	100		
129	13.2	9.8	14.6
127	14.4	11.1	16.7

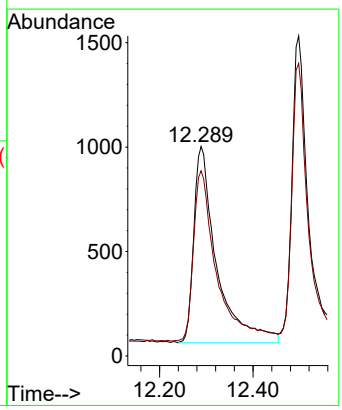


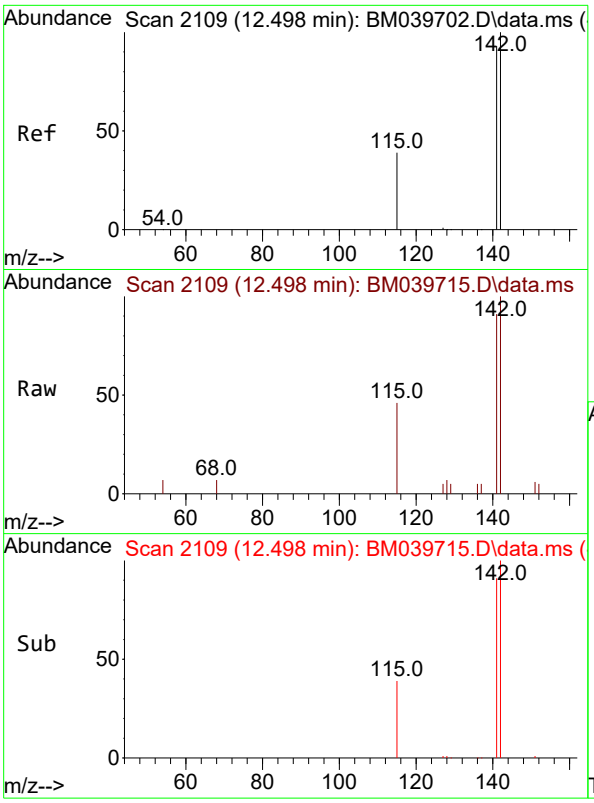


#7
2-Methylnaphthalene
Concen: 0.195 ng/ul
RT: 12.289 min Scan# 2071
Delta R.T. -0.000 min
Lab File: BM039715.D
Acq: 27 Apr 2023 20:47

Tgt Ion:142 Resp: 3202

Ion	Ratio	Lower	Upper
142	100		
141	87.5	73.2	109.8



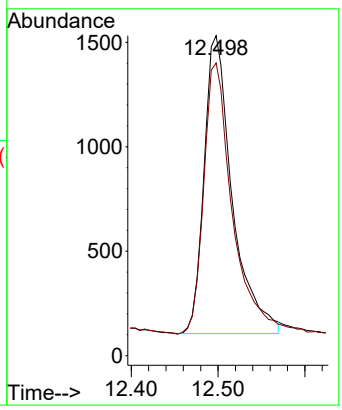


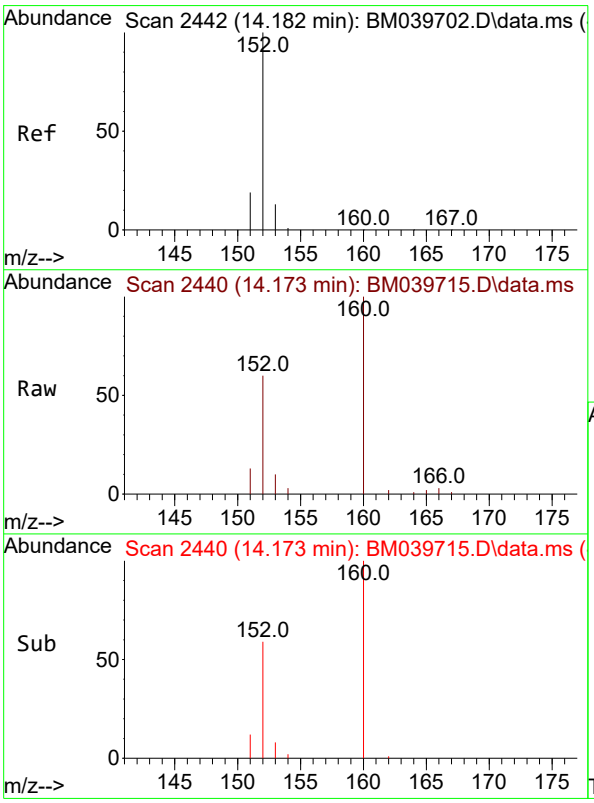
#8
1-Methylnaphthalene
Concen: 0.183 ng/ul
RT: 12.498 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM039715.D
Acq: 27 Apr 2023 20:47

Instrument :
BNA_M
ClientSampleId :
EW8Z8DL

Tgt Ion:142 Resp: 3217

Ion	Ratio	Lower	Upper
142	100		
141	91.8	73.4	110.2

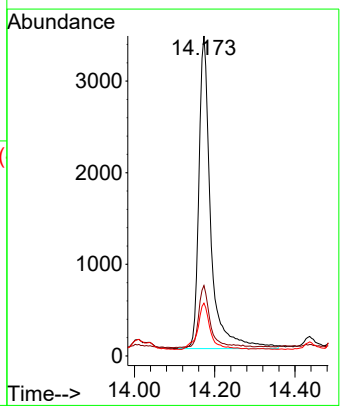


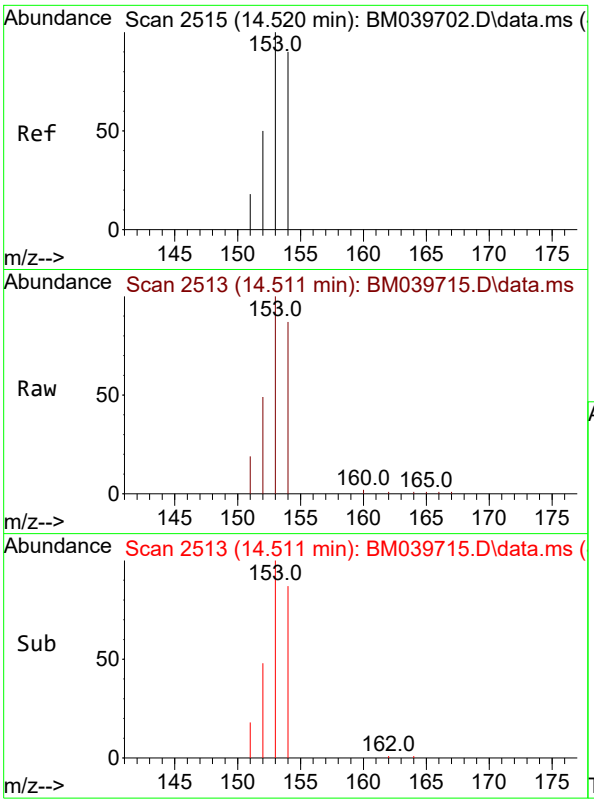


#10
Acenaphthylene
Concen: 0.268 ng/ul
RT: 14.173 min Scan# 2440
Delta R.T. -0.009 min
Lab File: BM039715.D
Acq: 27 Apr 2023 20:47

Tgt Ion:152 Resp: 6967

Ion	Ratio	Lower	Upper
152	100		
151	22.0	16.0	24.0
153	16.5	11.2	16.8



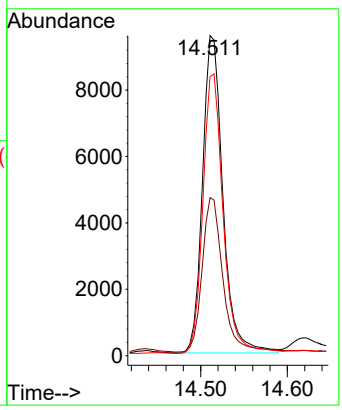


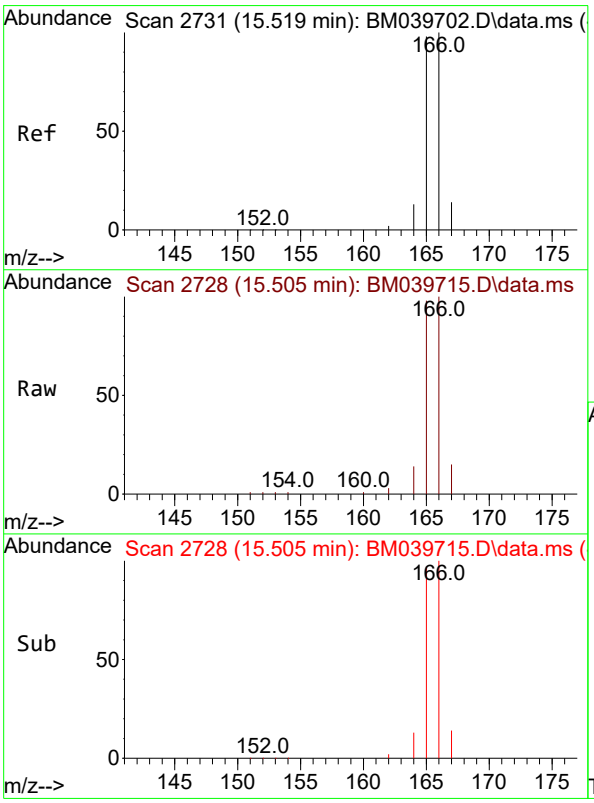
#11
Acenaphthene
Concen: 0.766 ng/ul
RT: 14.511 min Scan# 2
Delta R.T. -0.009 min
Lab File: BM039715.D
Acq: 27 Apr 2023 20:47

Instrument :
BNA_M
ClientSampleId :
EW8Z8DL

Tgt Ion:153 Resp: 15626

Ion	Ratio	Lower	Upper
153	100		
152	49.4	40.6	61.0
154	87.2	71.9	107.9

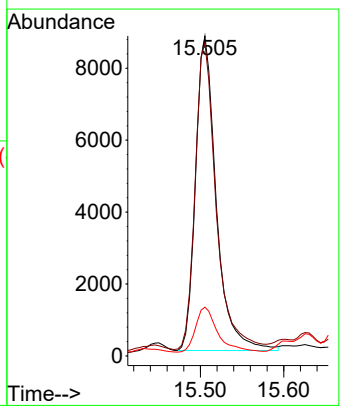


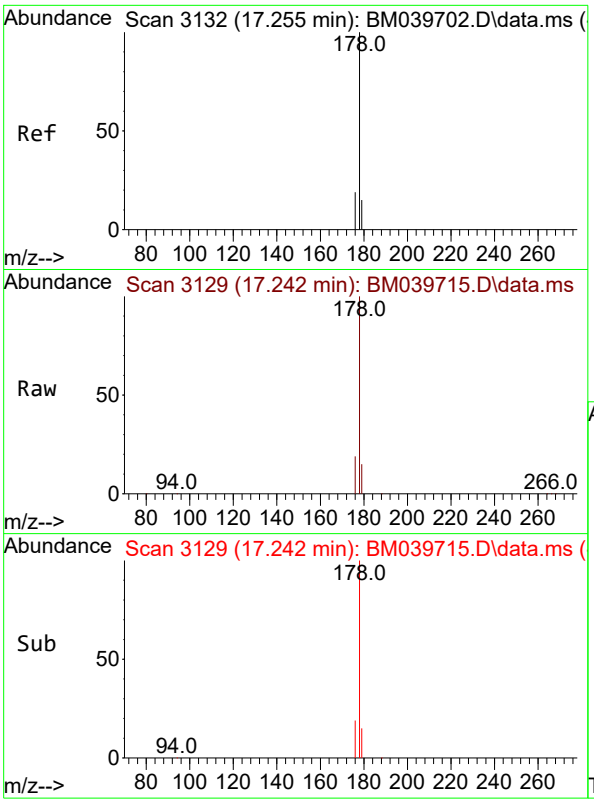


#12
Fluorene
Concen: 0.670 ng/ul
RT: 15.505 min Scan# 2728
Delta R.T. -0.014 min
Lab File: BM039715.D
Acq: 27 Apr 2023 20:47

Tgt Ion:166 Resp: 15168

Ion	Ratio	Lower	Upper
166	100		
165	97.7	79.0	118.6
167	15.2	11.8	17.6



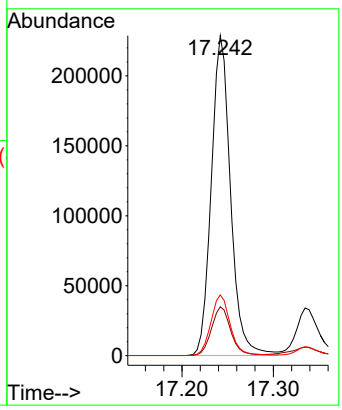


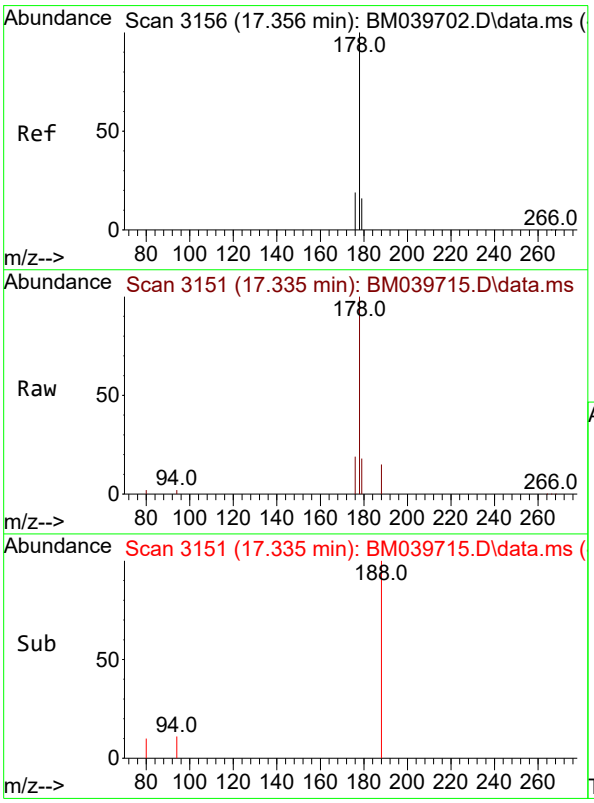
#15
Phenanthrene
Concen: 8.663 ng/ul
RT: 17.242 min Scan# 3
Delta R.T. -0.013 min
Lab File: BM039715.D
Acq: 27 Apr 2023 20:47

Instrument :
BNA_M
ClientSampleId :
EW8Z8DL

Tgt Ion:178 Resp: 334206

Ion	Ratio	Lower	Upper
178	100		
179	15.3	13.0	19.6
176	19.0	15.8	23.8

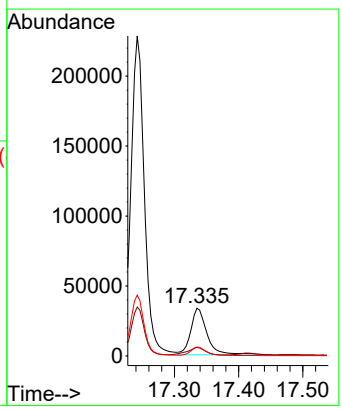


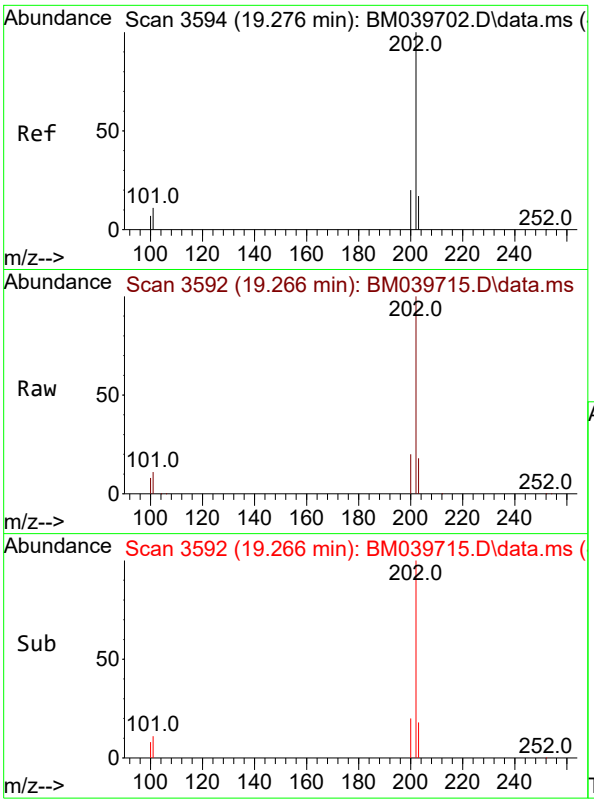


#16
Anthracene
Concen: 1.770 ng/ul
RT: 17.335 min Scan# 3151
Delta R.T. -0.021 min
Lab File: BM039715.D
Acq: 27 Apr 2023 20:47

Tgt Ion:178 Resp: 58646

Ion	Ratio	Lower	Upper
178	100		
179	17.7	13.8	20.6
176	18.7	15.8	23.8



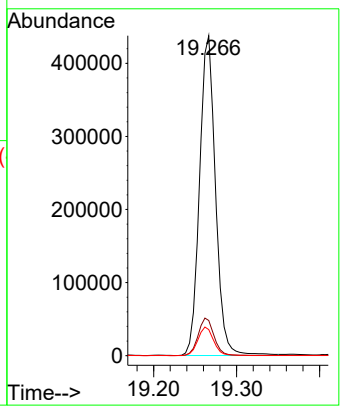


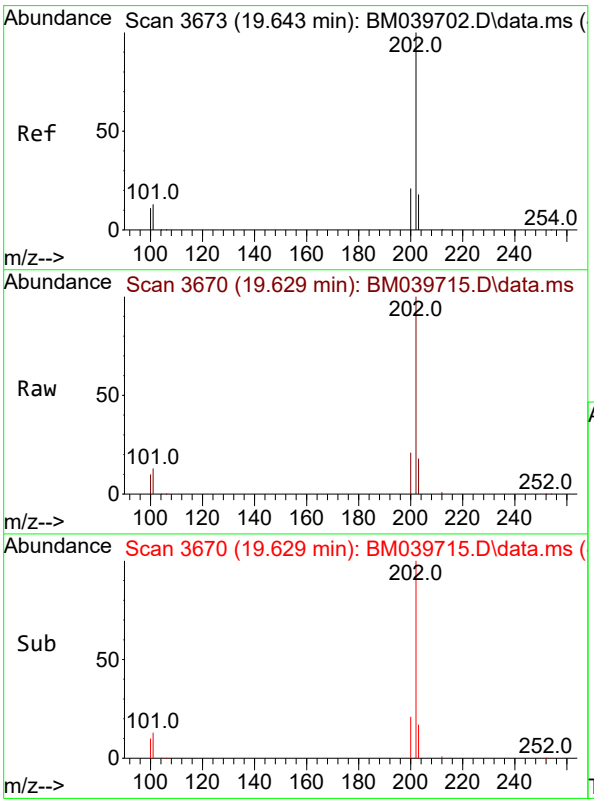
#19
Fluoranthene
Concen: 14.257 ng/ul
RT: 19.266 min Scan# 3
Delta R.T. -0.009 min
Lab File: BM039715.D
Acq: 27 Apr 2023 20:47

Instrument :
BNA_M
ClientSampleId :
EW8Z8DL

Tgt Ion:202 Resp: 587206

Ion	Ratio	Lower	Upper
202	100		
101	11.0	9.8	14.8
100	8.1	7.3	10.9

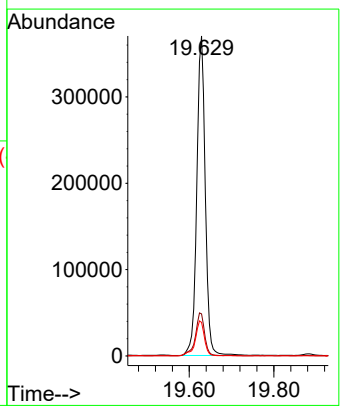


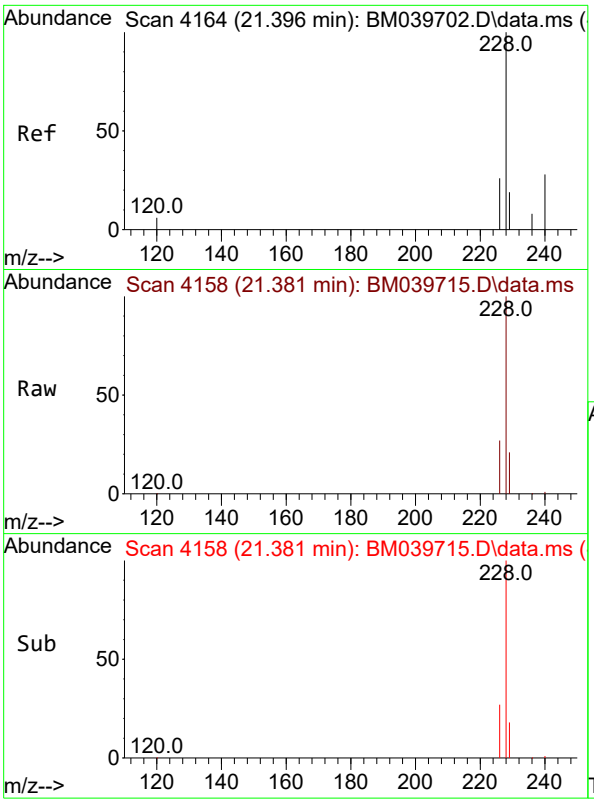


#20
Pyrene
Concen: 11.619 ng/ul
RT: 19.629 min Scan# 3670
Delta R.T. -0.014 min
Lab File: BM039715.D
Acq: 27 Apr 2023 20:47

Tgt Ion:202 Resp: 516782

Ion	Ratio	Lower	Upper
202	100		
101	13.1	10.9	16.3
100	10.5	8.9	13.3



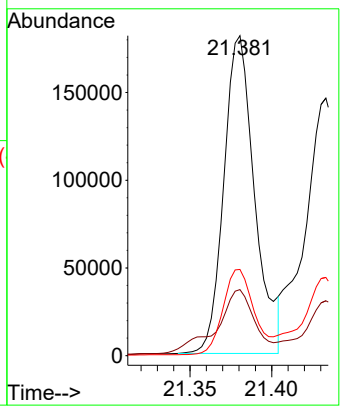


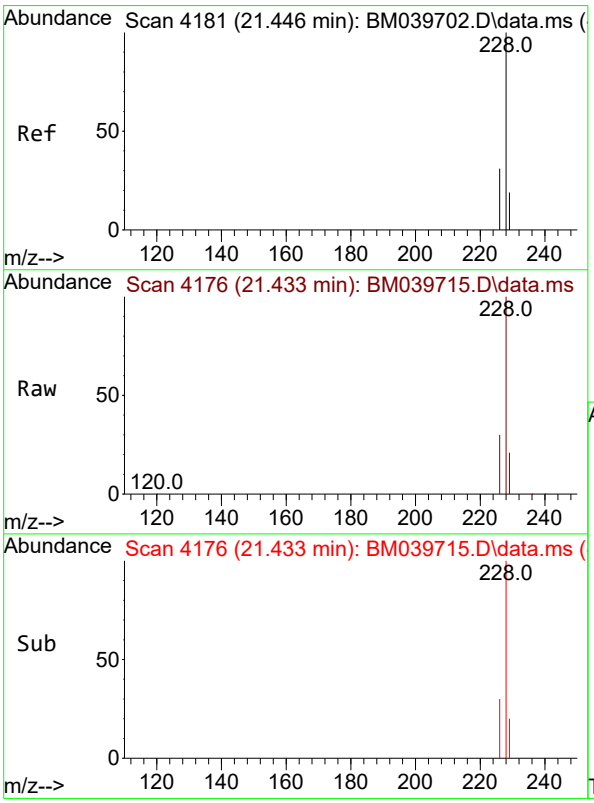
#21
Benzo(a)anthracene
Concen: 7.153 ng/ul
RT: 21.381 min Scan# 4
Delta R.T. -0.016 min
Lab File: BM039715.D
Acq: 27 Apr 2023 20:47

Instrument :
BNA_M
ClientSampleId :
EW8Z8DL

Tgt Ion:228 Resp: 237448

Ion	Ratio	Lower	Upper
228	100		
229	20.7	16.2	24.2
226	27.0	21.6	32.4

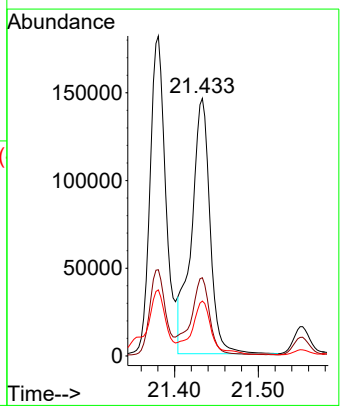


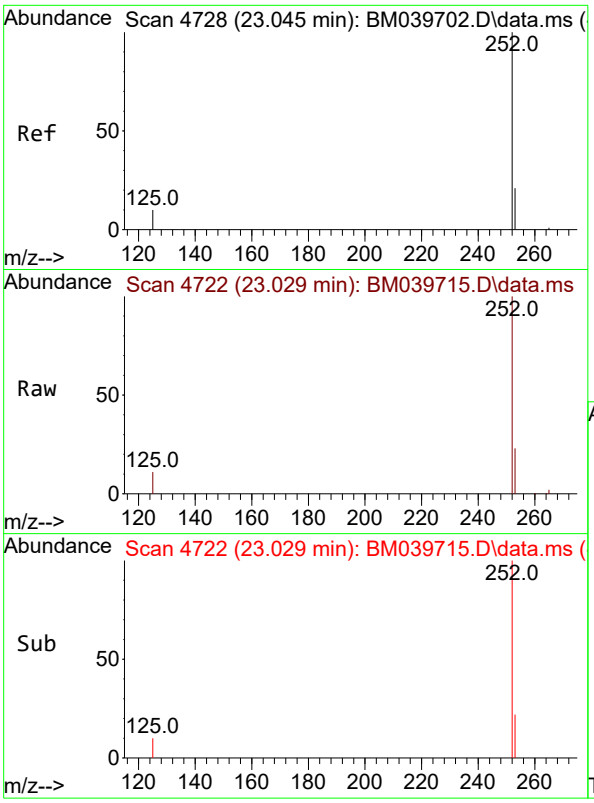


#22
Chrysene
Concen: 5.958 ng/ul
RT: 21.433 min Scan# 4176
Delta R.T. -0.013 min
Lab File: BM039715.D
Acq: 27 Apr 2023 20:47

Tgt Ion:228 Resp: 223822

Ion	Ratio	Lower	Upper
228	100		
226	30.3	24.3	36.5
229	21.3	15.9	23.9



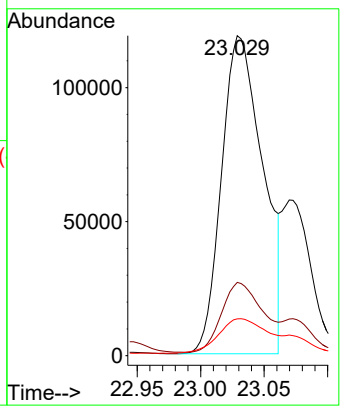


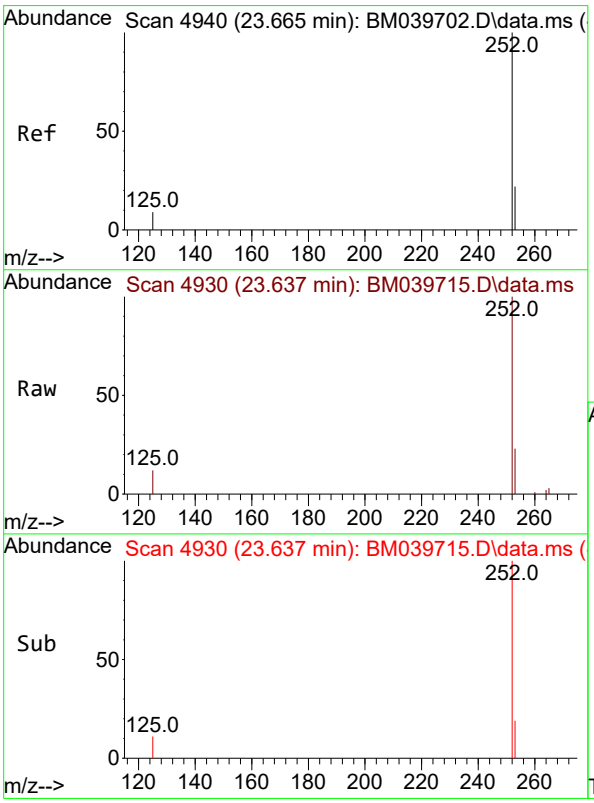
#24
Benzo(b)fluoranthene
Concen: 8.241 ng/ul
RT: 23.029 min Scan# 4
Delta R.T. -0.016 min
Lab File: BM039715.D
Acq: 27 Apr 2023 20:47

Instrument :
BNA_M
ClientSampleId :
EW8Z8DL

Tgt Ion:252 Resp: 268834

Ion	Ratio	Lower	Upper
252	100		
253	22.9	0.0	52.8
125	11.5	0.0	31.6

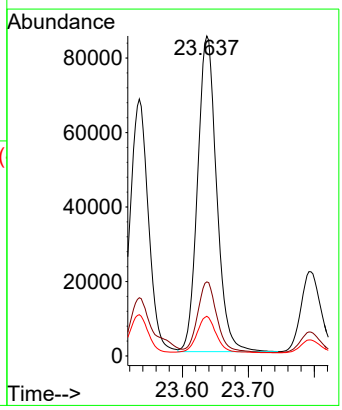


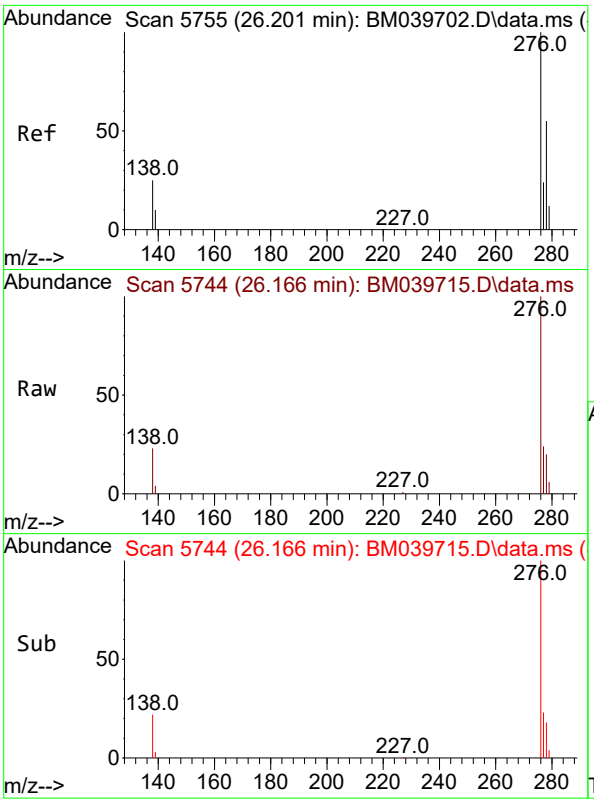


#26
Benzo(a)pyrene
Concen: 5.810 ng/ul
RT: 23.637 min Scan# 4930
Delta R.T. -0.028 min
Lab File: BM039715.D
Acq: 27 Apr 2023 20:47

Tgt Ion:252 Resp: 170158

Ion	Ratio	Lower	Upper
252	100		
253	23.2	24.7	37.1#
125	12.4	16.5	24.7#



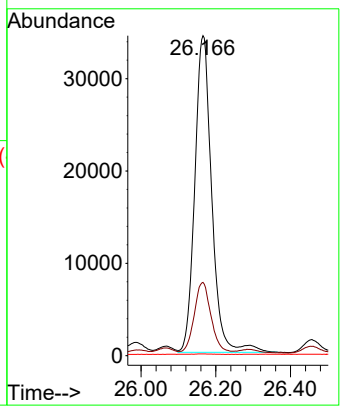


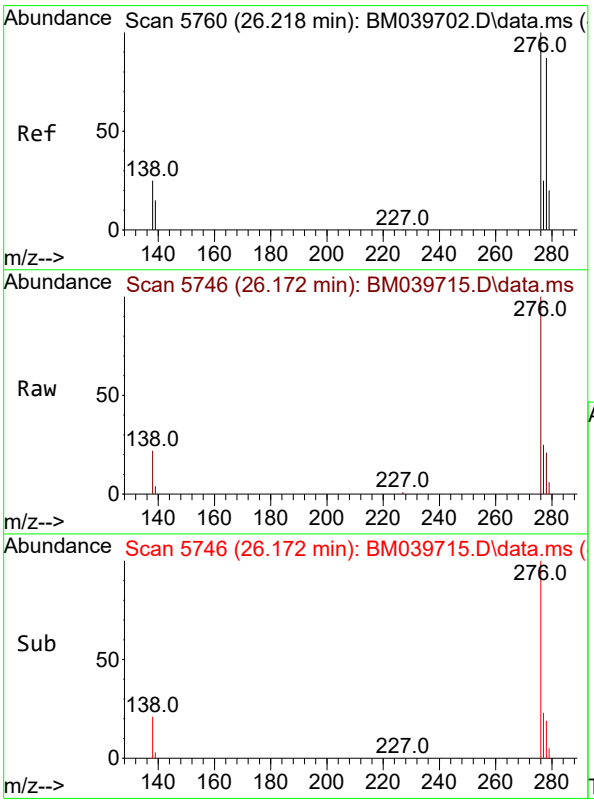
#27
Indeno(1,2,3-cd)pyrene
Concen: 2.913 ng/ul
RT: 26.166 min Scan# 5
Delta R.T. -0.035 min
Lab File: BM039715.D
Acq: 27 Apr 2023 20:47

Instrument :
BNA_M
ClientSampleId :
EW8Z8DL

Tgt Ion:276 Resp: 107881

Ion	Ratio	Lower	Upper
276	100		
138	21.6	21.1	31.7
227	0.1	0.1	0.1#

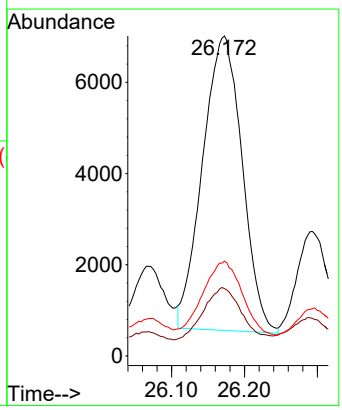


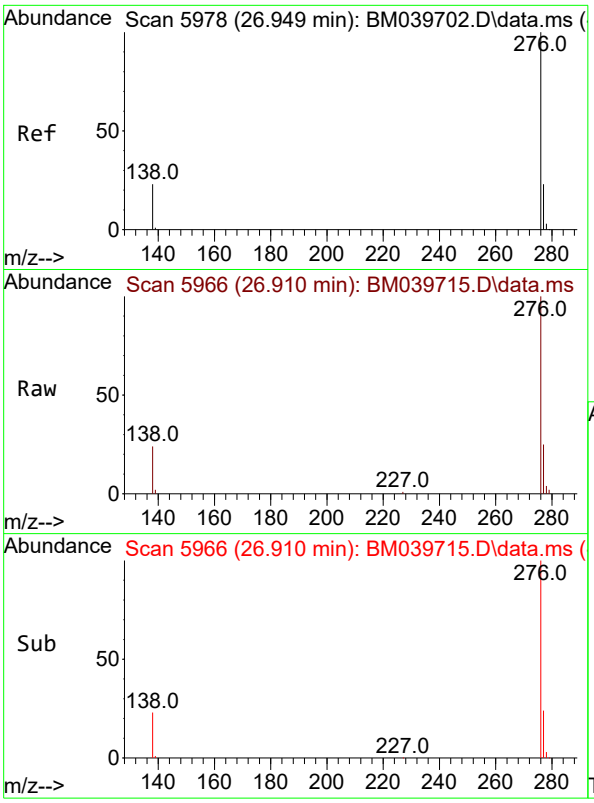


#28
Dibenzo(a,h)anthracene
Concen: 0.846 ng/ul
RT: 26.172 min Scan# 5746
Delta R.T. -0.045 min
Lab File: BM039715.D
Acq: 27 Apr 2023 20:47

Tgt Ion:278 Resp: 24312

Ion	Ratio	Lower	Upper
278	100		
139	21.1	17.0	25.6
279	29.6	23.4	35.2





#29
Benzo(g,h,i)perylene
Concen: 2.840 ng/ul
RT: 26.910 min Scan# 5
Delta R.T. -0.039 min
Lab File: BM039715.D
Acq: 27 Apr 2023 20:47

Instrument :
BNA_M
ClientSampleId :
EW8Z8DL

Tgt Ion:276 Resp: 91663

Ion	Ratio	Lower	Upper
276	100		
138	24.0	20.1	30.1
277	24.5	20.1	30.1