Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042723\
Data File : BM039734.D
Acq On : 28 Apr 2023 13:50
Operator : CG/JU
Sample : 02418-25DL 5X
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
EW8Z9DL

Quant Time: Apr 29 02:04:02 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	7.800	152	4334	0.400	ng/ul	-0.03
4) Naphthalene-d8	10.600	136	16467	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.451	164	9872	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.200	188	22310	0.400	ng/ul	-0.02
17) Chrysene-d12	21.395	240	16355	0.400	ng/ul	-0.01
23) Perylene-d12	23.739	264	12823	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.193	96	3668	0.574	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.212	152	1080	0.051	ng/ul	0.00
18) Fluoranthene-d10	19.234	212	3029	0.069	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.650	128	11265	0.272	ng/ul	99
7) 2-Methylnaphthalene	12.283	142	4161	0.174	ng/ul	97
8) 1-Methylnaphthalene	12.492	142	3795	0.148	ng/ul	100
10) Acenaphthylene	14.168	152	10280	0.269	ng/ul	97
11) Acenaphthene	14.511	153	21598	0.720	ng/ul	99
12) Fluorene	15.501	166	24790	0.744	ng/ul	99
15) Phenanthrene	17.238	178	456378	7.765	ng/ul	99
16) Anthracene	17.335	178	89417	1.772	ng/ul	98
19) Fluoranthene	19.262	202	805673	13.808	ng/ul	99
20) Pyrene	19.629	202	676303	10.733	ng/ul	97
21) Benzo(a)anthracene	21.378	228	315194	6.703	ng/ul	99
22) Chrysene	21.430	228	295042	5.544	ng/ul	99
24) Benzo(b)fluoranthene	23.026	252	328178	7.287	ng/ul	92
26) Benzo(a)pyrene	23.637	252	212863	5.265	ng/ul#	84
27) Indeno(1,2,3-cd)pyrene	26.162	276	144251	2.822	ng/ul#	90
28) Dibenzo(a,h)anthracene	26.169	278	32259	0.813	ng/ul	98
29) Benzo(g,h,i)perylene	26.910	276	128722	2.889	ng/ul	97

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

Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042723\
Data File : BM039734.D
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Misc :
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Instrument :
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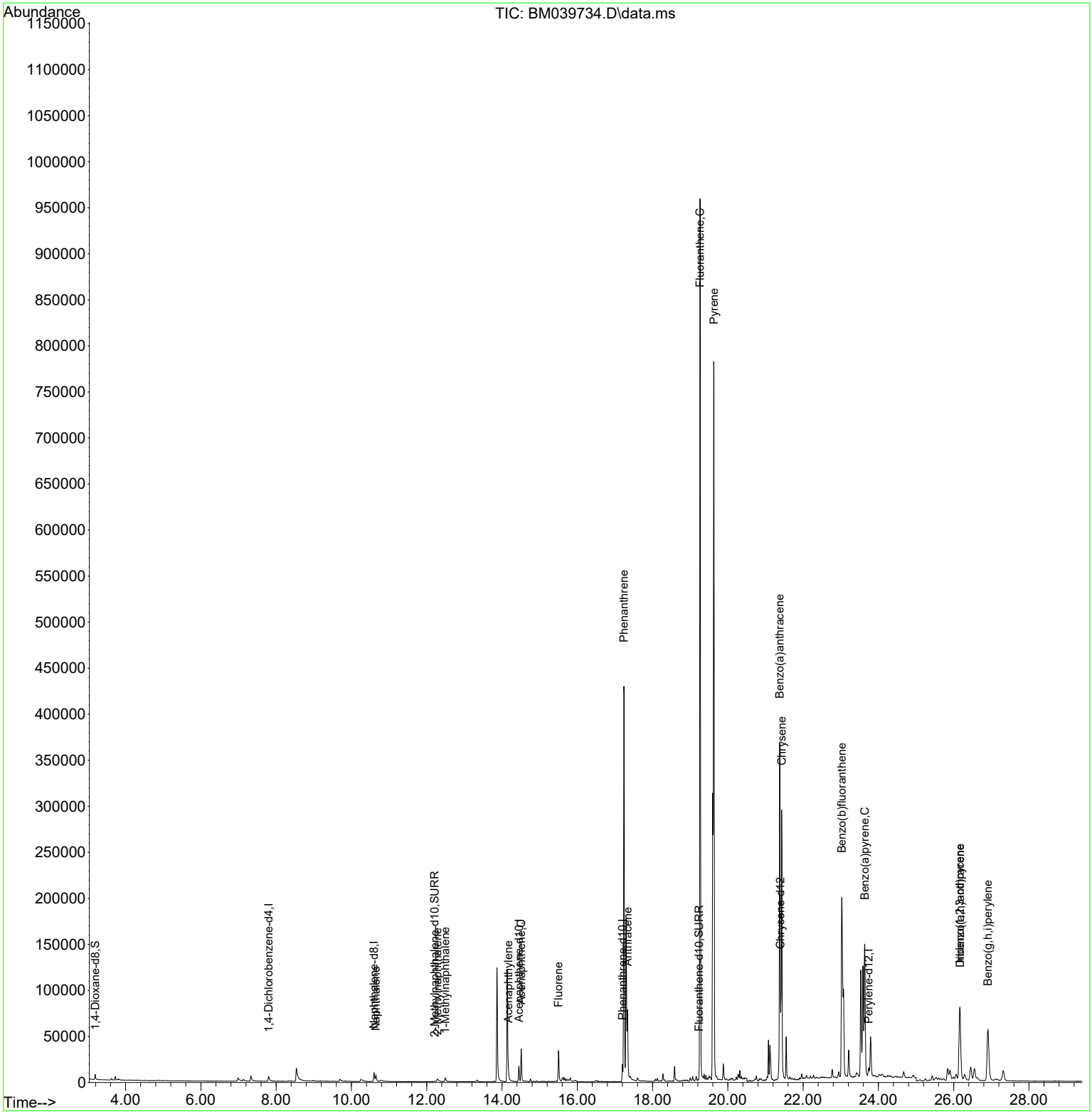
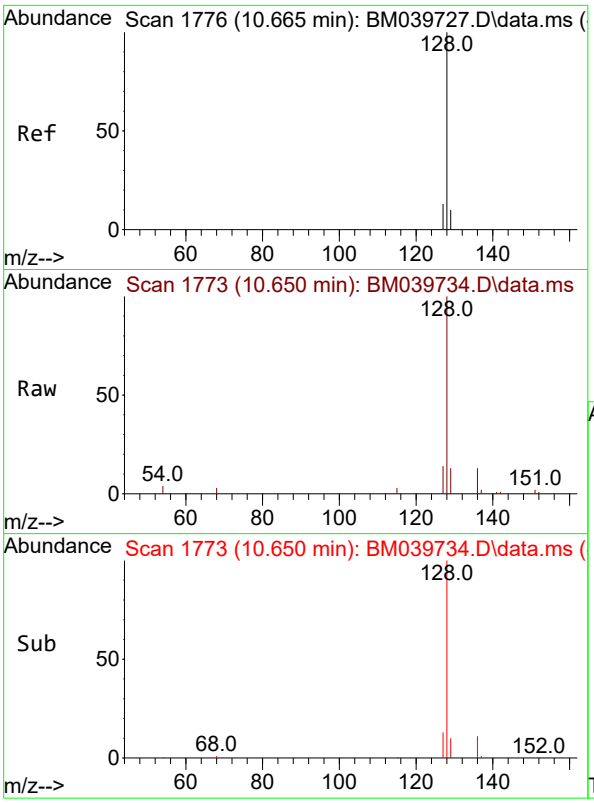
EW8Z9DL

Quant Time: Apr 29 02:04:02 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



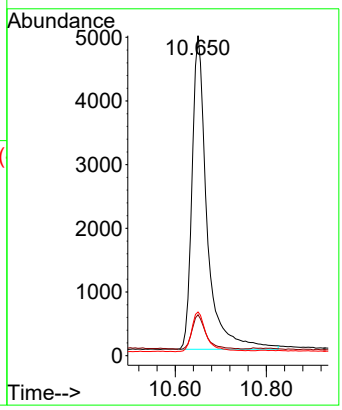


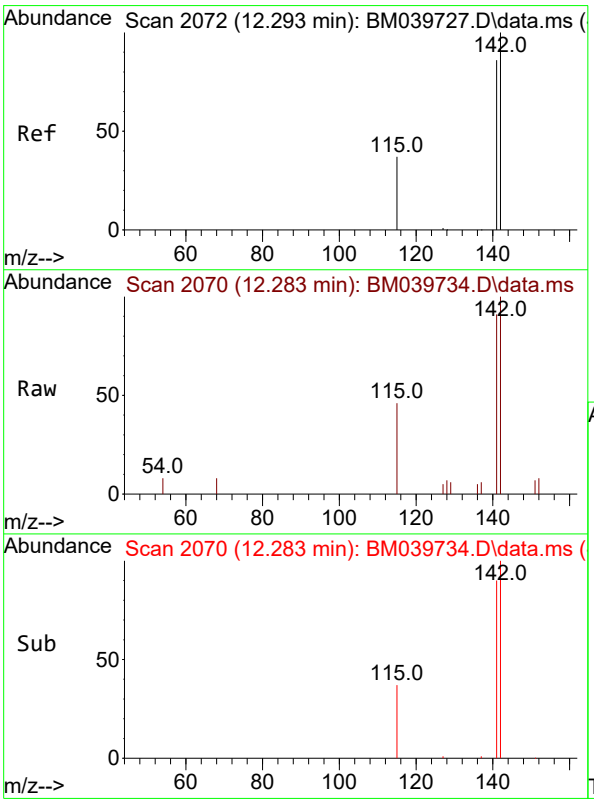
#5
Naphthalene
Concen: 0.272 ng/ul
RT: 10.650 min Scan# 1
Delta R.T. -0.011 min
Lab File: BM039734.D
Acq: 28 Apr 2023 13:50

Instrument :
BNA_M
ClientSampleId :
EW8Z9DL

Tgt Ion:128 Resp: 11265

Ion	Ratio	Lower	Upper
128	100		
129	12.8	9.8	14.6
127	13.7	11.1	16.7

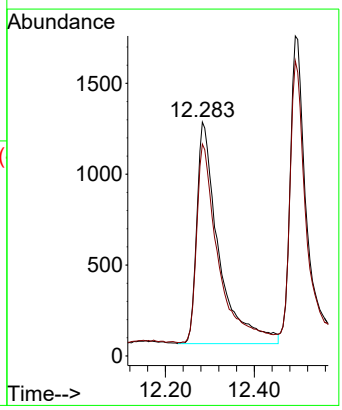


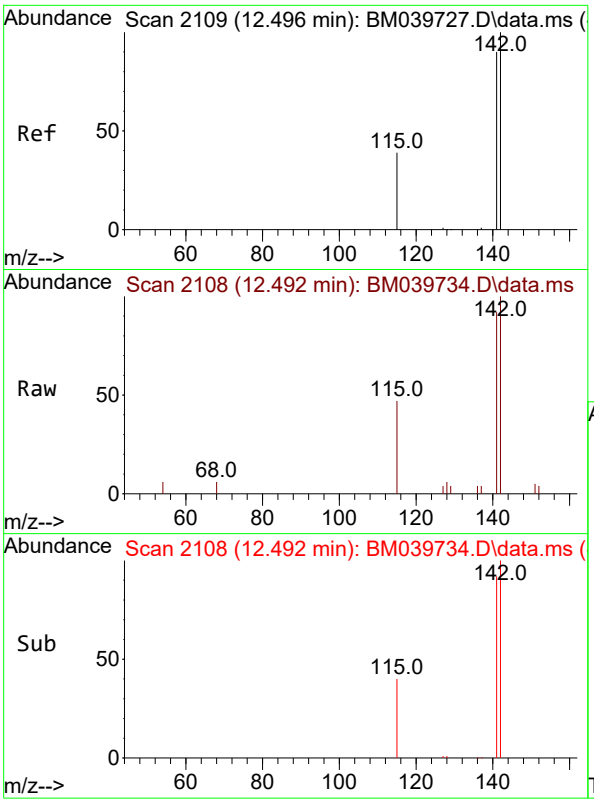


#7
2-Methylnaphthalene
Concen: 0.174 ng/ul
RT: 12.283 min Scan# 2070
Delta R.T. -0.006 min
Lab File: BM039734.D
Acq: 28 Apr 2023 13:50

Tgt Ion:142 Resp: 4161

Ion	Ratio	Lower	Upper
142	100		
141	88.9	73.2	109.8



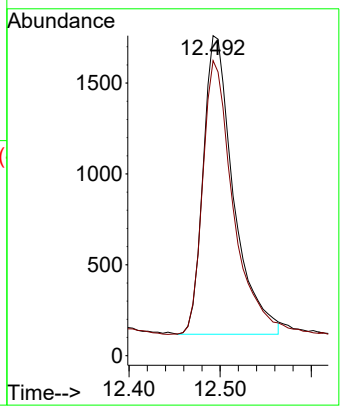


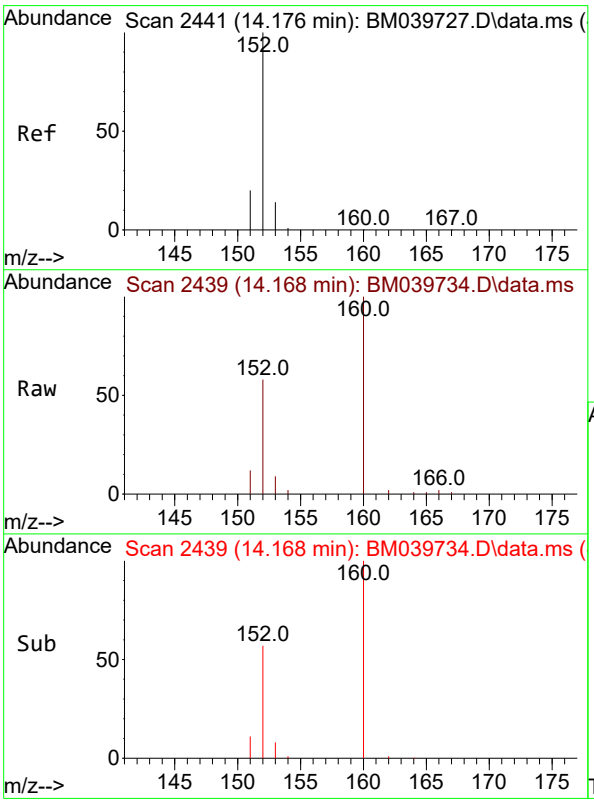
#8
1-Methylnaphthalene
Concen: 0.148 ng/ul
RT: 12.492 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM039734.D
Acq: 28 Apr 2023 13:50

Instrument :
BNA_M
ClientSampleId :
EW8Z9DL

Tgt Ion:142 Resp: 3795

Ion	Ratio	Lower	Upper
142	100		
141	91.8	73.4	110.2

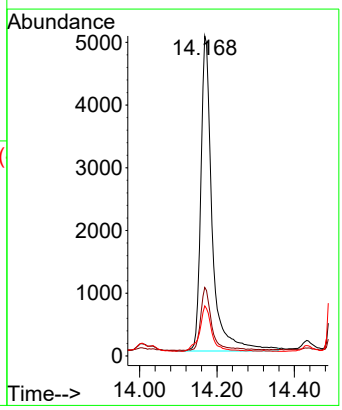


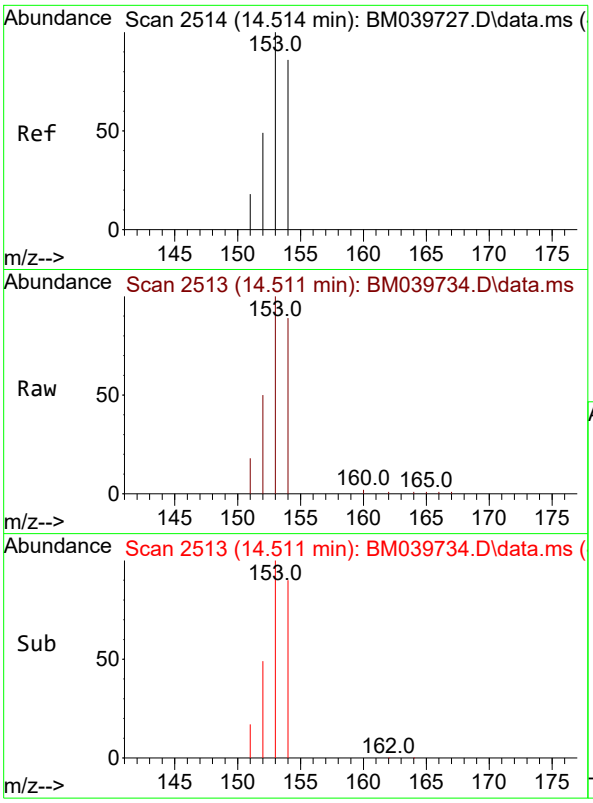


#10
Acenaphthylene
Concen: 0.269 ng/ul
RT: 14.168 min Scan# 2439
Delta R.T. -0.014 min
Lab File: BM039734.D
Acq: 28 Apr 2023 13:50

Tgt Ion:152 Resp: 10280

Ion	Ratio	Lower	Upper
152	100		
151	21.4	16.0	24.0
153	15.7	11.2	16.8



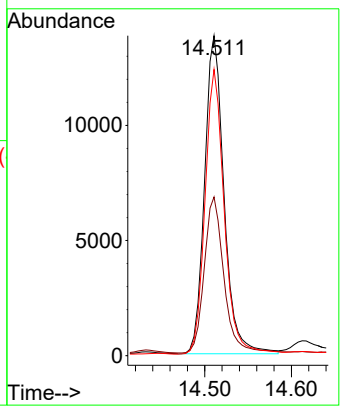


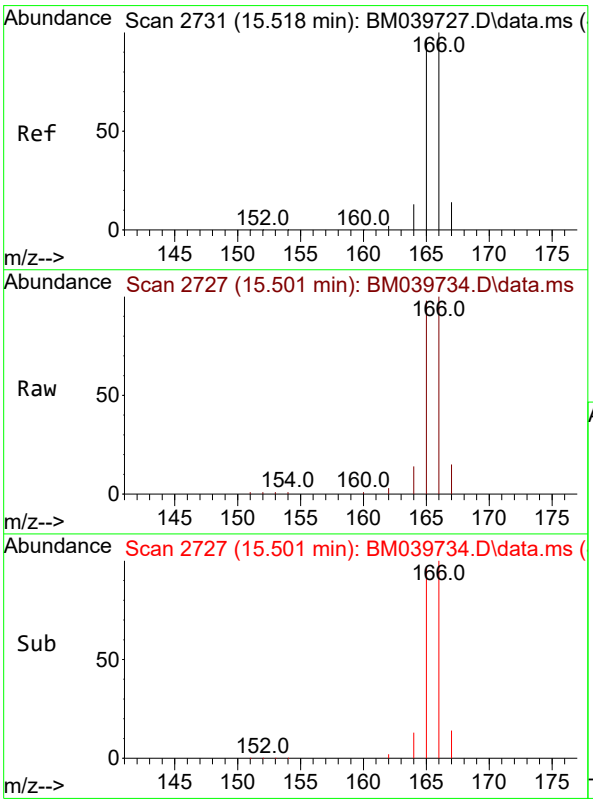
#11
Acenaphthene
Concen: 0.720 ng/ul
RT: 14.511 min Scan# 2
Delta R.T. -0.009 min
Lab File: BM039734.D
Acq: 28 Apr 2023 13:50

Instrument :
BNA_M
ClientSampleId :
EW8Z9DL

Tgt Ion:153 Resp: 21598

Ion	Ratio	Lower	Upper
153	100		
152	49.6	40.6	61.0
154	89.4	71.9	107.9

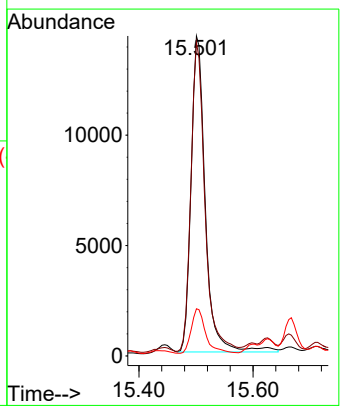


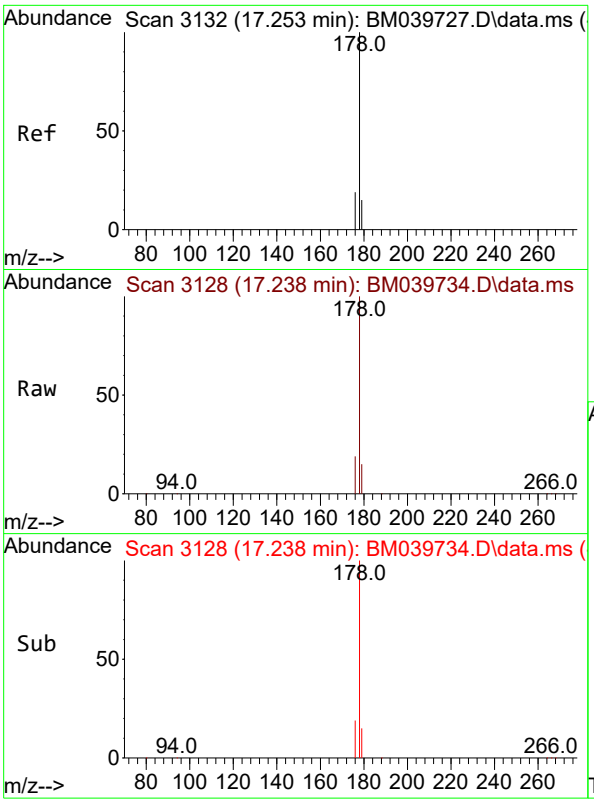


#12
Fluorene
Concen: 0.744 ng/ul
RT: 15.501 min Scan# 2727
Delta R.T. -0.019 min
Lab File: BM039734.D
Acq: 28 Apr 2023 13:50

Tgt Ion:166 Resp: 24790

Ion	Ratio	Lower	Upper
166	100		
165	98.0	79.0	118.6
167	14.7	11.8	17.6



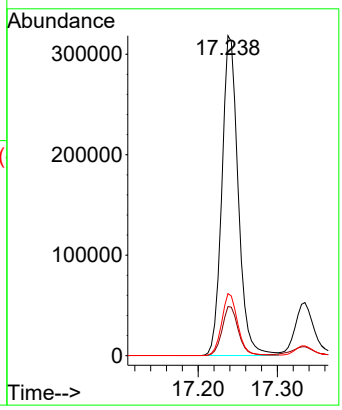


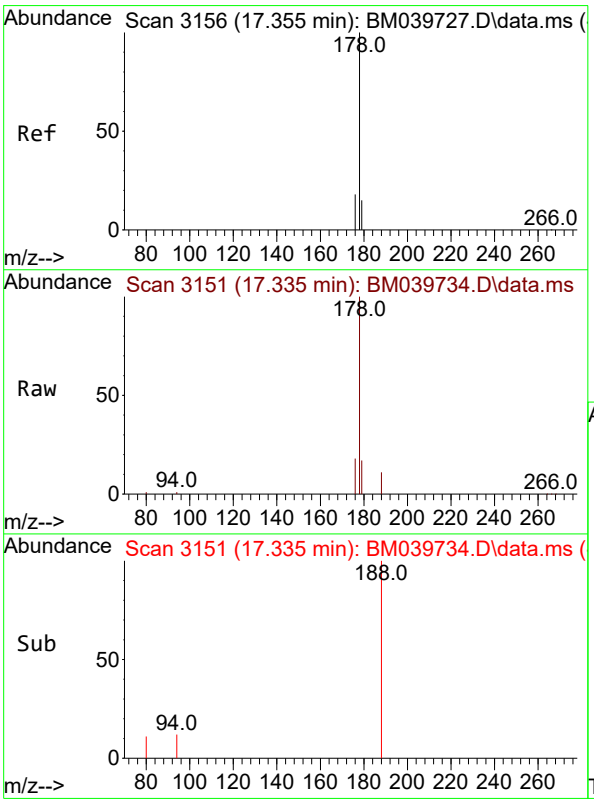
#15
Phenanthrene
Concen: 7.765 ng/ul
RT: 17.238 min Scan# 3
Delta R.T. -0.017 min
Lab File: BM039734.D
Acq: 28 Apr 2023 13:50

Instrument :
BNA_M
ClientSampleId :
EW8Z9DL

Tgt Ion:178 Resp: 456378

Ion	Ratio	Lower	Upper
178	100		
179	15.4	13.0	19.6
176	19.4	15.8	23.8

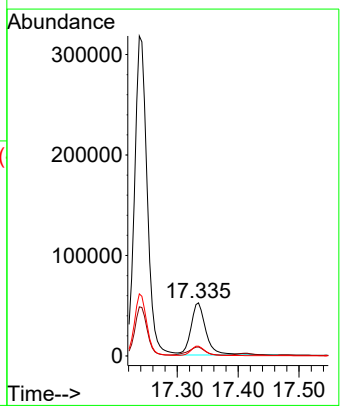


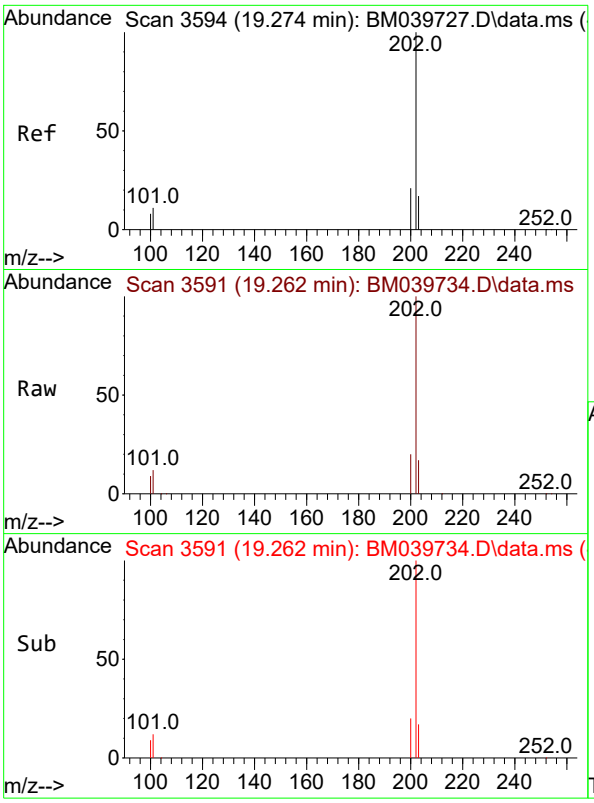


#16
Anthracene
Concen: 1.772 ng/ul
RT: 17.335 min Scan# 3151
Delta R.T. -0.021 min
Lab File: BM039734.D
Acq: 28 Apr 2023 13:50

Tgt Ion:178 Resp: 89417

Ion	Ratio	Lower	Upper
178	100		
179	16.8	13.8	20.6
176	18.5	15.8	23.8



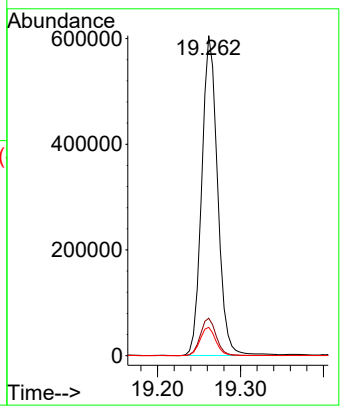


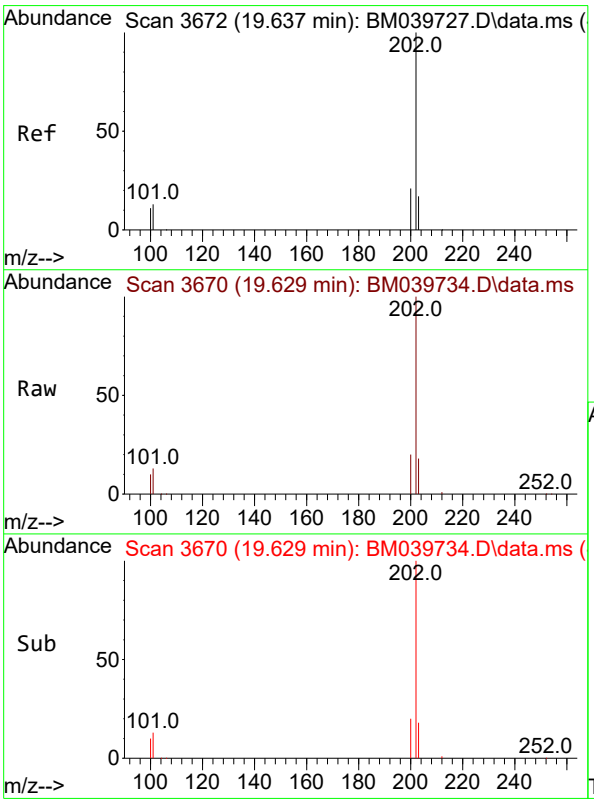
#19
Fluoranthene
Concen: 13.808 ng/ul
RT: 19.262 min Scan# 3
Delta R.T. -0.014 min
Lab File: BM039734.D
Acq: 28 Apr 2023 13:50

Instrument :
BNA_M
ClientSampleId :
EW8Z9DL

Tgt Ion:202 Resp: 805673

Ion	Ratio	Lower	Upper
202	100		
101	11.7	9.8	14.8
100	8.8	7.3	10.9

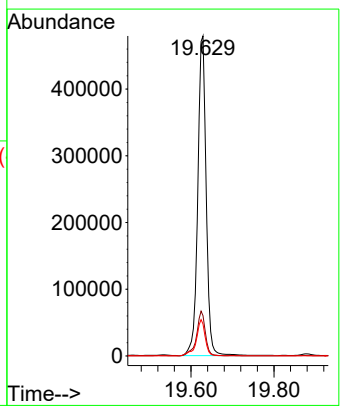


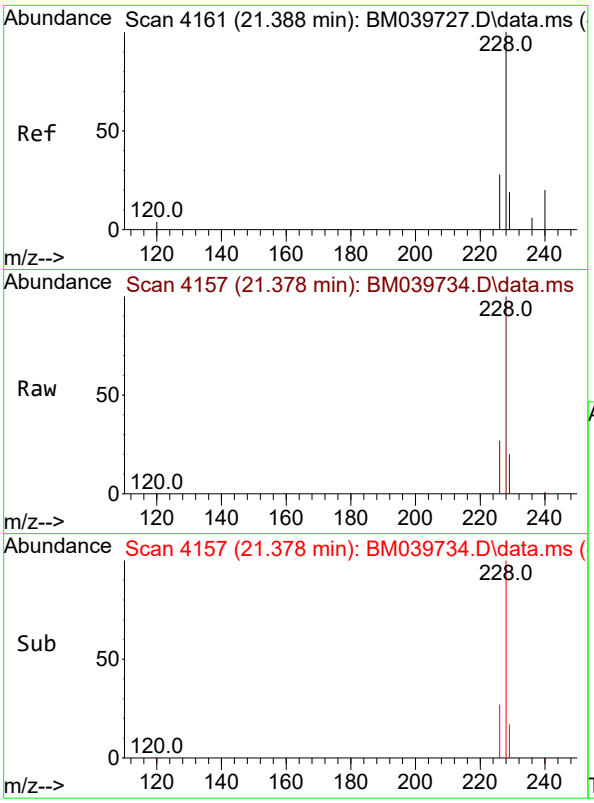


#20
Pyrene
Concen: 10.733 ng/ul
RT: 19.629 min Scan# 3670
Delta R.T. -0.014 min
Lab File: BM039734.D
Acq: 28 Apr 2023 13:50

Tgt Ion:202 Resp: 676303

Ion	Ratio	Lower	Upper
202	100		
101	12.6	10.9	16.3
100	10.0	8.9	13.3



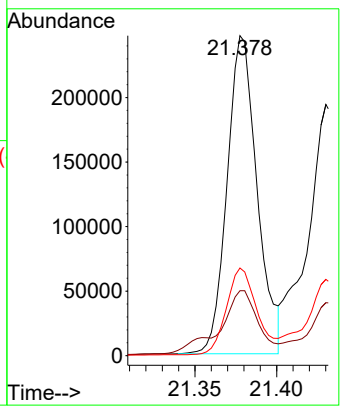


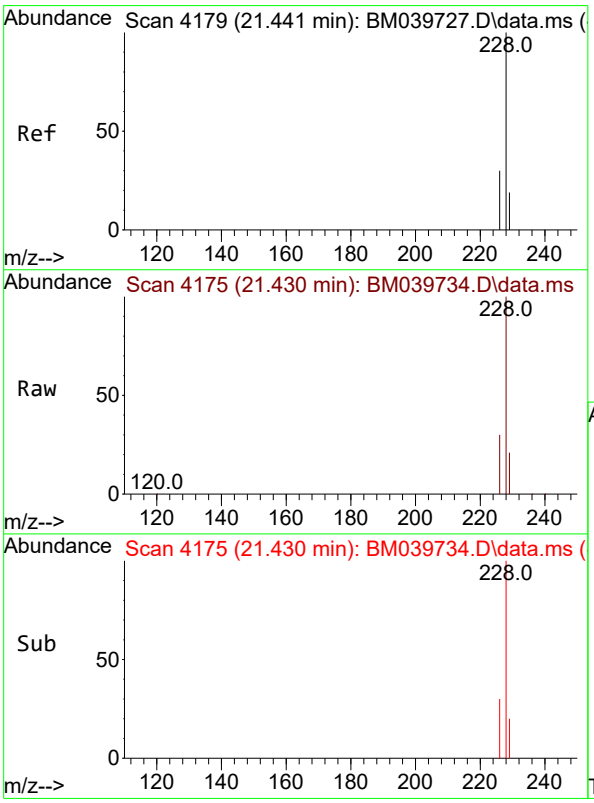
#21
Benzo(a)anthracene
Concen: 6.703 ng/ul
RT: 21.378 min Scan# 4
Delta R.T. -0.019 min
Lab File: BM039734.D
Acq: 28 Apr 2023 13:50

Instrument :
BNA_M
ClientSampleId :
EW8Z9DL

Tgt Ion:228 Resp: 315194

Ion	Ratio	Lower	Upper
228	100		
229	20.3	16.2	24.2
226	27.4	21.6	32.4

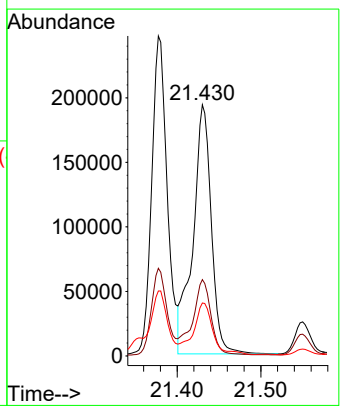


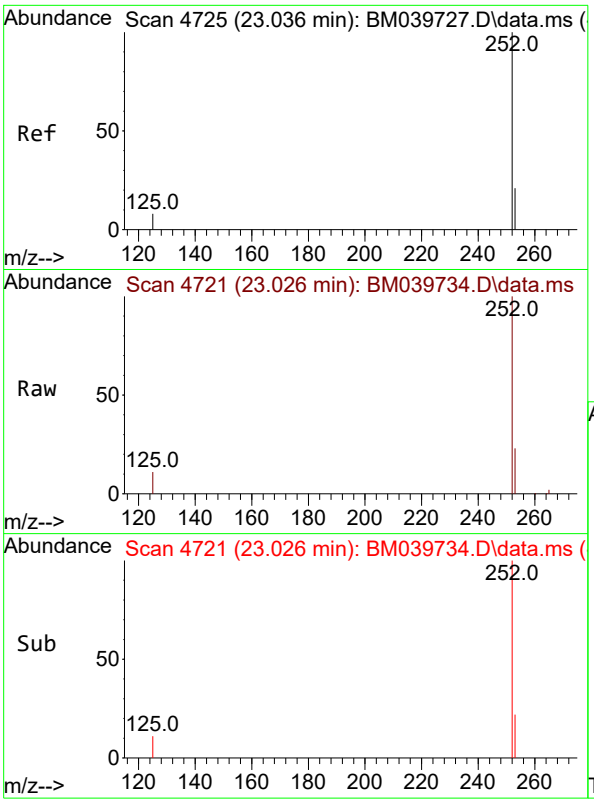


#22
Chrysene
Concen: 5.544 ng/ul
RT: 21.430 min Scan# 4175
Delta R.T. -0.016 min
Lab File: BM039734.D
Acq: 28 Apr 2023 13:50

Tgt Ion:228 Resp: 295042

Ion	Ratio	Lower	Upper
228	100		
226	30.4	24.3	36.5
229	21.1	15.9	23.9



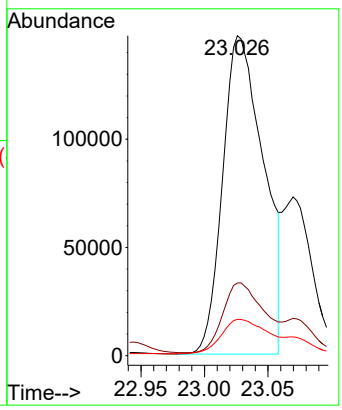


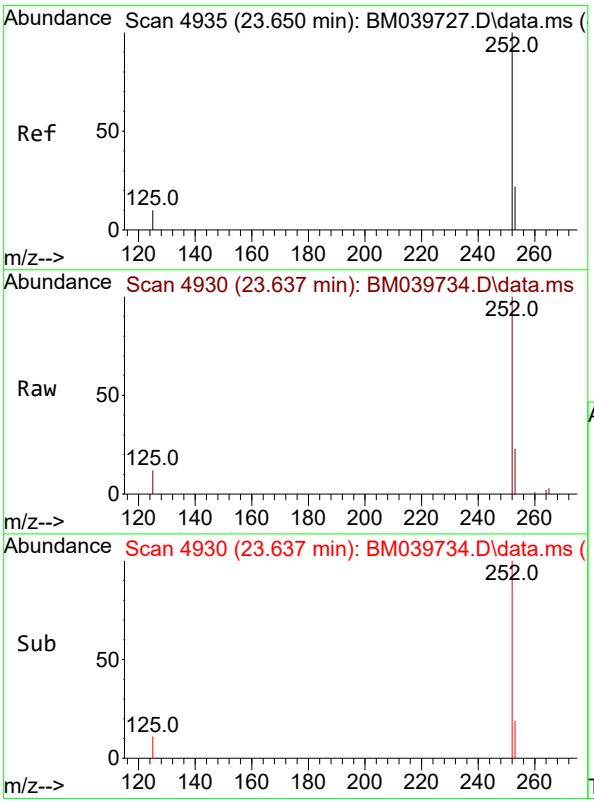
#24
Benzo(b)fluoranthene
Concen: 7.287 ng/ul
RT: 23.026 min Scan# 4
Delta R.T. -0.019 min
Lab File: BM039734.D
Acq: 28 Apr 2023 13:50

Instrument :
BNA_M
ClientSampleId :
EW8Z9DL

Tgt Ion:252 Resp: 328178

Ion	Ratio	Lower	Upper
252	100		
253	22.7	0.0	52.8
125	11.3	0.0	31.6

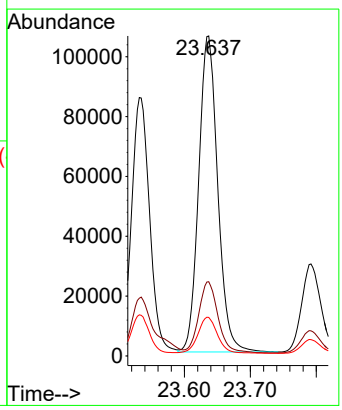


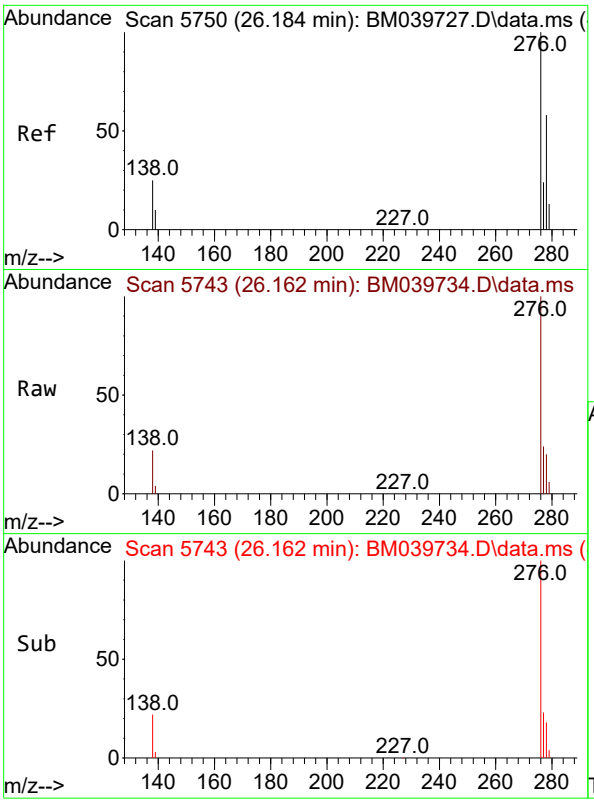


#26
Benzo(a)pyrene
Concen: 5.265 ng/ul
RT: 23.637 min Scan# 4930
Delta R.T. -0.028 min
Lab File: BM039734.D
Acq: 28 Apr 2023 13:50

Tgt Ion:252 Resp: 212863

Ion	Ratio	Lower	Upper
252	100		
253	23.2	24.7	37.1#
125	12.1	16.5	24.7#



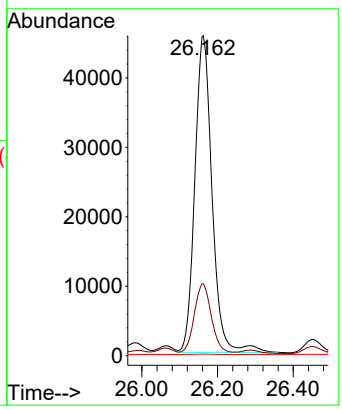


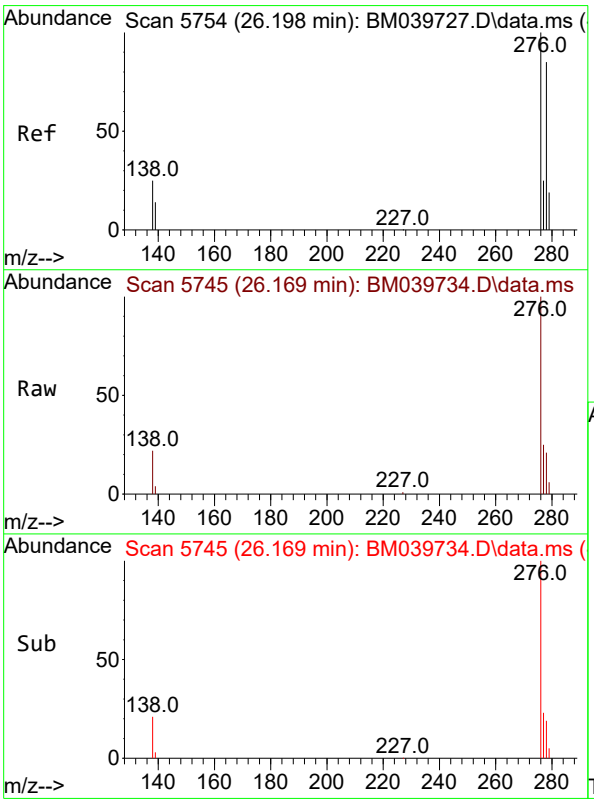
#27
Indeno(1,2,3-cd)pyrene
Concen: 2.822 ng/ul
RT: 26.162 min Scan# 5
Delta R.T. -0.039 min
Lab File: BM039734.D
Acq: 28 Apr 2023 13:50

Instrument :
BNA_M
ClientSampleId :
EW8Z9DL

Tgt Ion:276 Resp: 144251

Ion	Ratio	Lower	Upper
276	100		
138	21.2	21.1	31.7
227	0.1	0.1	0.1#

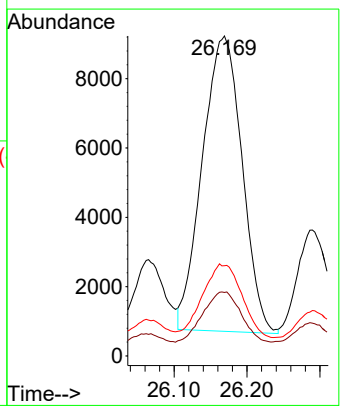


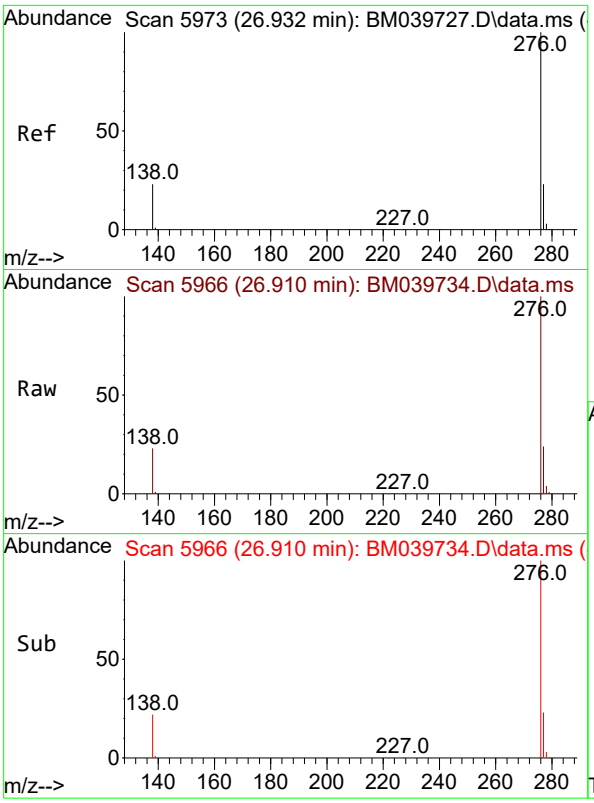


#28
Dibenzo(a,h)anthracene
Concen: 0.813 ng/ul
RT: 26.169 min Scan# 5745
Delta R.T. -0.049 min
Lab File: BM039734.D
Acq: 28 Apr 2023 13:50

Tgt Ion:278 Resp: 32259

Ion	Ratio	Lower	Upper
278	100		
139	19.9	17.0	25.6
279	28.2	23.4	35.2





#29
Benzo(g,h,i)perylene
Concen: 2.889 ng/ul
RT: 26.910 min Scan# 5
Delta R.T. -0.039 min
Lab File: BM039734.D
Acq: 28 Apr 2023 13:50

Instrument :
BNA_M
ClientSampleId :
EW8Z9DL

Tgt Ion:276 Resp: 128722

Ion	Ratio	Lower	Upper
276	100		
138	22.7	20.1	30.1
277	24.2	20.1	30.1