Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042723\
Data File : BM039732.D
Acq On : 28 Apr 2023 12:38
Operator : CG/JU
Sample : 02418-19DL 5X
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
EW8Z5DL

Quant Time: Apr 29 02:03:42 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	3911	0.400	ng/ul	-0.03
4) Naphthalene-d8	10.600	136	14511	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.451	164	8669	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.200	188	19657	0.400	ng/ul	-0.02
17) Chrysene-d12	21.398	240	16036	0.400	ng/ul	-0.01
23) Perylene-d12	23.742	264	14730	0.400	ng/ul	#-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.193	96	2853	0.495	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.206	152	800	0.043	ng/ul	-0.01
18) Fluoranthene-d10	19.234	212	2339	0.054	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.650	128	11416	0.313	ng/ul	100
7) 2-Methylnaphthalene	12.283	142	5407	0.257	ng/ul	98
8) 1-Methylnaphthalene	12.492	142	5729	0.254	ng/ul	99
10) Acenaphthylene	14.173	152	27855	0.830	ng/ul	99
11) Acenaphthene	14.511	153	18265	0.693	ng/ul	97
12) Fluorene	15.505	166	26885	0.919	ng/ul	99
15) Phenanthrene	17.242	178	578019	11.161	ng/ul	98
16) Anthracene	17.335	178	82793	1.862	ng/ul	99
19) Fluoranthene	19.262	202	873540	15.269	ng/ul	99
20) Pyrene	19.629	202	752573	12.181	ng/ul	98
21) Benzo(a)anthracene	21.380	228	338908	7.351	ng/ul	99
22) Chrysene	21.433	228	356216	6.827	ng/ul	98
24) Benzo(b)fluoranthene	23.029	252	461709	8.925	ng/ul	91
26) Benzo(a)pyrene	23.637	252	276413	5.951	ng/ul#	84
27) Indeno(1,2,3-cd)pyrene	26.166	276	190539	3.244	ng/ul#	91
28) Dibenzo(a,h)anthracene	26.172	278	43215	0.948	ng/ul	96
29) Benzo(g,h,i)perylene	26.910	276	158168	3.091	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\
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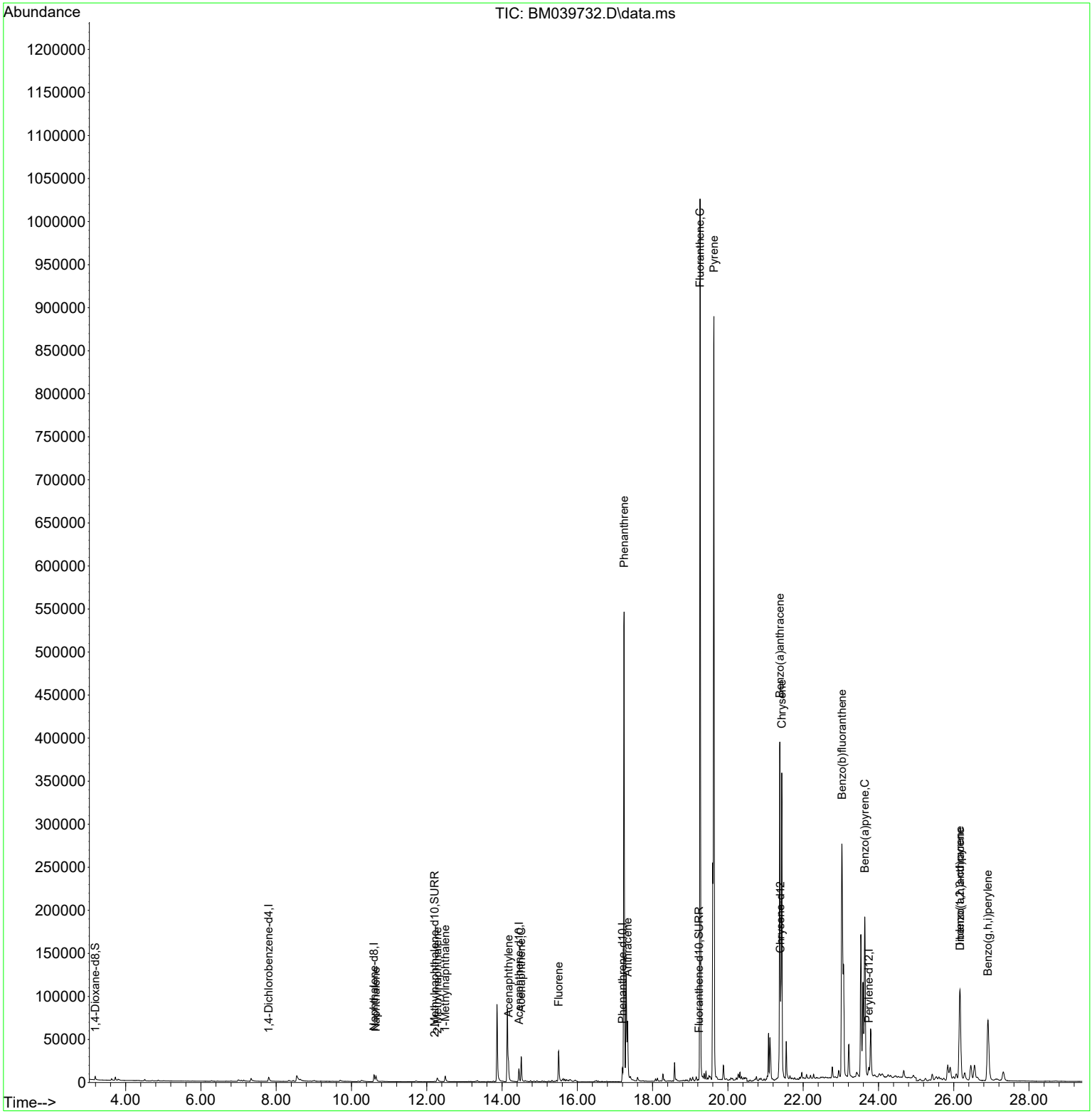
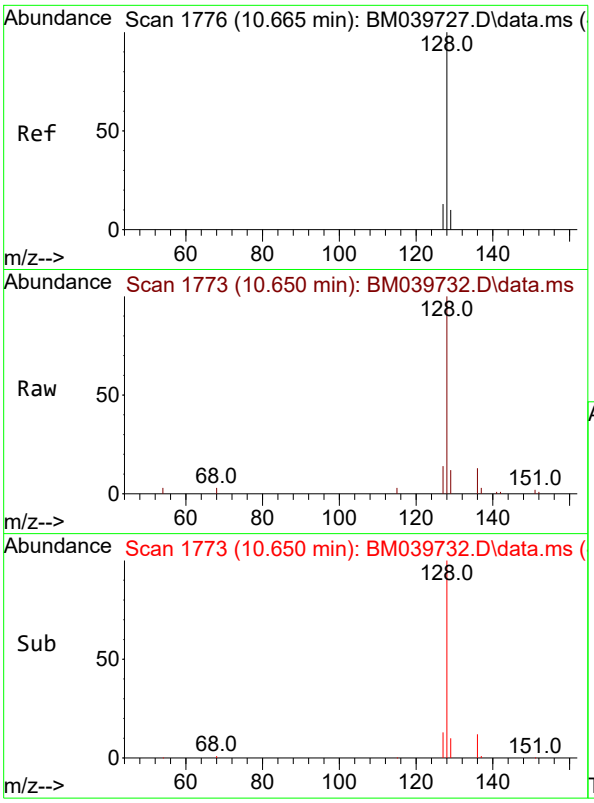
Acq On : 28 Apr 2023 12:38
Operator : CG/JU
Sample : 02418-19DL 5X
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
EW8Z5DL

Quant Time: Apr 29 02:03:42 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



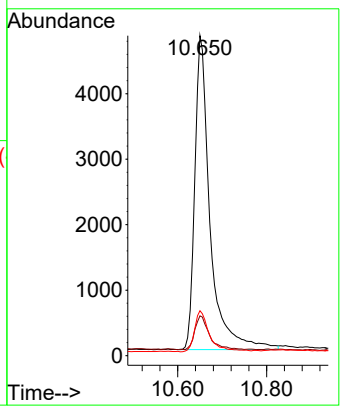


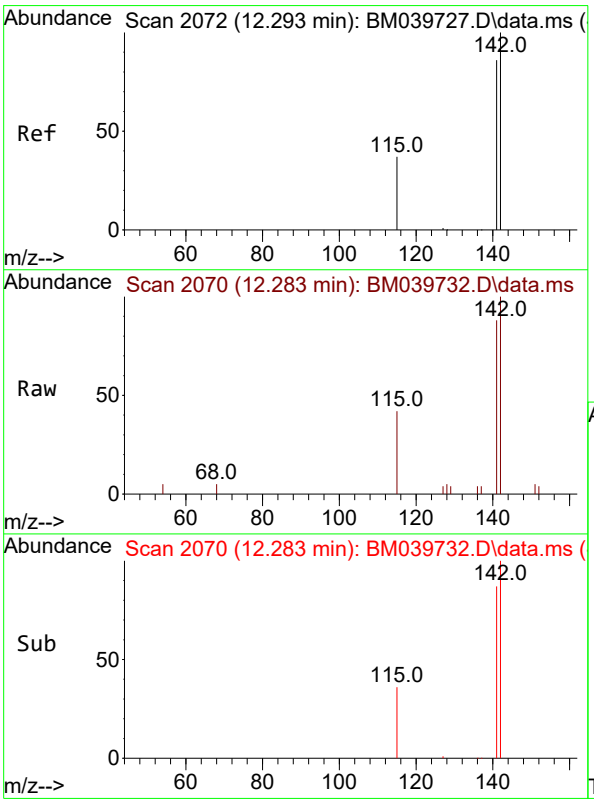
#5
Naphthalene
Concen: 0.313 ng/ul
RT: 10.650 min Scan# 1
Delta R.T. -0.011 min
Lab File: BM039732.D
Acq: 28 Apr 2023 12:38

Instrument :
BNA_M
ClientSampleId :
EW8Z5DL

Tgt Ion:128 Resp: 11416

Ion	Ratio	Lower	Upper
128	100		
129	12.4	9.8	14.6
127	14.0	11.1	16.7

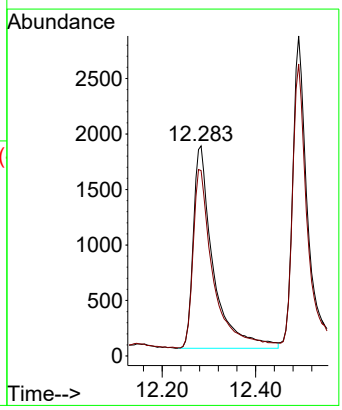


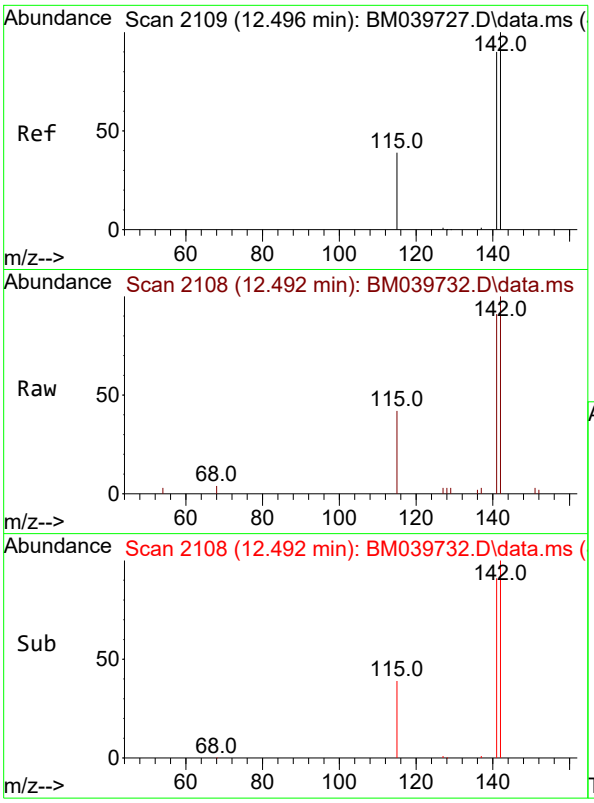


#7
2-Methylnaphthalene
Concen: 0.257 ng/ul
RT: 12.283 min Scan# 2070
Delta R.T. -0.006 min
Lab File: BM039732.D
Acq: 28 Apr 2023 12:38

Tgt Ion:142 Resp: 5407

Ion	Ratio	Lower	Upper
142	100		
141	89.3	73.2	109.8



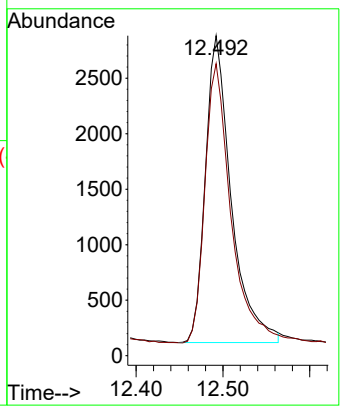


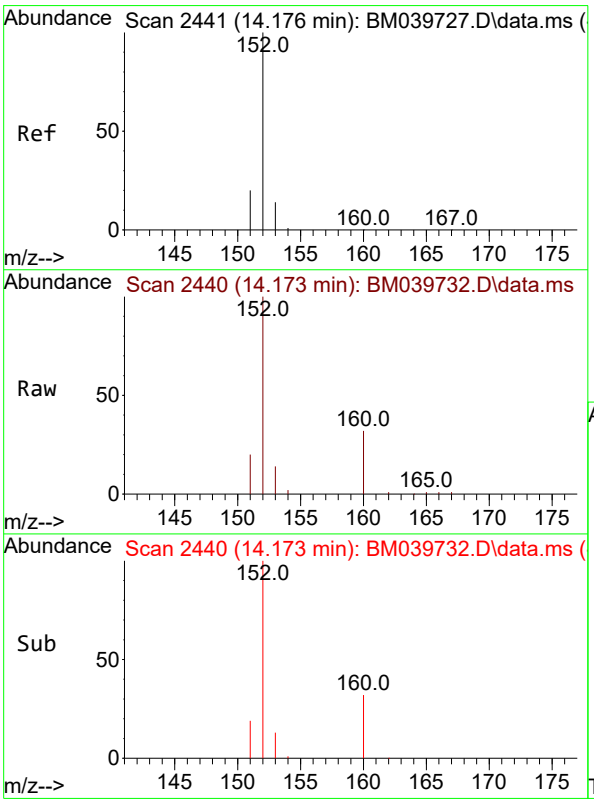
#8
1-Methylnaphthalene
Concen: 0.254 ng/ul
RT: 12.492 min Scan# 2
Delta R.T. -0.006 min
Lab File: BM039732.D
Acq: 28 Apr 2023 12:38

Instrument :
BNA_M
ClientSampleId :
EW8Z5DL

Tgt Ion:142 Resp: 5729

Ion	Ratio	Lower	Upper
142	100		
141	90.9	73.4	110.2

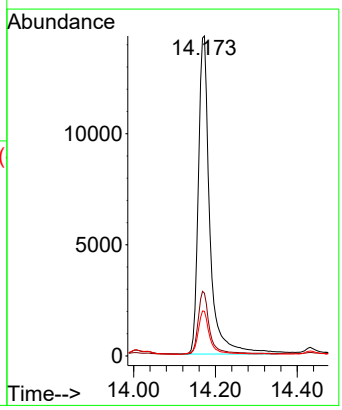


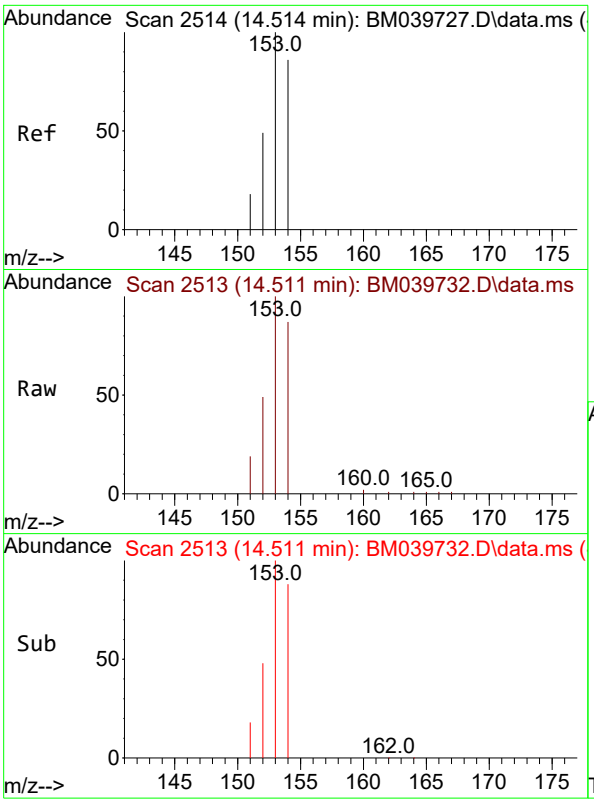


#10
Acenaphthylene
Concen: 0.830 ng/ul
RT: 14.173 min Scan# 2440
Delta R.T. -0.009 min
Lab File: BM039732.D
Acq: 28 Apr 2023 12:38

Tgt Ion:152 Resp: 27855

Ion	Ratio	Lower	Upper
152	100		
151	19.6	16.0	24.0
153	14.0	11.2	16.8



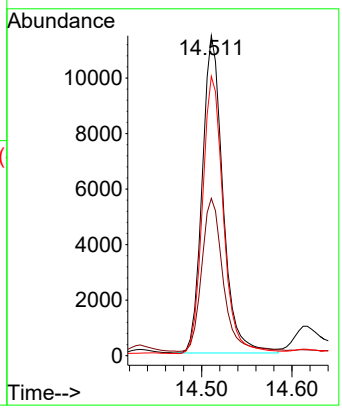


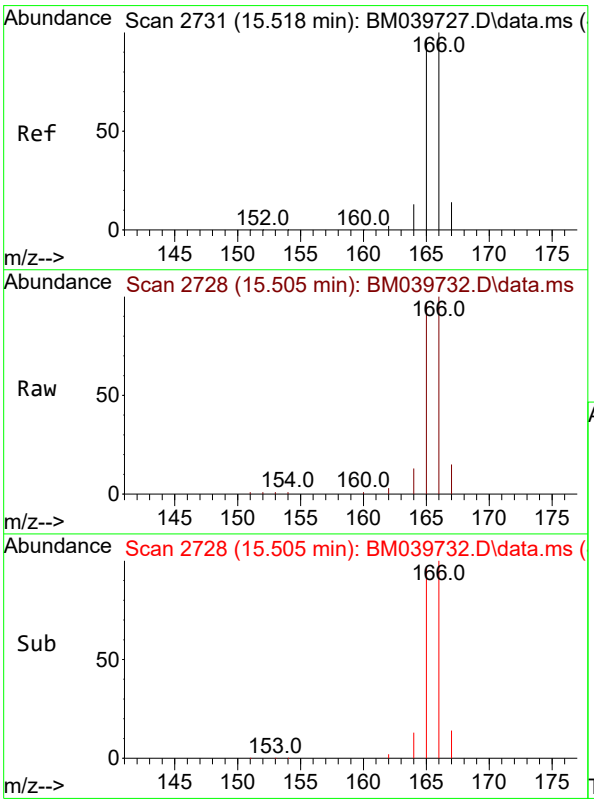
#11
Acenaphthene
Concen: 0.693 ng/ul
RT: 14.511 min Scan# 2
Delta R.T. -0.009 min
Lab File: BM039732.D
Acq: 28 Apr 2023 12:38

Instrument :
BNA_M
ClientSampleId :
EW8Z5DL

Tgt Ion:153 Resp: 18265

Ion	Ratio	Lower	Upper
153	100		
152	49.1	40.6	61.0
154	87.3	71.9	107.9

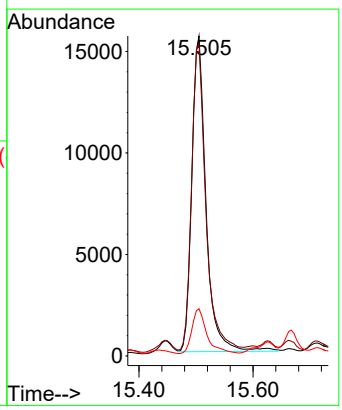


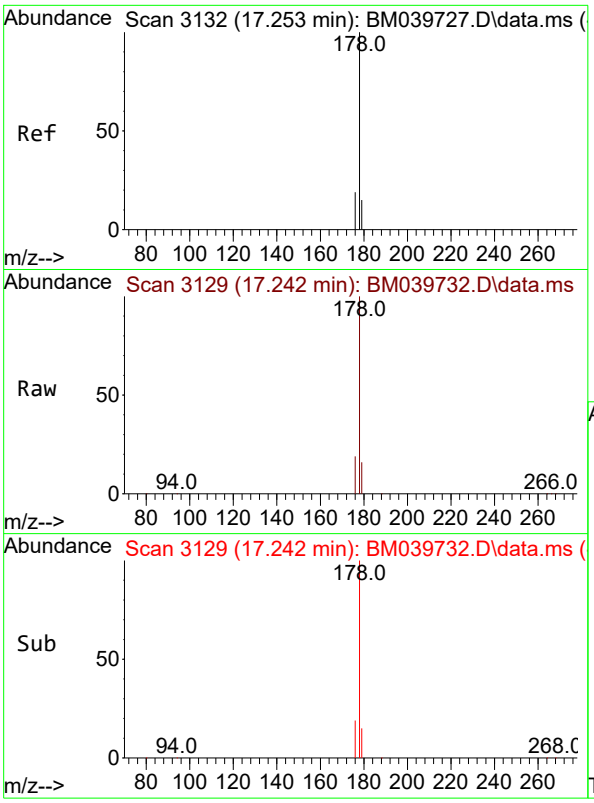


#12
Fluorene
Concen: 0.919 ng/ul
RT: 15.505 min Scan# 2728
Delta R.T. -0.014 min
Lab File: BM039732.D
Acq: 28 Apr 2023 12:38

Tgt Ion:166 Resp: 26885

Ion	Ratio	Lower	Upper
166	100		
165	97.4	79.0	118.6
167	14.7	11.8	17.6



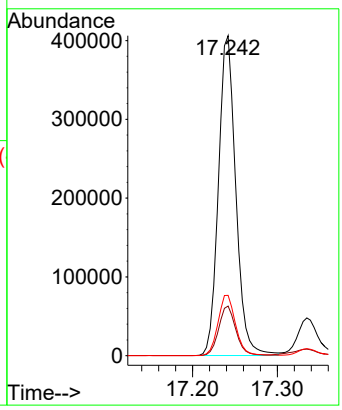


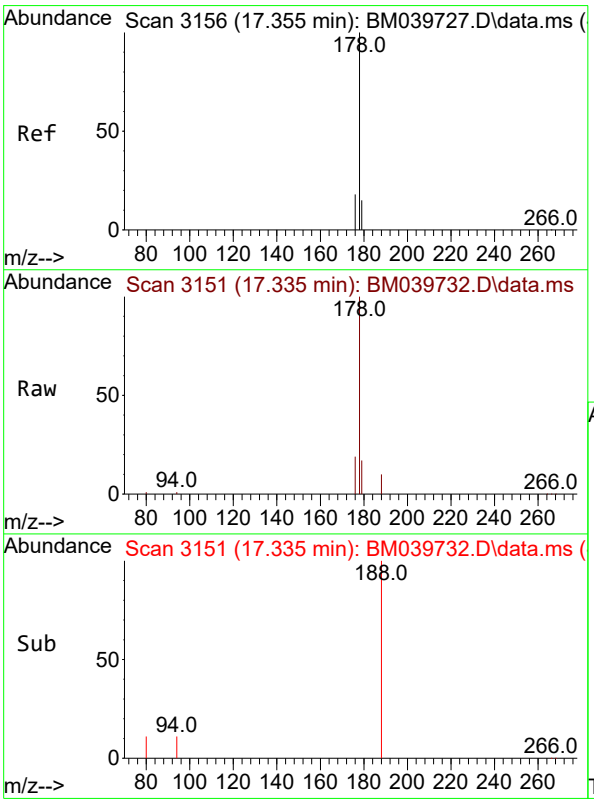
#15
Phenanthrene
Concen: 11.161 ng/ul
RT: 17.242 min Scan# 3
Delta R.T. -0.013 min
Lab File: BM039732.D
Acq: 28 Apr 2023 12:38

Instrument :
BNA_M
ClientSampleId :
EW8Z5DL

Tgt Ion:178 Resp: 578019

Ion	Ratio	Lower	Upper
178	100		
179	15.5	13.0	19.6
176	18.9	15.8	23.8

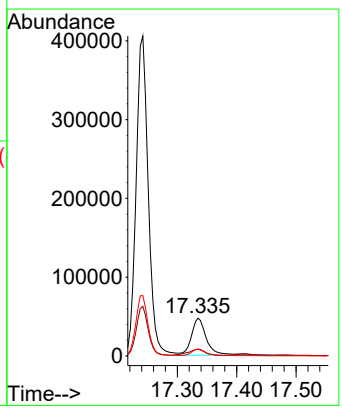


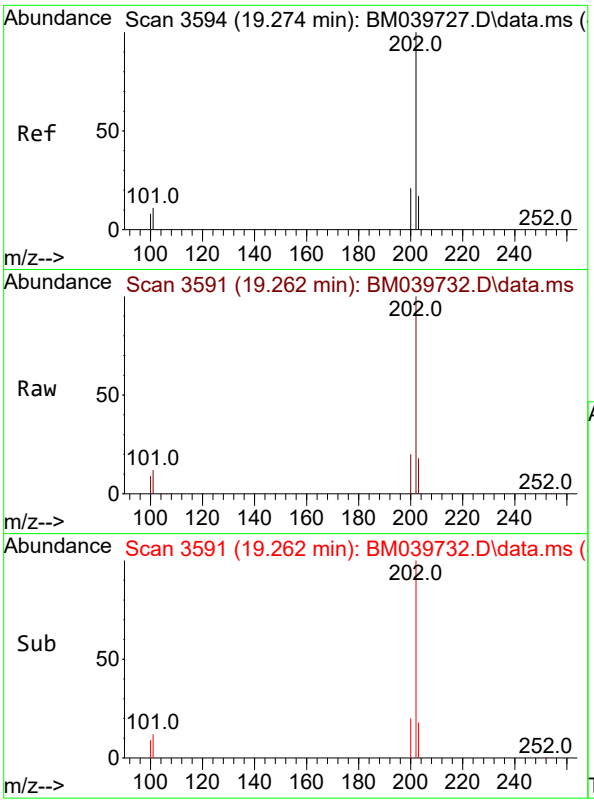


#16
Anthracene
Concen: 1.862 ng/ul
RT: 17.335 min Scan# 3151
Delta R.T. -0.021 min
Lab File: BM039732.D
Acq: 28 Apr 2023 12:38

Tgt Ion:178 Resp: 82793

Ion	Ratio	Lower	Upper
178	100		
179	17.4	13.8	20.6
176	18.8	15.8	23.8



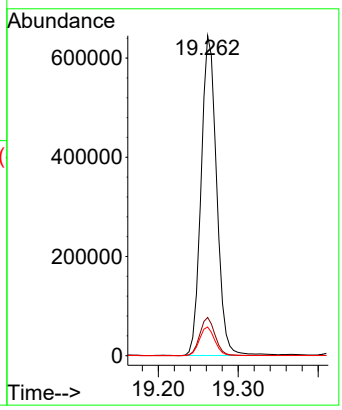


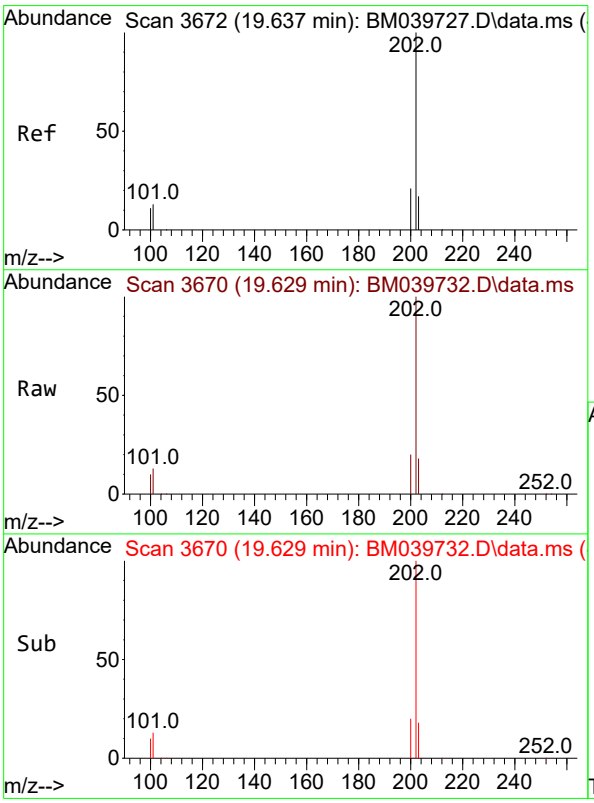
#19
Fluoranthene
Concen: 15.269 ng/ul
RT: 19.262 min Scan# 3
Delta R.T. -0.014 min
Lab File: BM039732.D
Acq: 28 Apr 2023 12:38

Instrument :
BNA_M
ClientSampleId :
EW8Z5DL

Tgt Ion:202 Resp: 873540

Ion	Ratio	Lower	Upper
202	100		
101	11.9	9.8	14.8
100	9.0	7.3	10.9

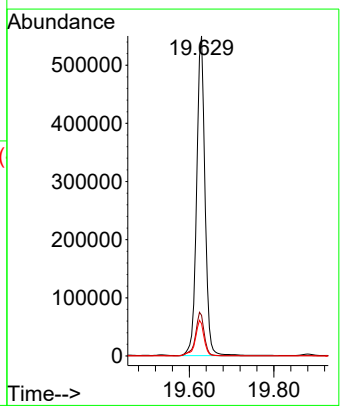


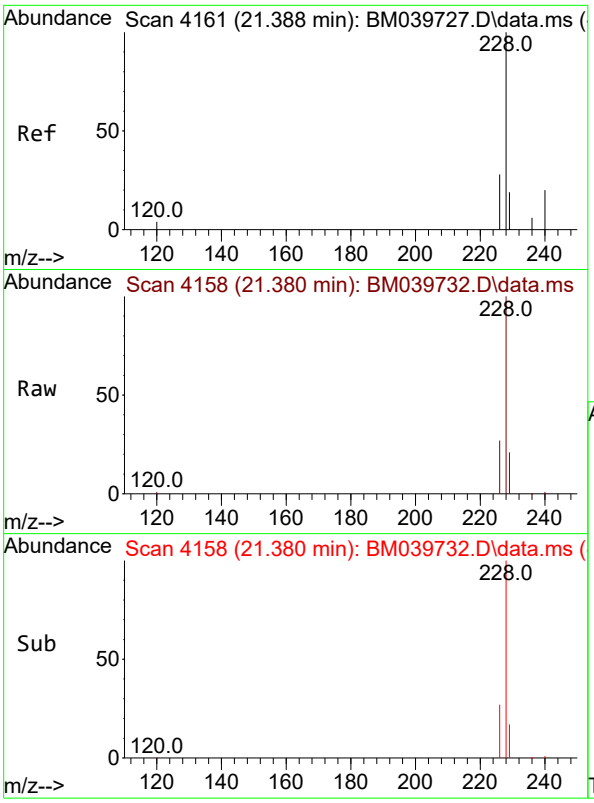


#20
Pyrene
Concen: 12.181 ng/ul
RT: 19.629 min Scan# 3670
Delta R.T. -0.014 min
Lab File: BM039732.D
Acq: 28 Apr 2023 12:38

Tgt Ion:202 Resp: 752573

Ion	Ratio	Lower	Upper
202	100		
101	12.7	10.9	16.3
100	10.1	8.9	13.3



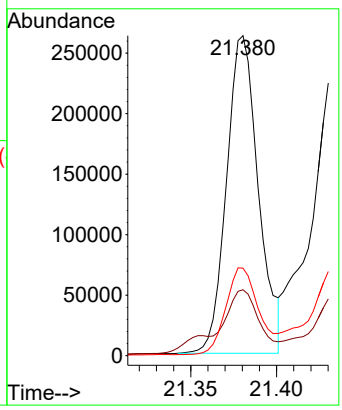


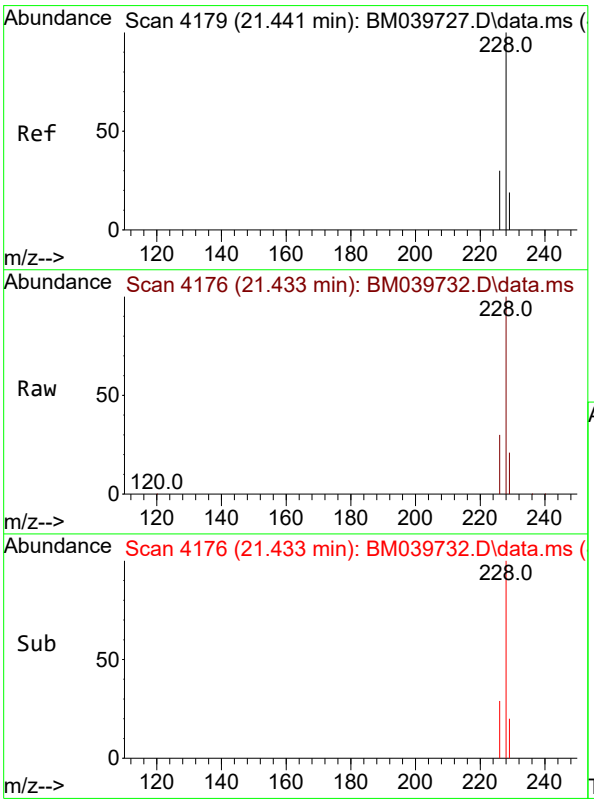
#21
Benzo(a)anthracene
Concen: 7.351 ng/ul
RT: 21.380 min Scan# 4
Delta R.T. -0.016 min
Lab File: BM039732.D
Acq: 28 Apr 2023 12:38

Instrument :
BNA_M
ClientSampleId :
EW8Z5DL

Tgt Ion:228 Resp: 338908

Ion	Ratio	Lower	Upper
228	100		
229	20.6	16.2	24.2
226	27.3	21.6	32.4

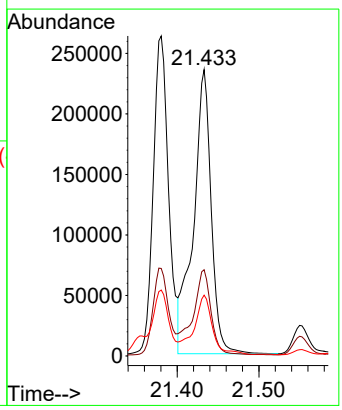


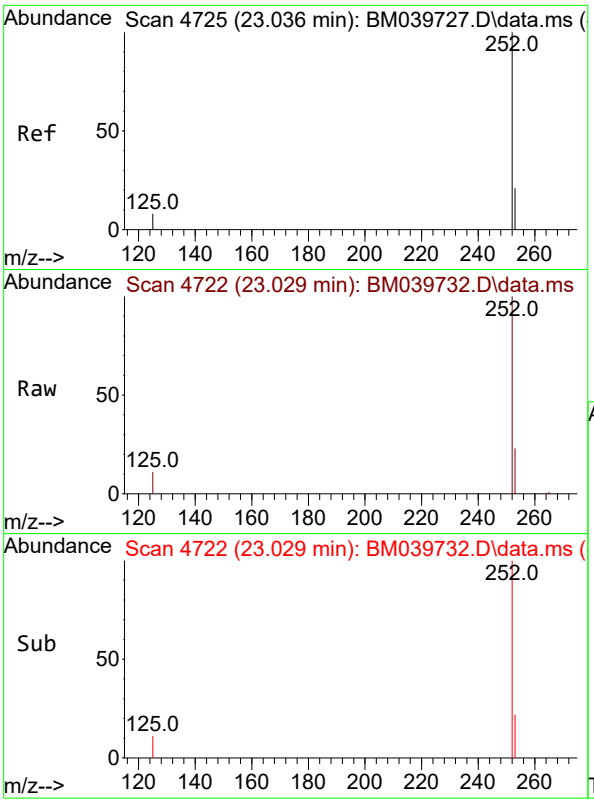


#22
Chrysene
Concen: 6.827 ng/ul
RT: 21.433 min Scan# 4176
Delta R.T. -0.013 min
Lab File: BM039732.D
Acq: 28 Apr 2023 12:38

Tgt Ion:228 Resp: 356216

Ion	Ratio	Lower	Upper
228	100		
226	30.1	24.3	36.5
229	21.3	15.9	23.9



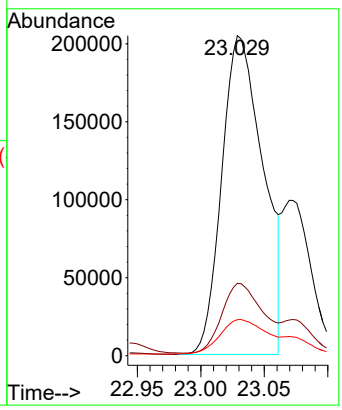


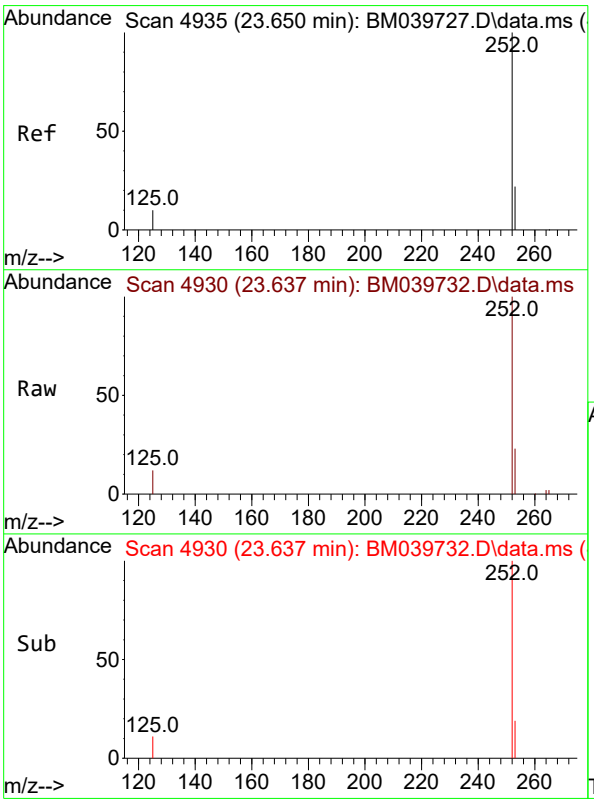
#24
Benzo(b)fluoranthene
Concen: 8.925 ng/ul
RT: 23.029 min Scan# 4
Delta R.T. -0.016 min
Lab File: BM039732.D
Acq: 28 Apr 2023 12:38

Instrument :
BNA_M
ClientSampleId :
EW8Z5DL

Tgt Ion:252 Resp: 461709

Ion	Ratio	Lower	Upper
252	100		
253	22.6	0.0	52.8
125	11.3	0.0	31.6

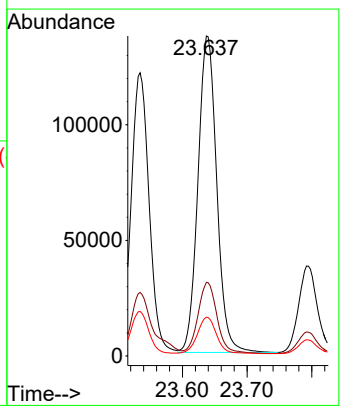


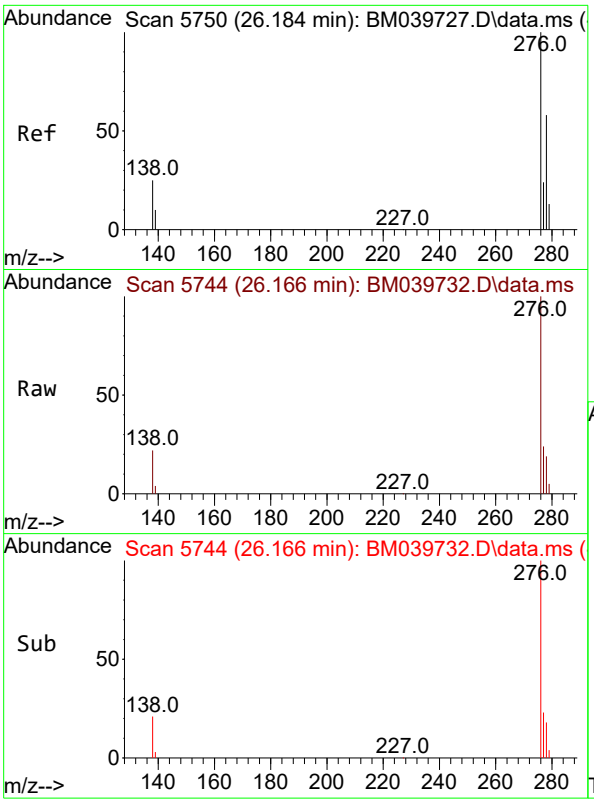


#26
Benzo(a)pyrene
Concen: 5.951 ng/ul
RT: 23.637 min Scan# 4930
Delta R.T. -0.028 min
Lab File: BM039732.D
Acq: 28 Apr 2023 12:38

Tgt Ion:252 Resp: 276413

Ion	Ratio	Lower	Upper
252	100		
253	23.0	24.7	37.1#
125	12.1	16.5	24.7#



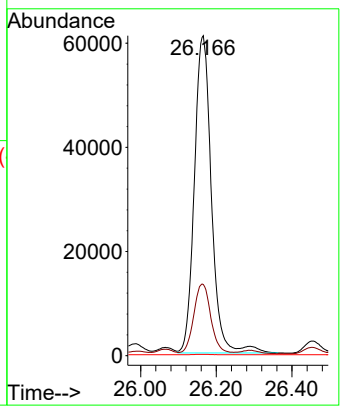


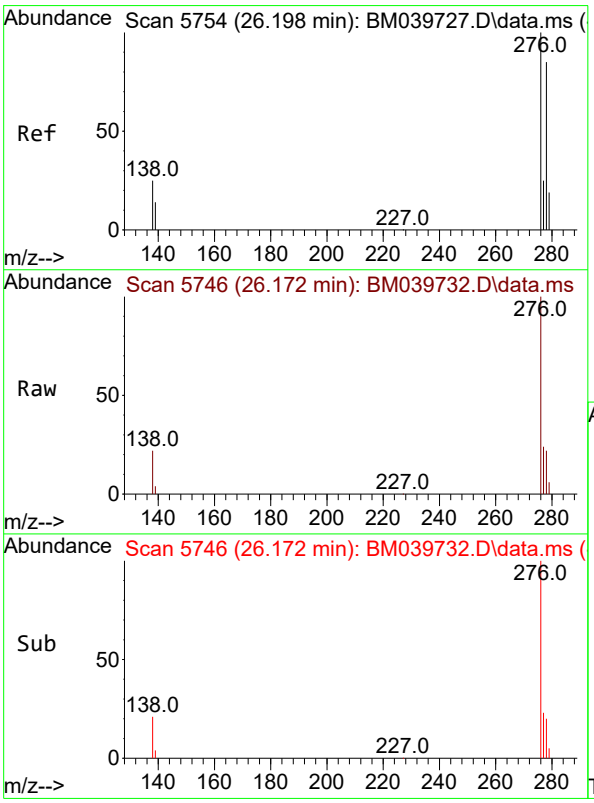
#27
Indeno(1,2,3-cd)pyrene
Concen: 3.244 ng/ul
RT: 26.166 min Scan# 5
Delta R.T. -0.035 min
Lab File: BM039732.D
Acq: 28 Apr 2023 12:38

Instrument :
BNA_M
ClientSampleId :
EW8Z5DL

Tgt Ion:276 Resp: 190539

Ion	Ratio	Lower	Upper
276	100		
138	21.5	21.1	31.7
227	0.2	0.1	0.1#

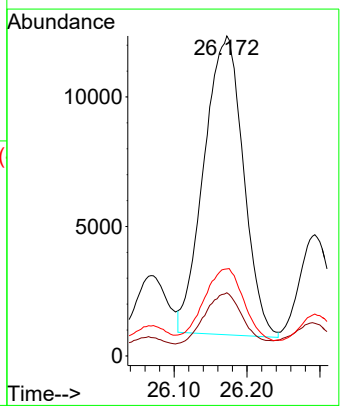


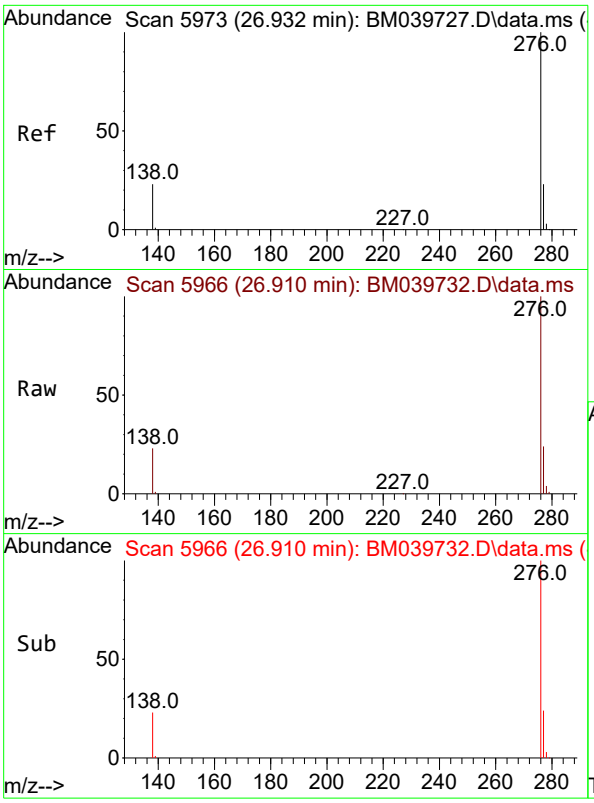


#28
Dibenzo(a,h)anthracene
Concen: 0.948 ng/ul
RT: 26.172 min Scan# 5746
Delta R.T. -0.045 min
Lab File: BM039732.D
Acq: 28 Apr 2023 12:38

Tgt Ion:278 Resp: 43215

Ion	Ratio	Lower	Upper
278	100		
139	19.8	17.0	25.6
279	27.2	23.4	35.2





#29
Benzo(g,h,i)perylene
Concen: 3.091 ng/ul
RT: 26.910 min Scan# 5
Delta R.T. -0.039 min
Lab File: BM039732.D
Acq: 28 Apr 2023 12:38

Instrument :
BNA_M
ClientSampleId :
EW8Z5DL

Tgt Ion:276 Resp: 158168

Ion	Ratio	Lower	Upper
276	100		
138	23.4	20.1	30.1
277	24.2	20.1	30.1