Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071423\
Data File : BM040873.D
Acq On : 14 Jul 2023 11:15
Operator : MA/JU
Sample : 03418-03
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A46F4

Quant Time: Jul 15 03:14:16 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM062223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 14 03:14:53 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.857	152	3895	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.658	136	13467	0.400	ng/ul	#-0.01
9) Acenaphthene-d10	14.504	164	6635	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.257	188	15209	0.400	ng/ul	0.00
17) Chrysene-d12	21.448	240	8970	0.400	ng/ul	-0.01
23) Perylene-d12	23.828	264	9273	0.400	ng/ul	#-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.275	96	27606	4.512	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.258	152	5722	0.303	ng/ul	0.00
18) Fluoranthene-d10	19.292	212	9661	0.336	ng/ul	0.00
Target Compounds						Qvalue
10) Acenaphthylene	14.227	152	1056	0.036	ng/ul#	73
11) Acenaphthene	14.624	153	10227	0.409	ng/ul#	1
15) Phenanthrene	17.299	178	4912	0.104	ng/ul	96
16) Anthracene	17.392	178	1154	0.029	ng/ul#	76
19) Fluoranthene	19.320	202	12344	0.324	ng/ul	99
20) Pyrene	19.682	202	13691	0.335	ng/ul	97
21) Benzo(a)anthracene	21.434	228	4603	0.152	ng/ul#	94
22) Chrysene	21.486	228	6304	0.182	ng/ul#	93
24) Benzo(b)fluoranthene	23.105	252	6228	0.174	ng/ul	72
26) Benzo(a)pyrene	23.719	252	4104	0.127	ng/ul#	73
27) Indeno(1,2,3-cd)pyrene	26.287	276	3131	0.070	ng/ul#	85
28) Dibenzo(a,h)anthracene	26.294	278	742	0.021	ng/ul#	1
29) Benzo(g,h,i)perylene	27.042	276	3522	0.089	ng/ul#	87

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

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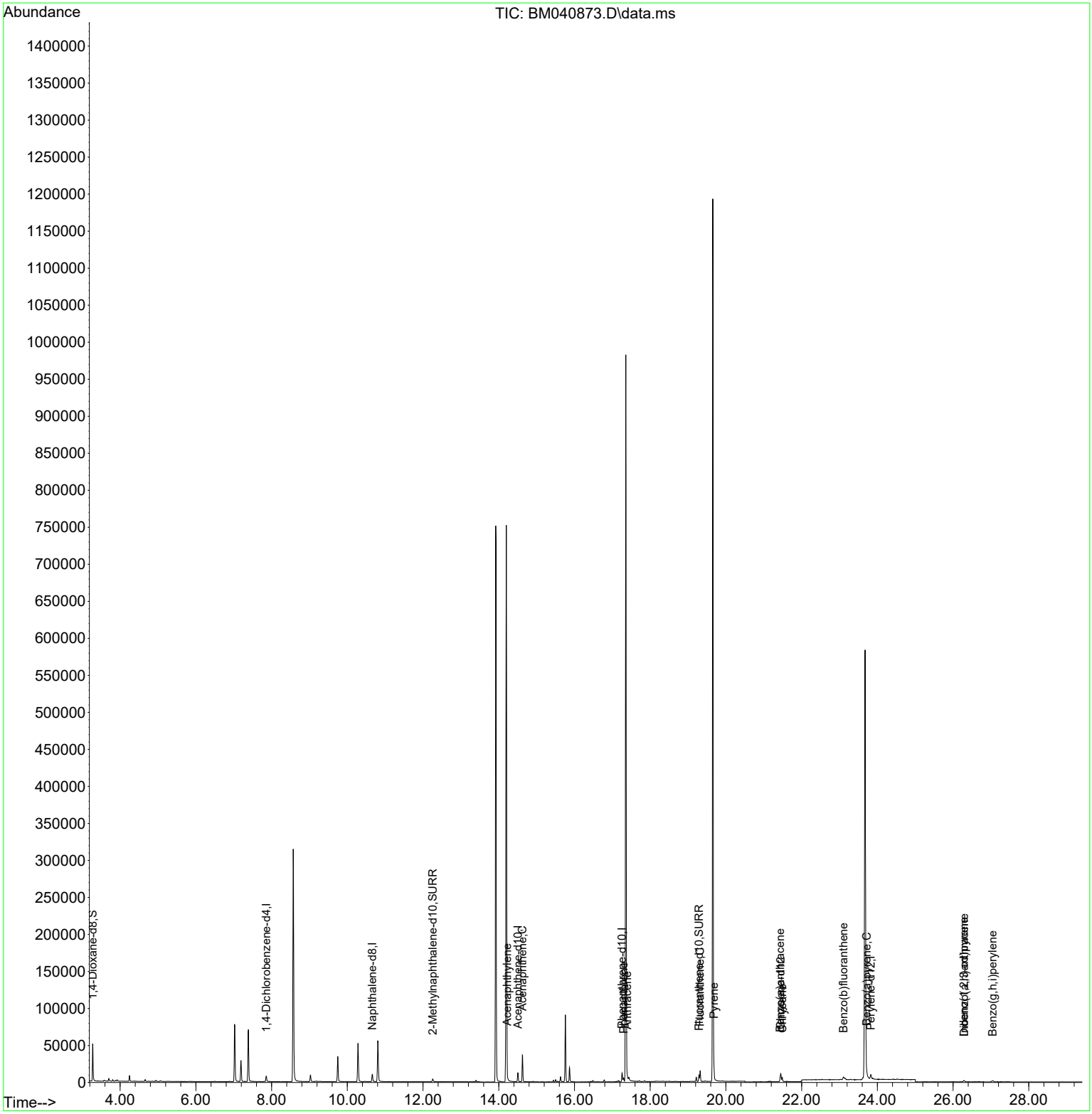
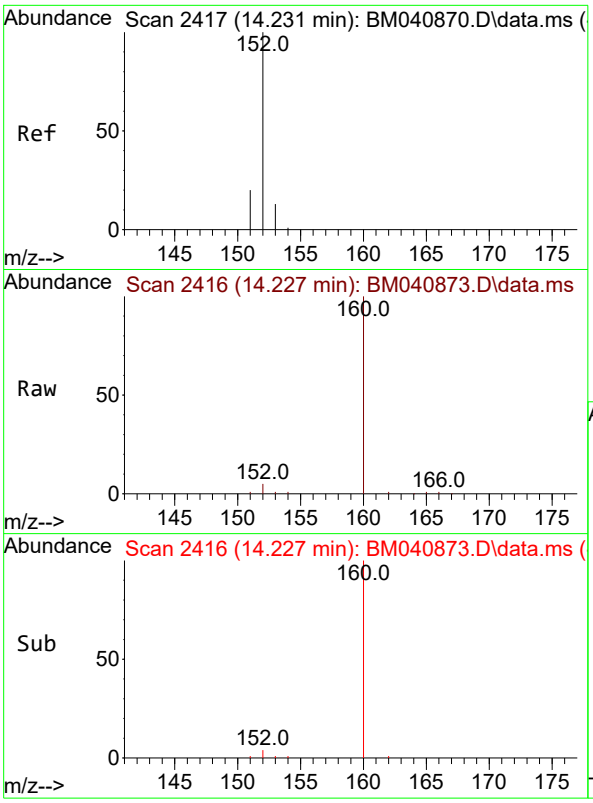
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 14 03:14:53 2023
Response via : Initial Calibration



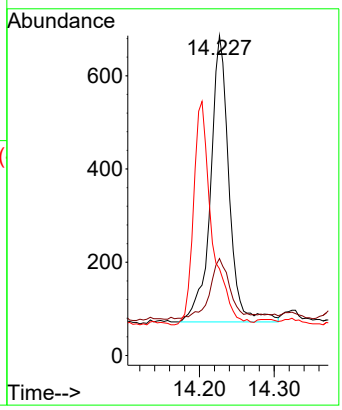


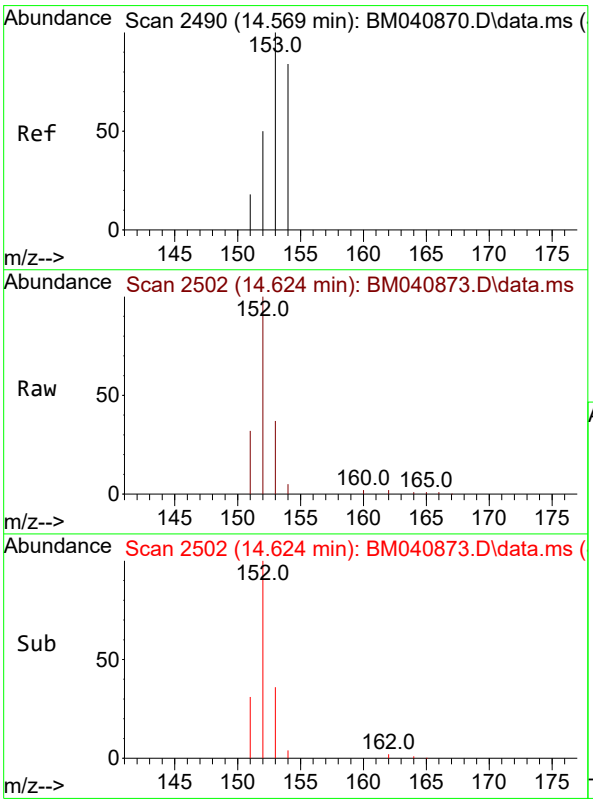
#10
Acenaphthylene
Concen: 0.036 ng/ul
RT: 14.227 min Scan# 24
Delta R.T. -0.009 min
Lab File: BM040873.D
Acq: 14 Jul 2023 11:15

Instrument :
BNA_M
ClientSampleId :
A46F4

Tgt Ion:152 Resp: 1056

Ion	Ratio	Lower	Upper
152	100		
151	30.3	16.2	24.2#
153	27.1	10.9	16.3#

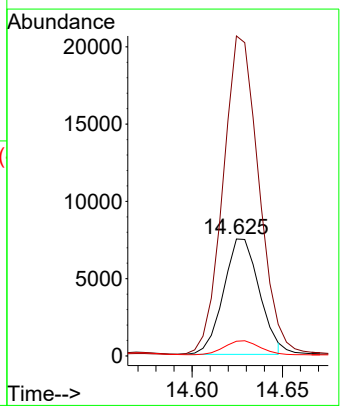


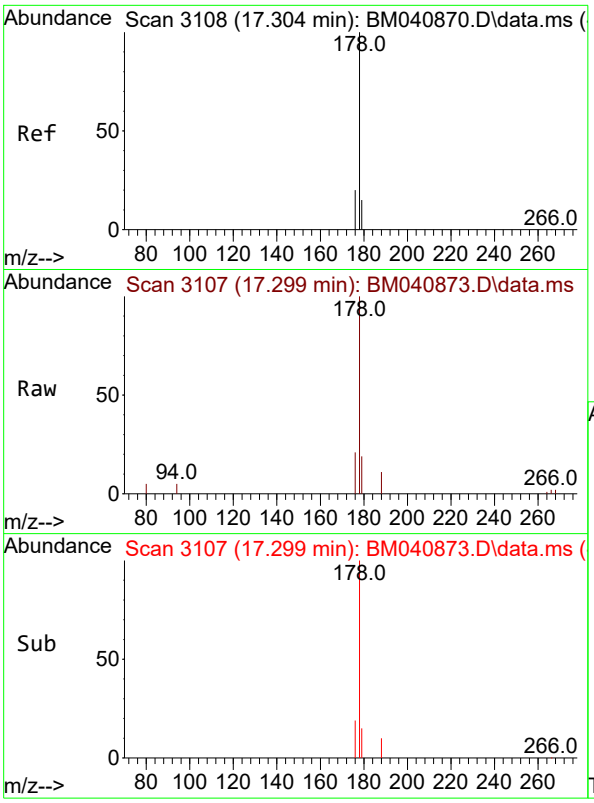


#11
Acenaphthene
Concen: 0.409 ng/ul
RT: 14.624 min Scan# 2502
Delta R.T. 0.051 min
Lab File: BM040873.D
Acq: 14 Jul 2023 11:15

Tgt Ion:153 Resp: 10227

Ion	Ratio	Lower	Upper
153	100		
152	273.4	41.0	61.4#
154	12.6	70.8	106.2#



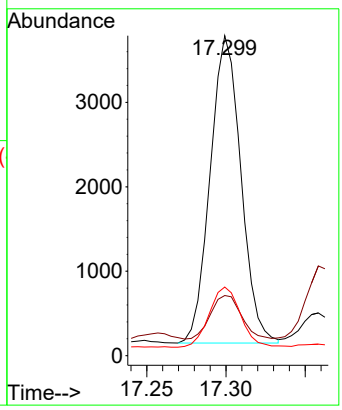


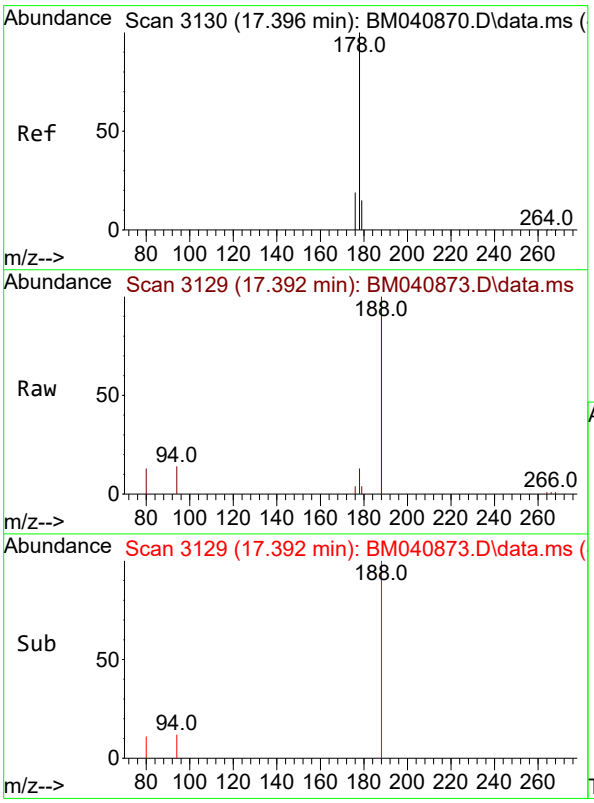
#15
Phenanthrene
Concen: 0.104 ng/ul
RT: 17.299 min Scan# 3
Delta R.T. -0.008 min
Lab File: BM040873.D
Acq: 14 Jul 2023 11:15

Instrument :
BNA_M
ClientSampleId :
A46F4

Tgt Ion:178 Resp: 4912

Ion	Ratio	Lower	Upper
178	100		
179	18.8	12.8	19.2
176	21.5	16.4	24.6

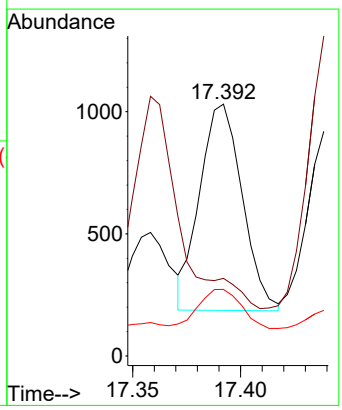


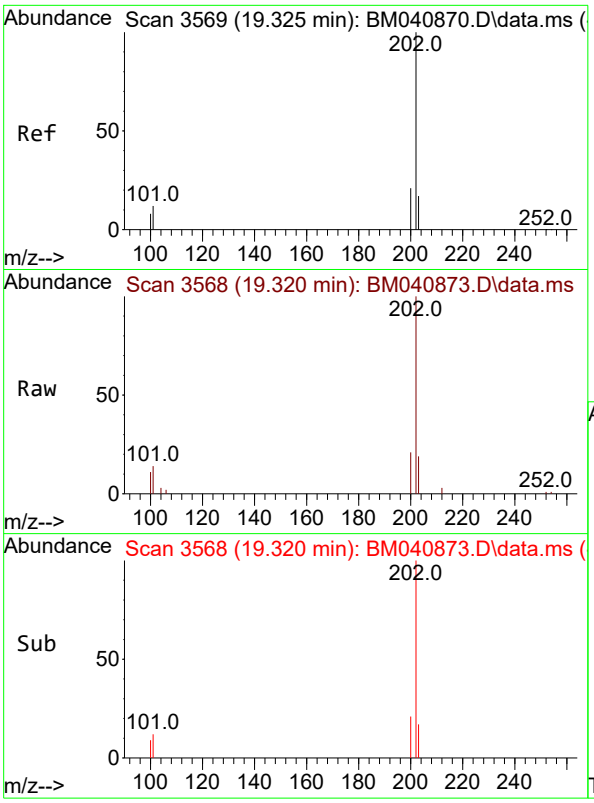


#16
Anthracene
Concen: 0.029 ng/ul
RT: 17.392 min Scan# 3129
Delta R.T. -0.008 min
Lab File: BM040873.D
Acq: 14 Jul 2023 11:15

Tgt Ion:178 Resp: 1154

Ion	Ratio	Lower	Upper
178	100		
179	30.8	12.9	19.3#
176	26.5	15.8	23.6#



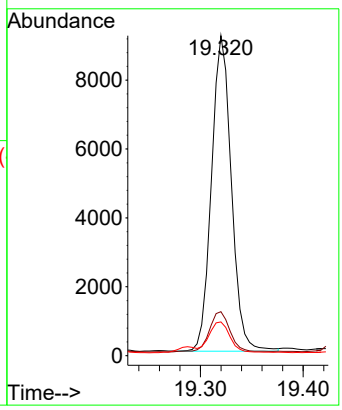


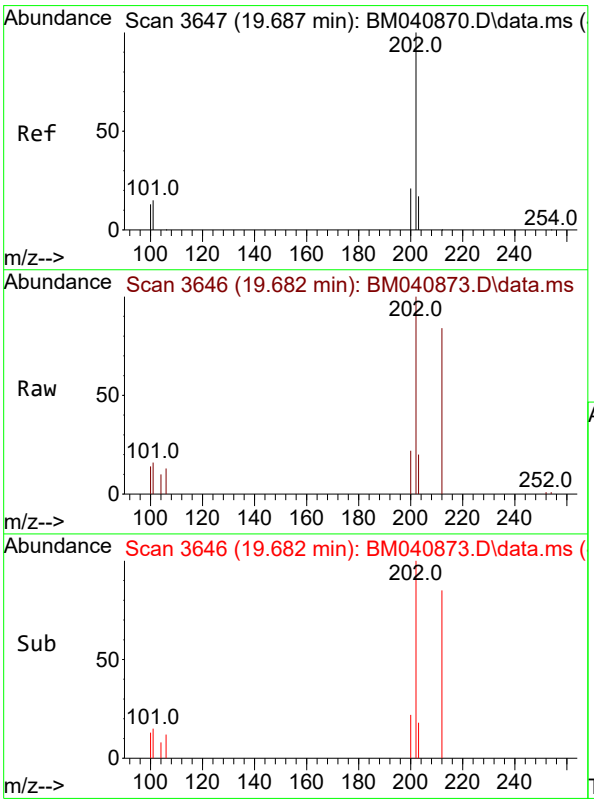
#19
Fluoranthene
Concen: 0.324 ng/ul
RT: 19.320 min Scan# 3
Delta R.T. -0.009 min
Lab File: BM040873.D
Acq: 14 Jul 2023 11:15

Instrument :
BNA_M
ClientSampleId :
A46F4

Tgt Ion:202 Resp: 12344

Ion	Ratio	Lower	Upper
202	100		
101	13.8	11.4	17.0
100	10.6	8.7	13.1

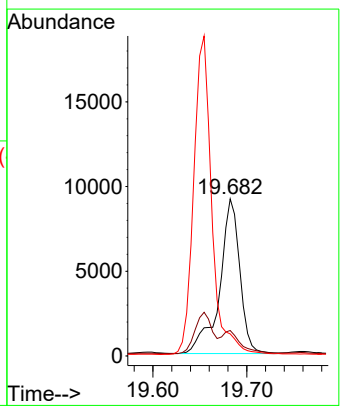


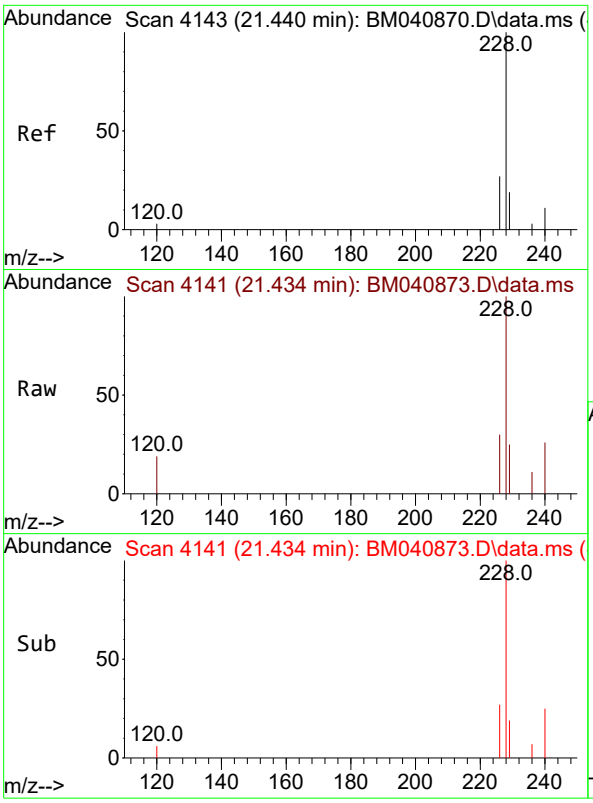


#20
Pyrene
Concen: 0.335 ng/ul
RT: 19.682 min Scan# 3646
Delta R.T. -0.009 min
Lab File: BM040873.D
Acq: 14 Jul 2023 11:15

Tgt Ion:202 Resp: 13691

Ion	Ratio	Lower	Upper
202	100		
101	16.2	12.6	18.8
100	14.1	9.8	14.6



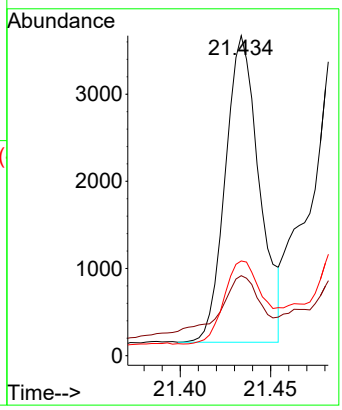


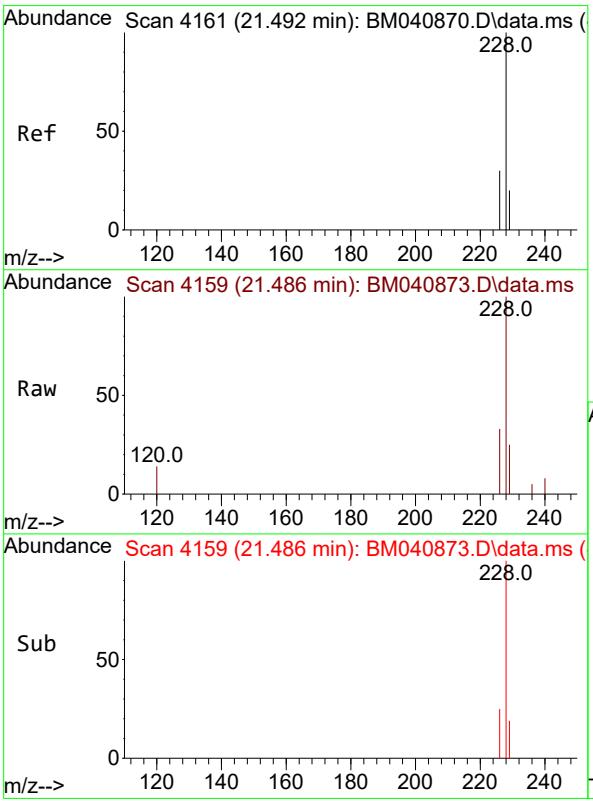
#21
Benzo(a)anthracene
Concen: 0.152 ng/ul
RT: 21.434 min Scan# 4
Delta R.T. -0.012 min
Lab File: BM040873.D
Acq: 14 Jul 2023 11:15

Instrument :
BNA_M
ClientSampleId :
A46F4

Tgt Ion:228 Resp: 4603

Ion	Ratio	Lower	Upper
228	100		
229	25.0	16.0	24.0#
226	29.6	22.3	33.5

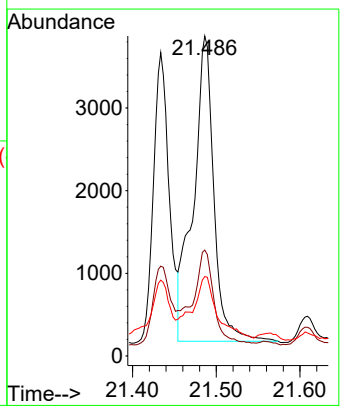


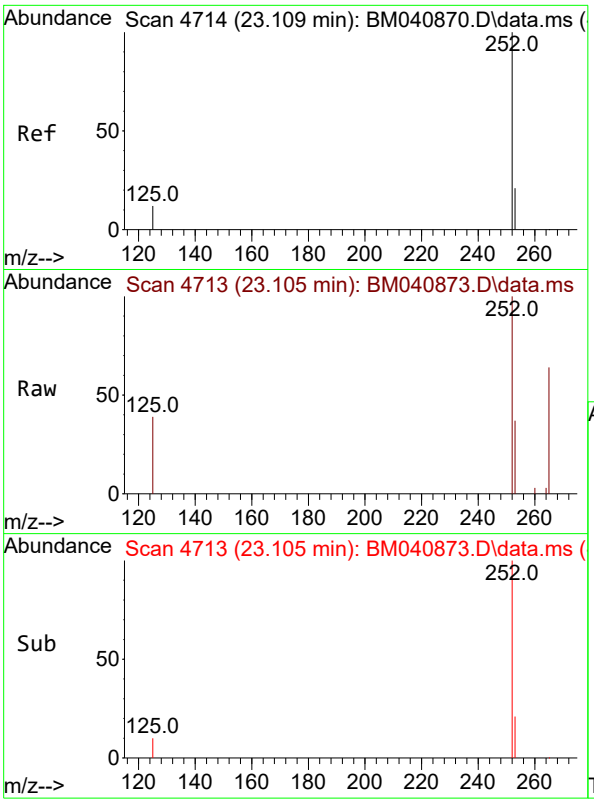


#22
Chrysene
Concen: 0.182 ng/ul
RT: 21.486 min Scan# 4159
Delta R.T. -0.012 min
Lab File: BM040873.D
Acq: 14 Jul 2023 11:15

Tgt Ion:228 Resp: 6304

Ion	Ratio	Lower	Upper
228	100		
226	33.1	24.9	37.3
229	24.8	15.8	23.6#



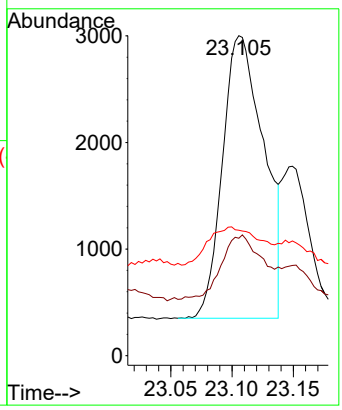


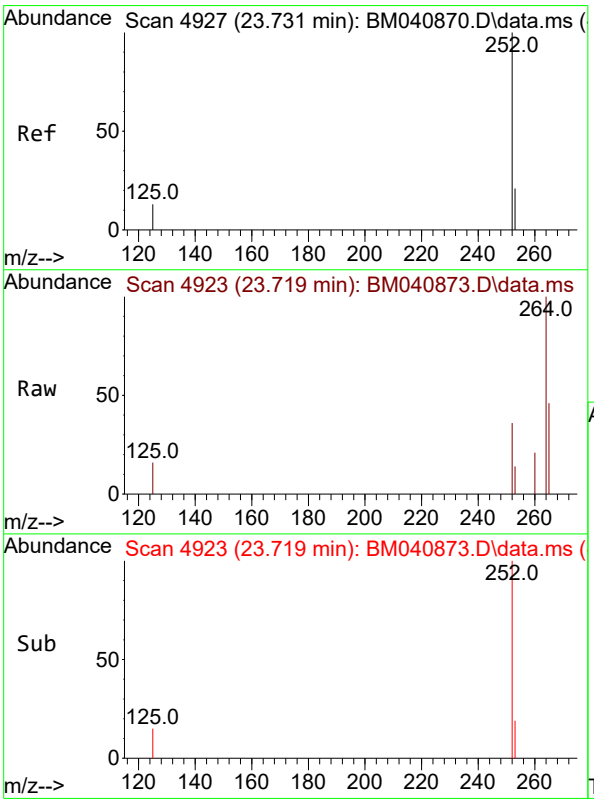
#24
Benzo(b)fluoranthene
Concen: 0.174 ng/ul
RT: 23.105 min Scan# 4
Delta R.T. -0.014 min
Lab File: BM040873.D
Acq: 14 Jul 2023 11:15

Instrument :
BNA_M
ClientSampleId :
A46F4

Tgt Ion:252 Resp: 6228

Ion	Ratio	Lower	Upper
252	100		
253	36.7	0.0	52.8
125	39.2	0.0	43.0

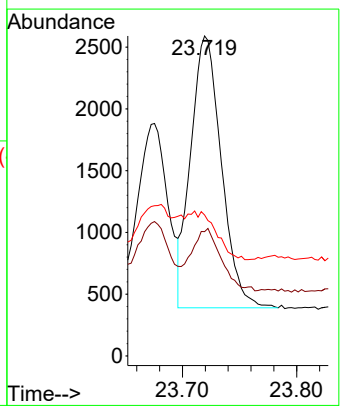


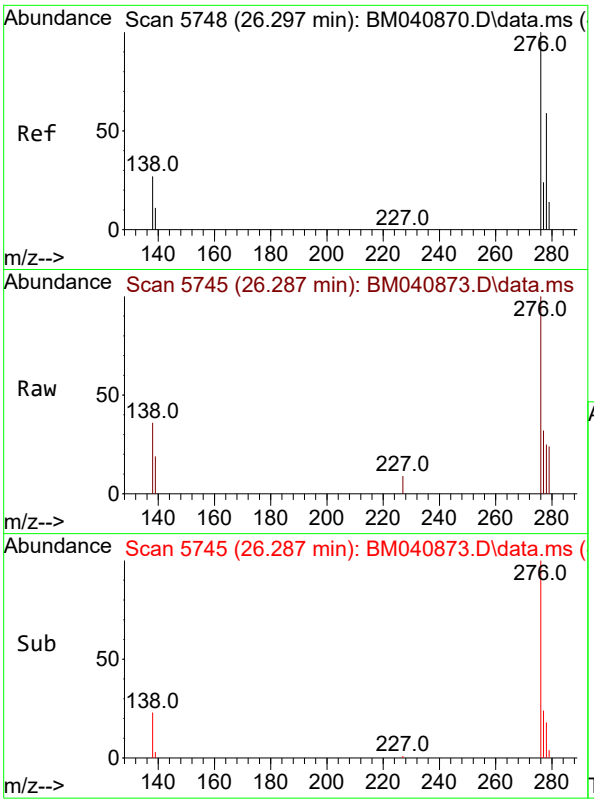


#26
Benzo(a)pyrene
Concen: 0.127 ng/ul
RT: 23.719 min Scan# 4923
Delta R.T. -0.020 min
Lab File: BM040873.D
Acq: 14 Jul 2023 11:15

Tgt Ion:252 Resp: 4104

Ion	Ratio	Lower	Upper
252	100		
253	38.8	22.9	34.3#
125	44.1	21.0	31.4#



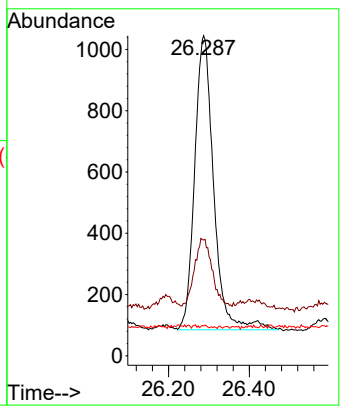


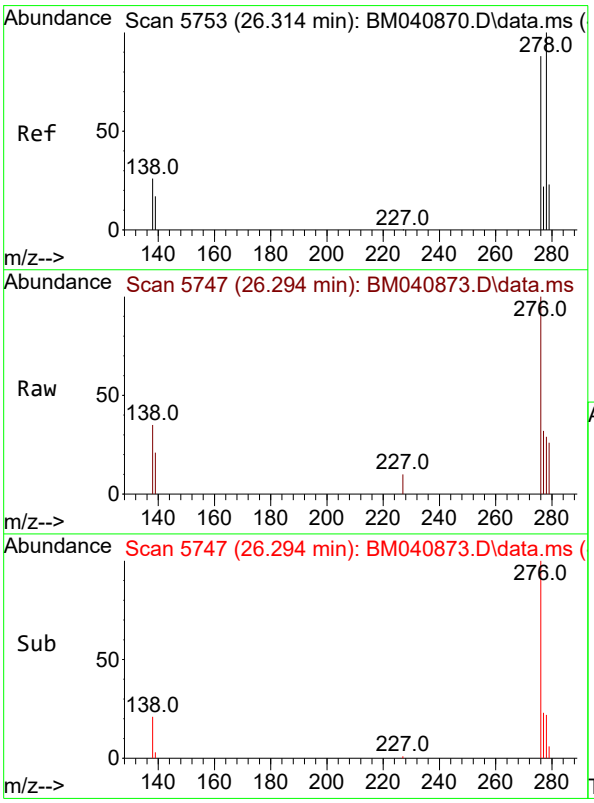
#27
Indeno(1,2,3-cd)pyrene
Concen: 0.070 ng/ul
RT: 26.287 min Scan# 5
Delta R.T. -0.020 min
Lab File: BM040873.D
Acq: 14 Jul 2023 11:15

Instrument :
BNA_M
ClientSampleId :
A46F4

Tgt Ion:276 Resp: 3131

Ion	Ratio	Lower	Upper
276	100		
138	22.2	24.5	36.7#
227	0.3	0.1	0.1#

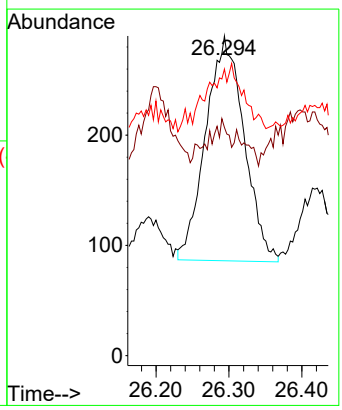


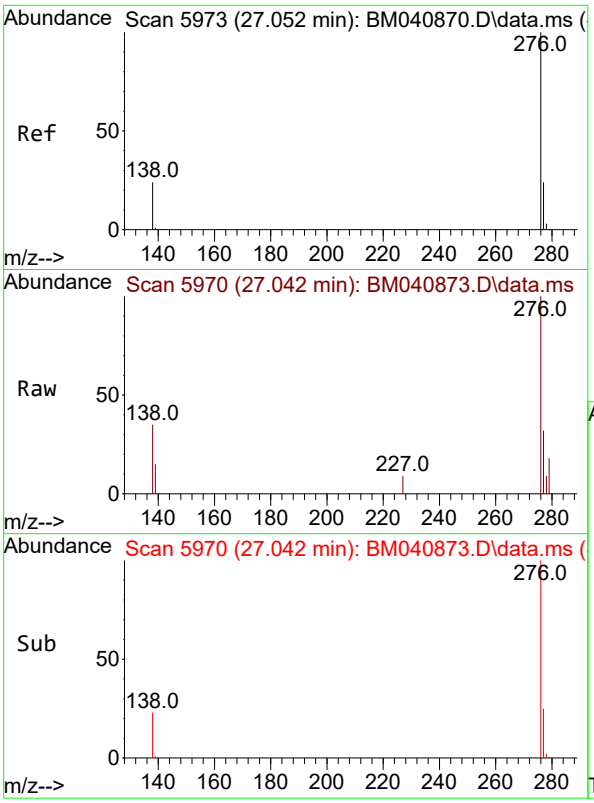


#28
Dibenzo(a,h)anthracene
Concen: 0.021 ng/ul
RT: 26.294 min Scan# 5747
Delta R.T. -0.033 min
Lab File: BM040873.D
Acq: 14 Jul 2023 11:15

Tgt Ion:278 Resp: 742

Ion	Ratio	Lower	Upper
278	100		
139	71.4	17.9	26.9#
279	89.7	22.0	33.0#





#29
Benzo(g,h,i)perylene
Concen: 0.089 ng/ul
RT: 27.042 min Scan# 5
Delta R.T. -0.027 min
Lab File: BM040873.D
Acq: 14 Jul 2023 11:15

Instrument :
BNA_M
ClientSampleId :
A46F4

Tgt Ion:276 Resp: 3522

Ion	Ratio	Lower	Upper
276	100		
138	35.2	23.0	34.6#
277	32.1	20.3	30.5#