Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050123\
Data File : BM039778.D
Acq On : 01 May 2023 15:32
Operator : CG/JU
Sample : 02374-02DL 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
CB9D6DL

Quant Time: May 02 01:25:58 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 : Sat Apr 29 04:28:45 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.800	152	3492	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.601	136	13034	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.446	164	7694	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.200	188	16264	0.400	ng/ul	0.00
17) Chrysene-d12	21.396	240	13355	0.400	ng/ul	0.00
23) Perylene-d12	23.744	264	10916	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.189	96	3568	0.693	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.228	152	788	0.047	ng/ul	0.03
18) Fluoranthene-d10	19.234	212	2011	0.056	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.650	128	793	0.024	ng/ul#	62
10) Acenaphthylene	14.169	152	1588	0.053	ng/ul#	82
11) Acenaphthene	14.511	153	1812	0.077	ng/ul	98
12) Fluorene	15.506	166	1574	0.061	ng/ul#	96
15) Phenanthrene	17.242	178	43848	1.023	ng/ul	99
16) Anthracene	17.335	178	8015	0.218	ng/ul	96
19) Fluoranthene	19.267	202	115824	2.431	ng/ul	97
20) Pyrene	19.624	202	112016	2.177	ng/ul	99
21) Benzo(a)anthracene	21.379	228	52507	1.367	ng/ul	98
22) Chrysene	21.432	228	61263	1.410	ng/ul	99
24) Benzo(b)fluoranthene	23.033	252	73685	1.922	ng/ul	95
26) Benzo(a)pyrene	23.638	252	41906	1.218	ng/ul#	89
27) Indeno(1,2,3-cd)pyrene	26.174	276	29218	0.671	ng/ul	90
28) Dibenzo(a,h)anthracene	26.177	278	6634	0.196	ng/ul#	85
29) Benzo(g,h,i)perylene	26.922	276	22911	0.604	ng/ul	99

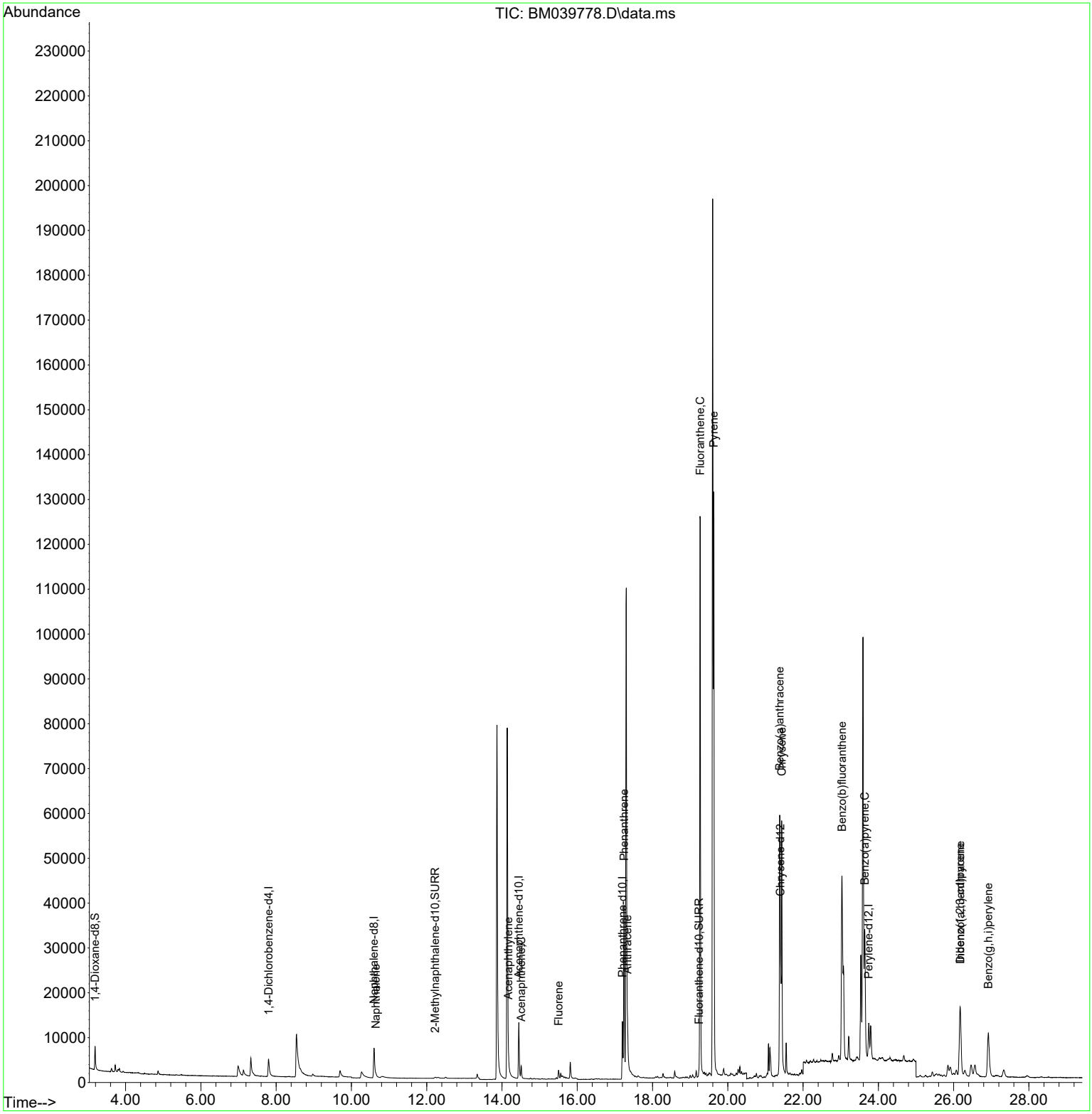
(#) = qualifier out of range (m) = manual integration (+) = signals summed

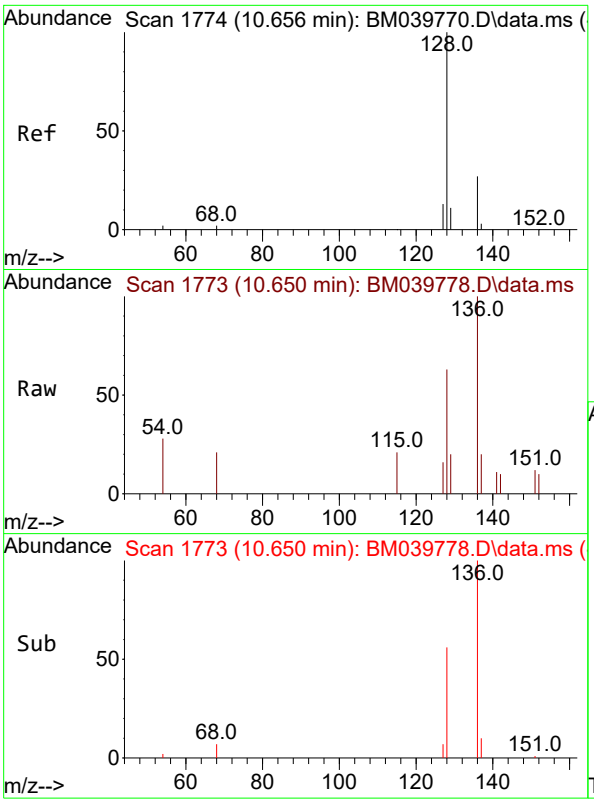
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050123\
Data File : BM039778.D
Acq On : 01 May 2023 15:32
Operator : CG/JU
Sample : 02374-02DL 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
CB9D6DL

Quant Time: May 02 01:25:58 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 : Sat Apr 29 04:28:45 2023
Response via : Initial Calibration



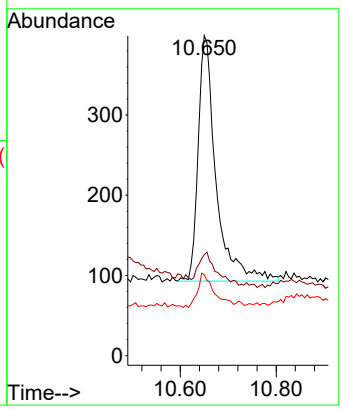


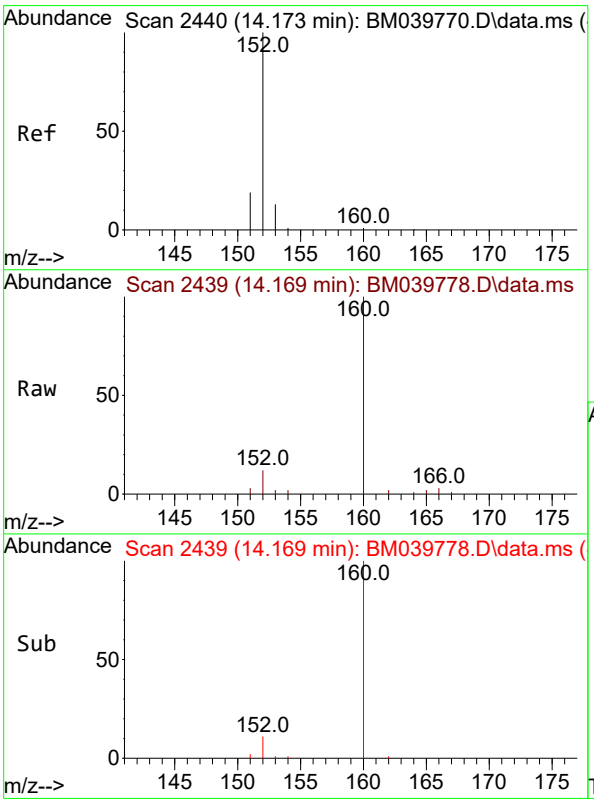
#5
Naphthalene
Concen: 0.024 ng/ul
RT: 10.650 min Scan# 1
Delta R.T. -0.005 min
Lab File: BM039778.D
Acq: 01 May 2023 15:32

Instrument :
BNA_M
ClientSampleId :
CB9D6DL

Tgt Ion:128 Resp: 793

Ion	Ratio	Lower	Upper
128	100		
129	31.6	9.8	14.6#
127	25.3	11.1	16.7#

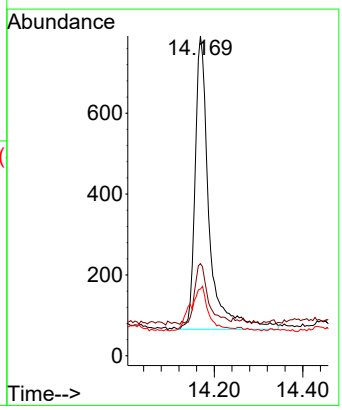


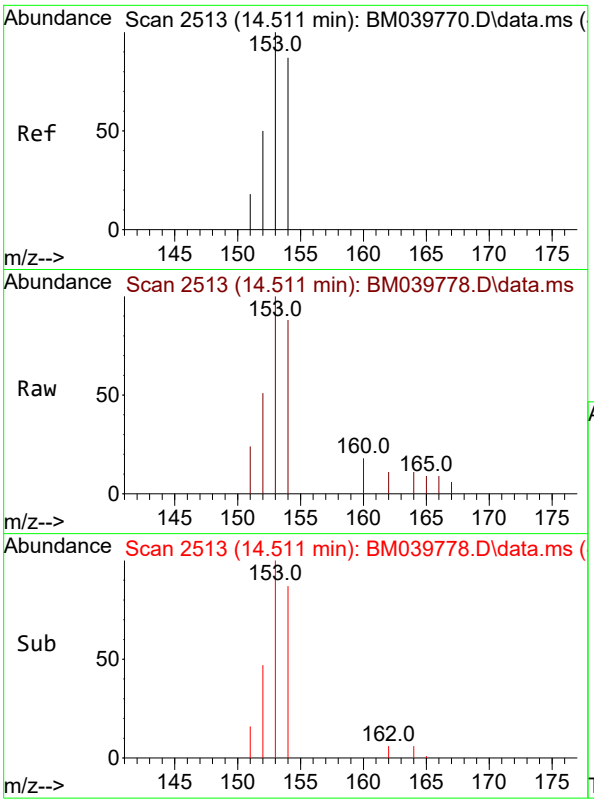


#10
Acenaphthylene
Concen: 0.053 ng/ul
RT: 14.169 min Scan# 2439
Delta R.T. -0.004 min
Lab File: BM039778.D
Acq: 01 May 2023 15:32

Tgt Ion:152 Resp: 1588

Ion	Ratio	Lower	Upper
152	100		
151	28.8	16.0	24.0#
153	20.9	11.2	16.8#



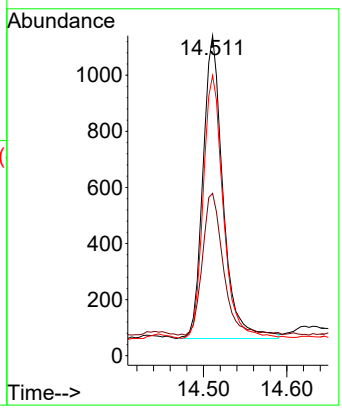


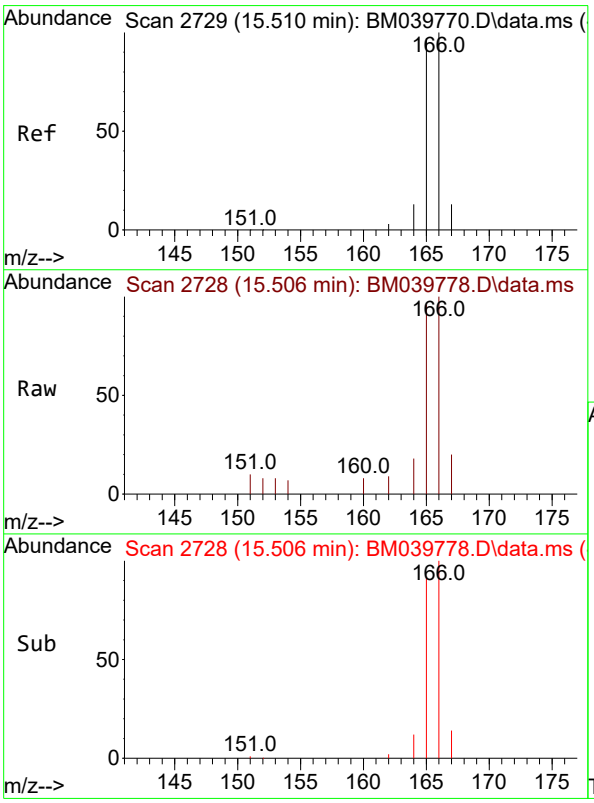
#11
Acenaphthene
Concen: 0.077 ng/ul
RT: 14.511 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM039778.D
Acq: 01 May 2023 15:32

Instrument :
BNA_M
ClientSampleId :
CB9D6DL

Tgt Ion:153 Resp: 1812

Ion	Ratio	Lower	Upper
153	100		
152	50.7	40.6	61.0
154	87.6	71.9	107.9

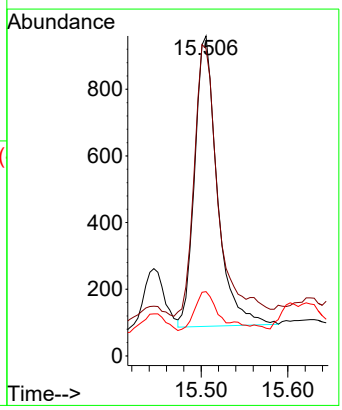


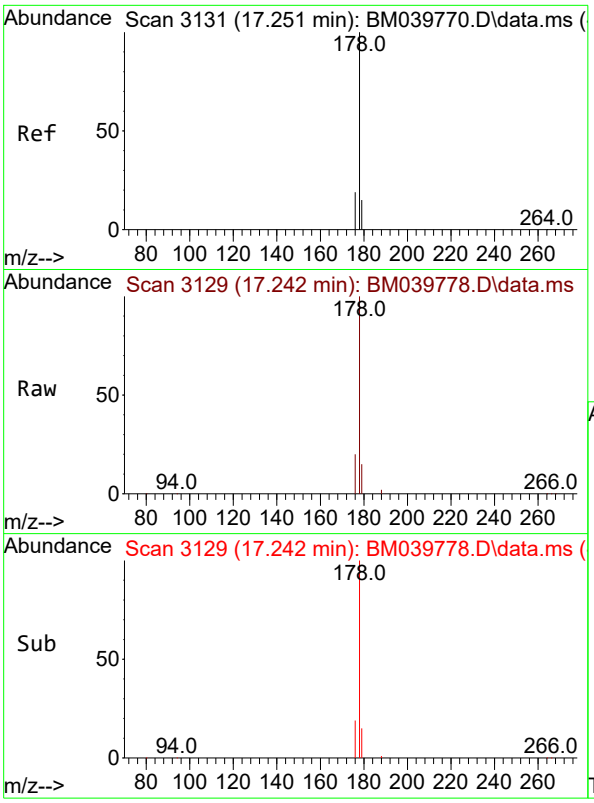


#12
Fluorene
Concen: 0.061 ng/ul
RT: 15.506 min Scan# 2728
Delta R.T. -0.004 min
Lab File: BM039778.D
Acq: 01 May 2023 15:32

Tgt Ion:166 Resp: 1574

Ion	Ratio	Lower	Upper
166	100		
165	96.0	79.0	118.6
167	20.1	11.8	17.6#



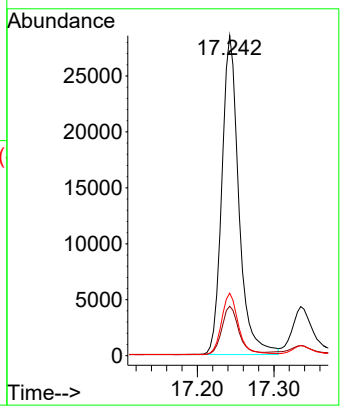


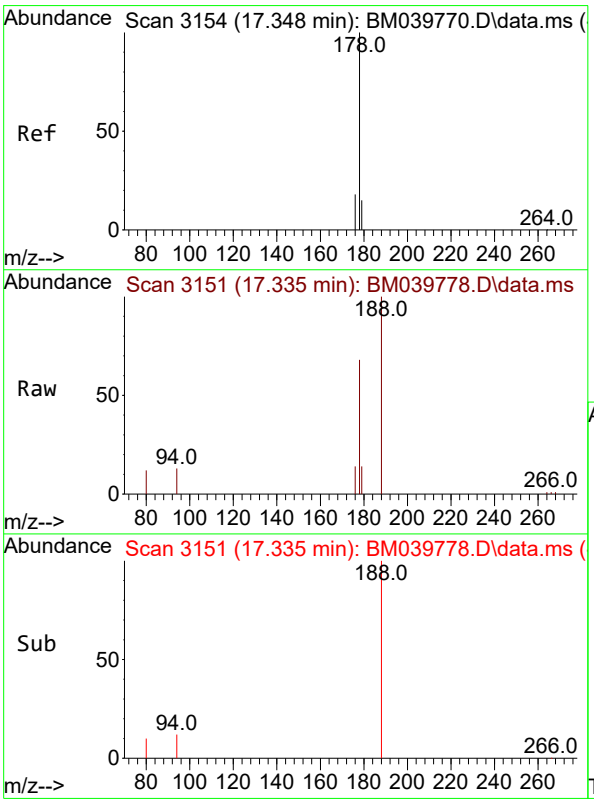
#15
Phenanthrene
Concen: 1.023 ng/ul
RT: 17.242 min Scan# 3
Delta R.T. -0.004 min
Lab File: BM039778.D
Acq: 01 May 2023 15:32

Instrument :
BNA_M
ClientSampleId :
CB9D6DL

Tgt Ion:178 Resp: 43848

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

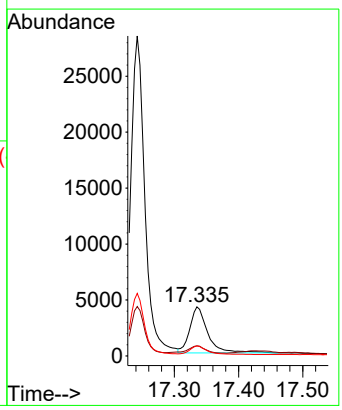


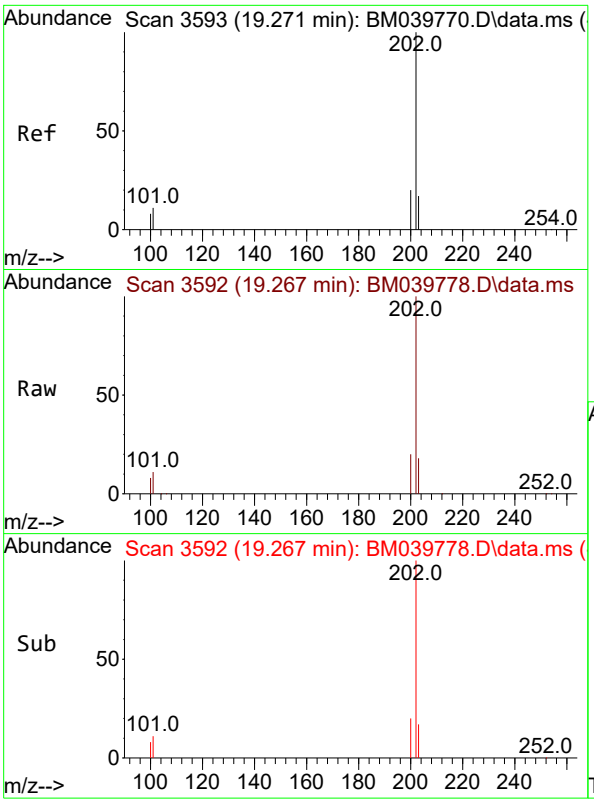


#16
Anthracene
Concen: 0.218 ng/ul
RT: 17.335 min Scan# 3151
Delta R.T. -0.008 min
Lab File: BM039778.D
Acq: 01 May 2023 15:32

Tgt Ion:178 Resp: 8015

Ion	Ratio	Lower	Upper
178	100		
179	20.5	13.8	20.6
176	20.5	15.8	23.8



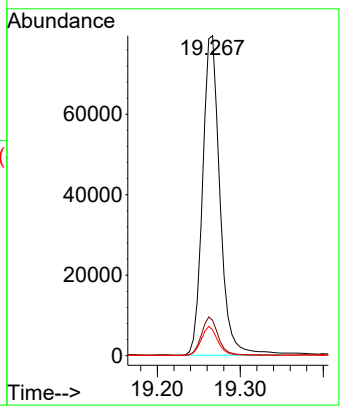


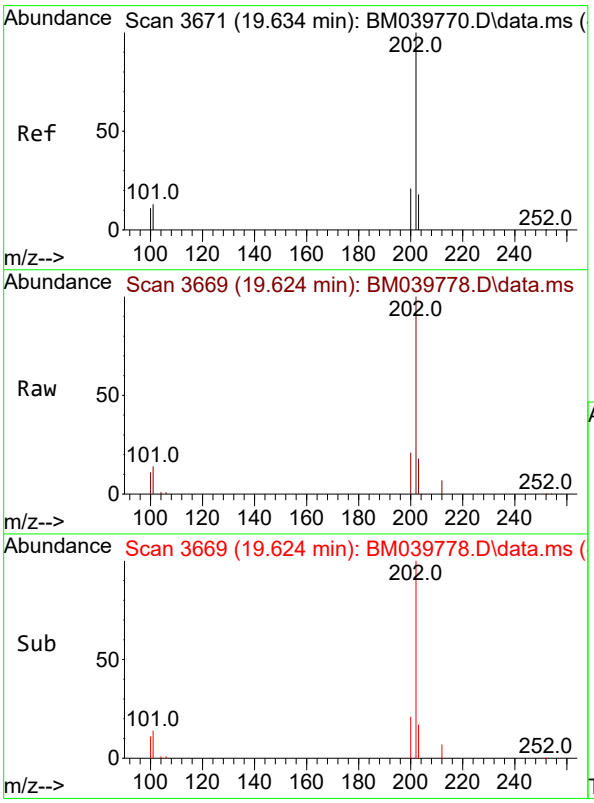
#19
Fluoranthene
Concen: 2.431 ng/ul
RT: 19.267 min Scan# 3
Delta R.T. 0.000 min
Lab File: BM039778.D
Acq: 01 May 2023 15:32

Instrument :
BNA_M
ClientSampleId :
CB9D6DL

Tgt Ion:202 Resp: 115824

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

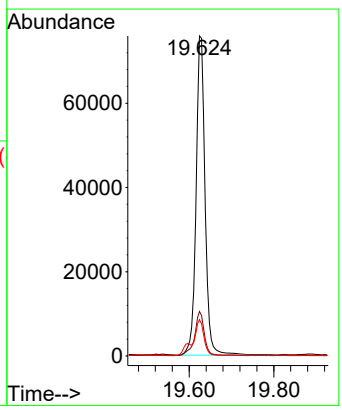


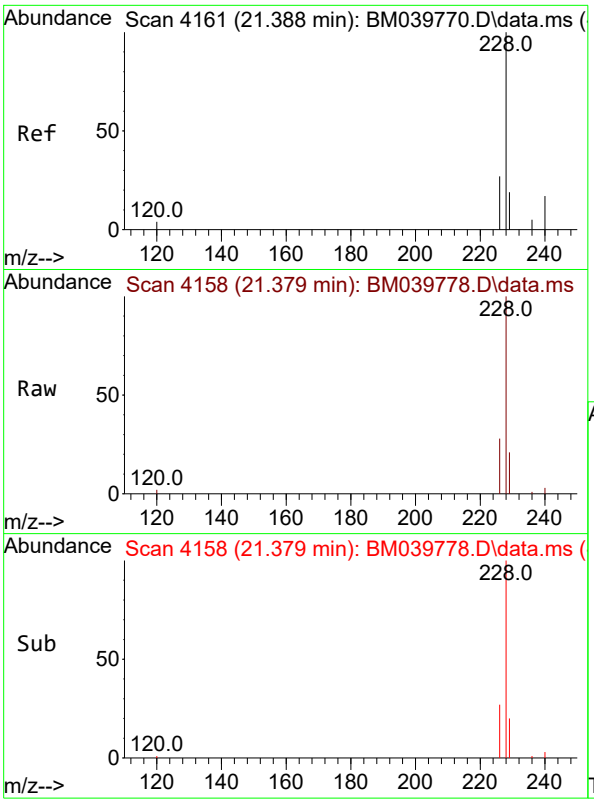


#20
Pyrene
Concen: 2.177 ng/ul
RT: 19.624 min Scan# 3669
Delta R.T. -0.009 min
Lab File: BM039778.D
Acq: 01 May 2023 15:32

Tgt Ion:202 Resp: 112016

Ion	Ratio	Lower	Upper
202	100		
101	13.9	10.9	16.3
100	11.4	8.9	13.3



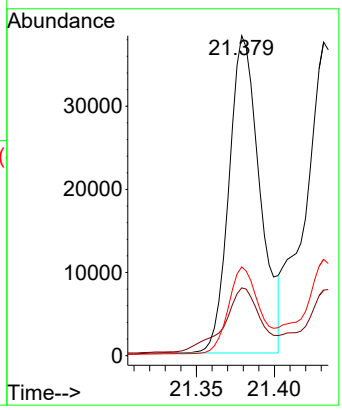


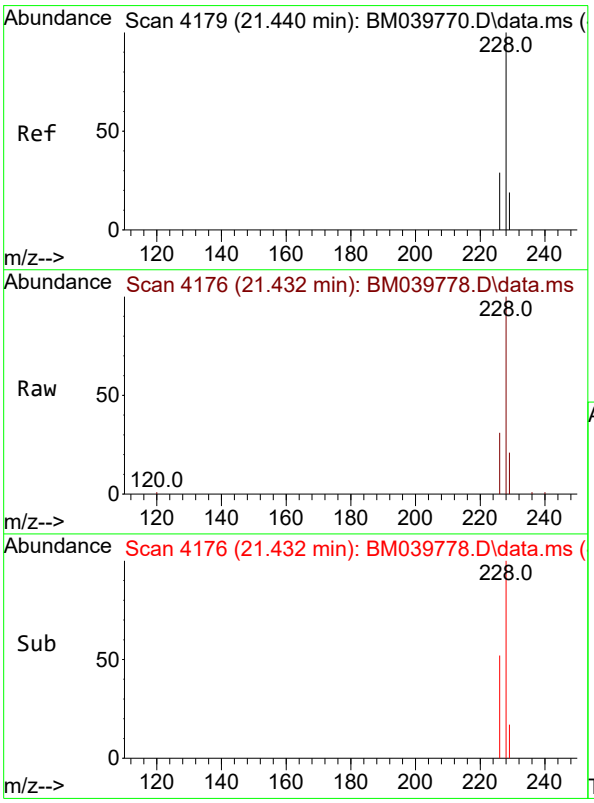
#21
Benzo(a)anthracene
Concen: 1.367 ng/ul
RT: 21.379 min Scan# 4
Delta R.T. -0.004 min
Lab File: BM039778.D
Acq: 01 May 2023 15:32

Instrument :
BNA_M
ClientSampleId :
CB9D6DL

Tgt Ion:228 Resp: 52507

Ion	Ratio	Lower	Upper
228	100		
229	21.2	16.2	24.2
226	27.7	21.6	32.4

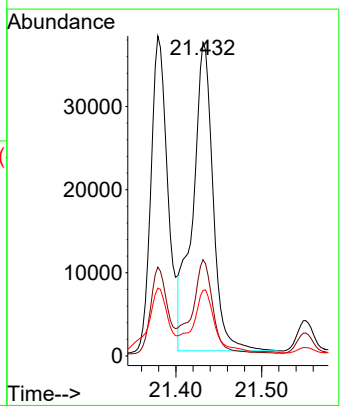


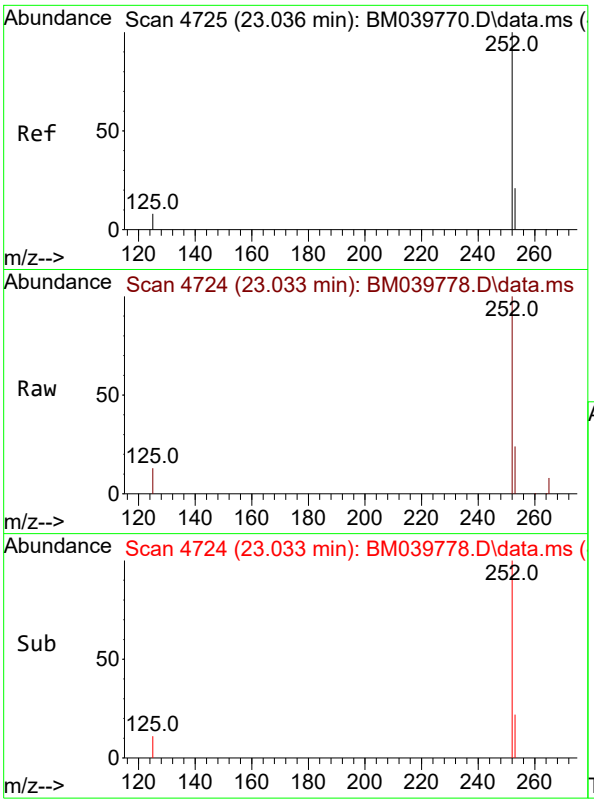


#22
Chrysene
Concen: 1.410 ng/ul
RT: 21.432 min Scan# 4176
Delta R.T. -0.004 min
Lab File: BM039778.D
Acq: 01 May 2023 15:32

Tgt Ion:228 Resp: 61263

Ion	Ratio	Lower	Upper
228	100		
226	30.7	24.3	36.5
229	20.9	15.9	23.9



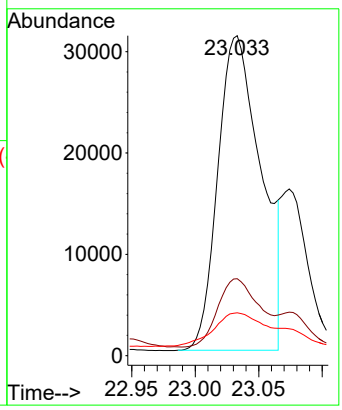


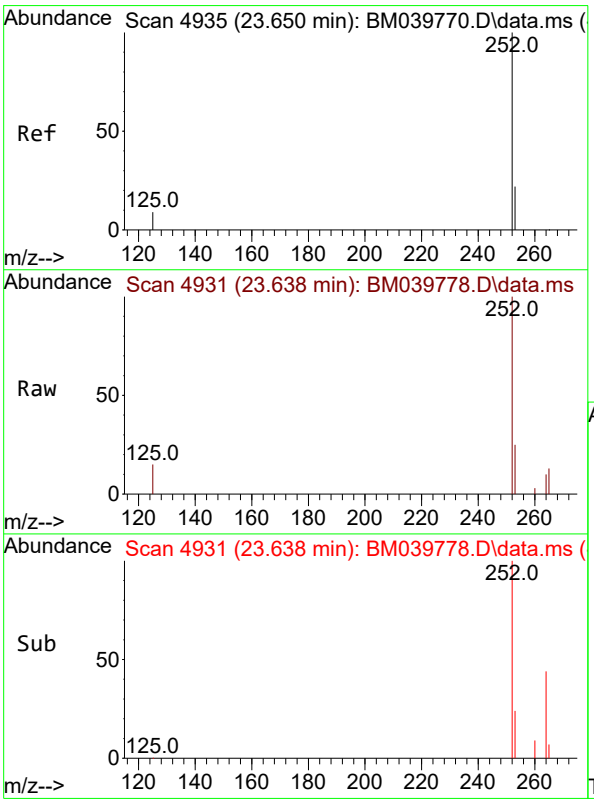
#24
Benzo(b)fluoranthene
Concen: 1.922 ng/ul
RT: 23.033 min Scan# 4
Delta R.T. 0.001 min
Lab File: BM039778.D
Acq: 01 May 2023 15:32

Instrument :
BNA_M
ClientSampleId :
CB9D6DL

Tgt Ion:252 Resp: 73685

Ion	Ratio	Lower	Upper
252	100		
253	24.0	0.0	52.8
125	13.4	0.0	31.6

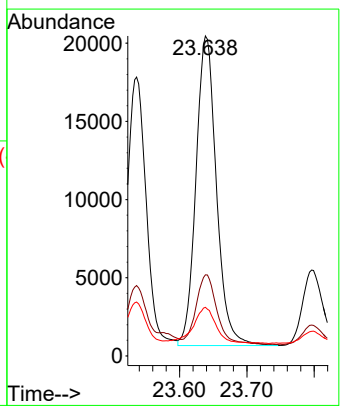


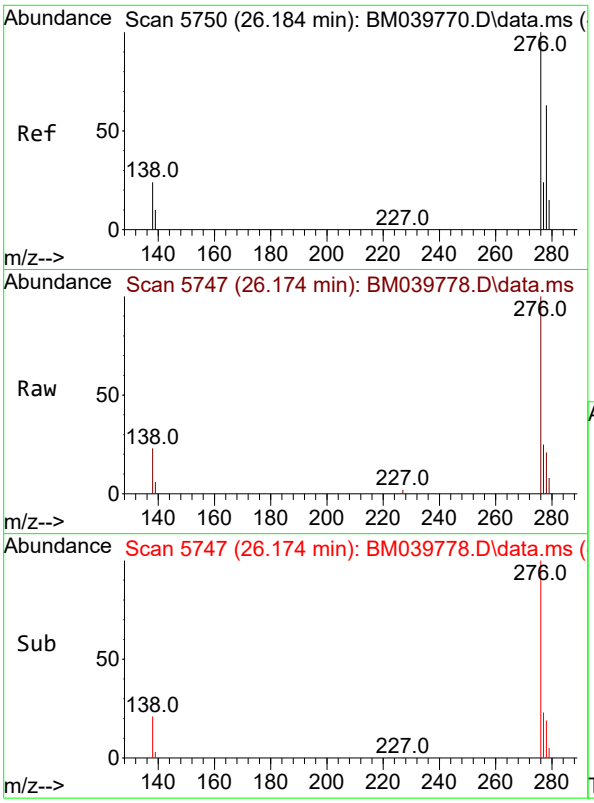


#26
Benzo(a)pyrene
Concen: 1.218 ng/ul
RT: 23.638 min Scan# 4931
Delta R.T. -0.004 min
Lab File: BM039778.D
Acq: 01 May 2023 15:32

Tgt Ion:252 Resp: 41906

Ion	Ratio	Lower	Upper
252	100		
253	25.3	24.7	37.1
125	15.2	16.5	24.7#



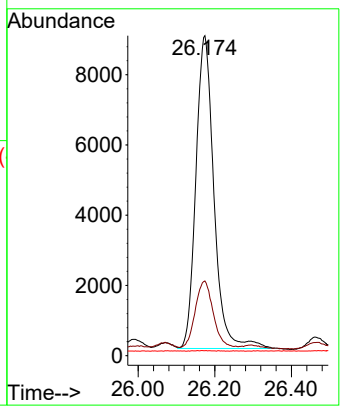


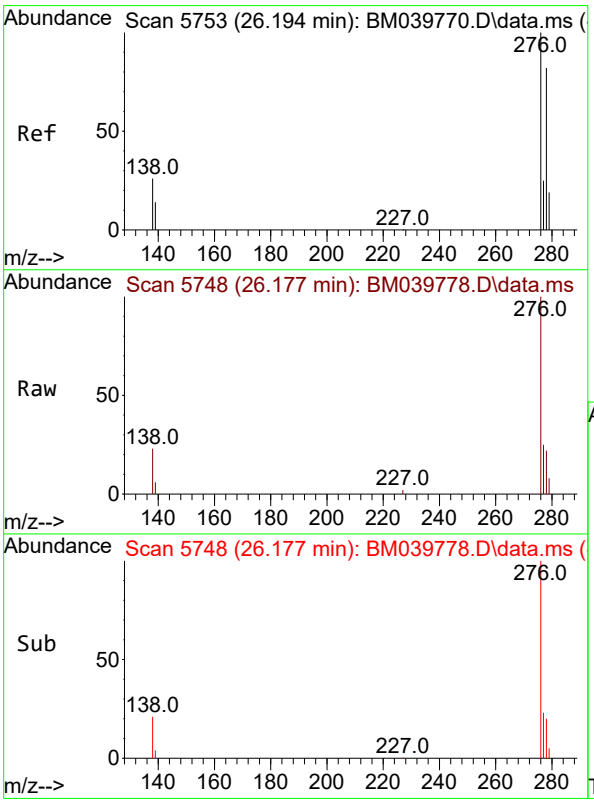
#27
Indeno(1,2,3-cd)pyrene
Concen: 0.671 ng/ul
RT: 26.174 min Scan# 5
Delta R.T. -0.005 min
Lab File: BM039778.D
Acq: 01 May 2023 15:32

Instrument :
BNA_M
ClientSampleId :
CB9D6DL

Tgt Ion:276 Resp: 29218

Ion	Ratio	Lower	Upper
276	100		
138	21.4	21.1	31.7
227	0.1	0.1	0.1

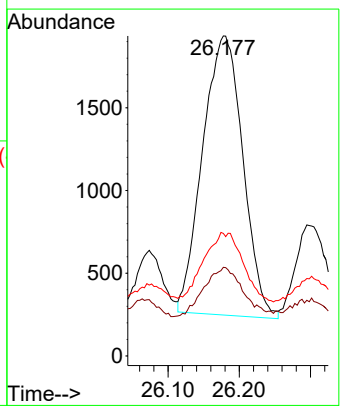


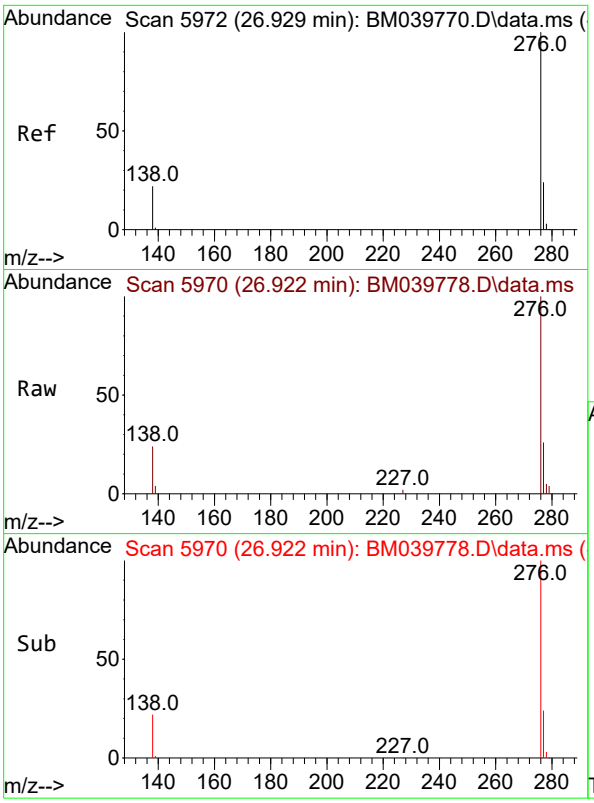


#28
Dibenzo(a,h)anthracene
Concen: 0.196 ng/ul
RT: 26.177 min Scan# 5748
Delta R.T. -0.012 min
Lab File: BM039778.D
Acq: 01 May 2023 15:32

Tgt Ion:278 Resp: 6634

Ion	Ratio	Lower	Upper
278	100		
139	27.7	17.0	25.6#
279	38.3	23.4	35.2#





#29
Benzo(g,h,i)perylene
Concen: 0.604 ng/ul
RT: 26.922 min Scan# 5
Delta R.T. 0.002 min
Lab File: BM039778.D
Acq: 01 May 2023 15:32

Instrument :
BNA_M
ClientSampleId :
CB9D6DL

Tgt Ion:276 Resp: 22911

Ion	Ratio	Lower	Upper
276	100		
138	24.4	20.1	30.1
277	25.7	20.1	30.1