Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112723\
Data File : BM043054.D
Acq On : 27 Nov 2023 18:12
Operator : MA/JU
Sample : 05336-02DL 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCKB9DL

Quant Time: Nov 28 00:22:57 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM112423.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 27 02:36:19 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.817	152	637	0.400	ng/ul	#-0.06
4) Naphthalene-d8	10.611	136	2043	0.400	ng/ul	#-0.04
9) Acenaphthene-d10	14.450	164	1298	0.400	ng/ul	-0.02
13) Phenanthrene-d10	17.212	188	3038	0.400	ng/ul	-0.03
17) Chrysene-d12	21.412	240	1817	0.400	ng/ul	-0.01
23) Perylene-d12	23.762	264	2459	0.400	ng/ul	#-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.164	96	456	0.467	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.216	152	255	0.093	ng/ul	-0.03
18) Fluoranthene-d10	19.242	212	697	0.105	ng/ul	-0.02
Target Compounds						Qvalue
5) Naphthalene	10.660	128	6559	1.181	ng/ul#	85
7) 2-Methylnaphthalene	12.288	142	156	0.048	ng/ul	86
8) 1-Methylnaphthalene	12.497	142	1249	0.342	ng/ul	99
10) Acenaphthylene	14.177	152	995	0.150	ng/ul	96
11) Acenaphthene	14.510	153	47831	9.530	ng/ul	95
12) Fluorene	15.505	166	14278	2.770	ng/ul#	99
15) Phenanthrene	17.250	178	259	0.030	ng/ul#	52
16) Anthracene	17.343	178	345	0.042	ng/ul#	61
19) Fluoranthene	19.275	202	698	0.068	ng/ul#	80
20) Pyrene	19.633	202	356	0.032	ng/ul#	42

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

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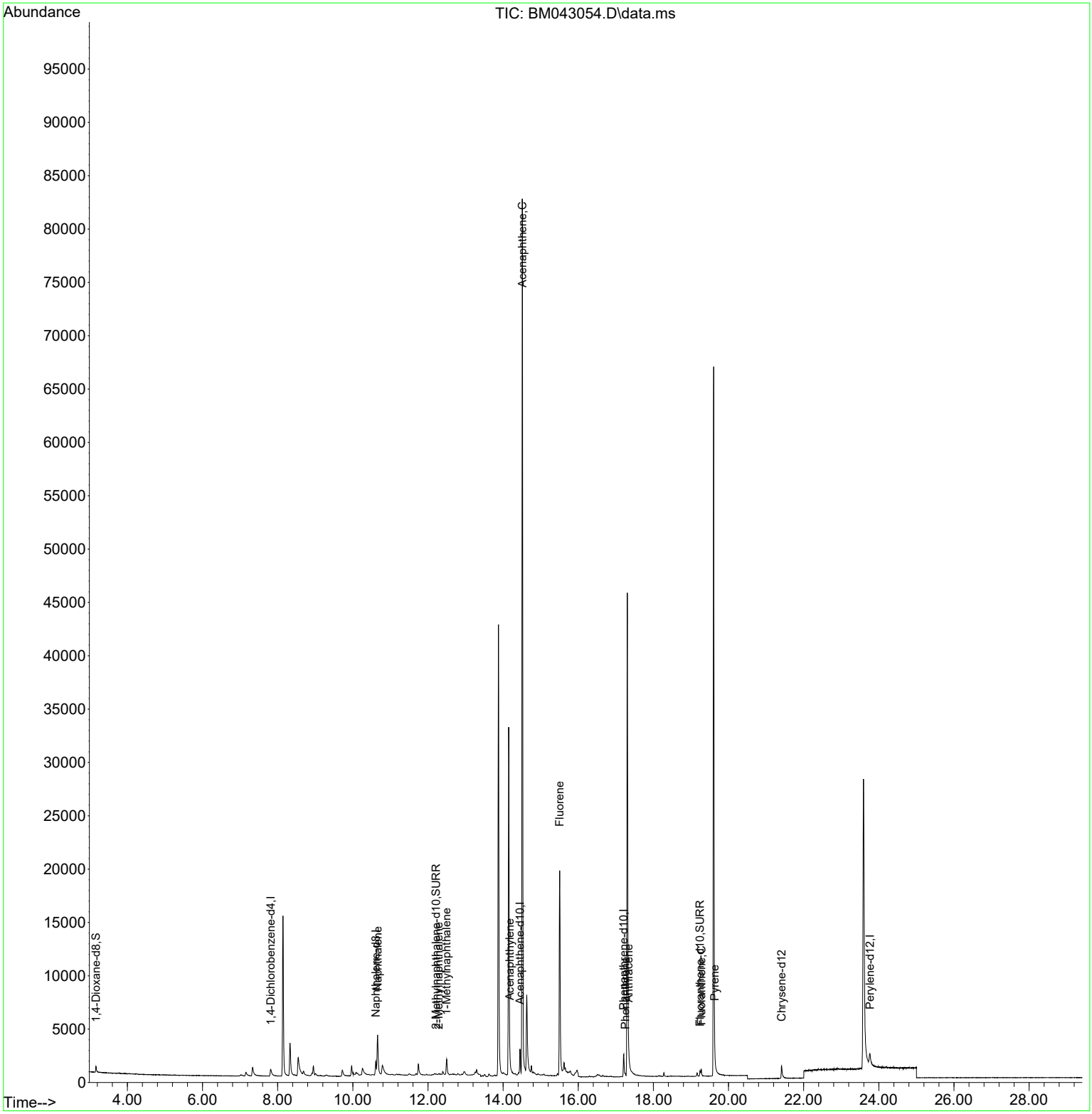
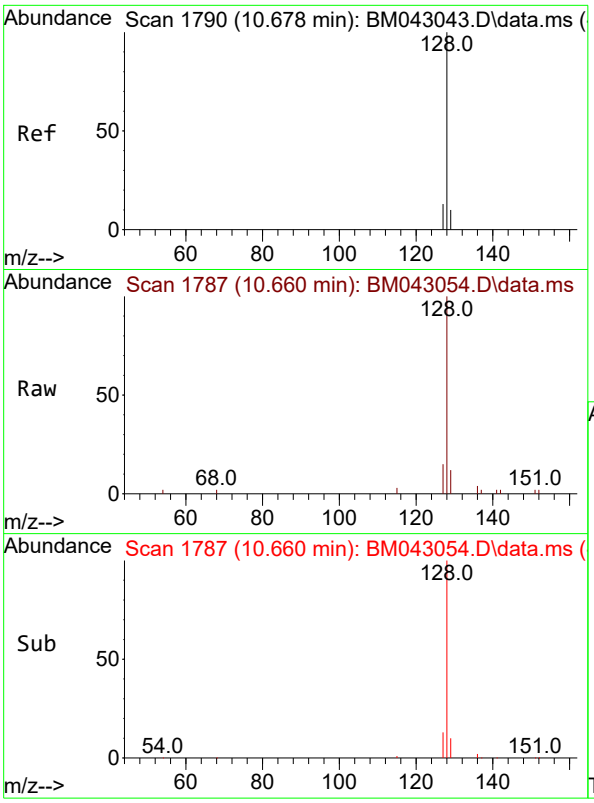


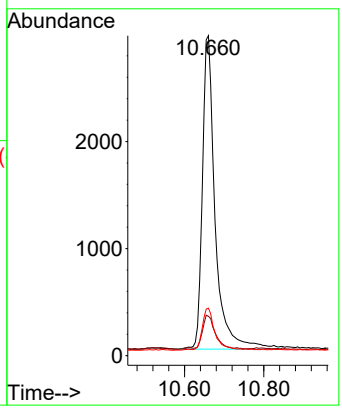


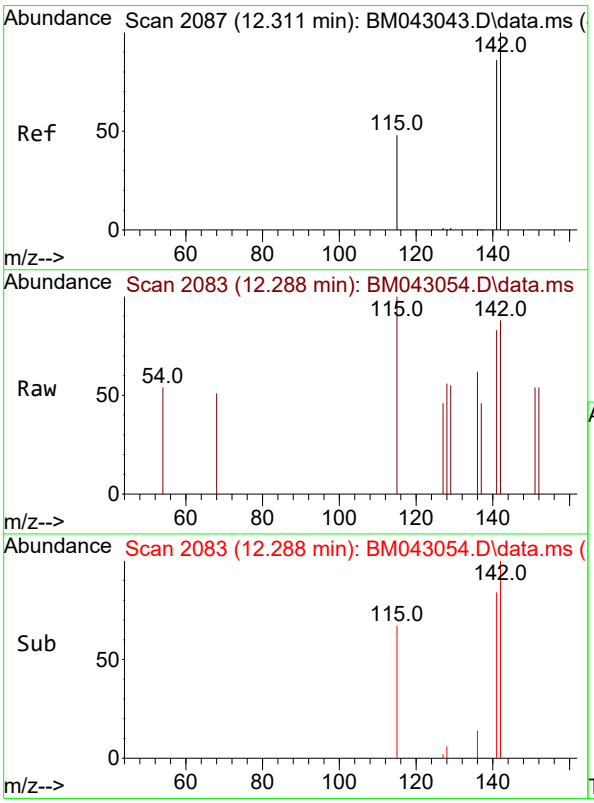
#5
Naphthalene
Concen: 1.181 ng/ul
RT: 10.660 min Scan# 1
Delta R.T. -0.038 min
Lab File: BM043054.D
Acq: 27 Nov 2023 18:12

Instrument :
BNA_M
ClientSampleId :
DCKB9DL

Tgt Ion:128 Resp: 6559

Ion	Ratio	Lower	Upper
128	100		
129	12.3	16.0	24.0#
127	14.8	16.5	24.7#

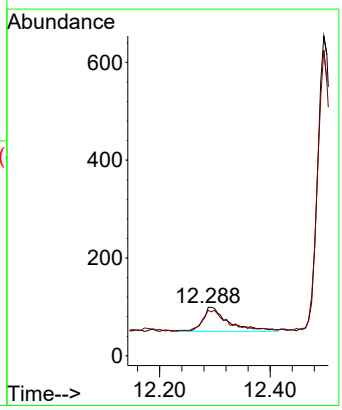


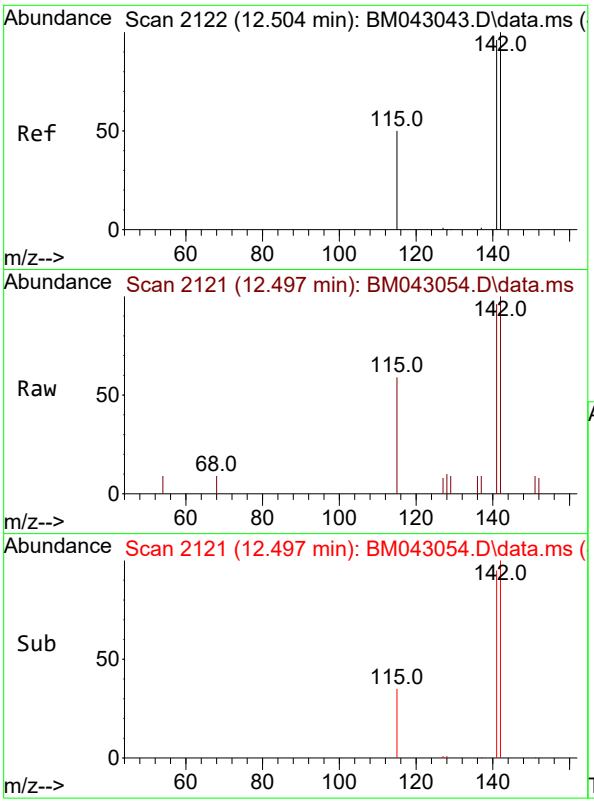


#7
2-Methylnaphthalene
Concen: 0.048 ng/ul
RT: 12.288 min Scan# 2083
Delta R.T. -0.044 min
Lab File: BM043054.D
Acq: 27 Nov 2023 18:12

Tgt Ion:142 Resp: 156

Ion	Ratio	Lower	Upper
142	100		
141	81.4	76.1	114.1



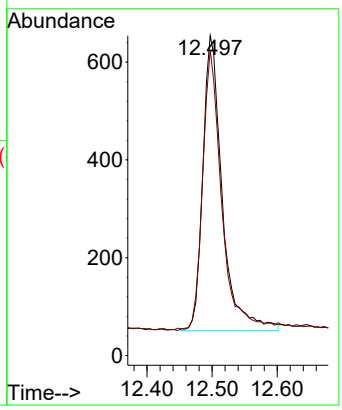


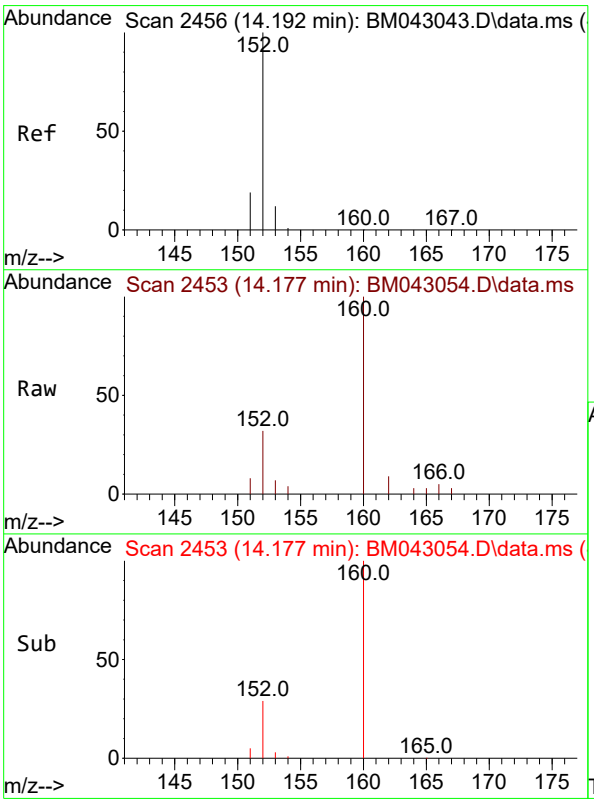
#8
1-Methylnaphthalene
Concen: 0.342 ng/ul
RT: 12.497 min Scan# 21
Delta R.T. -0.022 min
Lab File: BM043054.D
Acq: 27 Nov 2023 18:12

Instrument :
BNA_M
ClientSampleId :
DCKB9DL

Tgt Ion:142 Resp: 1249

Ion	Ratio	Lower	Upper
142	100		
141	93.0	73.8	110.8

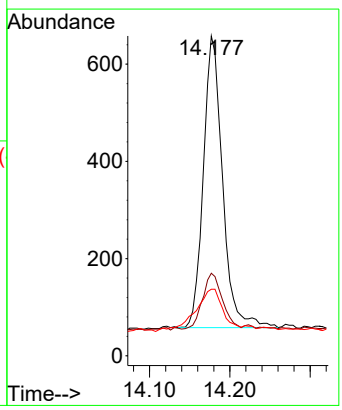


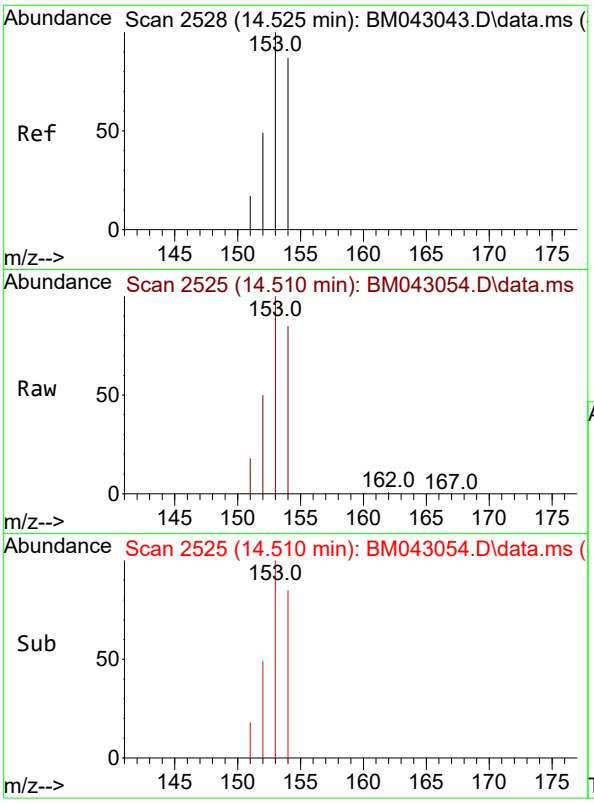


#10
Acenaphthylene
Concen: 0.150 ng/ul
RT: 14.177 min Scan# 2453
Delta R.T. -0.028 min
Lab File: BM043054.D
Acq: 27 Nov 2023 18:12

Tgt Ion:152 Resp: 995

Ion	Ratio	Lower	Upper
152	100		
151	25.8	19.4	29.0
153	20.8	14.6	21.8



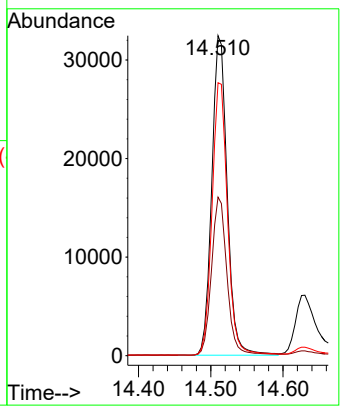


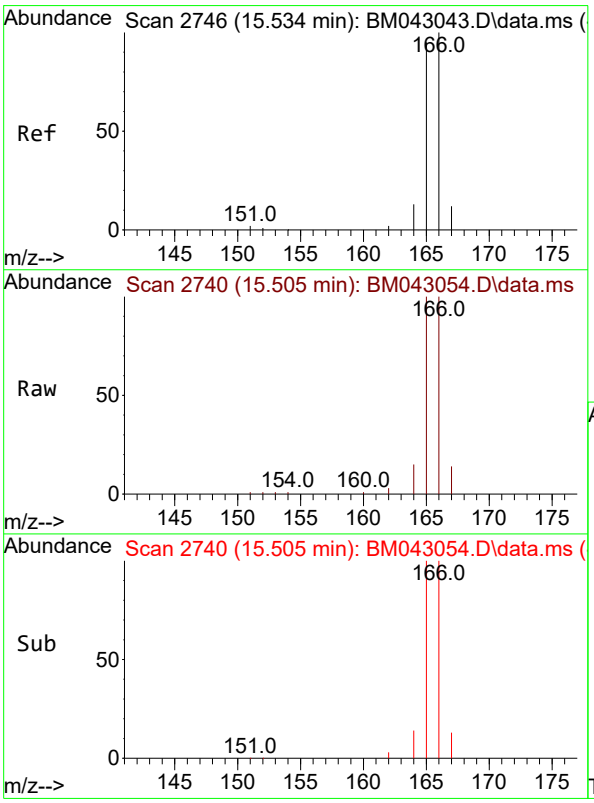
#11
Acenaphthene
Concen: 9.530 ng/ul
RT: 14.510 min Scan# 2
Delta R.T. -0.023 min
Lab File: BM043054.D
Acq: 27 Nov 2023 18:12

Instrument :
BNA_M
ClientSampleId :
DCKB9DL

Tgt Ion:153 Resp: 47831

Ion	Ratio	Lower	Upper
153	100		
152	49.5	43.9	65.9
154	85.3	70.6	105.8

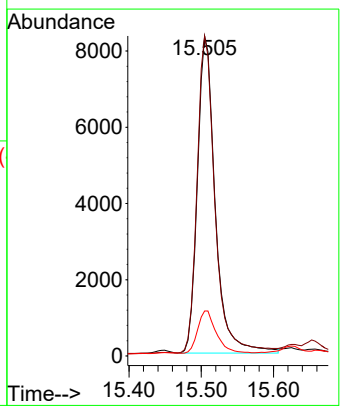


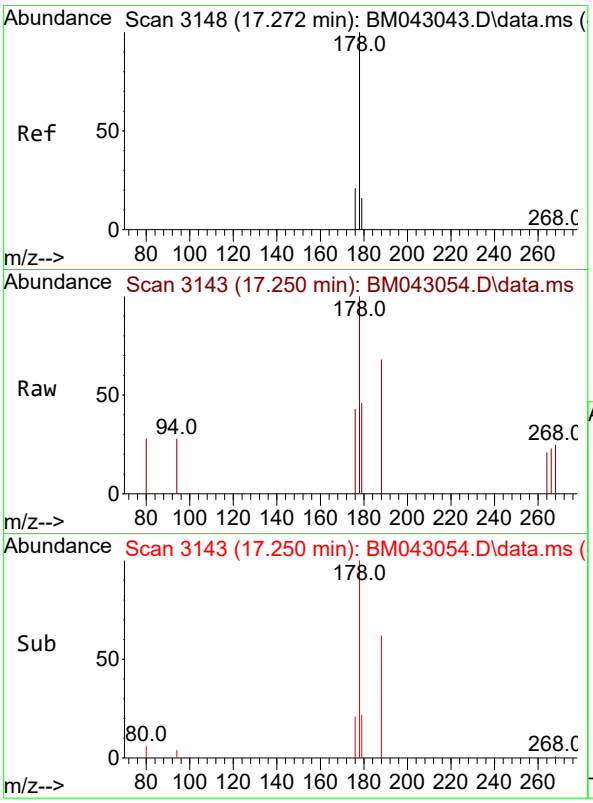


#12
Fluorene
Concen: 2.770 ng/ul
RT: 15.505 min Scan# 2740
Delta R.T. -0.032 min
Lab File: BM043054.D
Acq: 27 Nov 2023 18:12

Tgt Ion:166 Resp: 14278

Ion	Ratio	Lower	Upper
166	100		
165	100.1	79.9	119.9
167	14.0	14.2	21.4#



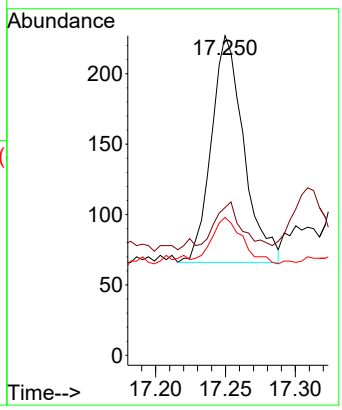


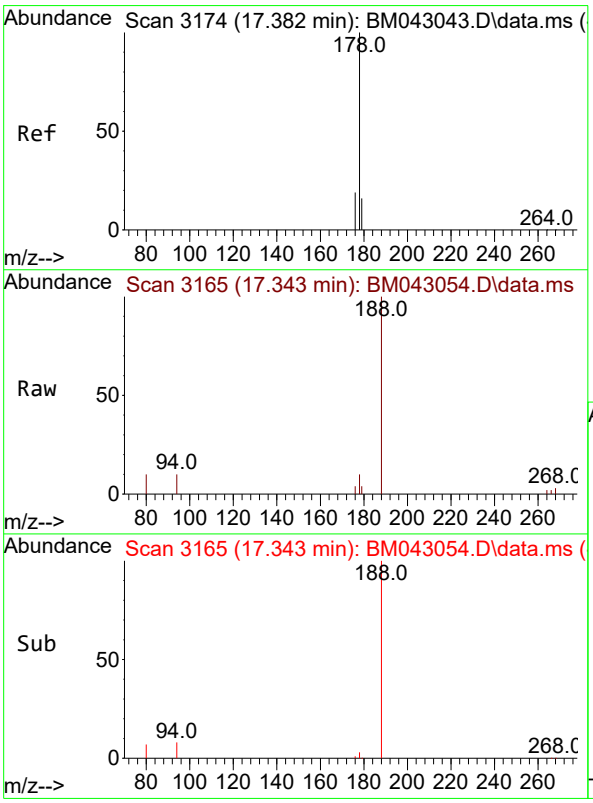
#15
Phenanthrene
Concen: 0.030 ng/ul
RT: 17.250 min Scan# 3
Delta R.T. -0.029 min
Lab File: BM043054.D
Acq: 27 Nov 2023 18:12

Instrument :
BNA_M
ClientSampleId :
DCKB9DL

Tgt Ion:178 Resp: 259

Ion	Ratio	Lower	Upper
178	100		
179	46.3	15.7	23.5#
176	43.2	18.9	28.3#

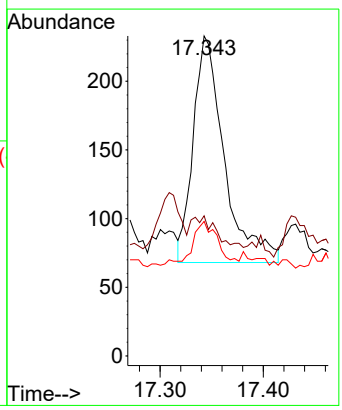


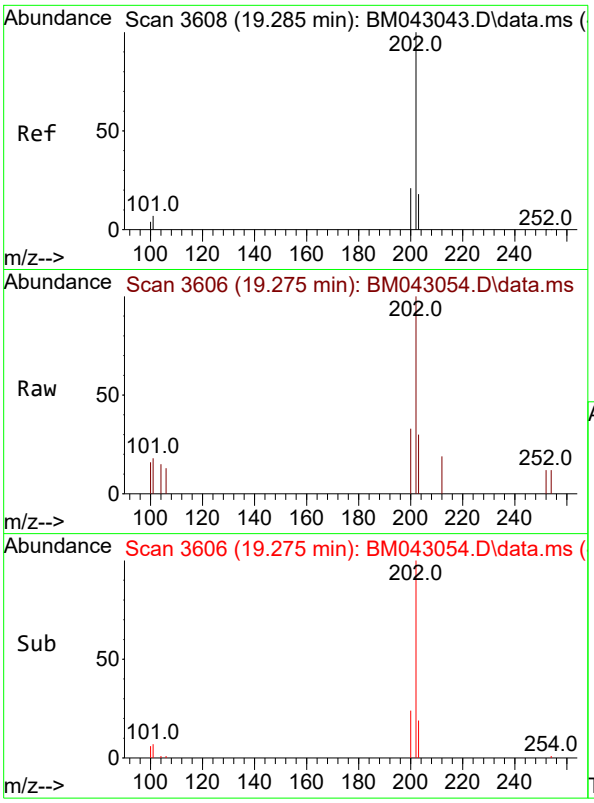


#16
Anthracene
Concen: 0.042 ng/ul
RT: 17.343 min Scan# 3165
Delta R.T. -0.051 min
Lab File: BM043054.D
Acq: 27 Nov 2023 18:12

Tgt Ion:178 Resp: 345

Ion	Ratio	Lower	Upper
178	100		
179	43.8	17.3	25.9#
176	42.1	20.5	30.7#



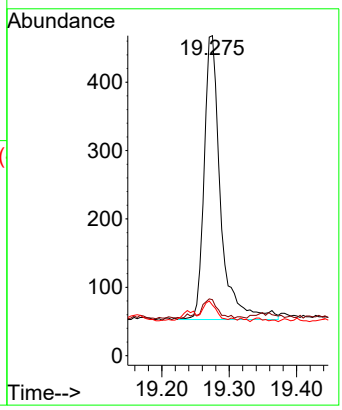


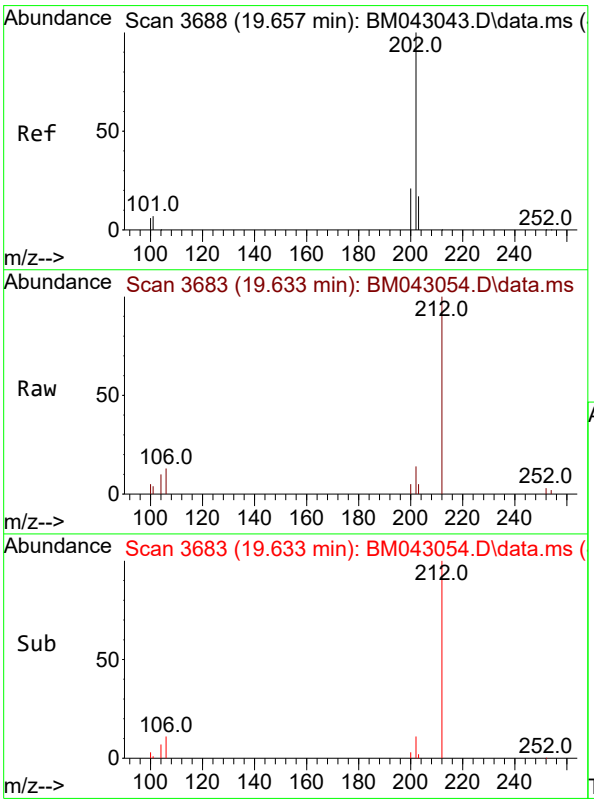
#19
Fluoranthene
Concen: 0.068 ng/ul
RT: 19.275 min Scan# 3
Delta R.T. -0.018 min
Lab File: BM043054.D
Acq: 27 Nov 2023 18:12

Instrument :
BNA_M
ClientSampleId :
DCKB9DL

Tgt Ion:202 Resp: 698

Ion	Ratio	Lower	Upper
202	100		
101	17.5	7.8	11.8#
100	15.8	7.1	10.7#





#20
Pyrene
Concen: 0.032 ng/ul
RT: 19.633 min Scan# 3683
Delta R.T. -0.028 min
Lab File: BM043054.D
Acq: 27 Nov 2023 18:12

Tgt Ion:202 Resp: 356

Ion	Ratio	Lower	Upper
202	100		
101	26.0	8.7	13.1#
100	38.9	7.8	11.8#