Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071323\
Data File : BM040851.D
Acq On : 13 Jul 2023 16:04
Operator : MA/JU
Sample : PB153998BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SBLK998

Quant Time: Jul 14 03:16:27 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	7.874	152	2	0.400	ng/ul	# 0.00
4) Naphthalene-d8	10.669	136	131	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.513	164	210	0.400	ng/ul	# 0.00
13) Phenanthrene-d10	0.000	188	0	0.000	ng/ul	-17.27
17) Chrysene-d12	21.448	240	16	0.400	ng/ul	#-0.01
23) Perylene-d12	0.000	264	0	0.000	ng/ul	-23.85
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.280	96	29629	9431.210	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.264	152	8367	45.560	ng/ul	0.00
18) Fluoranthene-d10	19.297	212	11139	217.161	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.351	88	15	4.691	ng/ul#	49
5) Naphthalene	10.719	128	108	0.299	ng/ul#	1
7) 2-Methylnaphthalene	12.335	142	38	0.179	ng/ul	97
8) 1-Methylnaphthalene	12.561	142	47	0.222	ng/ul	83
10) Acenaphthylene	14.231	152	50	0.053	ng/ul#	1
11) Acenaphthene	14.574	153	44	0.056	ng/ul#	76
12) Fluorene	15.564	166	49	0.058	ng/ul#	80
19) Fluoranthene	19.329	202	87	1.280	ng/ul#	1
20) Pyrene	19.659	202	1208	16.579	ng/ul#	1
22) Chrysene	21.460	228	15	0.243	ng/ul#	1

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

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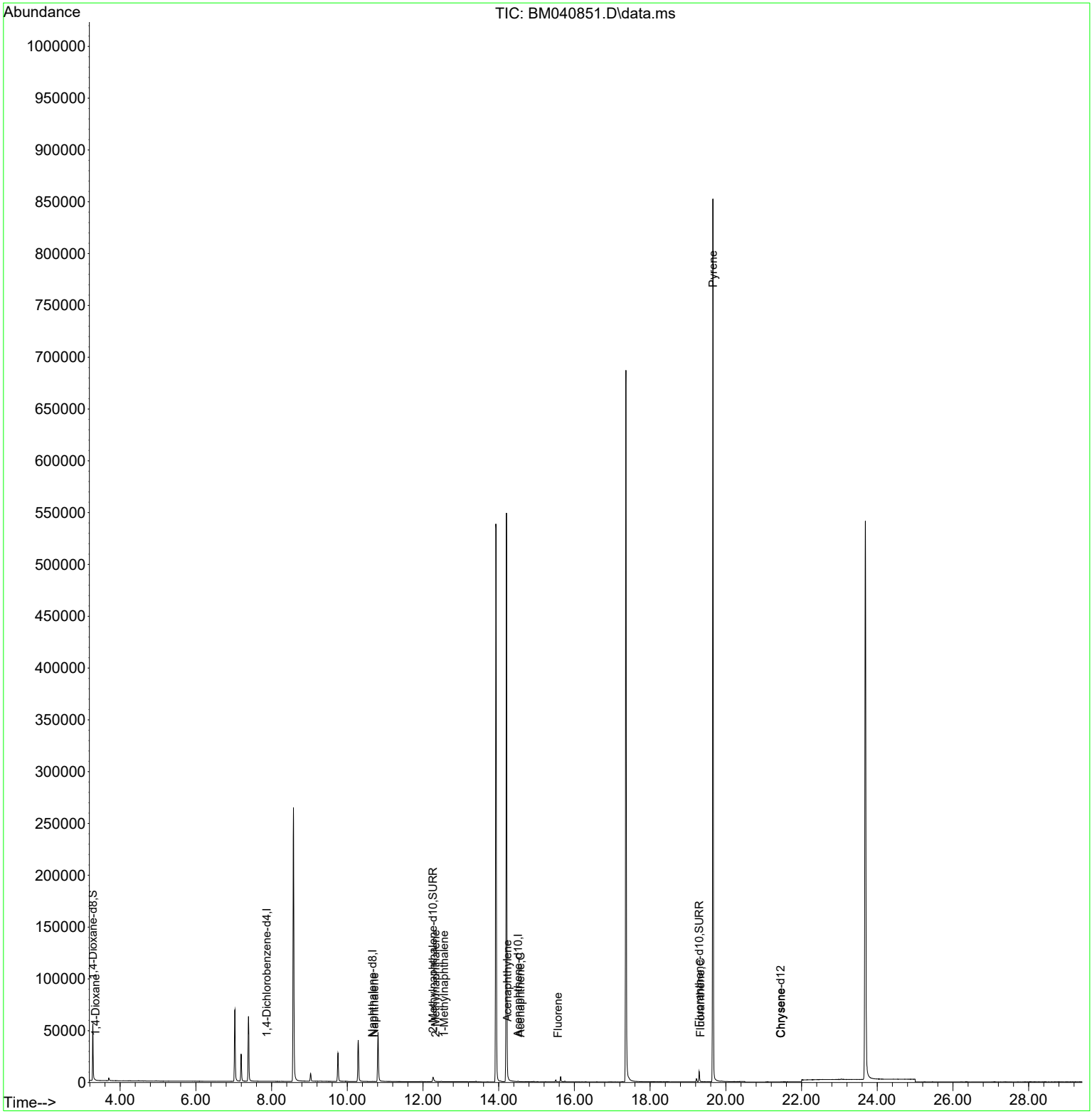
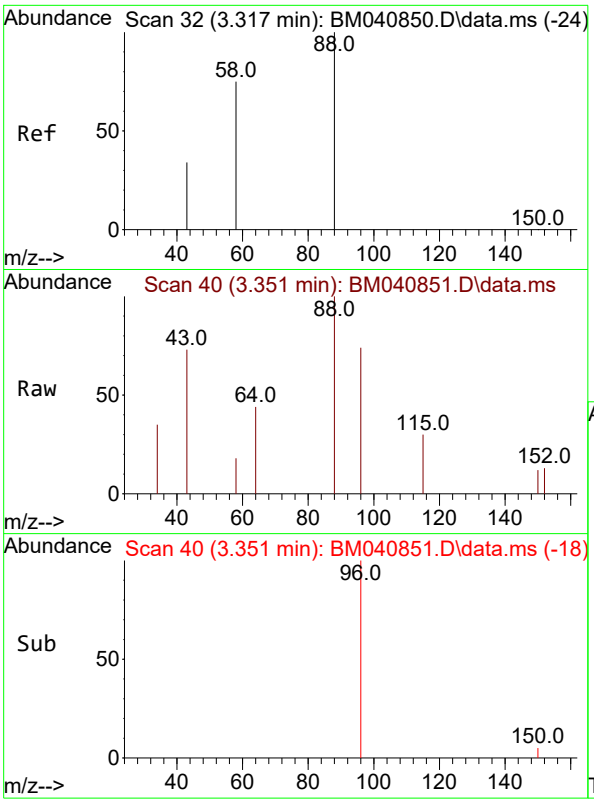


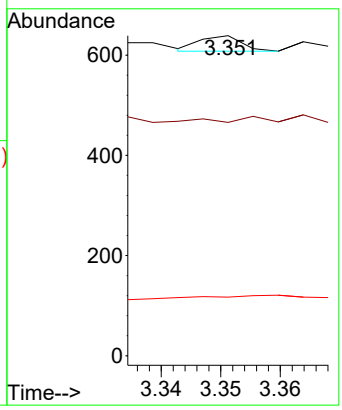


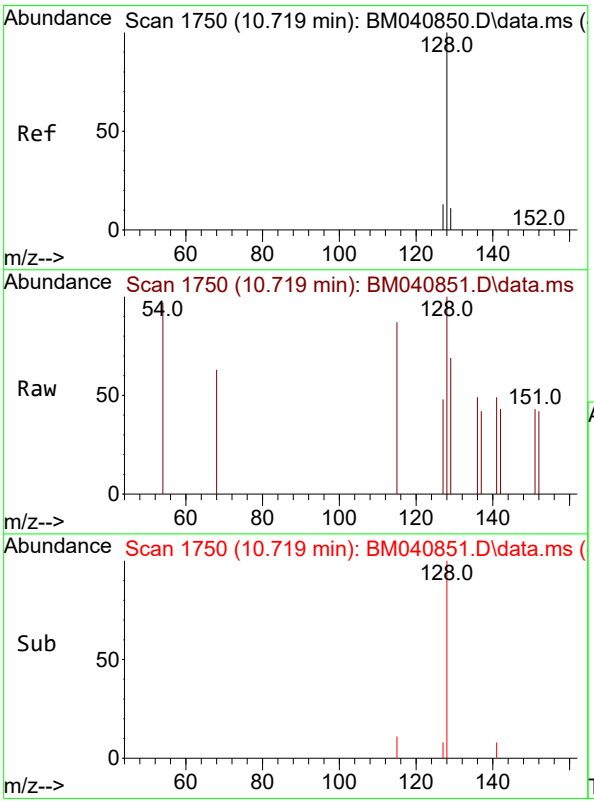
#2
1,4-Dioxane
Concen: 4.691 ng/ul
RT: 3.351 min Scan# 4
Delta R.T. 0.034 min
Lab File: BM040851.D
Acq: 13 Jul 2023 16:04

Instrument :
BNA_M
ClientSampleId :
SBLK998

Tgt Ion: 88 Resp: 15

Ion	Ratio	Lower	Upper
88	100		
43	72.9	36.1	54.1#
58	18.3	49.8	74.8#

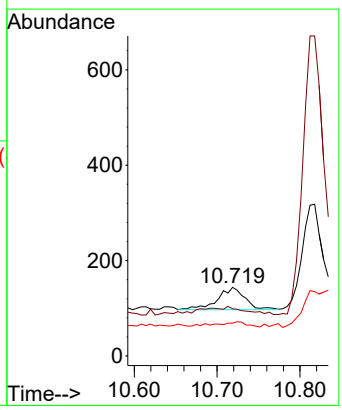


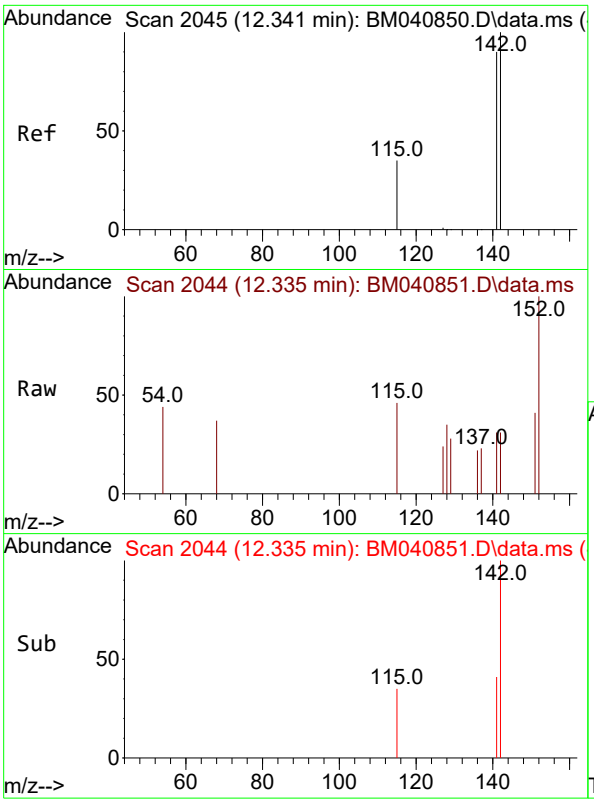


#5
Naphthalene
Concen: 0.299 ng/ul
RT: 10.719 min Scan# 1750
Delta R.T. 0.000 min
Lab File: BM040851.D
Acq: 13 Jul 2023 16:04

Tgt Ion:128 Resp: 108

Ion	Ratio	Lower	Upper
128	100		
129	68.8	9.2	13.8#
127	47.9	10.6	15.8#



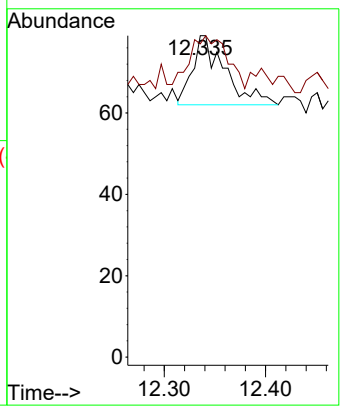


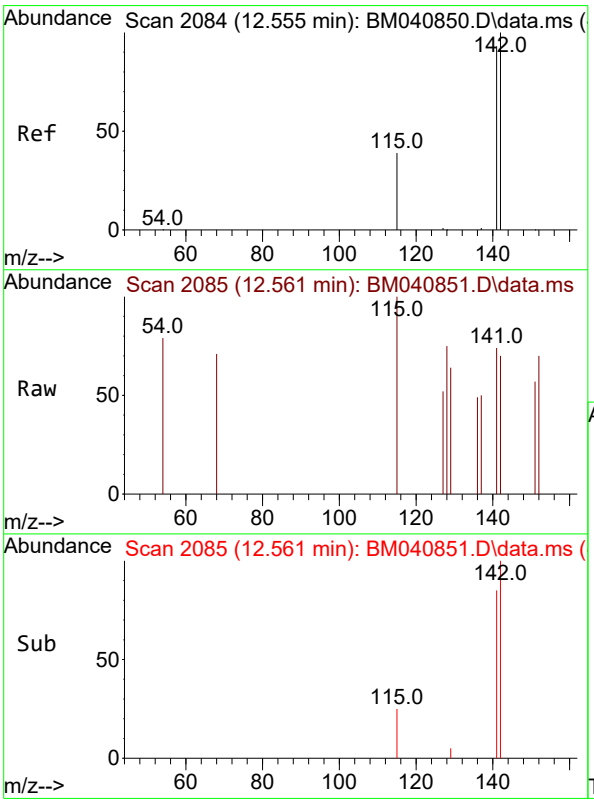
#7
2-Methylnaphthalene
Concen: 0.179 ng/ul
RT: 12.335 min Scan# 2
Delta R.T. -0.005 min
Lab File: BM040851.D
Acq: 13 Jul 2023 16:04

Instrument :
BNA_M
ClientSampleId :
SBLK998

Tgt Ion:142 Resp: 38

Ion	Ratio	Lower	Upper
142	100		
141	86.8	71.9	107.9

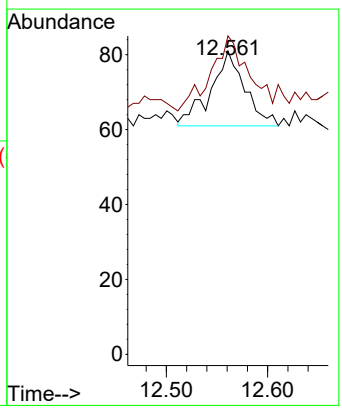


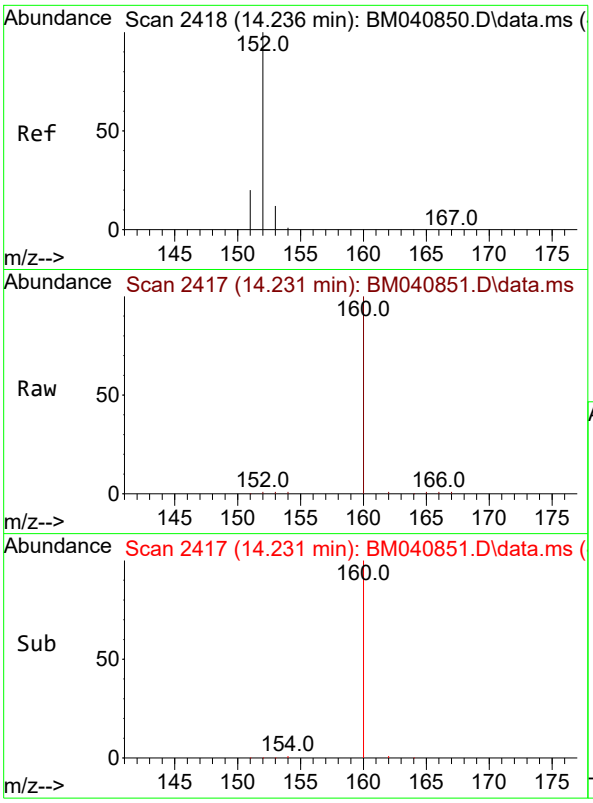


#8
1-Methylnaphthalene
Concen: 0.222 ng/ul
RT: 12.561 min Scan# 2085
Delta R.T. 0.006 min
Lab File: BM040851.D
Acq: 13 Jul 2023 16:04

Tgt Ion:142 Resp: 47

Ion	Ratio	Lower	Upper
142	100		
141	108.5	73.7	110.5



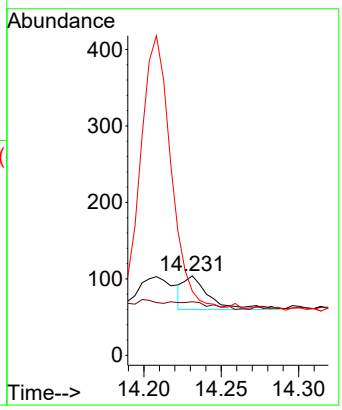


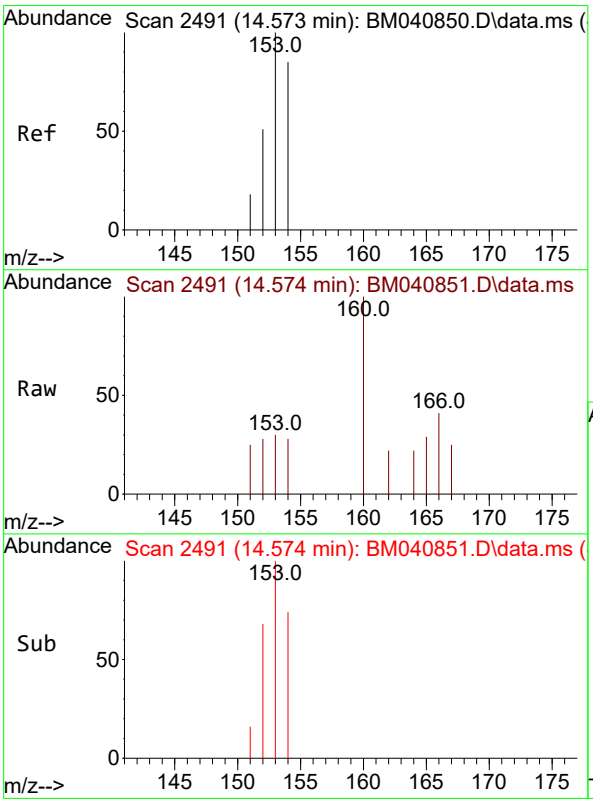
#10
Acenaphthylene
Concen: 0.053 ng/ul
RT: 14.231 min Scan# 24
Delta R.T. -0.005 min
Lab File: BM040851.D
Acq: 13 Jul 2023 16:04

Instrument :
BNA_M
ClientSampleId :
SBLK998

Tgt Ion:152 Resp: 50

Ion	Ratio	Lower	Upper
152	100		
151	67.3	16.2	24.2#
153	80.8	10.9	16.3#

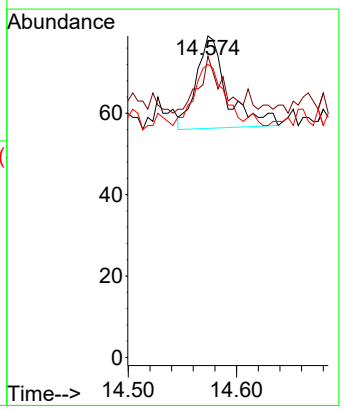


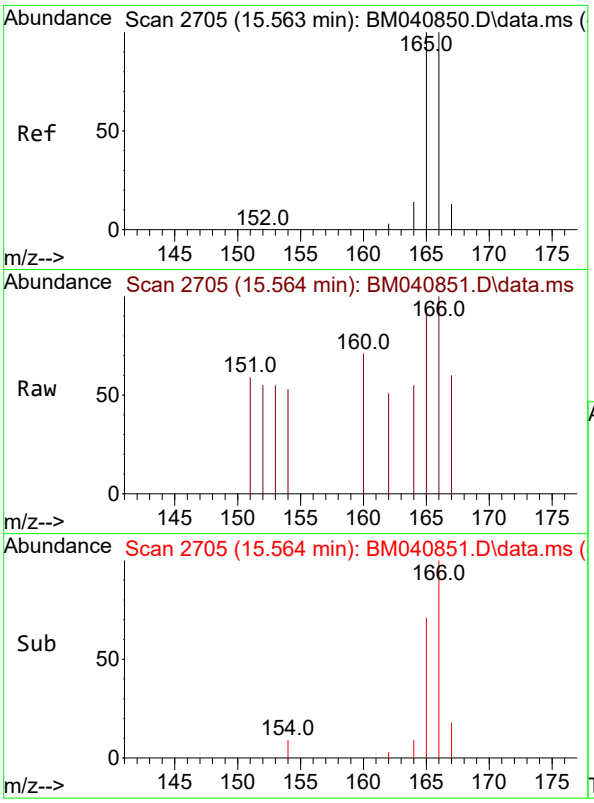


#11
Acenaphthene
Concen: 0.056 ng/ul
RT: 14.574 min Scan# 2491
Delta R.T. 0.000 min
Lab File: BM040851.D
Acq: 13 Jul 2023 16:04

Tgt Ion:153 Resp: 44

Ion	Ratio	Lower	Upper
153	100		
152	93.7	41.0	61.4#
154	91.1	70.8	106.2



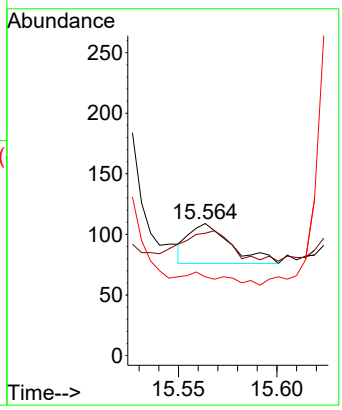


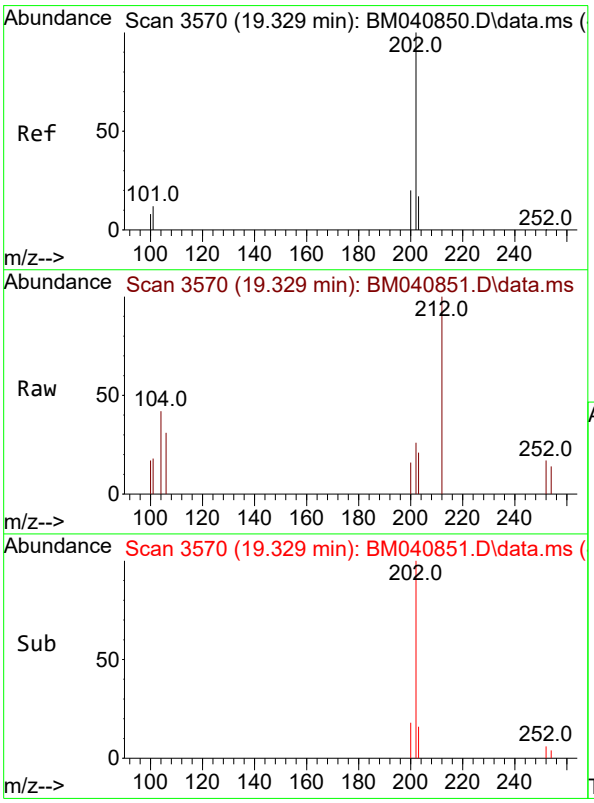
#12
Fluorene
Concen: 0.058 ng/ul
RT: 15.564 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM040851.D
Acq: 13 Jul 2023 16:04

Instrument :
BNA_M
ClientSampleId :
SBLK998

Tgt Ion:166 Resp: 49

Ion	Ratio	Lower	Upper
166	100		
165	92.7	79.6	119.4
167	59.6	11.4	17.0#

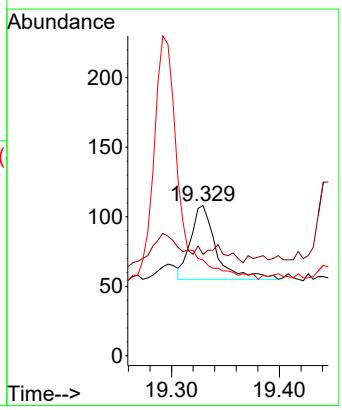


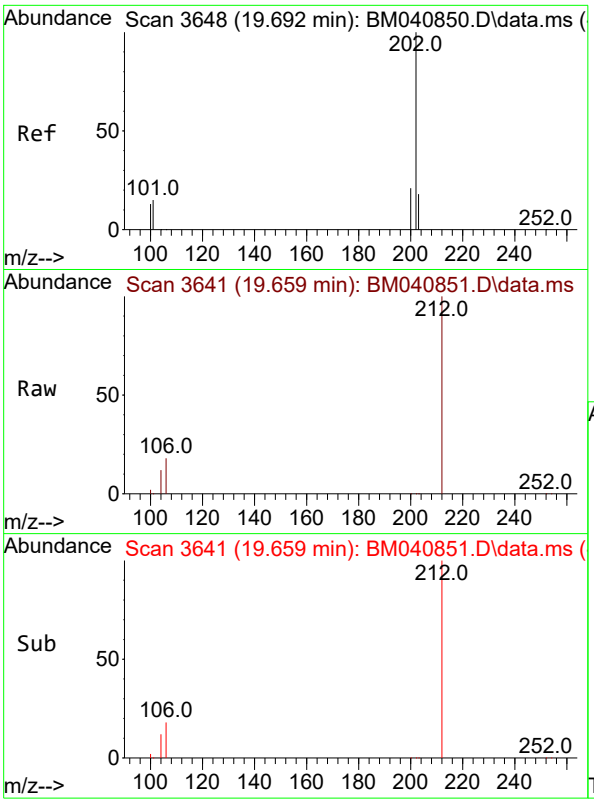


#19
Fluoranthene
Concen: 1.280 ng/ul
RT: 19.329 min Scan# 3570
Delta R.T. 0.000 min
Lab File: BM040851.D
Acq: 13 Jul 2023 16:04

Tgt Ion:202 Resp: 87

Ion	Ratio	Lower	Upper
202	100		
101	67.6	11.4	17.0#
100	63.9	8.7	13.1#



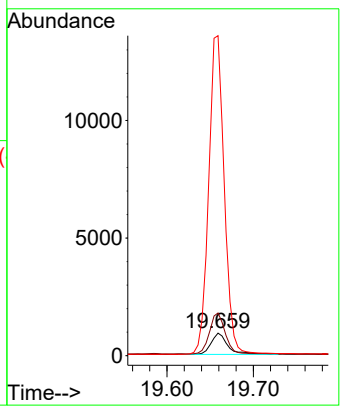


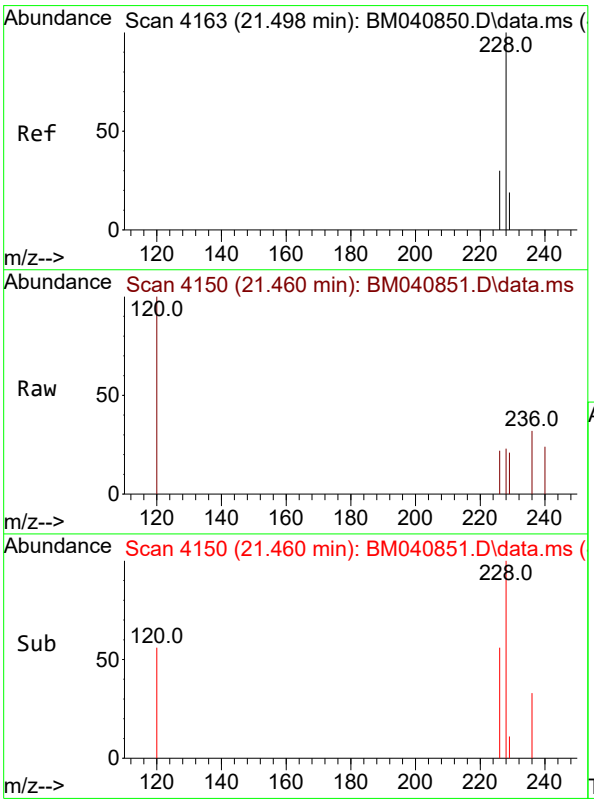
#20
Pyrene
Concen: 16.579 ng/ul
RT: 19.659 min Scan# 3
Delta R.T. -0.032 min
Lab File: BM040851.D
Acq: 13 Jul 2023 16:04

Instrument :
BNA_M
ClientSampleId :
SBLK998

Tgt Ion:202 Resp: 1208

Ion	Ratio	Lower	Upper
202	100		
101	189.3	12.6	18.8#
100	1417.5	9.8	14.6#





#22
Chrysene
Concen: 0.243 ng/ul
RT: 21.460 min Scan# 4150
Delta R.T. -0.038 min
Lab File: BM040851.D
Acq: 13 Jul 2023 16:04

Tgt Ion:228 Resp: 15

Ion	Ratio	Lower	Upper
228	100		
226	92.4	24.9	37.3#
229	89.4	15.8	23.6#