Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121923\
Data File : BM043464.D
Acq On : 20 Dec 2023 14:40
Operator : MA/JU
Sample : 05677-08
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
H0AC8

Quant Time: Dec 20 23:14:06 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM121123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 19 23:32:46 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.984	152	5850	0.400	ng/ul	0.00
4) Naphthalene-d8	10.785	136	18494	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.610	164	9358	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.455	188	1449474	0.400	ng/ul	# 0.10
17) Chrysene-d12	21.647	240	9	0.400	ng/ul	# 0.11
23) Perylene-d12	24.193	264	56	0.400	ng/ul	# 0.24
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.376	96	34372	4.650	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.374	152	7968	0.304	ng/ul	0.00
18) Fluoranthene-d10	0.000	212	0	0.000	ng/ul	
Target Compounds						Qvalue
5) Naphthalene	10.834	128	1482	0.027	ng/ul#	81
11) Acenaphthene	14.675	153	762	0.020	ng/ul	97
19) Fluoranthene	19.557	202	66	1.300	ng/ul#	1
20) Pyrene	19.743	202	3119	61.882	ng/ul#	1
21) Benzo(a)anthracene	21.650	228	5	0.127	ng/ul#	1
22) Chrysene	21.673	228	5	0.120	ng/ul#	1
24) Benzo(b)fluoranthene	23.453	252	12	0.047	ng/ul#	1
25) Benzo(k)fluoranthene	23.503	252	32	0.121	ng/ul#	1
26) Benzo(a)pyrene	24.091	252	16	0.076	ng/ul#	1
28) Dibenzo(a,h)anthracene	26.763	278	7	0.037	ng/ul#	1

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

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QLast Update : Tue Dec 19 23:32:46 2023
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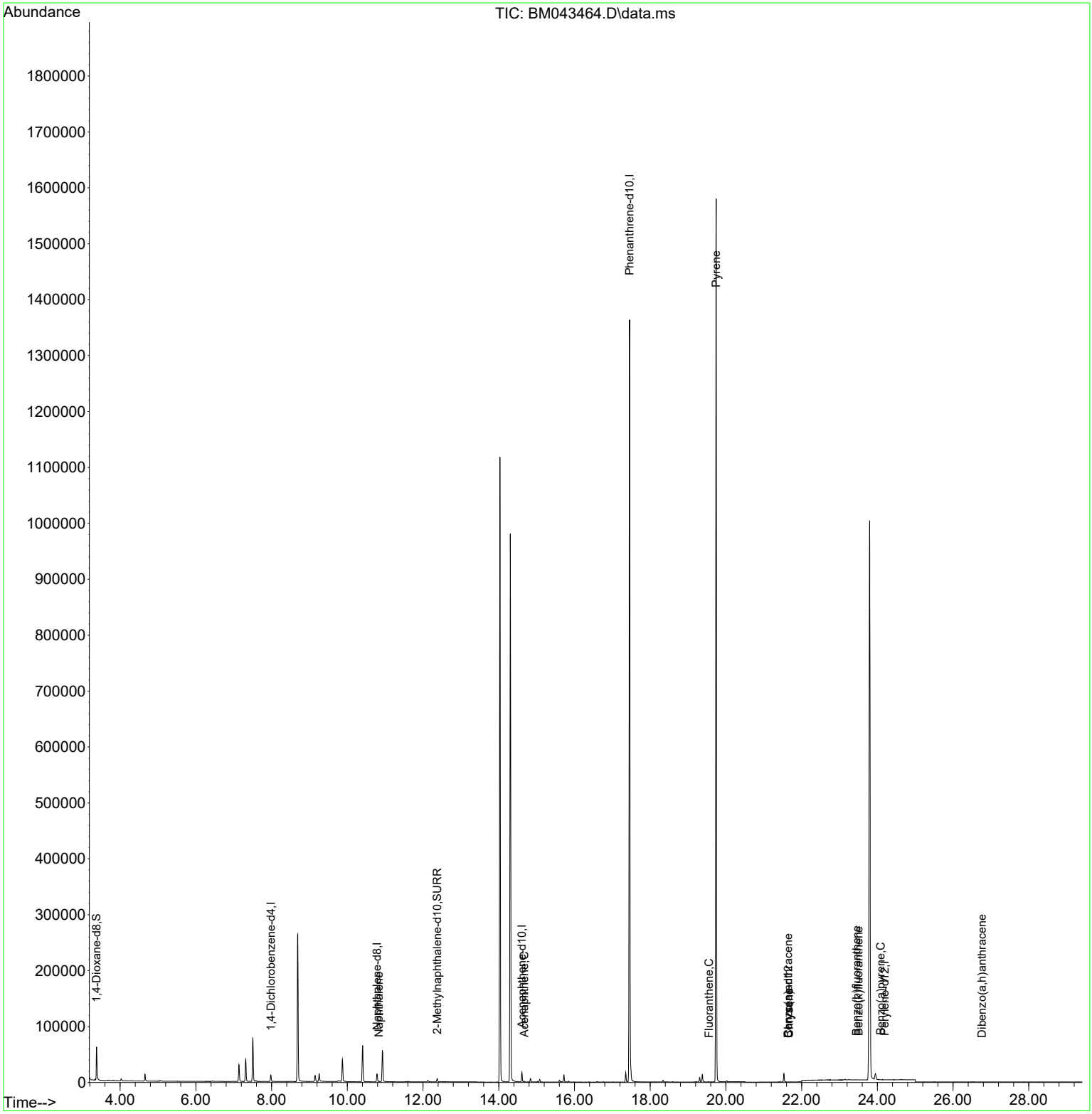
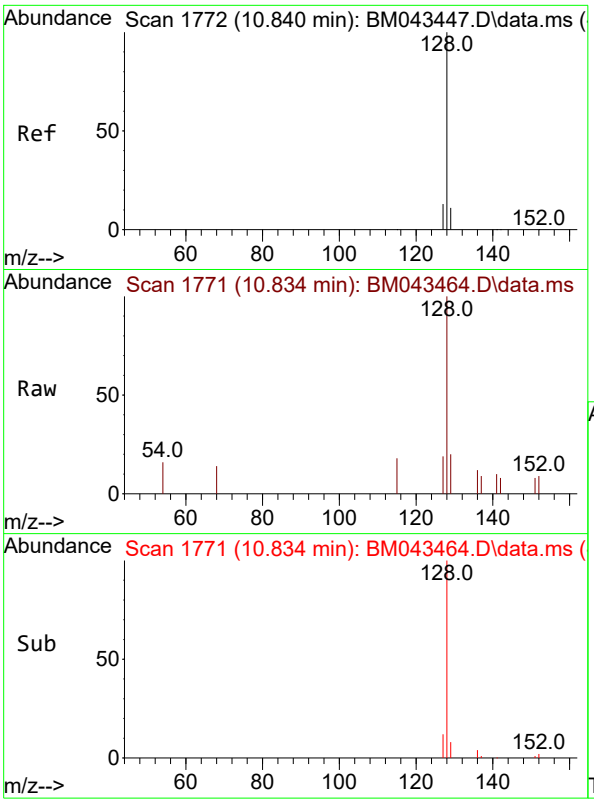


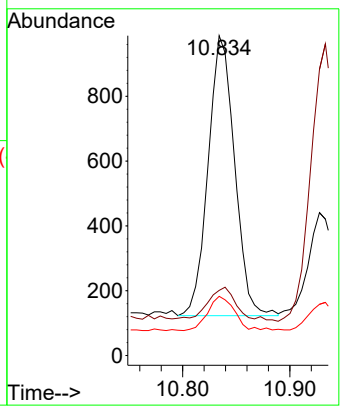


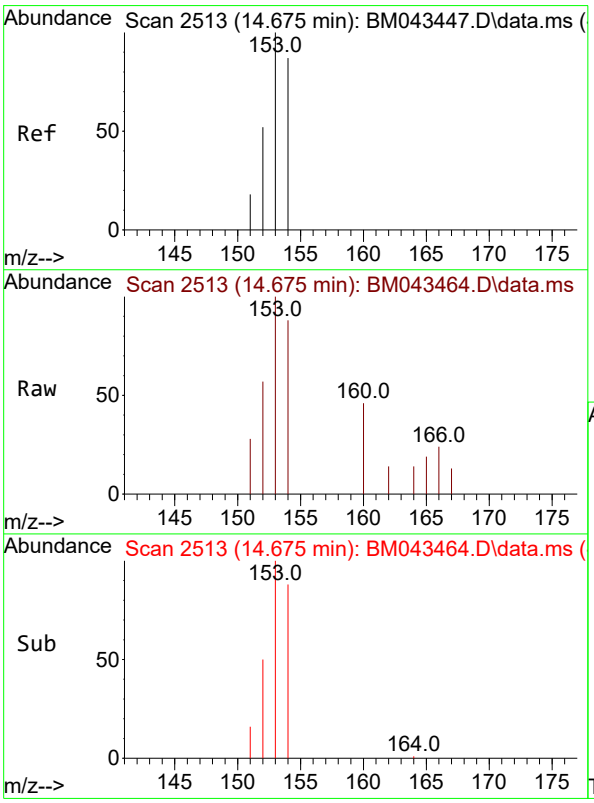
#5
Naphthalene
Concen: 0.027 ng/ul
RT: 10.834 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM043464.D
Acq: 20 Dec 2023 14:40

Instrument :
BNA_M
ClientSampleId :
H0AC8

Tgt Ion:128 Resp: 1482

Ion	Ratio	Lower	Upper
128	100		
129	20.4	9.0	13.4#
127	18.5	10.3	15.5#

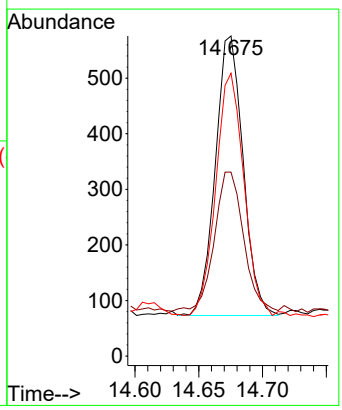


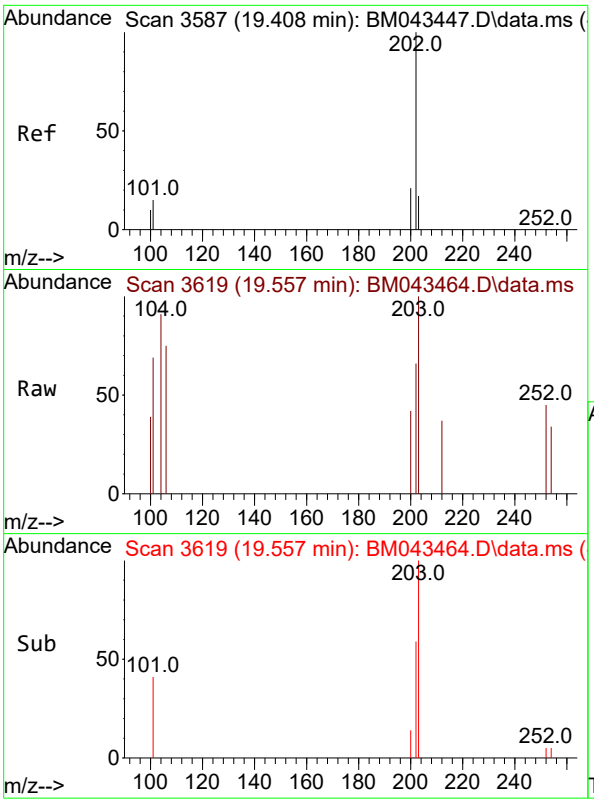


#11
Acenaphthene
Concen: 0.020 ng/ul
RT: 14.675 min Scan# 2513
Delta R.T. -0.005 min
Lab File: BM043464.D
Acq: 20 Dec 2023 14:40

Tgt Ion:153 Resp: 762

Ion	Ratio	Lower	Upper
153	100		
152	57.5	42.1	63.1
154	88.4	71.3	106.9



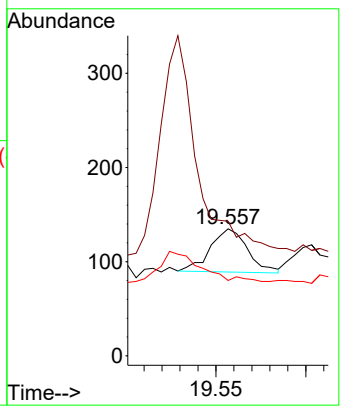


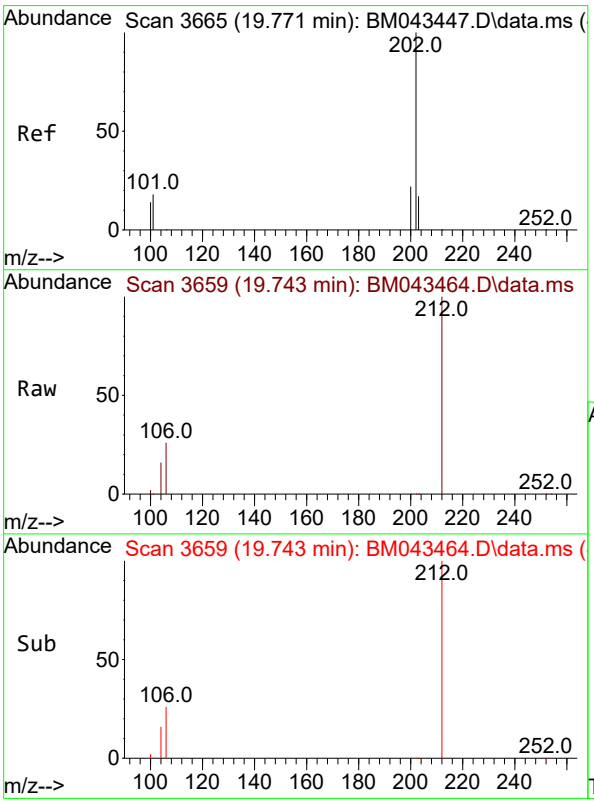
#19
Fluoranthene
Concen: 1.300 ng/ul
RT: 19.557 min Scan# 3
Delta R.T. 0.144 min
Lab File: BM043464.D
Acq: 20 Dec 2023 14:40

Instrument :
BNA_M
ClientSampleId :
H0AC8

Tgt Ion:202 Resp: 66

Ion	Ratio	Lower	Upper
202	100		
101	105.9	10.1	15.1#
100	59.3	7.4	11.2#

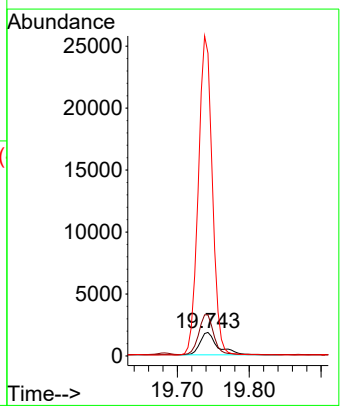


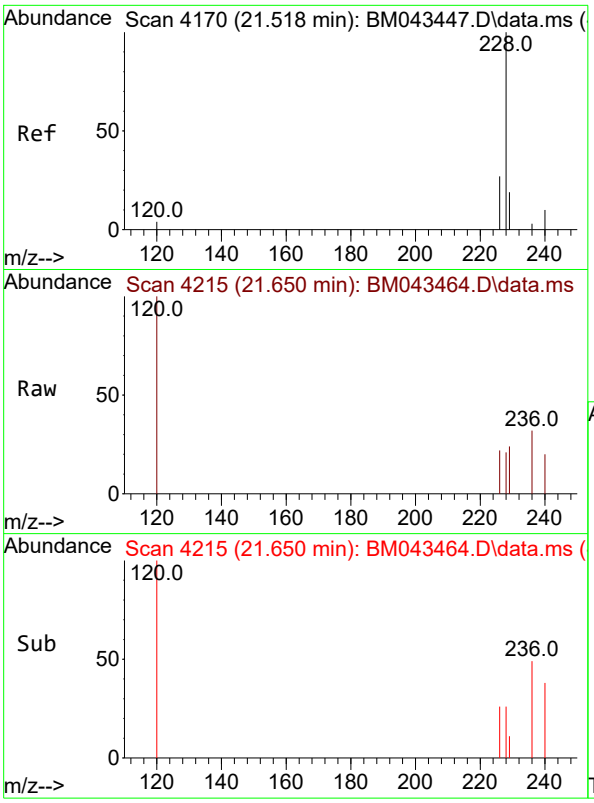


#20
Pyrene
Concen: 61.882 ng/ul
RT: 19.743 min Scan# 3659
Delta R.T. -0.033 min
Lab File: BM043464.D
Acq: 20 Dec 2023 14:40

Tgt Ion:202 Resp: 3119

Ion	Ratio	Lower	Upper
202	100		
101	175.6	12.7	19.1#
100	1290.6	9.8	14.8#



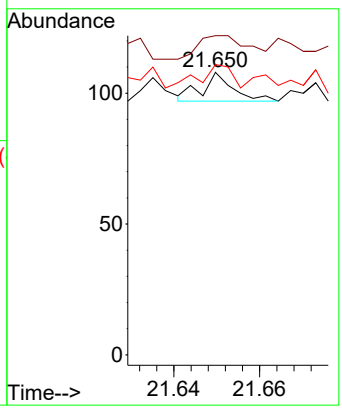


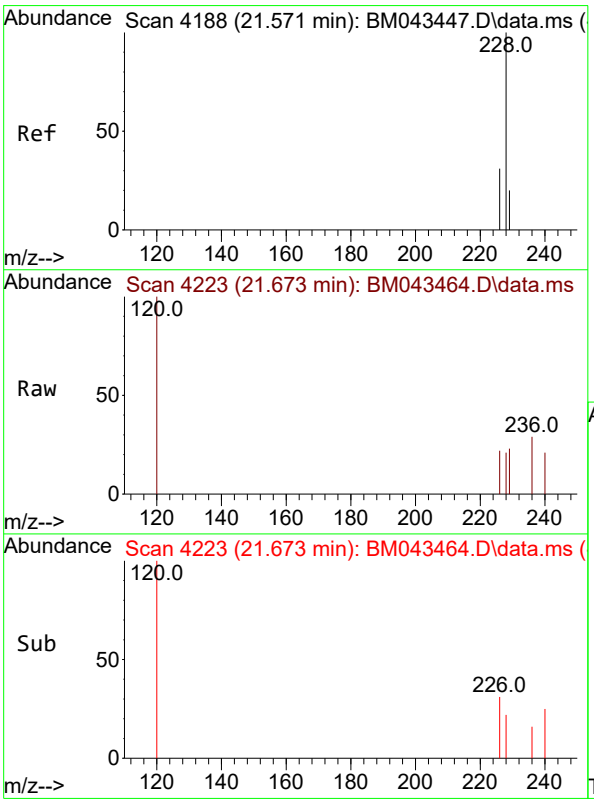
#21
Benzo(a)anthracene
Concen: 0.127 ng/ul
RT: 21.650 min Scan# 4
Delta R.T. 0.128 min
Lab File: BM043464.D
Acq: 20 Dec 2023 14:40

Instrument :
BNA_M
ClientSampleId :
H0AC8

Tgt Ion:228 Resp: 5

Ion	Ratio	Lower	Upper
228	100		
229	113.0	15.5	23.3#
226	102.8	22.6	34.0#

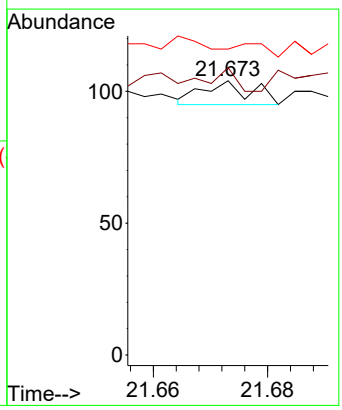


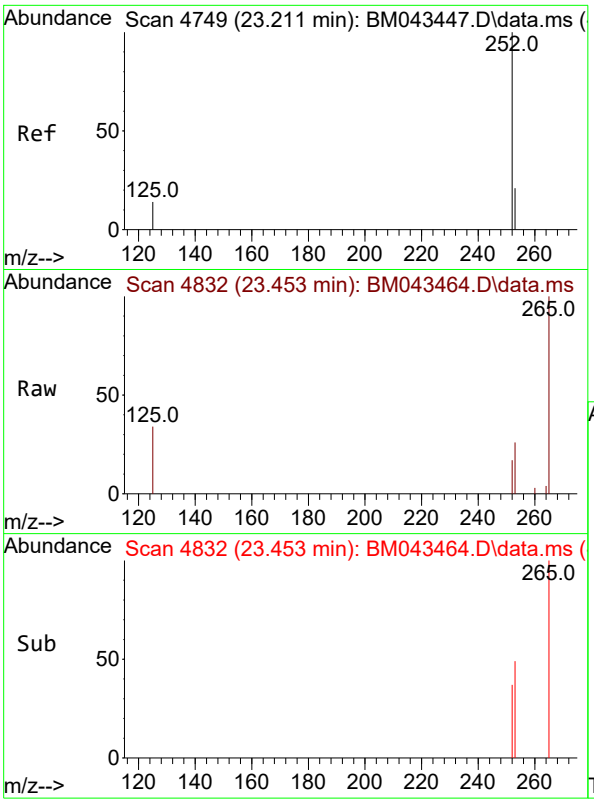


#22
Chrysene
Concen: 0.120 ng/ul
RT: 21.673 min Scan# 4223
Delta R.T. 0.099 min
Lab File: BM043464.D
Acq: 20 Dec 2023 14:40

Tgt Ion:228 Resp: 5

Ion	Ratio	Lower	Upper
228	100		
226	104.8	24.8	37.2#
229	111.5	15.7	23.5#



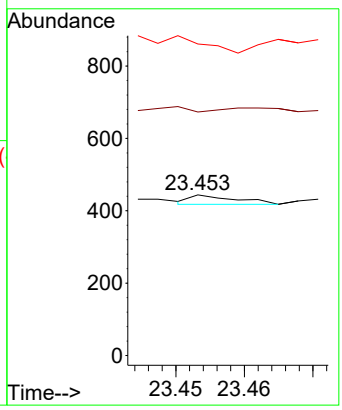


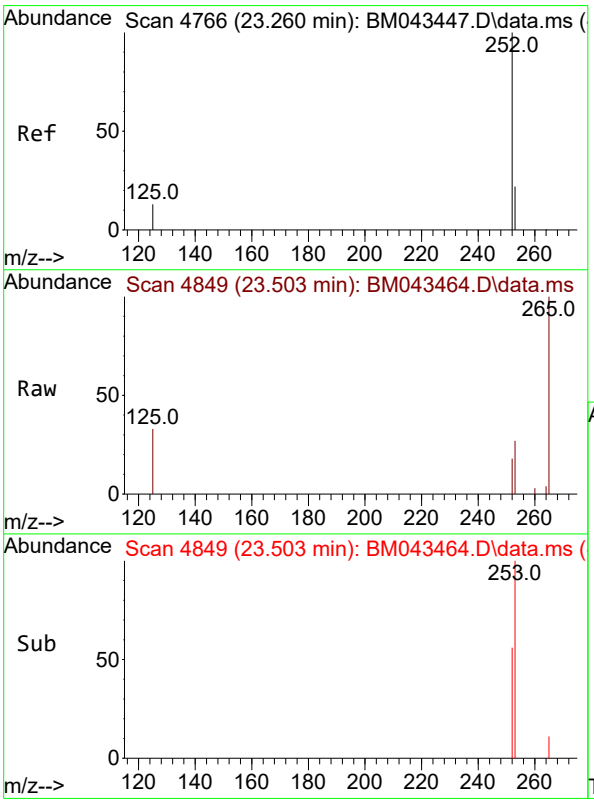
#24
Benzo(b)fluoranthene
Concen: 0.047 ng/ul
RT: 23.453 min Scan# 4
Delta R.T. 0.237 min
Lab File: BM043464.D
Acq: 20 Dec 2023 14:40

Instrument :
BNA_M
ClientSampleId :
H0AC8

Tgt Ion:252 Resp: 12

Ion	Ratio	Lower	Upper
252	100		
253	151.6	0.0	48.8#
125	193.9	0.0	29.2#

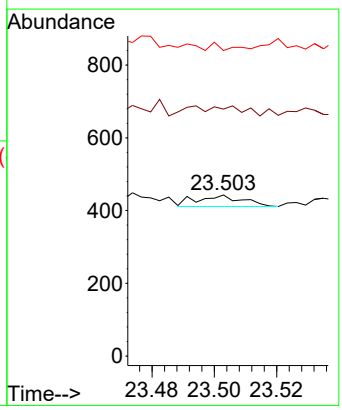


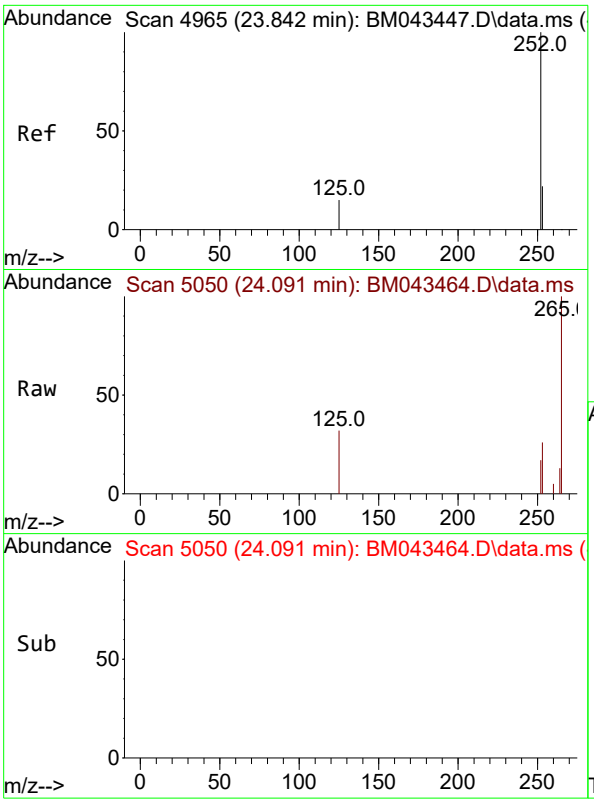


#25
Benzo(k)fluoranthene
Concen: 0.121 ng/ul
RT: 23.503 min Scan# 4849
Delta R.T. 0.237 min
Lab File: BM043464.D
Acq: 20 Dec 2023 14:40

Tgt Ion:252 Resp: 32

Ion	Ratio	Lower	Upper
252	100		
253	153.3	18.6	28.0#
125	189.6	11.8	17.8#



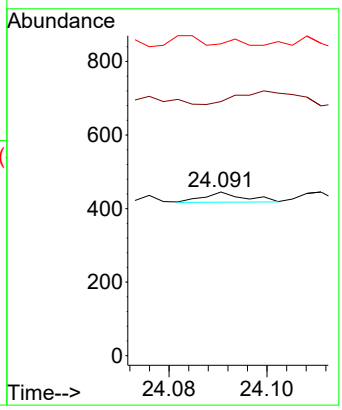


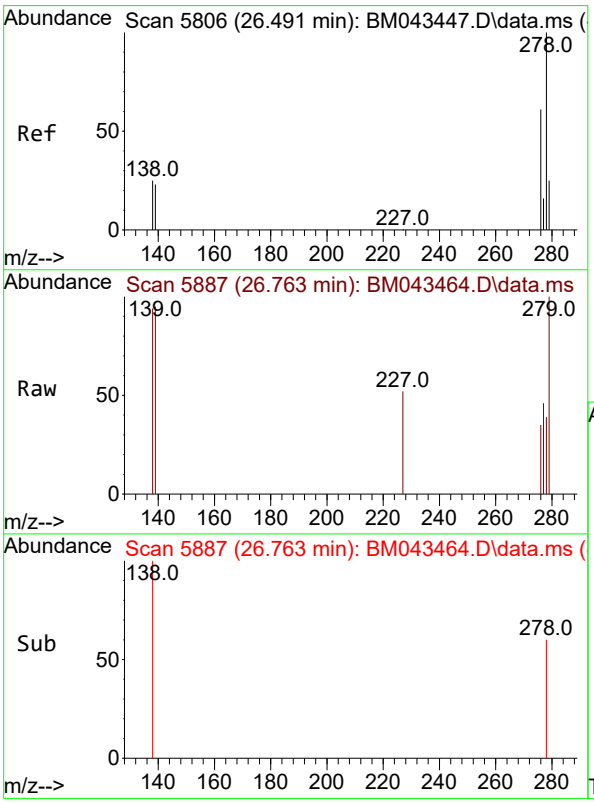
#26
Benzo(a)pyrene
Concen: 0.076 ng/ul
RT: 24.091 min Scan# 5
Delta R.T. 0.243 min
Lab File: BM043464.D
Acq: 20 Dec 2023 14:40

Instrument :
BNA_M
ClientSampleId :
H0AC8

Tgt Ion:252 Resp: 16

Ion	Ratio	Lower	Upper
252	100		
253	155.3	20.2	30.2#
125	190.6	13.5	20.3#





#28
Dibenzo(a,h)anthracene
Concen: 0.037 ng/ul
RT: 26.763 min Scan# 5887
Delta R.T. 0.264 min
Lab File: BM043464.D
Acq: 20 Dec 2023 14:40

Tgt Ion:278 Resp: 7

Ion	Ratio	Lower	Upper
278	100		
139	245.9	17.4	26.2#
279	257.6	20.9	31.3#