Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121923\
Data File : BM043432.D
Acq On : 19 Dec 2023 18:17
Operator : MA/JU
Sample : 05894-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BH3K5

Quant Time: Dec 19 23:36:36 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	6344	0.400	ng/ul	0.00
4) Naphthalene-d8	10.790	136	19878	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.615	164	10585	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.459	188	1930280	0.400	ng/ul	# 0.10
17) Chrysene-d12	21.682	240	7	0.400	ng/ul	# 0.14
23) Perylene-d12	24.164	264	78	0.400	ng/ul	# 0.21
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.381	96	32323	4.032	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.379	152	10693	0.380	ng/ul	0.00
18) Fluoranthene-d10	19.506	212	12	0.480	ng/ul	0.13
Target Compounds						Qvalue
2) 1,4-Dioxane	3.419	88	823	0.102	ng/ul#	29
5) Naphthalene	10.840	128	1644	0.028	ng/ul#	74
19) Fluoranthene	19.543	202	12	0.304	ng/ul#	1
20) Pyrene	19.747	202	3950	100.761	ng/ul#	1
21) Benzo(a)anthracene	21.685	228	8	0.260	ng/ul#	1
22) Chrysene	21.705	228	13	0.401	ng/ul#	1
24) Benzo(b)fluoranthene	23.430	252	18	0.051	ng/ul#	1
25) Benzo(k)fluoranthene	23.474	252	18	0.049	ng/ul#	1
26) Benzo(a)pyrene	24.061	252	6	0.021	ng/ul#	1
28) Dibenzo(a,h)anthracene	26.740	278	8	0.030	ng/ul#	1
29) Benzo(g,h,i)perylene	27.488	276	9	0.032	ng/ul#	1

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

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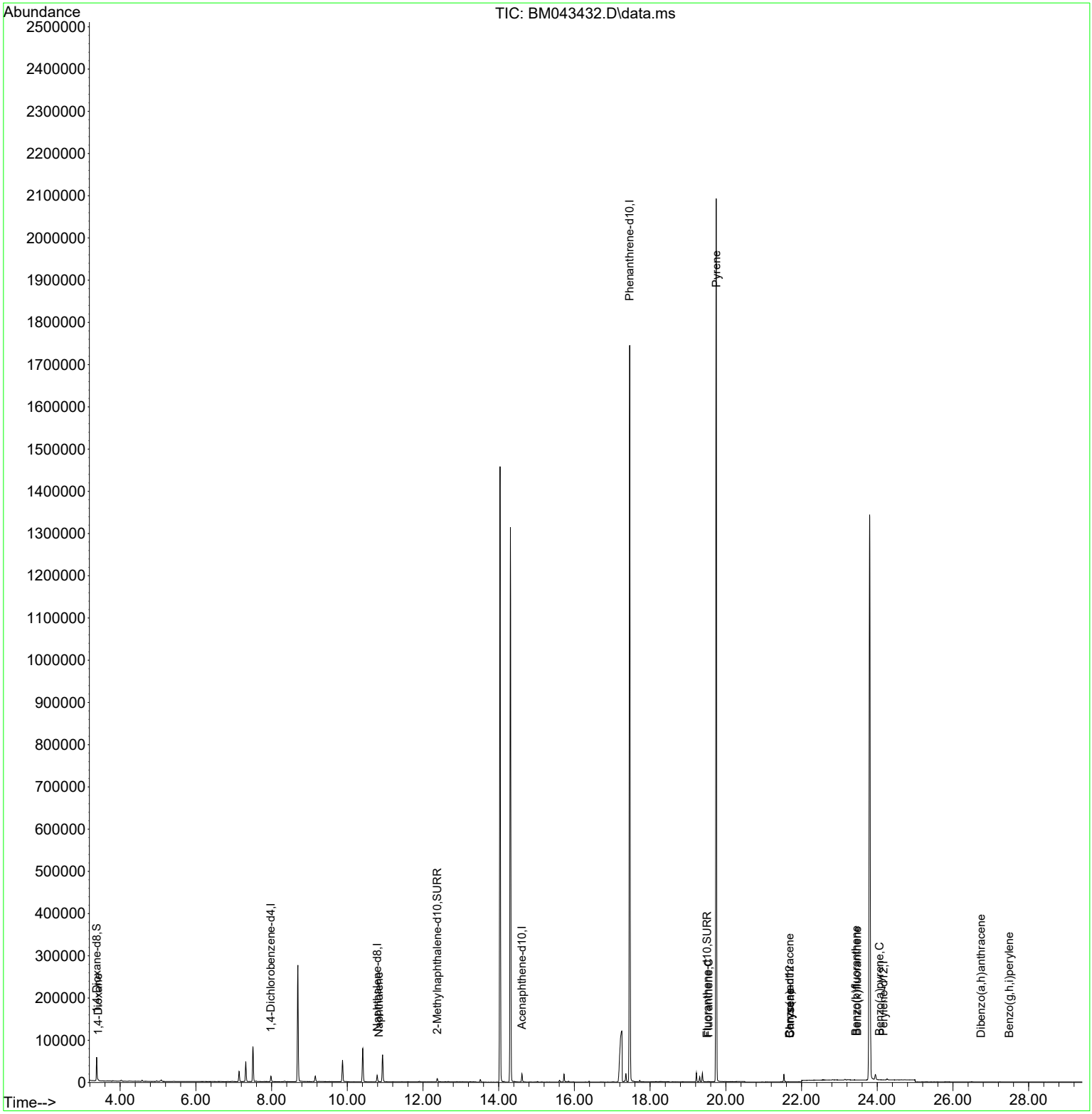
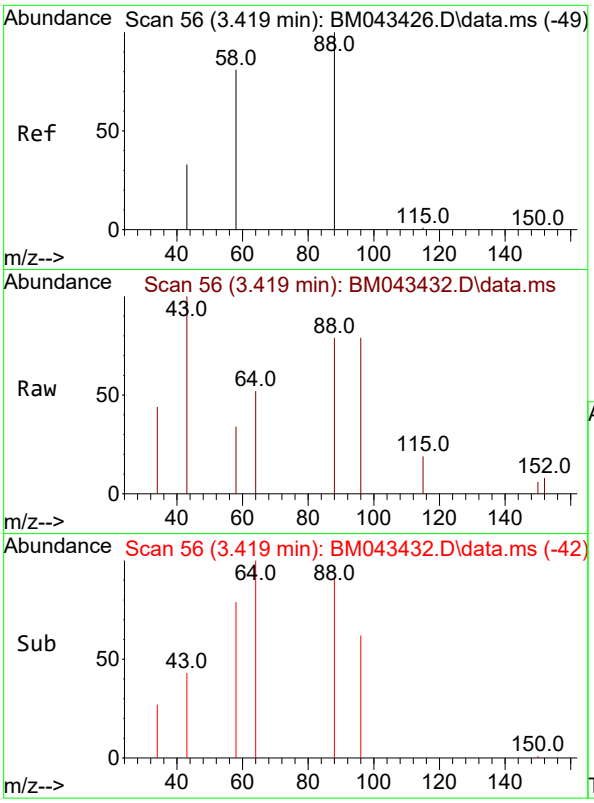
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM121123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 19 23:32:46 2023
Response via : Initial Calibration



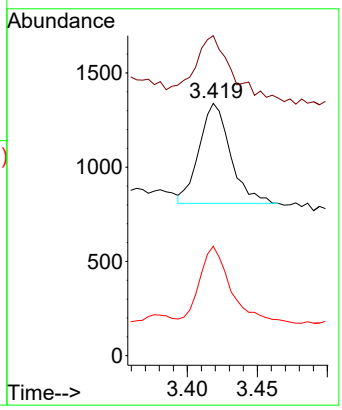


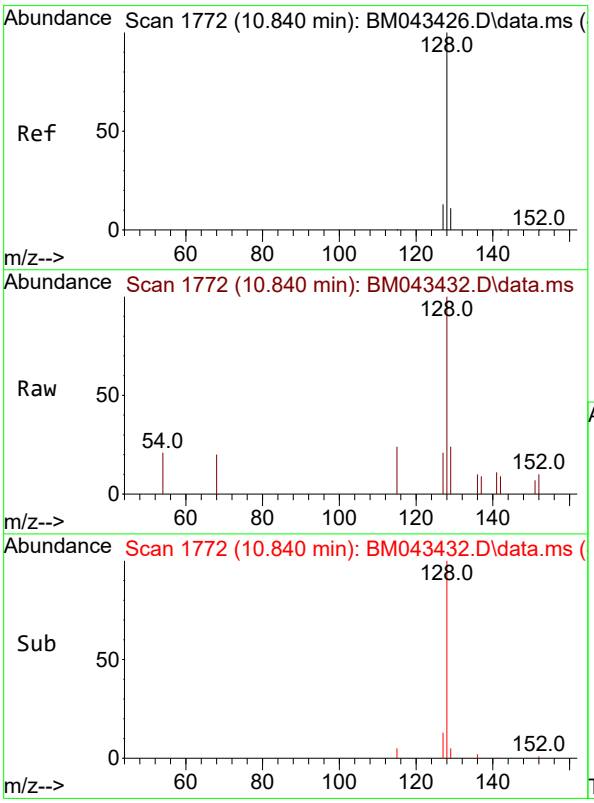
#2
1,4-Dioxane
Concen: 0.102 ng/ul
RT: 3.419 min Scan# 5
Delta R.T. -0.000 min
Lab File: BM043432.D
Acq: 19 Dec 2023 18:17

Instrument :
BNA_M
ClientSampleId :
BH3K5

Tgt Ion: 88 Resp: 823

Ion	Ratio	Lower	Upper
88	100		
43	126.8	27.9	41.9#
58	43.4	43.4	65.2#

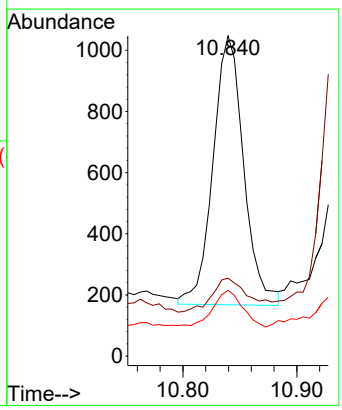


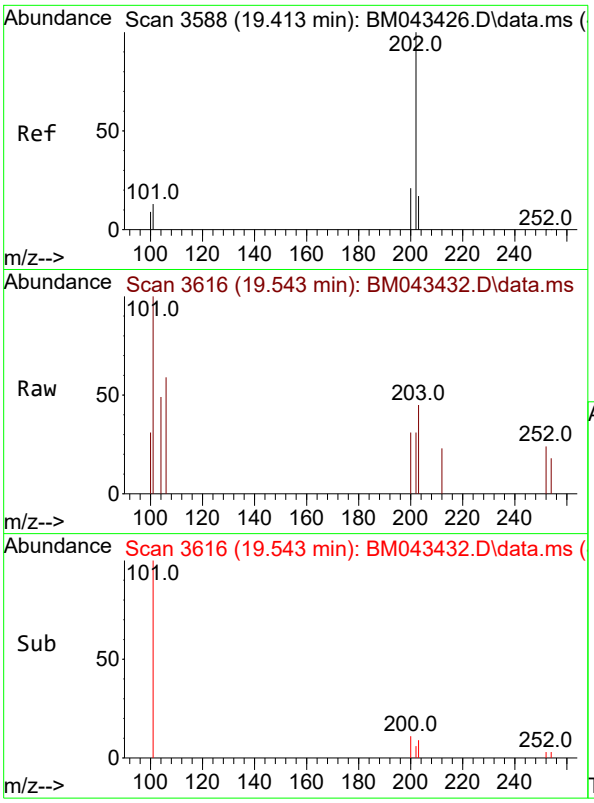


#5
Naphthalene
Concen: 0.028 ng/ul
RT: 10.840 min Scan# 1772
Delta R.T. -0.000 min
Lab File: BM043432.D
Acq: 19 Dec 2023 18:17

Tgt Ion:128 Resp: 1644

Ion	Ratio	Lower	Upper
128	100		
129	24.4	9.0	13.4#
127	20.5	10.3	15.5#



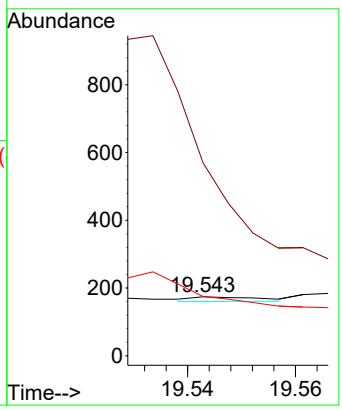


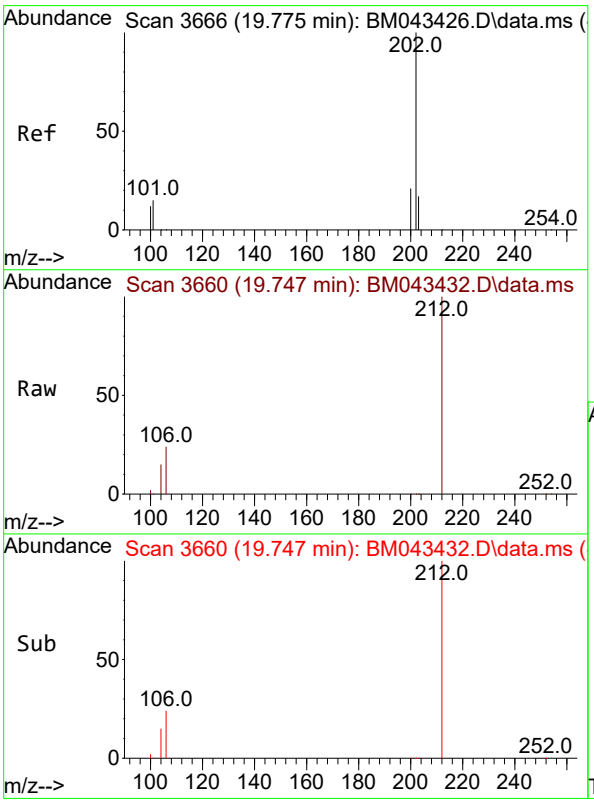
#19
Fluoranthene
Concen: 0.304 ng/ul
RT: 19.543 min Scan# 3
Delta R.T. 0.130 min
Lab File: BM043432.D
Acq: 19 Dec 2023 18:17

Instrument :
BNA_M
ClientSampleId :
BH3K5

Tgt Ion:202 Resp: 12

Ion	Ratio	Lower	Upper
202	100		
101	327.6	10.1	15.1#
100	100.6	7.4	11.2#

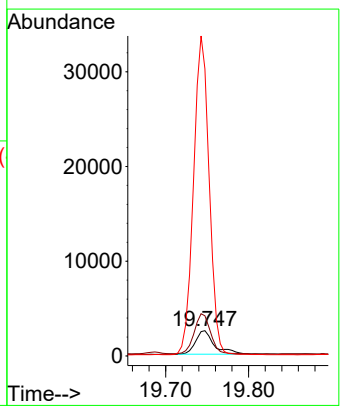


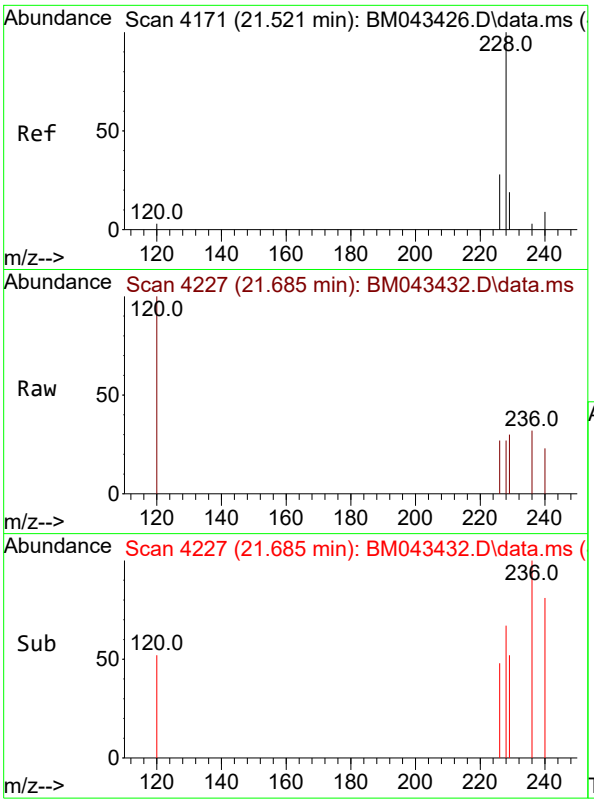


#20
Pyrene
Concen: 100.761 ng/ul
RT: 19.747 min Scan# 3660
Delta R.T. -0.028 min
Lab File: BM043432.D
Acq: 19 Dec 2023 18:17

Tgt Ion:202 Resp: 3950

Ion	Ratio	Lower	Upper
202	100		
101	158.9	12.7	19.1#
100	1133.8	9.8	14.8#



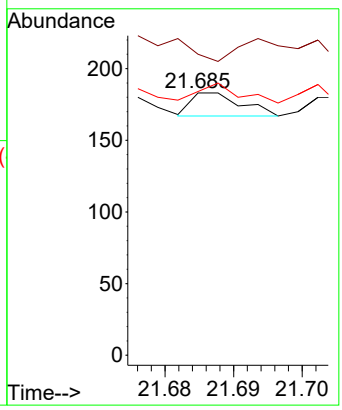


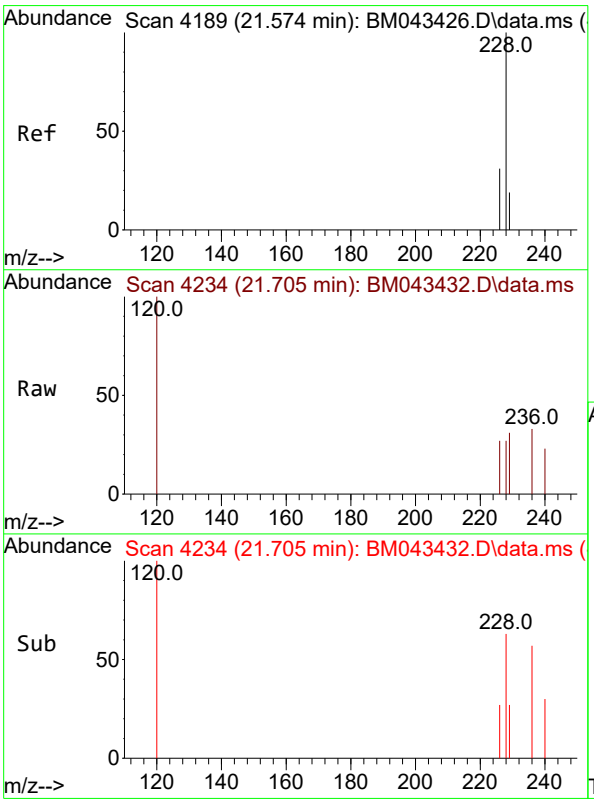
#21
Benzo(a)anthracene
Concen: 0.260 ng/ul
RT: 21.685 min Scan# 4
Delta R.T. 0.164 min
Lab File: BM043432.D
Acq: 19 Dec 2023 18:17

Instrument :
BNA_M
ClientSampleId :
BH3K5

Tgt Ion:228 Resp: 8

Ion	Ratio	Lower	Upper
228	100		
229	114.8	15.5	23.3#
226	100.5	22.6	34.0#

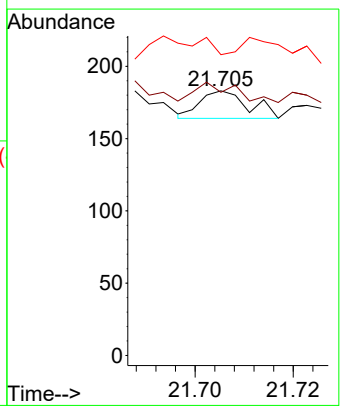


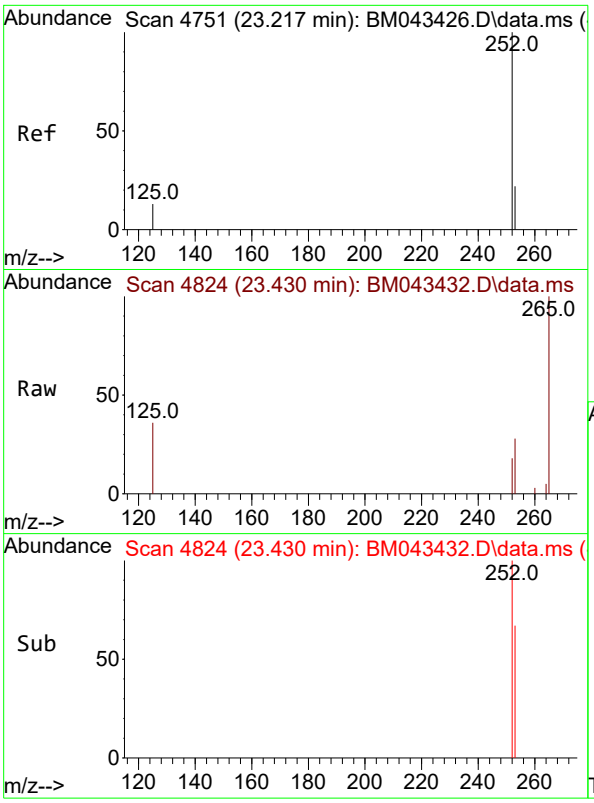


#22
Chrysene
Concen: 0.401 ng/ul
RT: 21.705 min Scan# 4234
Delta R.T. 0.131 min
Lab File: BM043432.D
Acq: 19 Dec 2023 18:17

Tgt Ion:228 Resp: 13

Ion	Ratio	Lower	Upper
228	100		
226	99.5	24.8	37.2#
229	113.7	15.7	23.5#



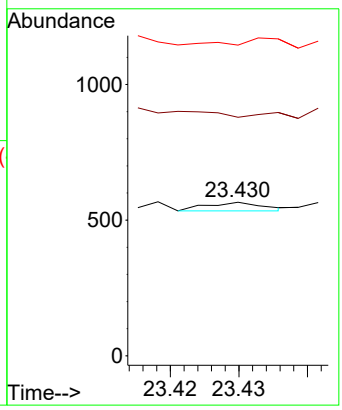


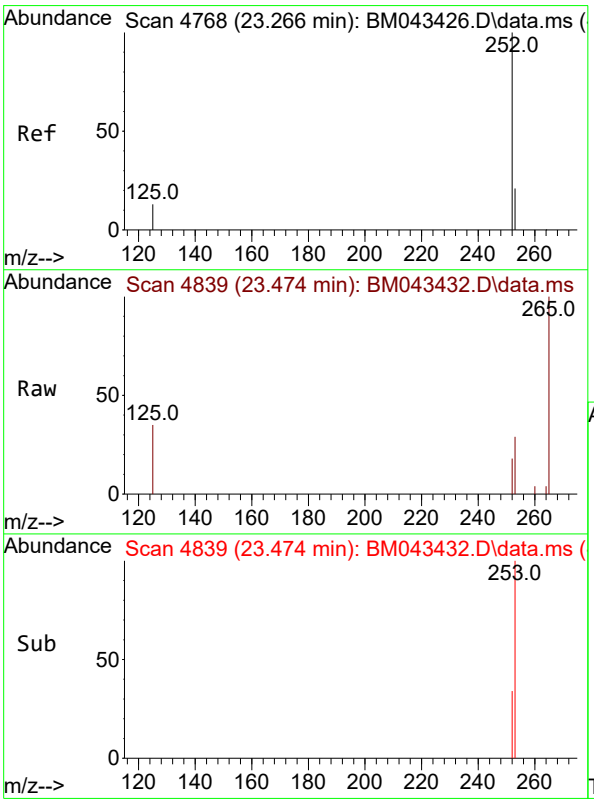
#24
Benzo(b)fluoranthene
Concen: 0.051 ng/ul
RT: 23.430 min Scan# 4
Delta R.T. 0.213 min
Lab File: BM043432.D
Acq: 19 Dec 2023 18:17

Instrument :
BNA_M
ClientSampleId :
BH3K5

Tgt Ion:252 Resp: 18

Ion	Ratio	Lower	Upper
252	100		
253	155.3	0.0	48.8#
125	202.3	0.0	29.2#

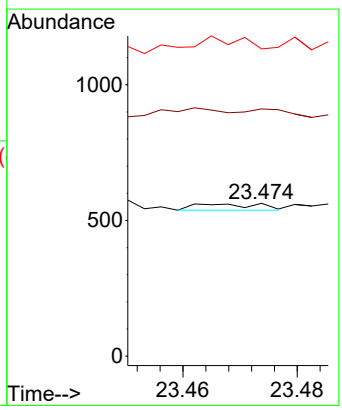


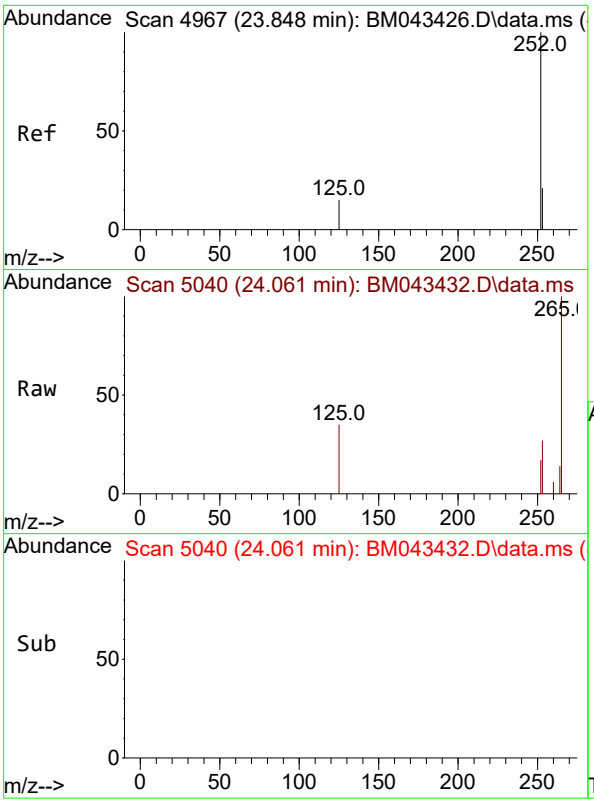


#25
Benzo(k)fluoranthene
Concen: 0.049 ng/ul
RT: 23.474 min Scan# 4839
Delta R.T. 0.208 min
Lab File: BM043432.D
Acq: 19 Dec 2023 18:17

Tgt Ion:252 Resp: 18

Ion	Ratio	Lower	Upper
252	100		
253	161.8	18.6	28.0#
125	201.1	11.8	17.8#



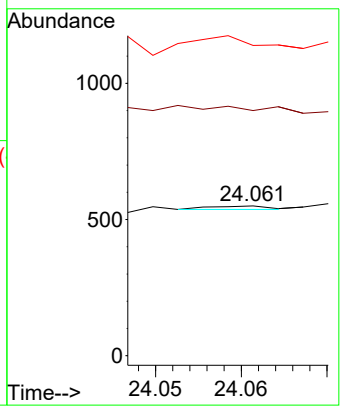


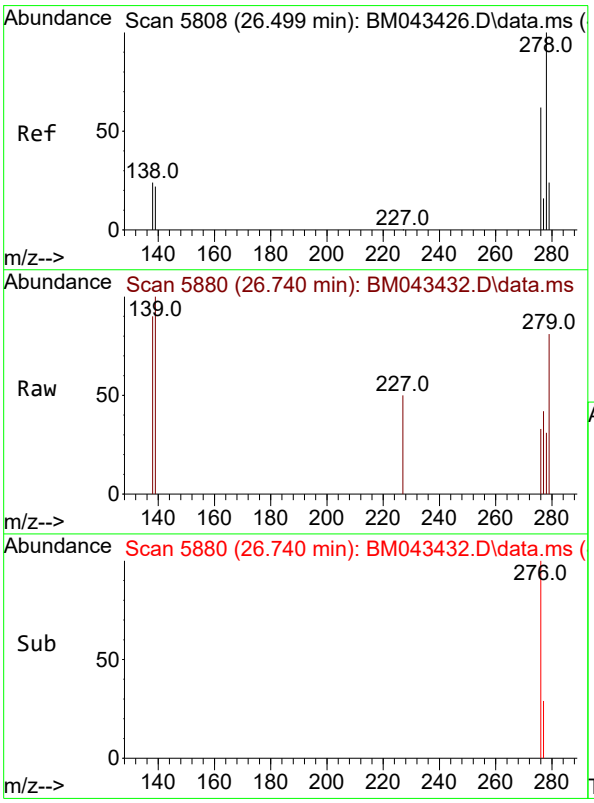
#26
Benzo(a)pyrene
Concen: 0.021 ng/ul
RT: 24.061 min Scan# 5
Delta R.T. 0.213 min
Lab File: BM043432.D
Acq: 19 Dec 2023 18:17

Instrument :
BNA_M
ClientSampleId :
BH3K5

Tgt Ion:252 Resp: 6

Ion	Ratio	Lower	Upper
252	100		
253	163.6	20.2	30.2#
125	207.1	13.5	20.3#

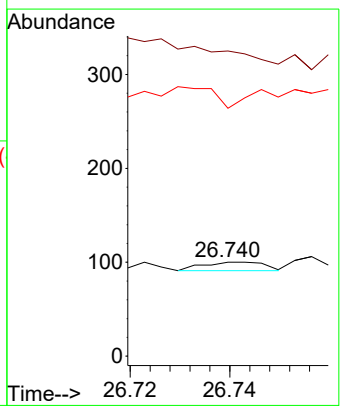


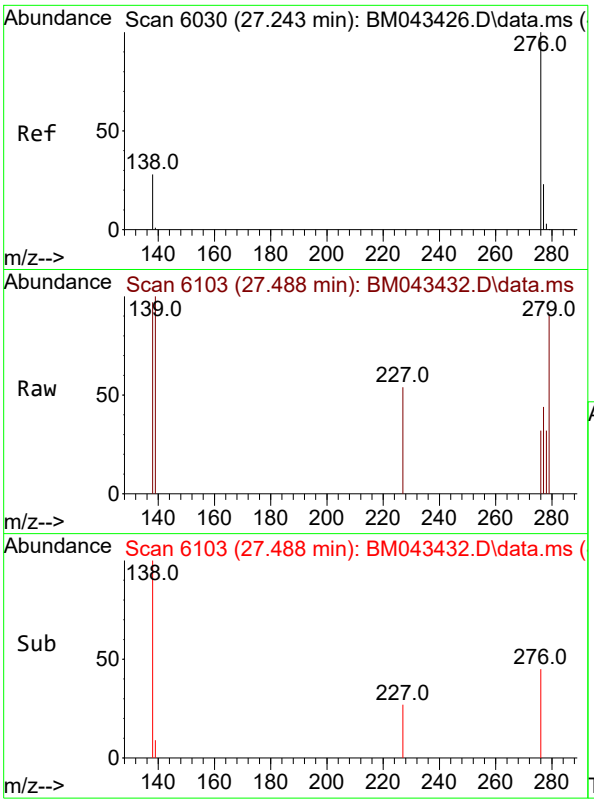


#28
Dibenzo(a,h)anthracene
Concen: 0.030 ng/ul
RT: 26.740 min Scan# 5880
Delta R.T. 0.241 min
Lab File: BM043432.D
Acq: 19 Dec 2023 18:17

Tgt Ion:278 Resp: 8

Ion	Ratio	Lower	Upper
278	100		
139	325.0	17.4	26.2#
279	264.0	20.9	31.3#





#29
Benzo(g,h,i)perylene
Concen: 0.032 ng/ul
RT: 27.488 min Scan# 6
Delta R.T. 0.244 min
Lab File: BM043432.D
Acq: 19 Dec 2023 18:17

Instrument :
BNA_M
ClientSampleId :
BH3K5

Tgt Ion:276 Resp: 9

Ion	Ratio	Lower	Upper
276	100		
138	301.0	23.1	34.7#
277	136.1	19.4	29.0#