Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121923\
Data File : BM043455.D
Acq On : 20 Dec 2023 09:16
Operator : MA/JU
Sample : 05894-14
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BH3M0

Quant Time: Dec 20 23:12:45 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	7.983	152	7000	0.400	ng/ul	0.00
4) Naphthalene-d8	10.790	136	23273	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.610	164	13101	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.455	188	2219652	0.400	ng/ul	# 0.10
17) Chrysene-d12	21.664	240	21	0.400	ng/ul	# 0.13
23) Perylene-d12	24.251	264	19	0.400	ng/ul	# 0.30
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.381	96	30776	3.480	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.374	152	10155	0.308	ng/ul	0.00
18) Fluoranthene-d10	0.000	212	0	0.000	ng/ul	
Target Compounds						Qvalue
8) 1-Methylnaphthalene	12.665	142	4030	0.089	ng/ul	99
19) Fluoranthene	19.515	202	9	0.076	ng/ul#	1
20) Pyrene	19.743	202	4484	38.128	ng/ul#	1
21) Benzo(a)anthracene	21.653	228	13	0.141	ng/ul#	1
22) Chrysene	21.708	228	2	0.021	ng/ul#	1
24) Benzo(b)fluoranthene	23.503	252	9	0.104	ng/ul#	1
25) Benzo(k)fluoranthene	23.550	252	19	0.212	ng/ul#	1
26) Benzo(a)pyrene	24.140	252	24	0.337	ng/ul#	1
27) Indeno(1,2,3-cd)pyrene	26.797	276	17	0.210	ng/ul#	92
28) Dibenzo(a,h)anthracene	26.850	278	3	0.047	ng/ul#	1
29) Benzo(g,h,i)perylene	27.585	276	2	0.029	ng/ul#	1

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

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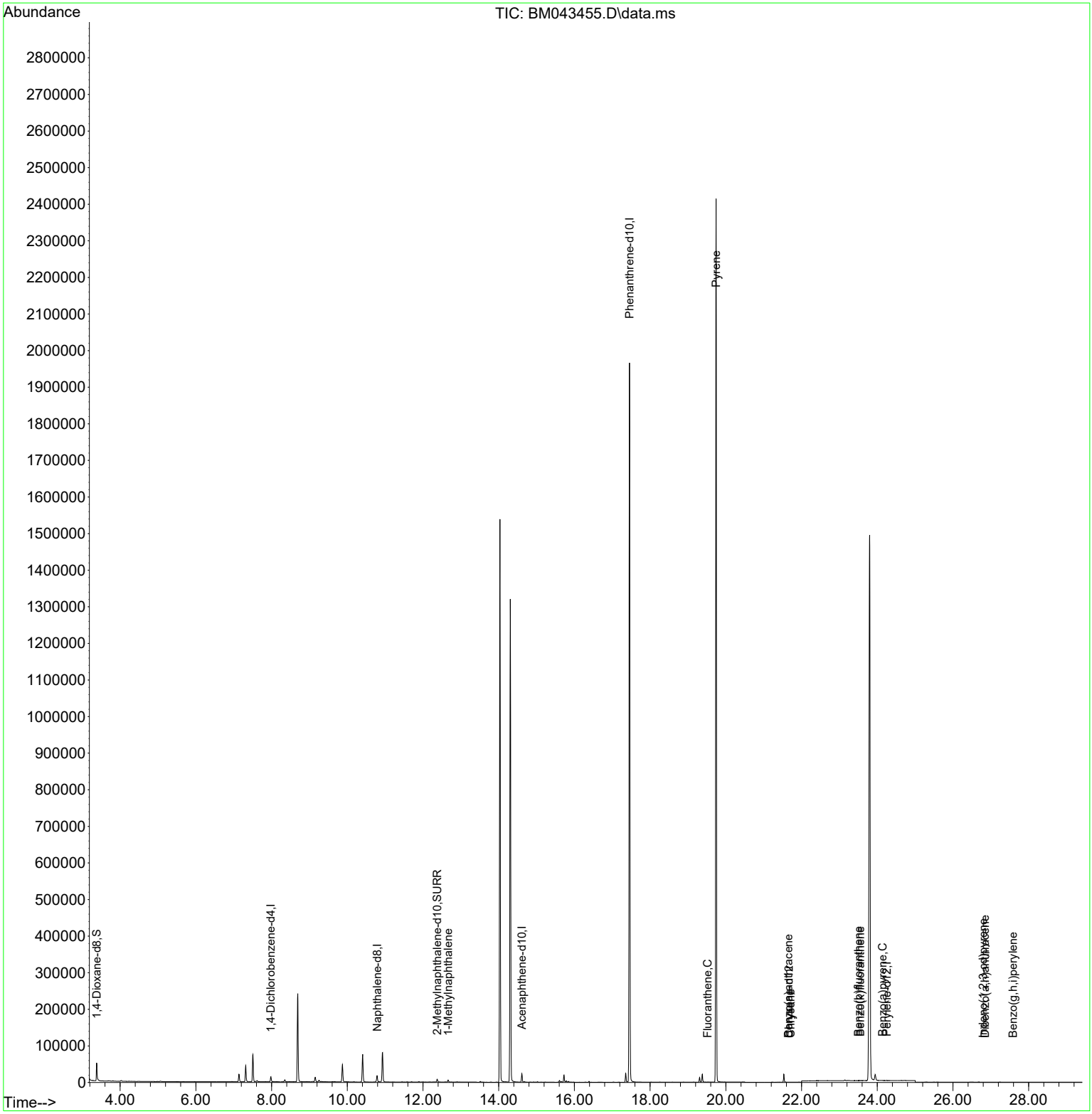
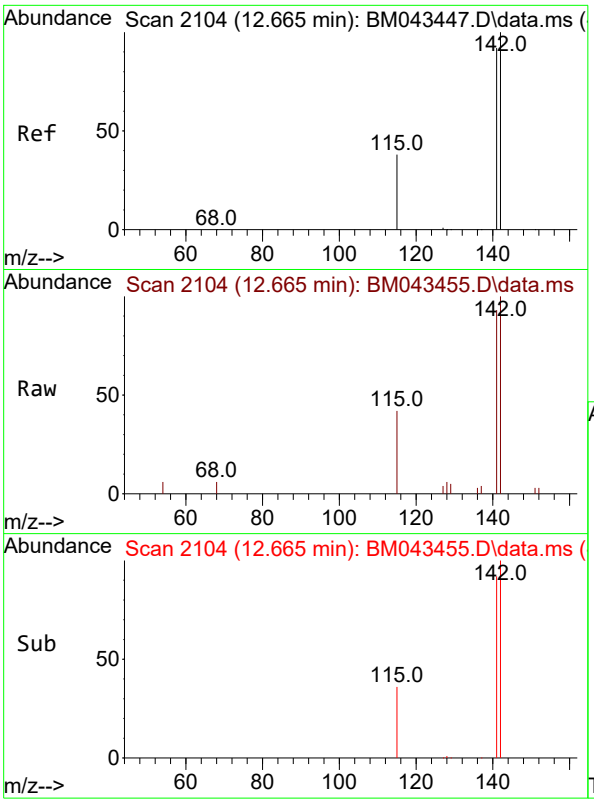
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM121123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 19 23:32:46 2023
Response via : Initial Calibration



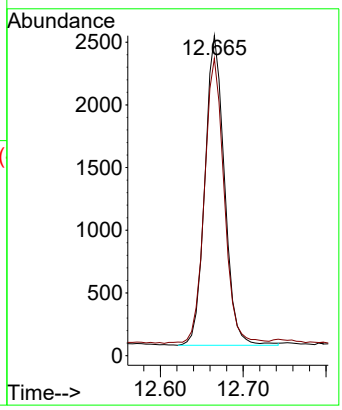


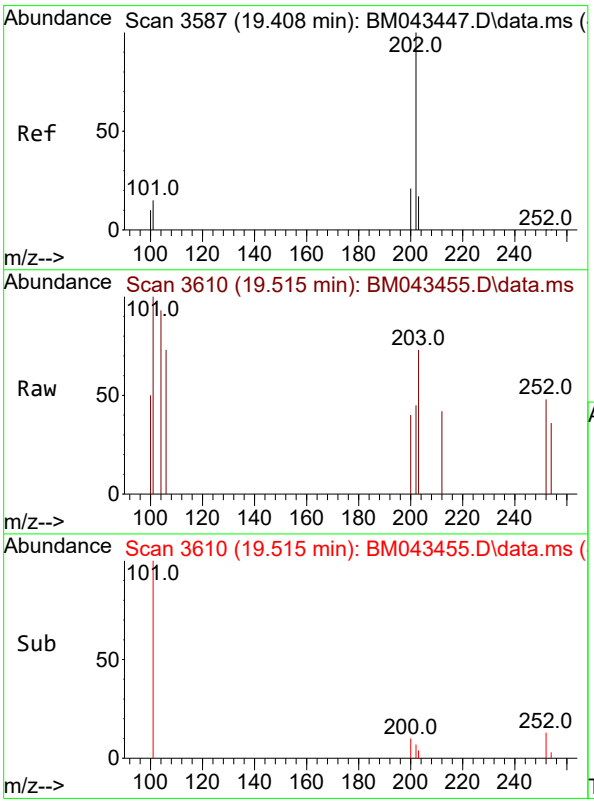
#8
1-Methylnaphthalene
Concen: 0.089 ng/ul
RT: 12.665 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM043455.D
Acq: 20 Dec 2023 09:16

Instrument :
BNA_M
ClientSampleId :
BH3M0

Tgt Ion:142 Resp: 4030

Ion	Ratio	Lower	Upper
142	100		
141	93.3	73.7	110.5

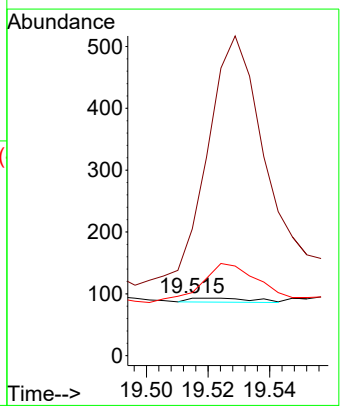


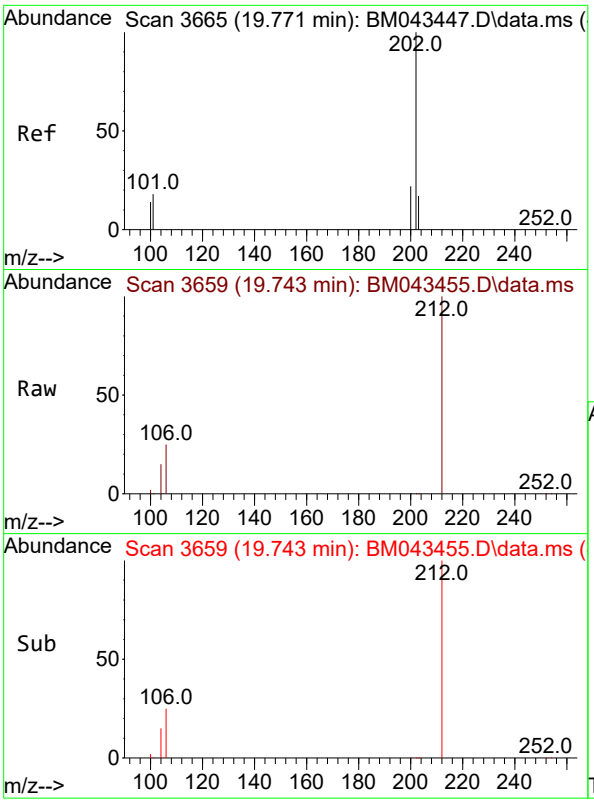


#19
Fluoranthene
Concen: 0.076 ng/ul
RT: 19.515 min Scan# 3610
Delta R.T. 0.102 min
Lab File: BM043455.D
Acq: 20 Dec 2023 09:16

Tgt Ion:202 Resp: 9

Ion	Ratio	Lower	Upper
202	100		
101	220.4	10.1	15.1#
100	109.7	7.4	11.2#



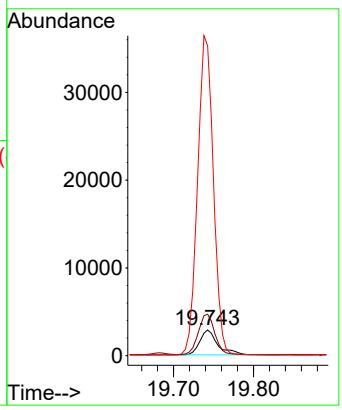


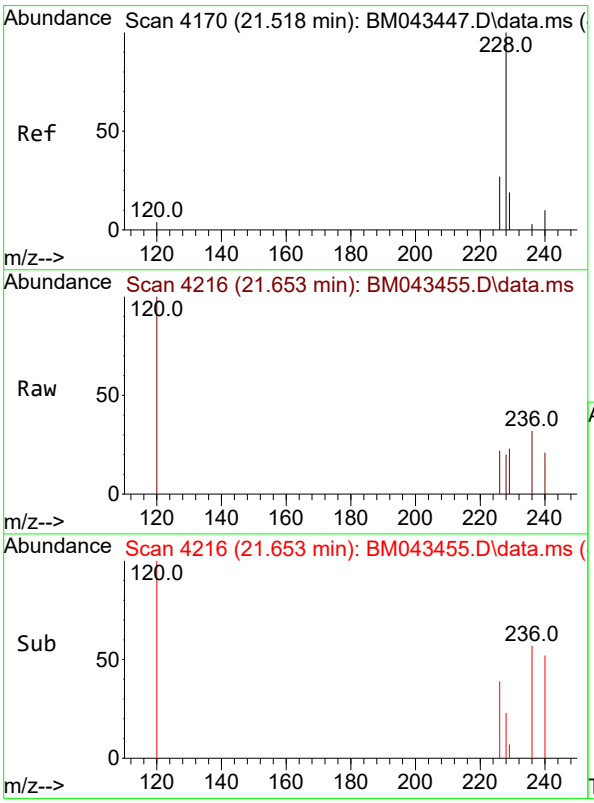
#20
Pyrene
Concen: 38.128 ng/ul
RT: 19.743 min Scan# 3
Delta R.T. -0.033 min
Lab File: BM043455.D
Acq: 20 Dec 2023 09:16

Instrument :
BNA_M
ClientSampleId :
BH3M0

Tgt Ion:202 Resp: 4484

Ion	Ratio	Lower	Upper
202	100		
101	160.6	12.7	19.1#
100	1199.2	9.8	14.8#

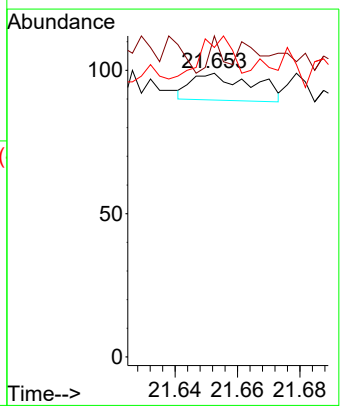


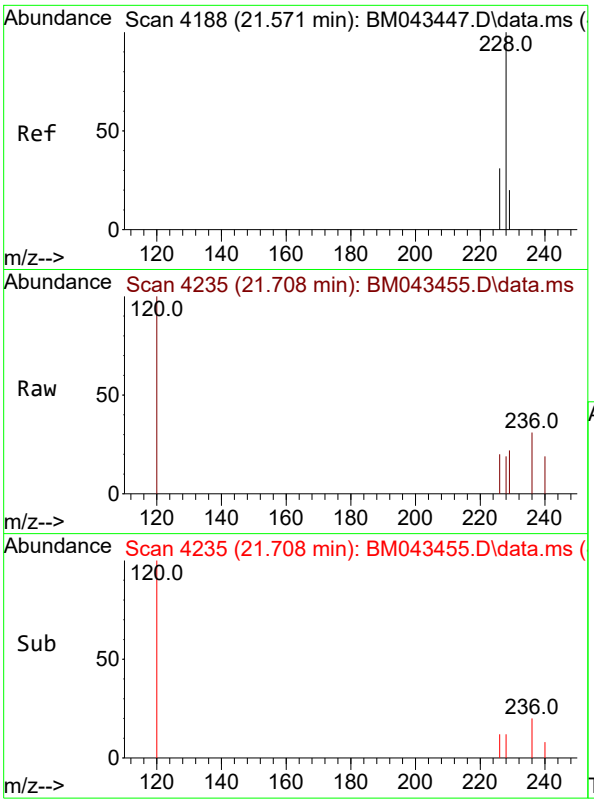


#21
Benzo(a)anthracene
Concen: 0.141 ng/ul
RT: 21.653 min Scan# 4216
Delta R.T. 0.131 min
Lab File: BM043455.D
Acq: 20 Dec 2023 09:16

Tgt Ion:228 Resp: 13

Ion	Ratio	Lower	Upper
228	100		
229	113.1	15.5	23.3#
226	109.1	22.6	34.0#



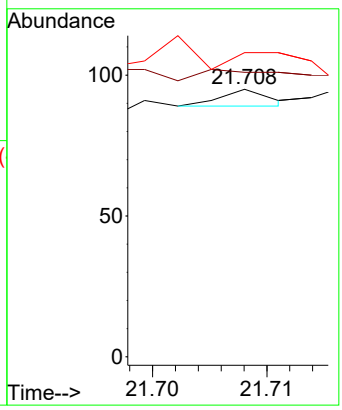


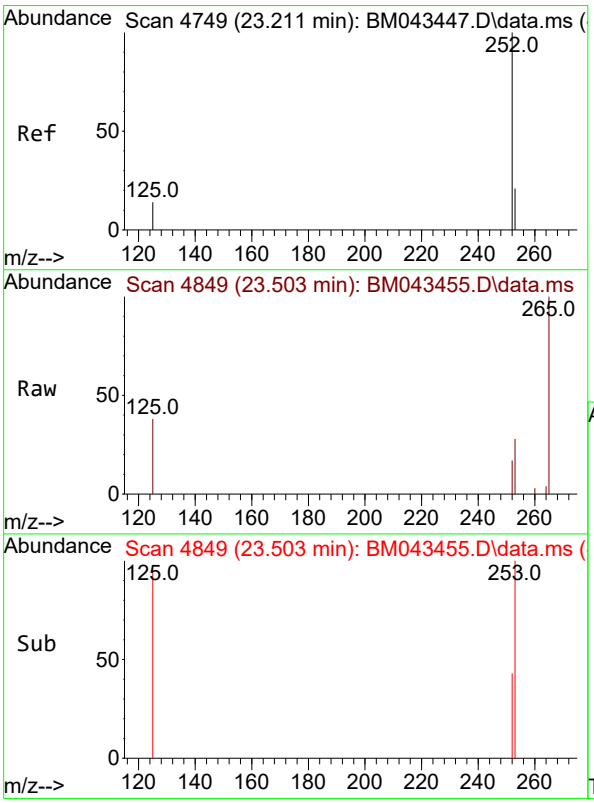
#22
Chrysene
Concen: 0.021 ng/ul
RT: 21.708 min Scan# 4
Delta R.T. 0.134 min
Lab File: BM043455.D
Acq: 20 Dec 2023 09:16

Instrument :
BNA_M
ClientSampleId :
BH3M0

Tgt Ion:228 Resp: 2

Ion	Ratio	Lower	Upper
228	100		
226	106.3	24.8	37.2#
229	113.7	15.7	23.5#

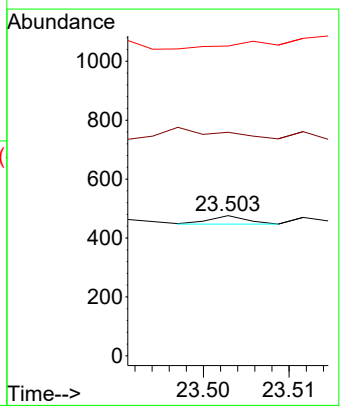


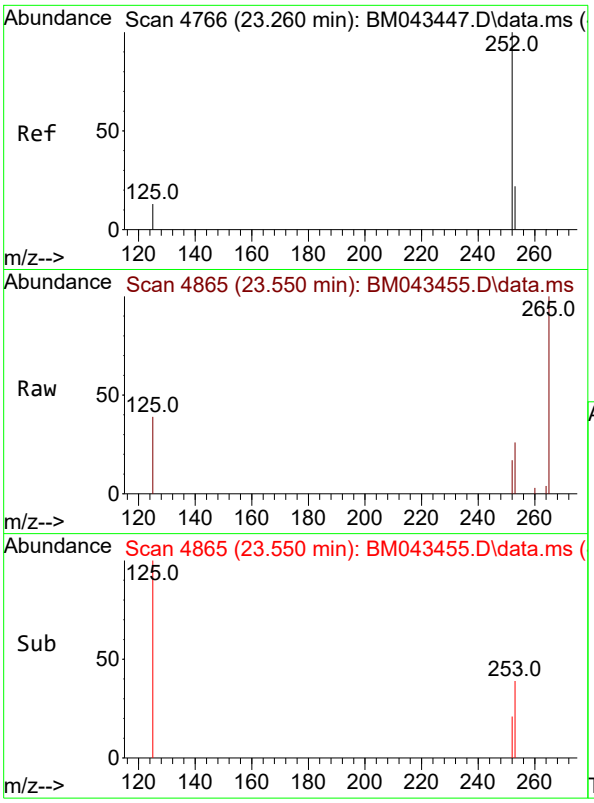


#24
Benzo(b)fluoranthene
Concen: 0.104 ng/ul
RT: 23.503 min Scan# 4849
Delta R.T. 0.286 min
Lab File: BM043455.D
Acq: 20 Dec 2023 09:16

Tgt Ion:252 Resp: 9

Ion	Ratio	Lower	Upper
252	100		
253	159.5	0.0	48.8#
125	221.0	0.0	29.2#



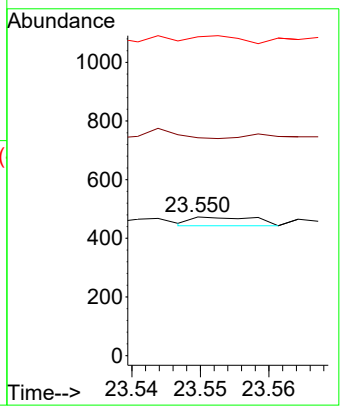


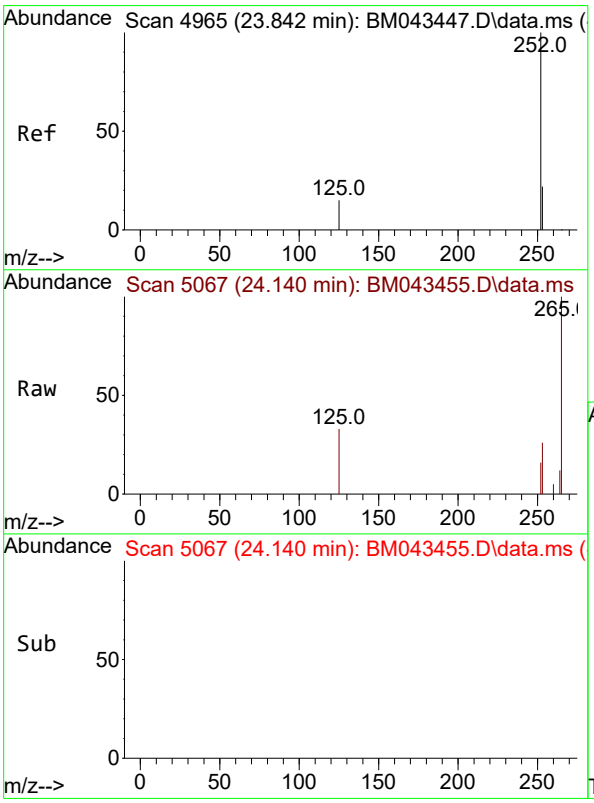
#25
Benzo(k)fluoranthene
Concen: 0.212 ng/ul
RT: 23.550 min Scan# 4
Delta R.T. 0.283 min
Lab File: BM043455.D
Acq: 20 Dec 2023 09:16

Instrument :
BNA_M
ClientSampleId :
BH3M0

Tgt Ion:252 Resp: 19

Ion	Ratio	Lower	Upper
252	100		
253	157.1	18.6	28.0#
125	229.8	11.8	17.8#

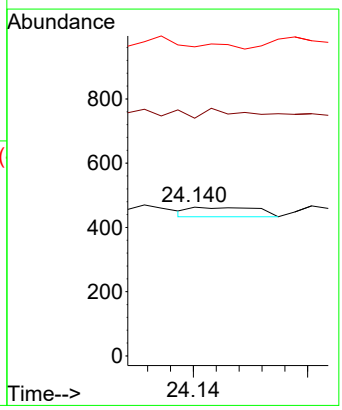


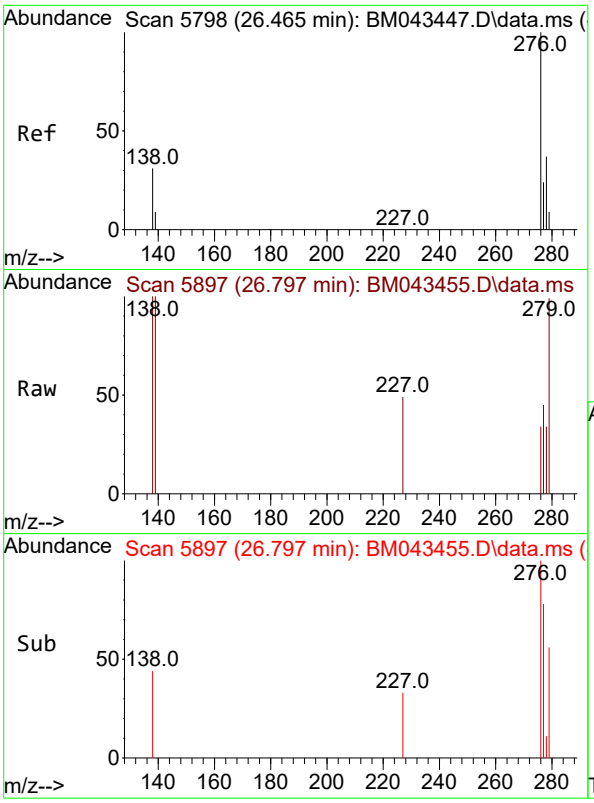


#26
Benzo(a)pyrene
Concen: 0.337 ng/ul
RT: 24.140 min Scan# 5067
Delta R.T. 0.292 min
Lab File: BM043455.D
Acq: 20 Dec 2023 09:16

Tgt Ion:252 Resp: 24

Ion	Ratio	Lower	Upper
252	100		
253	159.8	20.2	30.2#
125	207.8	13.5	20.3#



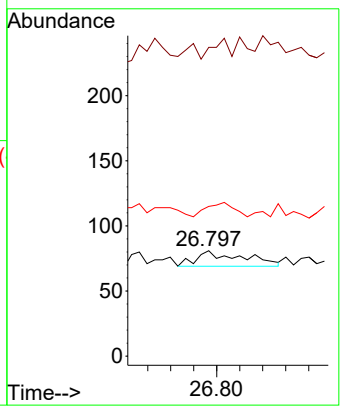


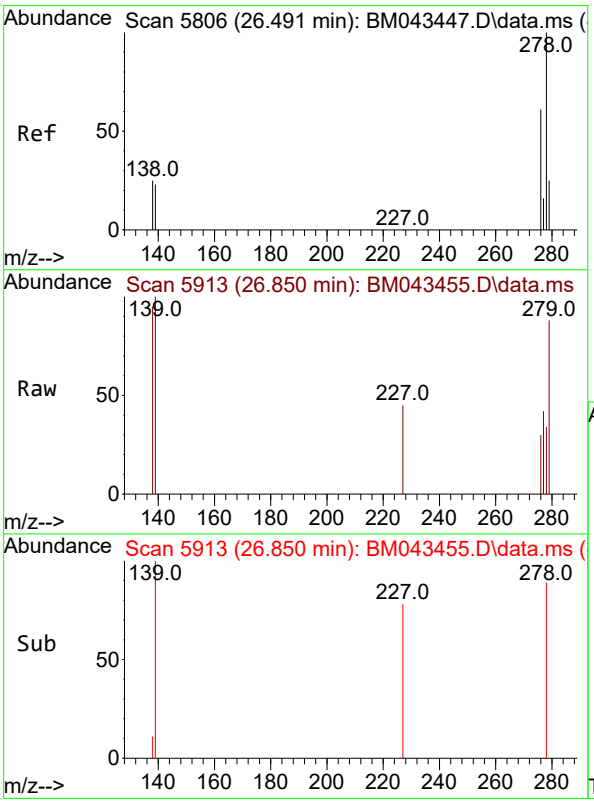
#27
Indeno(1,2,3-cd)pyrene
Concen: 0.210 ng/ul
RT: 26.797 min Scan# 5
Delta R.T. 0.321 min
Lab File: BM043455.D
Acq: 20 Dec 2023 09:16

Instrument :
BNA_M
ClientSampleId :
BH3M0

Tgt Ion:276 Resp: 17

Ion	Ratio	Lower	Upper
276	100		
138	35.3	24.6	36.8
227	0.0	0.0	0.0

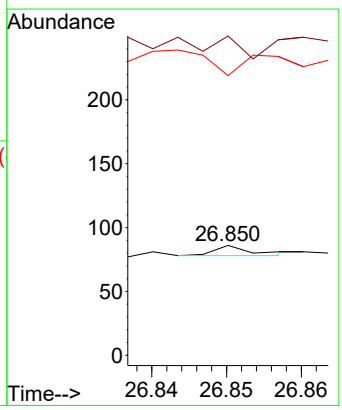


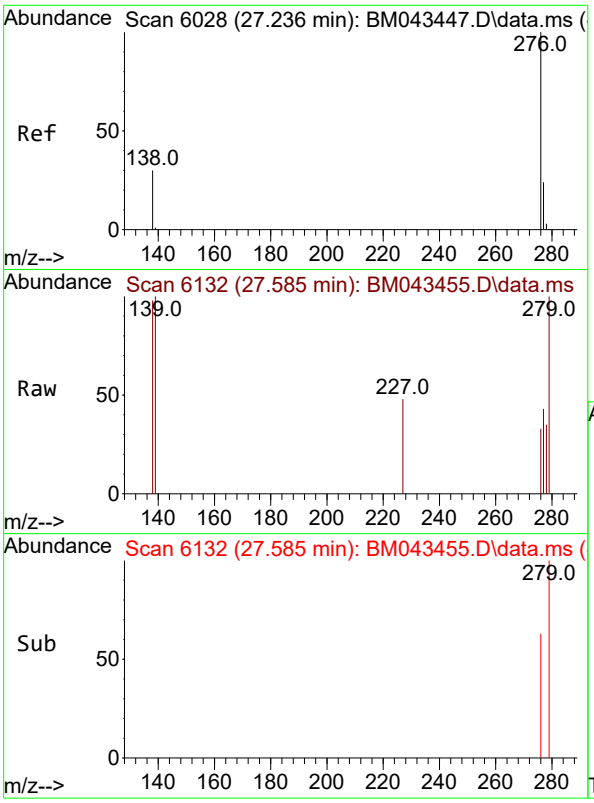


#28
Dibenzo(a,h)anthracene
Concen: 0.047 ng/ul
RT: 26.850 min Scan# 5913
Delta R.T. 0.352 min
Lab File: BM043455.D
Acq: 20 Dec 2023 09:16

Tgt Ion:278 Resp: 3

Ion	Ratio	Lower	Upper
278	100		
139	290.7	17.4	26.2#
279	254.7	20.9	31.3#





#29
Benzo(g,h,i)perylene
Concen: 0.029 ng/ul
RT: 27.585 min Scan# 6
Delta R.T. 0.341 min
Lab File: BM043455.D
Acq: 20 Dec 2023 09:16

Instrument :
BNA_M
ClientSampleId :
BH3M0

Tgt Ion:276 Resp: 2

Ion	Ratio	Lower	Upper
276	100		
138	294.8	23.1	34.7#
277	129.9	19.4	29.0#