Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122223\
Data File : BM043560.D
Acq On : 23 Dec 2023 05:15
Operator : MA/JU
Sample : 05927-11
Misc :
ALS Vial : 63 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BH3D4

Quant Time: Dec 25 00:23:42 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	7.975	152	6032	0.400	ng/ul	0.00
4) Naphthalene-d8	10.779	136	19184	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.606	164	9261	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.455	188	1496292	0.400	ng/ul	# 0.10
17) Chrysene-d12	21.641	240	63	0.400	ng/ul	# 0.10
23) Perylene-d12	24.251	264	229	0.400	ng/ul	# 0.30
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.376	96	18287	2.399	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.368	152	7859	0.289	ng/ul	-0.01
18) Fluoranthene-d10	0.000	212	0	0.000	ng/ul	
Target Compounds						Qvalue
2) 1,4-Dioxane	3.414	88	2535	0.332	ng/ul#	78
5) Naphthalene	10.829	128	1882	0.033	ng/ul#	86
7) 2-Methylnaphthalene	12.440	142	1306	0.035	ng/ul	99
12) Fluorene	15.601	166	3053	0.073	ng/ul#	13
20) Pyrene	19.738	202	2739	7.763	ng/ul#	1
21) Benzo(a)anthracene	21.635	228	19	0.069	ng/ul#	1
22) Chrysene	21.635	228	19	0.065	ng/ul#	1

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

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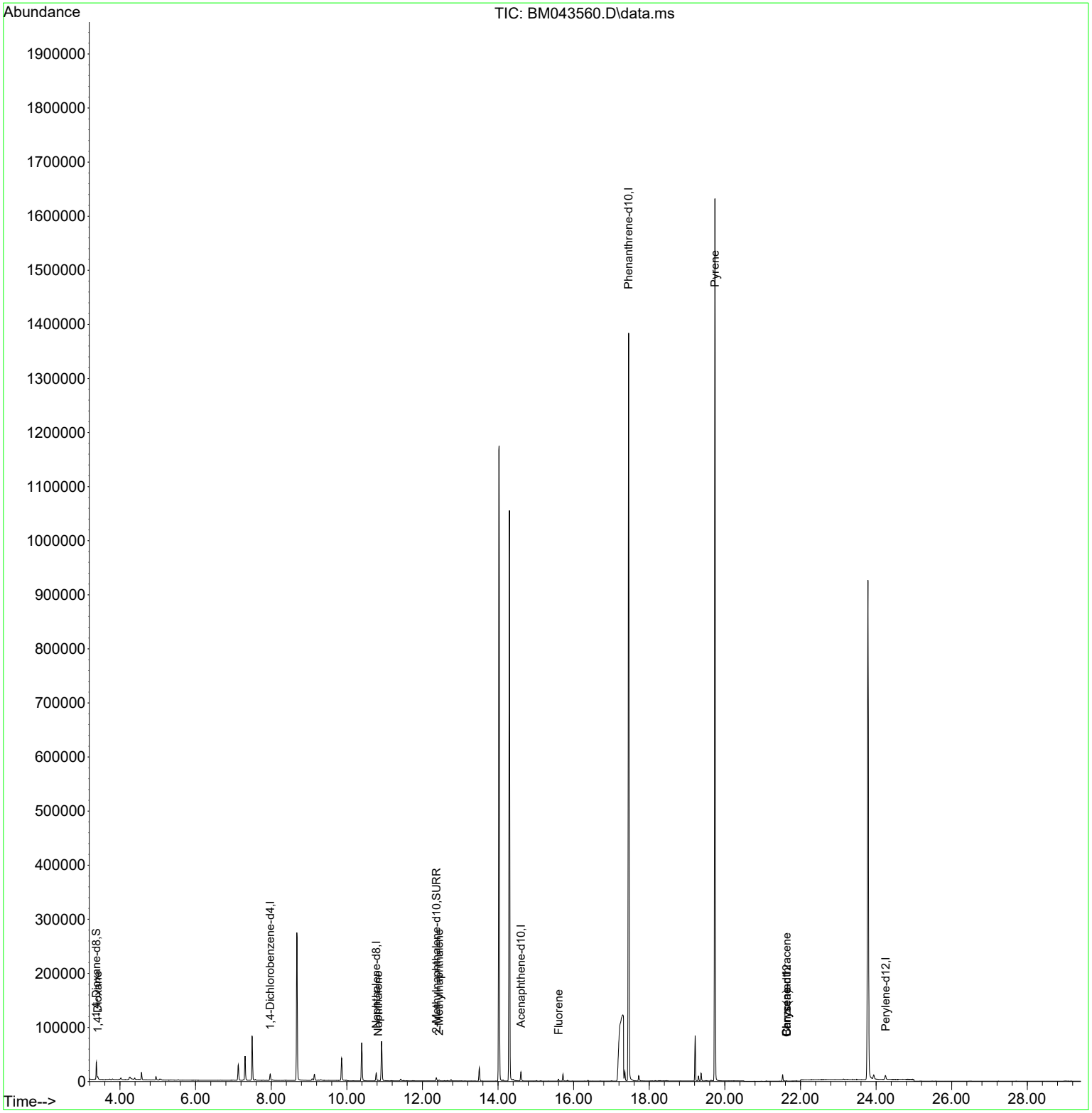
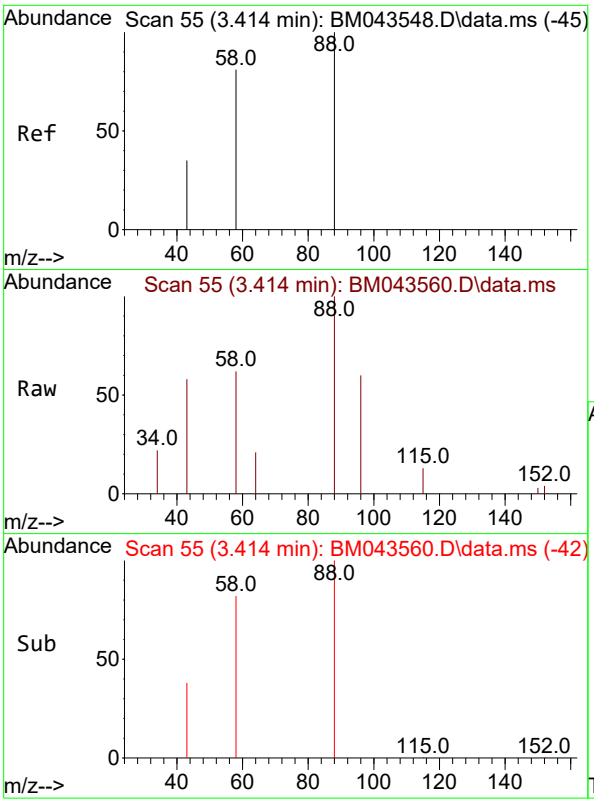


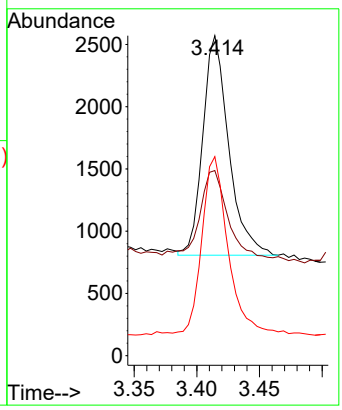


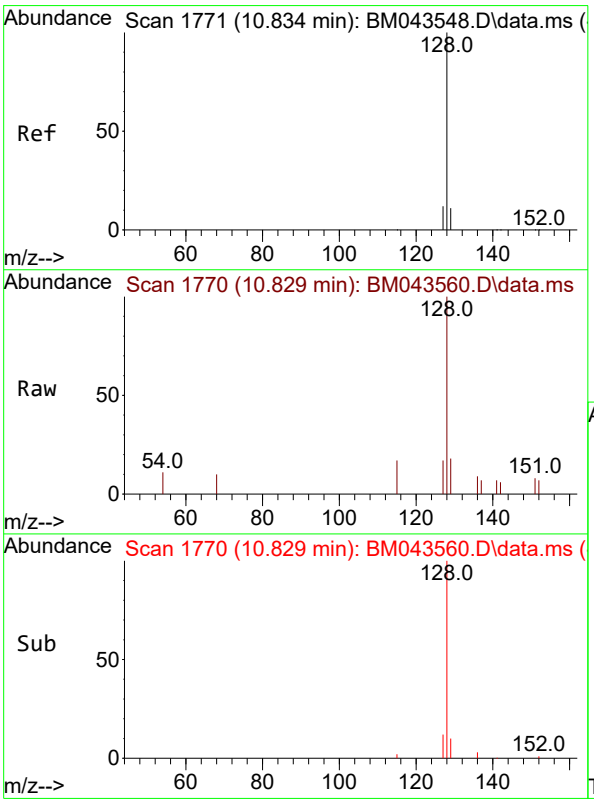
#2
1,4-Dioxane
Concen: 0.332 ng/ul
RT: 3.414 min Scan# 5
Delta R.T. -0.004 min
Lab File: BM043560.D
Acq: 23 Dec 2023 05:15

Instrument :
BNA_M
ClientSampleId :
BH3D4

Tgt Ion: 88 Resp: 2535

Ion	Ratio	Lower	Upper
88	100		
43	57.9	27.9	41.9#
58	62.2	43.4	65.2

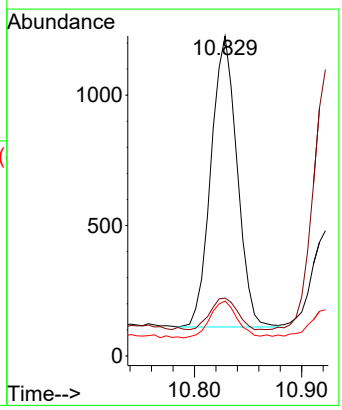


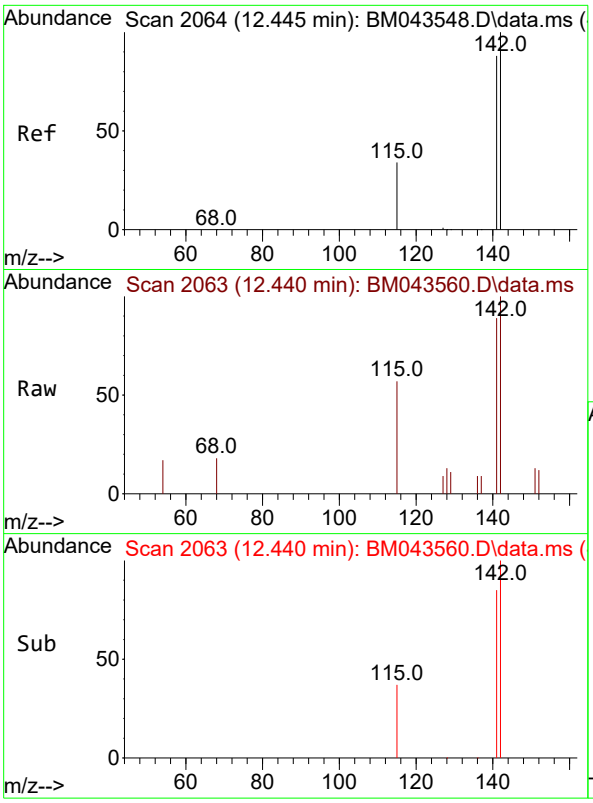


#5
Naphthalene
Concen: 0.033 ng/ul
RT: 10.829 min Scan# 1770
Delta R.T. -0.011 min
Lab File: BM043560.D
Acq: 23 Dec 2023 05:15

Tgt Ion:128 Resp: 1882

Ion	Ratio	Lower	Upper
128	100		
129	18.1	9.0	13.4#
127	17.1	10.3	15.5#



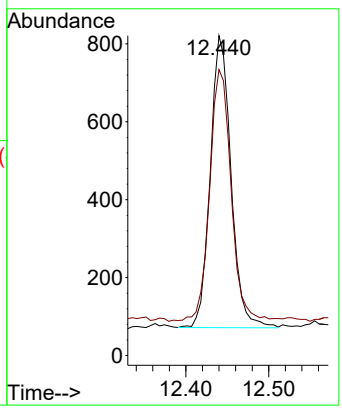


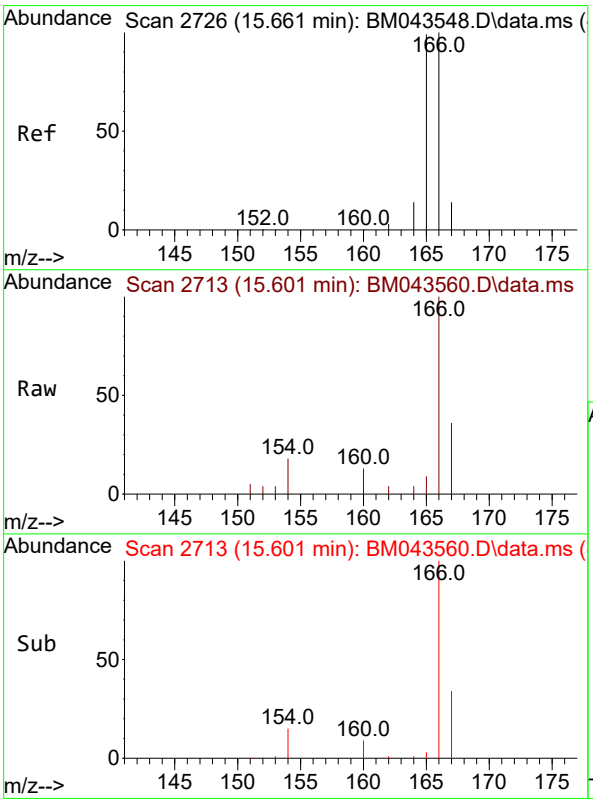
#7
2-Methylnaphthalene
Concen: 0.035 ng/ul
RT: 12.440 min Scan# 2
Delta R.T. -0.011 min
Lab File: BM043560.D
Acq: 23 Dec 2023 05:15

Instrument :
BNA_M
ClientSampleId :
BH3D4

Tgt Ion:142 Resp: 1306

Ion	Ratio	Lower	Upper
142	100		
141	87.9	70.9	106.3

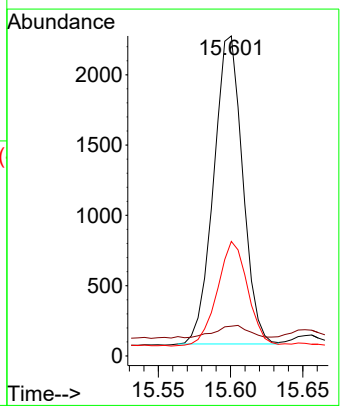


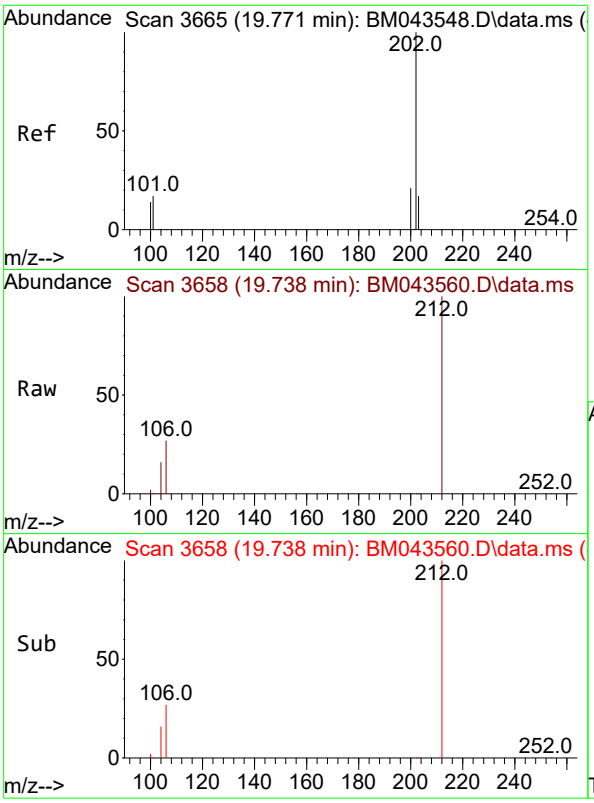


#12
Fluorene
Concen: 0.073 ng/ul
RT: 15.601 min Scan# 2713
Delta R.T. -0.065 min
Lab File: BM043560.D
Acq: 23 Dec 2023 05:15

Tgt Ion:166 Resp: 3053

Ion	Ratio	Lower	Upper
166	100		
165	9.3	80.3	120.5#
167	35.8	10.8	16.2#



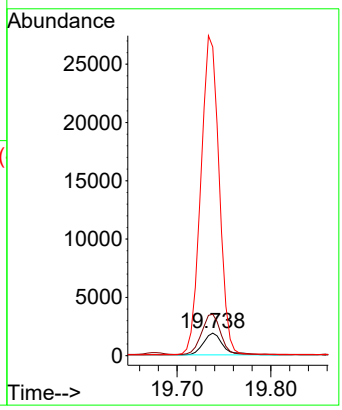


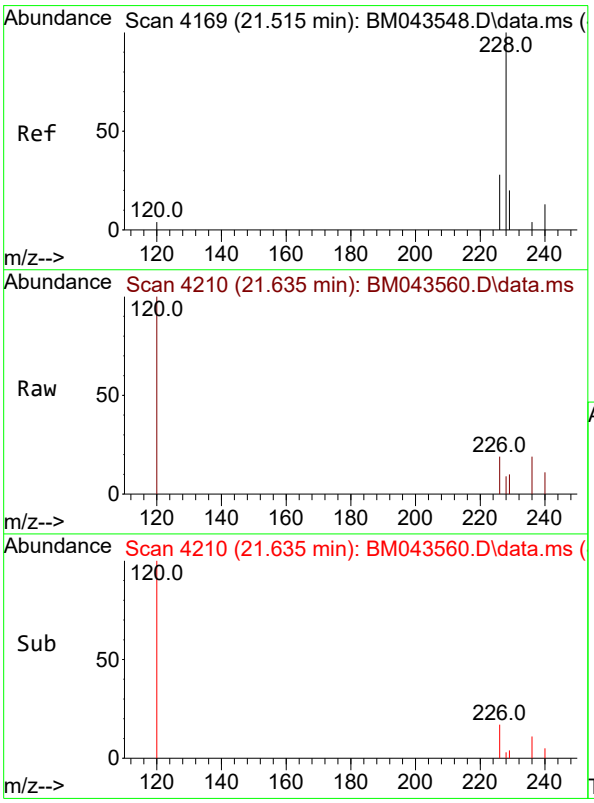
#20
Pyrene
Concen: 7.763 ng/ul
RT: 19.738 min Scan# 3
Delta R.T. -0.037 min
Lab File: BM043560.D
Acq: 23 Dec 2023 05:15

Instrument :
BNA_M
ClientSampleId :
BH3D4

Tgt Ion:202 Resp: 2739

Ion	Ratio	Lower	Upper
202	100		
101	183.8	12.7	19.1#
100	1366.4	9.8	14.8#

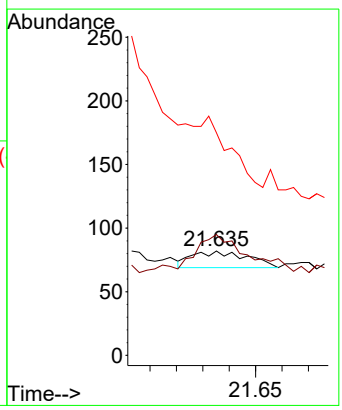


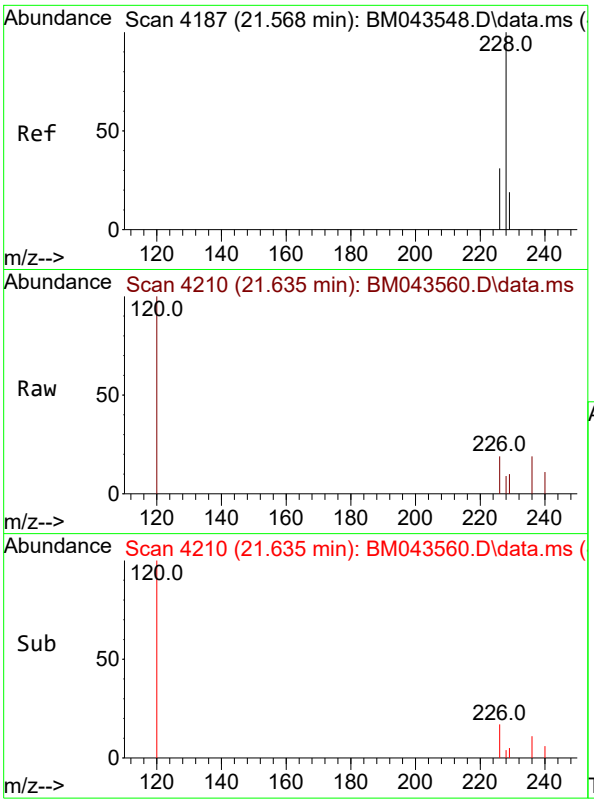


#21
Benzo(a)anthracene
Concen: 0.069 ng/ul
RT: 21.635 min Scan# 4210
Delta R.T. 0.114 min
Lab File: BM043560.D
Acq: 23 Dec 2023 05:15

Tgt Ion:228 Resp: 19

Ion	Ratio	Lower	Upper
228	100		
229	115.9	15.5	23.3#
226	213.4	22.6	34.0#





#22
Chrysene
Concen: 0.065 ng/ul
RT: 21.635 min Scan# 4
Delta R.T. 0.061 min
Lab File: BM043560.D
Acq: 23 Dec 2023 05:15

Instrument :
BNA_M
ClientSampleId :
BH3D4

Tgt Ion:228 Resp: 19

Ion	Ratio	Lower	Upper
228	100		
226	213.4	24.8	37.2#
229	115.9	15.7	23.5#