

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101121\
 Data File : BM032433.D
 Acq On : 11 Oct 2021 23:03
 Operator : CG/JU
 Sample : M4029-13
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C00R8

Quant Time: Oct 12 01:03:00 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM100521.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Oct 11 11:06:33 2021
 Response via : Initial Calibration

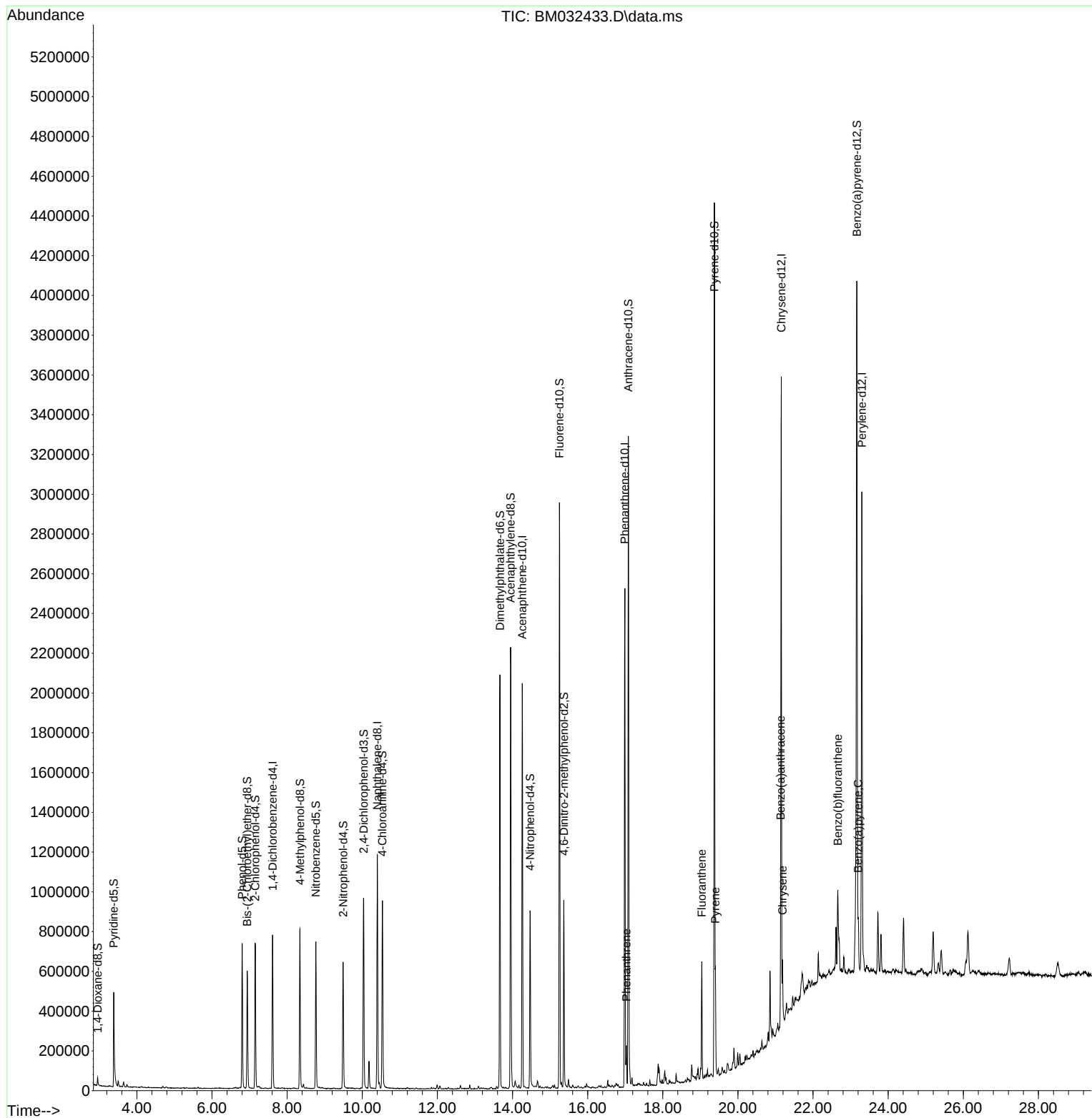
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.613	152	203556	20.000	ng/u1	0.00
20) Naphthalene-d8	10.401	136	934313	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.260	164	655726	20.000	ng/u1	0.00
64) Phenanthrene-d10	16.989	188	1372737	20.000	ng/u1	0.00
79) Chrysene-d12	21.153	240	1404872	20.000	ng/u1	0.00
88) Perylene-d12	23.300	264	1519525	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.955	96	21508	4.236	ng/uL	0.00
4) Pyridine-d5	3.384	84	274138	19.114	ng/u1	0.00
7) Phenol-d5	6.801	99	412834	23.850	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.937	67	251545	25.310	ng/u1	0.00
11) 2-Chlorophenol-d4	7.154	132	337875	25.565	ng/u1	0.00
15) 4-Methylphenol-d8	8.342	113	298547	21.354	ng/u1	0.00
21) Nitrobenzene-d5	8.766	128	175412	26.609	ng/u1	0.00
24) 2-Nitrophenol-d4	9.489	143	200936	28.278	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.036	165	349456	24.705	ng/u1	0.00
31) 4-Chloroaniline-d4	10.536	131	498441	23.890	ng/u1	0.00
46) Dimethylphthalate-d6	13.666	166	1321612	29.123	ng/u1	0.00
49) Acenaphthylene-d8	13.948	160	1518022	27.536	ng/u1	0.00
54) 4-Nitrophenol-d4	14.471	143	212904	23.889	ng/u1	0.00
60) Fluorene-d10	15.248	176	1107013	28.764	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.366	200	180728	23.101	ng/u1	0.00
73) Anthracene-d10	17.083	188	1757334	29.409	ng/u1	0.00
81) Pyrene-d10	19.371	212	2185464	30.922	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.165	264	2287914	30.066	ng/u1	0.00
Target Compounds						
					Qvalue	
72) Phenanthrene	17.030	178	116243	1.641	ng/u1	99
80) Fluoranthene	19.036	202	331802	3.805	ng/u1	99
82) Pyrene	19.401	202	272278	3.039	ng/u1	99
85) Benzo(a)anthracene	21.136	228	186474	2.201	ng/u1	97
87) Chrysene	21.189	228	164453	1.971	ng/u1	99
90) Benzo(b)fluoranthene	22.659	252	250064	2.705	ng/u1#	96
93) Benzo(a)pyrene	23.200	252	150328	1.719	ng/u1	98

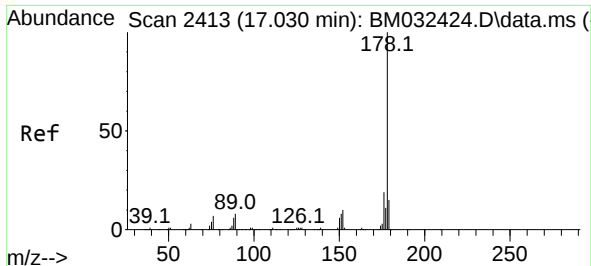
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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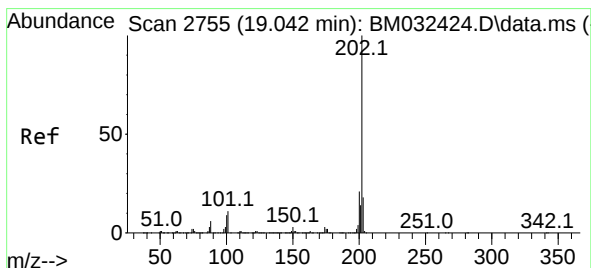
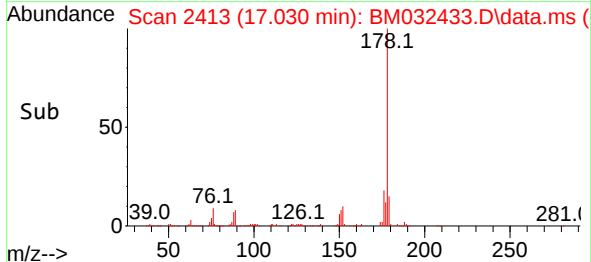
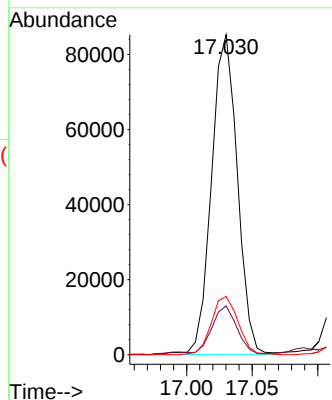
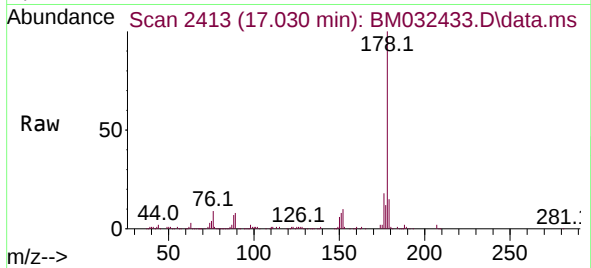




#72
Phenanthrene
Concen: 1.641 ng/ul
RT: 17.030 min Scan# 2413
Delta R.T. -0.006 min
Lab File: BM032433.D
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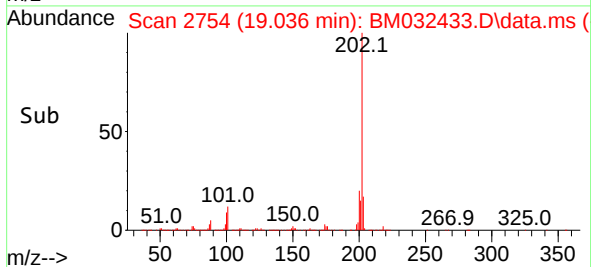
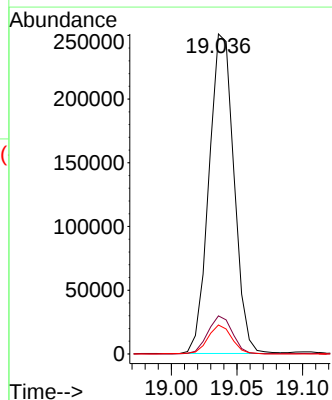
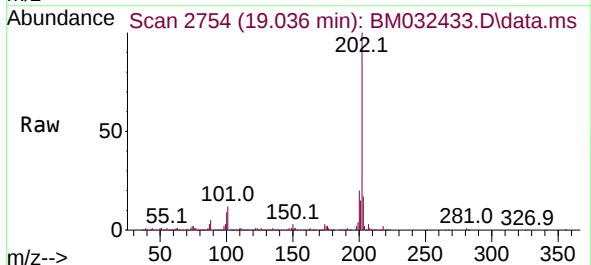
Instrument :
BNA_M
ClientSampled :
C00R8

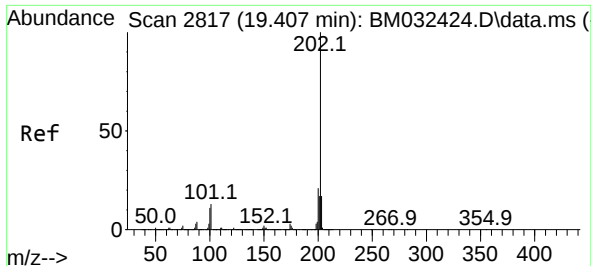
Tgt Ion:178 Resp: 116243
Ion Ratio Lower Upper
178 100
179 15.3 12.2 18.2
176 18.2 15.4 23.0



#80
Fluoranthene
Concen: 3.805 ng/ul
RT: 19.036 min Scan# 2754
Delta R.T. -0.006 min
Lab File: BM032433.D
Acq: 11 Oct 2021 23:03

Tgt Ion:202 Resp: 331802
Ion Ratio Lower Upper
202 100
101 11.9 9.1 13.7
100 9.0 7.0 10.4

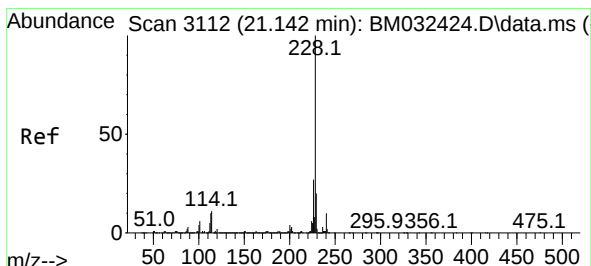
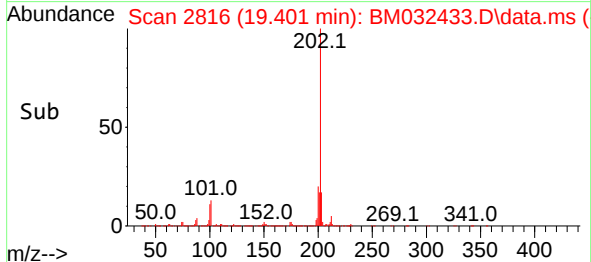
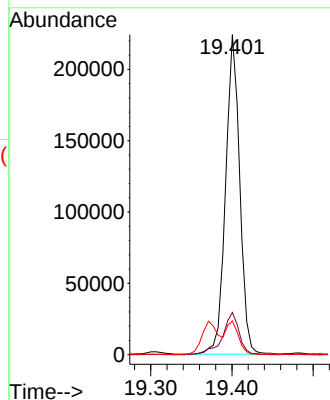
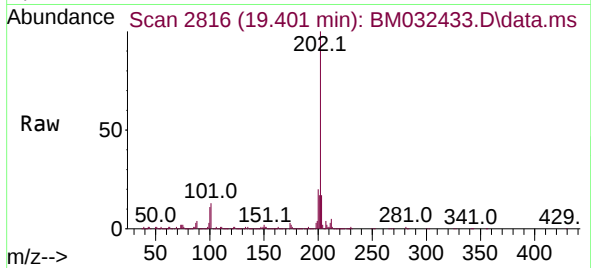




#82
Pyrene
Concen: 3.039 ng/ul
RT: 19.401 min Scan# 2816
Delta R.T. -0.006 min
Lab File: BM032433.D
Acq: 11 Oct 2021 23:03

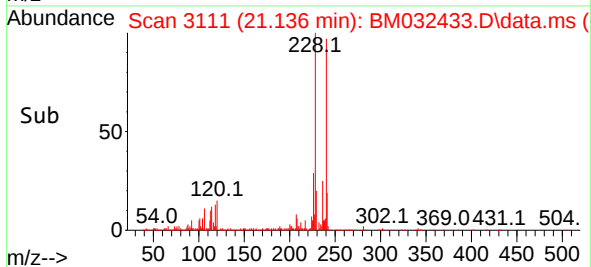
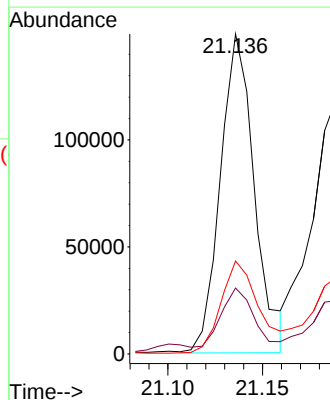
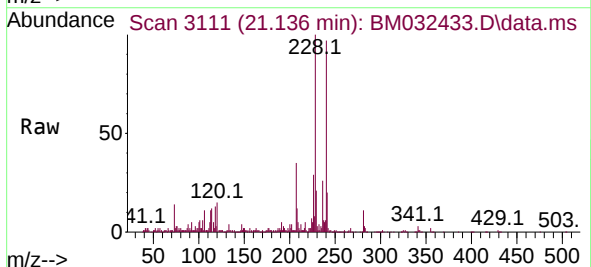
Instrument :
BNA_M
ClientSampled :
C00R8

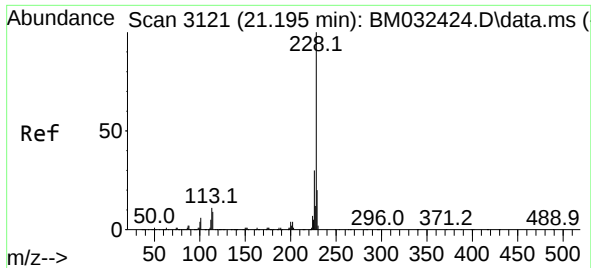
Tgt Ion:202 Resp: 272278
Ion Ratio Lower Upper
202 100
101 13.2 10.3 15.5
100 10.6 8.1 12.1



#85
Benzo(a)anthracene
Concen: 2.201 ng/ul
RT: 21.136 min Scan# 3111
Delta R.T. -0.006 min
Lab File: BM032433.D
Acq: 11 Oct 2021 23:03

Tgt Ion:228 Resp: 186474
Ion Ratio Lower Upper
228 100
229 20.6 15.6 23.4
226 29.1 21.8 32.6

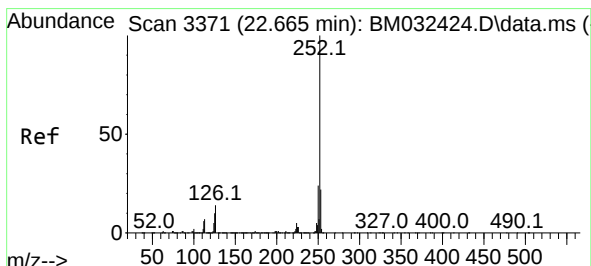
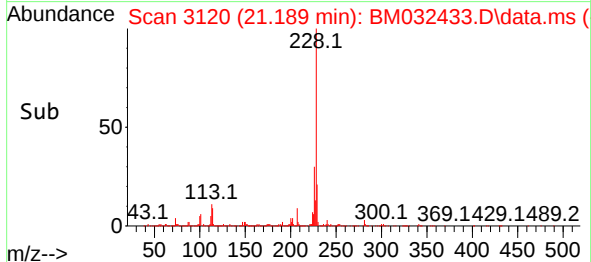
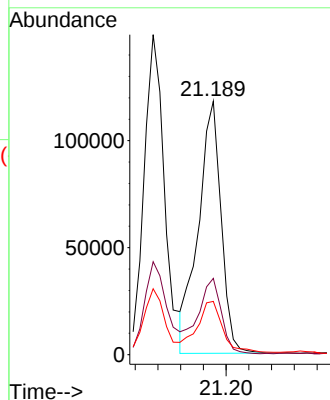
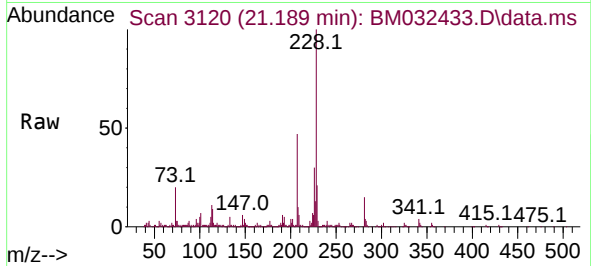




#87
Chrysene
Concen: 1.971 ng/ul
RT: 21.189 min Scan# 3120
Delta R.T. -0.006 min
Lab File: BM032433.D
Acq: 11 Oct 2021 23:03

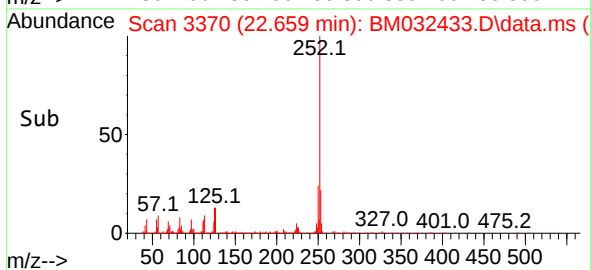
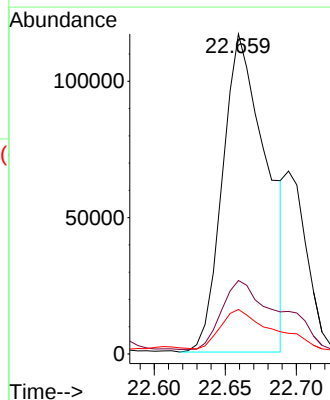
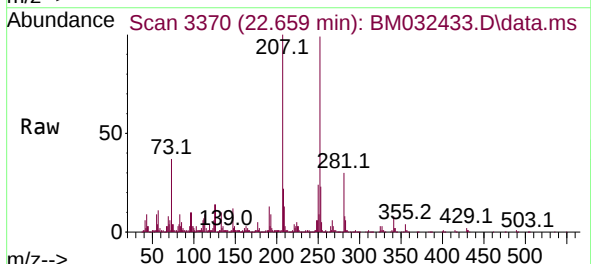
Instrument :
BNA_M
ClientSampled :
C00R8

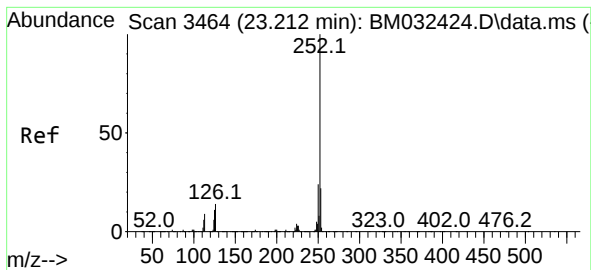
Tgt Ion:228	Resp: 164453
Ion Ratio	Lower Upper
228	100
226	30.1 24.1 36.1
229	21.0 15.5 23.3



#90
Benzo(b)fluoranthene
Concen: 2.705 ng/ul
RT: 22.659 min Scan# 3370
Delta R.T. -0.006 min
Lab File: BM032433.D
Acq: 11 Oct 2021 23:03

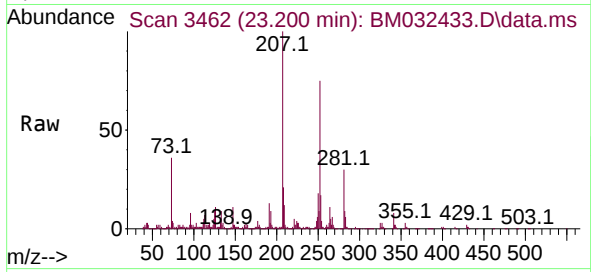
Tgt Ion:252	Resp: 250064
Ion Ratio	Lower Upper
252	100
253	23.0 17.6 26.4
125	13.9 8.2 12.4





#93
 Benzo(a)pyrene
 Concen: 1.719 ng/ul
 RT: 23.200 min Scan# 3462
 Delta R.T. -0.012 min
 Lab File: BM032433.D
 Acq: 11 Oct 2021 23:03

Instrument :
 BNA_M
 ClientSampleId :
 C00R8



Tgt Ion:252	Resp:	150328
Ion Ratio	Lower	Upper
252	100	
253	22.8	17.8 26.6
125	12.4	9.2 13.8

