

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120922\
 Data File : BM037912.D
 Acq On : 09 Dec 2022 12:12
 Operator : CG/JU
 Sample : N5832-10DL 25X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DBXK7DL

Quant Time: Dec 09 21:47:31 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120722.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Dec 09 21:34:57 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

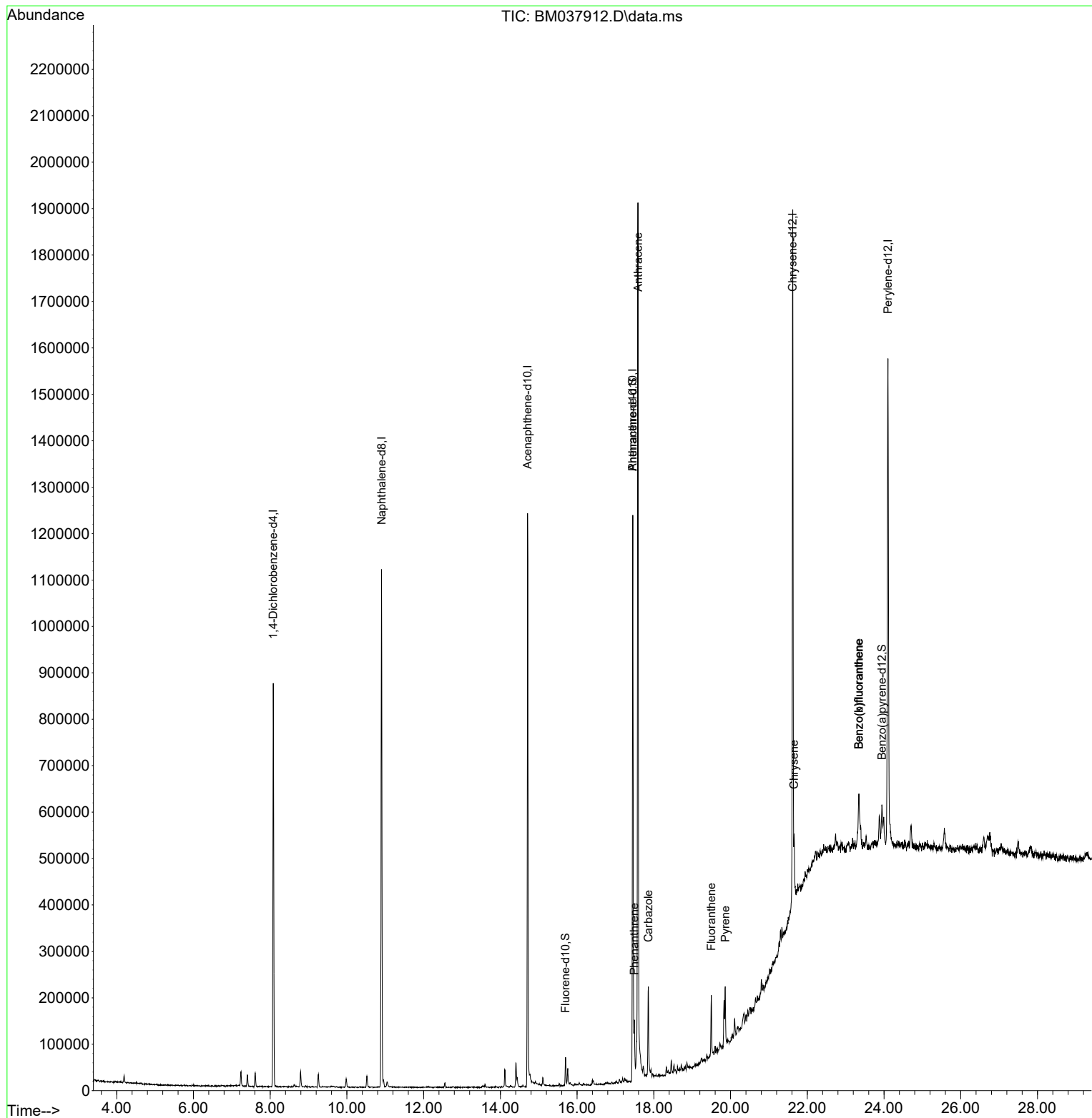
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.081	152	234270	20.000	ng/ul	0.00
20) Naphthalene-d8	10.904	136	901787	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.710	164	431208	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.451	188	807196	20.000	ng/ul	0.00
79) Chrysene-d12	21.621	240	737877	20.000	ng/ul	0.00
88) Perylene-d12	24.103	264	824234	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.428	96	1023	0.198	ng/uL	0.00
4) Pyridine-d5	3.863	84	292	0.019	ng/ul	0.00
7) Phenol-d5	7.239	99	15977	0.839	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.404	67	11291	0.974	ng/ul	0.00
11) 2-Chlorophenol-d4	7.610	132	14111	0.904	ng/ul	0.00
15) 4-Methylphenol-d8	8.792	113	12497	0.841	ng/ul	0.00
21) Nitrobenzene-d5	9.251	128	6219	0.871	ng/ul	0.00
24) 2-Nitrophenol-d4	9.986	143	5744	0.768	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.522	165	10819	0.761	ng/ul	0.00
31) 4-Chloroaniline-d4	11.051	131	6344	0.323	ng/ul	0.01
46) Dimethylphthalate-d6	14.121	166	26704	0.869	ng/ul	0.00
49) Acenaphthylene-d8	14.404	160	36116	0.961	ng/ul	0.00
54) 4-Nitrophenol-d4	14.927	143	1472	0.281	ng/ul	0.02
60) Fluorene-d10	15.698	176	27594	1.007	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.821	200	640	0.148	ng/ul	0.00
73) Anthracene-d10	17.451	188	807196	21.427	ng/ul	-0.10
81) Pyrene-d10	19.833	212	44072	0.994	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.944	264	43749	1.063	ng/ul	0.00
Target Compounds						
					Qvalue	
72) Phenanthrene	17.492	178	54898	1.245	ng/ul	97
74) Anthracene	17.586	178	1309117	29.223	ng/ul	98
77) Carbazole	17.856	167	143224	3.690	ng/ul	99
80) Fluoranthene	19.497	202	81744	1.563	ng/ul	98
82) Pyrene	19.862	202	80824	1.485	ng/ul#	94
87) Chrysene	21.656	228	87108	1.869	ng/ul	99
90) Benzo(b)fluoranthene	23.344	252	110108	2.155	ng/ul#	93
91) Benzo(k)fluoranthene	23.344	252	110108	2.223	ng/ul#	93

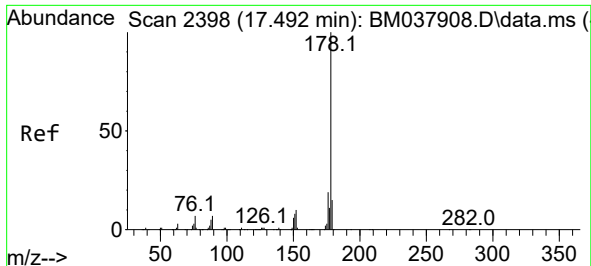
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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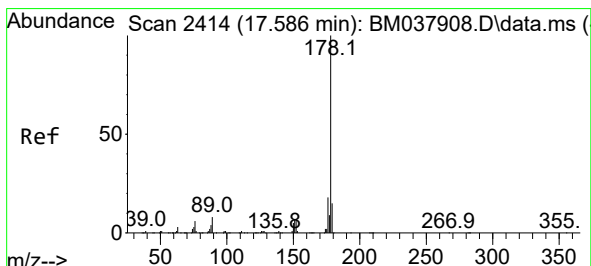
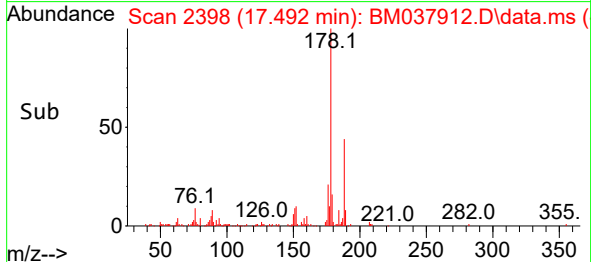
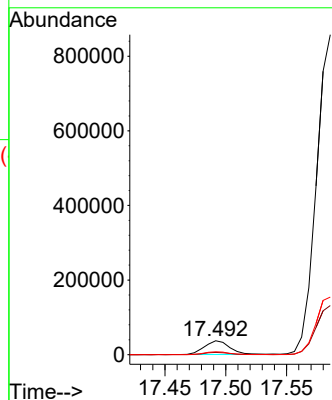
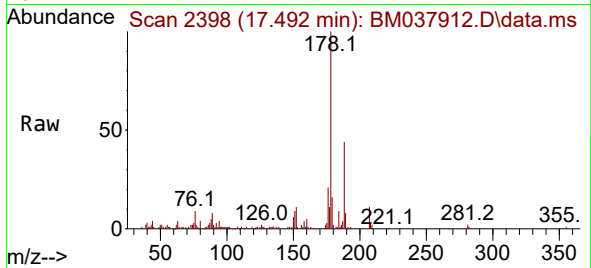




#72
Phenanthrene
Concen: 1.245 ng/ul
RT: 17.492 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM037912.D
Acq: 09 Dec 2022 12:12

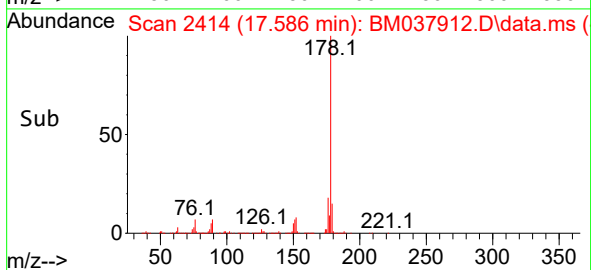
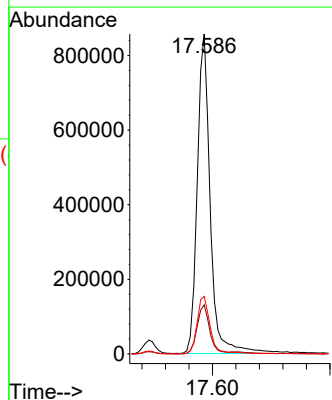
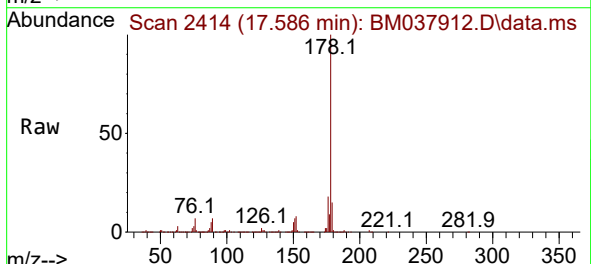
Instrument :
BNA_M
ClientSampleId :
DBXK7DL

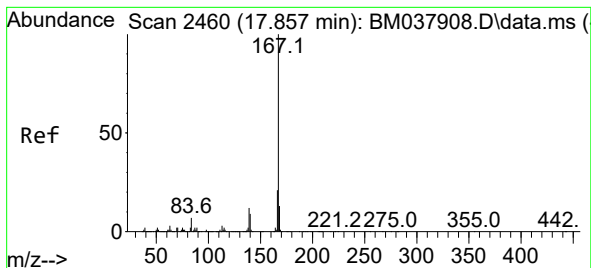
Tgt Ion:178 Resp: 54898
Ion Ratio Lower Upper
178 100
179 16.0 12.2 18.2
176 20.6 15.4 23.0



#74
Anthracene
Concen: 29.223 ng/ul
RT: 17.586 min Scan# 2414
Delta R.T. -0.000 min
Lab File: BM037912.D
Acq: 09 Dec 2022 12:12

Tgt Ion:178 Resp: 1309117
Ion Ratio Lower Upper
178 100
179 15.3 11.8 17.8
176 18.0 15.0 22.6





#77

Carbazole

Concen: 3.690 ng/ul

RT: 17.856 min Scan# 2460

Delta R.T. -0.000 min

Lab File: BM037912.D

Acq: 09 Dec 2022 12:12

Instrument :

BNA_M

ClientSampleId :

DBXK7DL

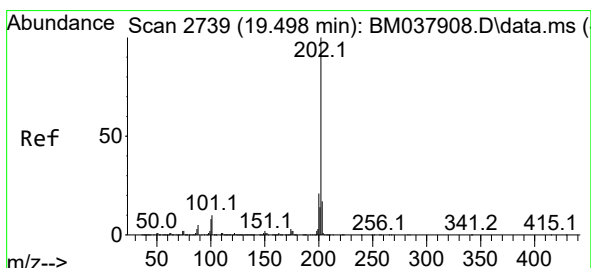
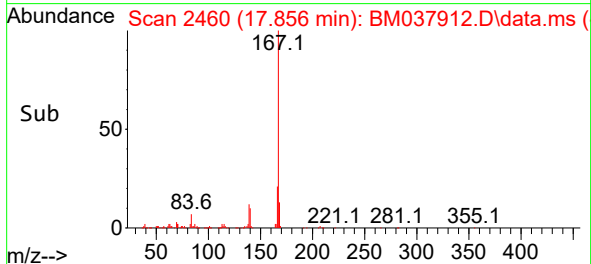
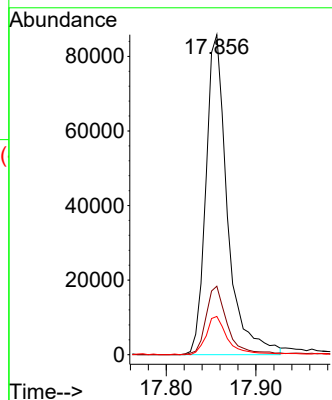
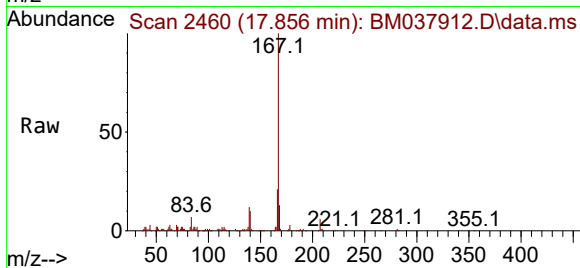
Tgt Ion:167 Resp: 143224

Ion Ratio Lower Upper

167 100

166 21.4 16.7 25.1

139 12.0 9.8 14.6



#80

Fluoranthene

Concen: 1.563 ng/ul

RT: 19.497 min Scan# 2739

Delta R.T. -0.000 min

Lab File: BM037912.D

Acq: 09 Dec 2022 12:12

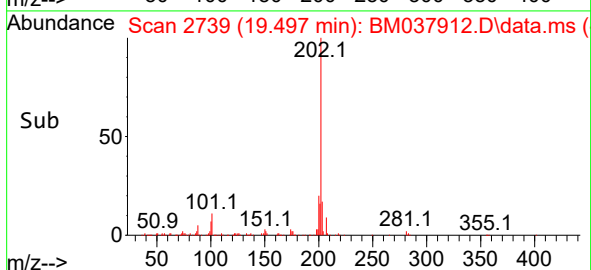
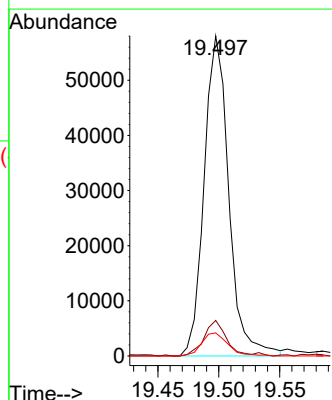
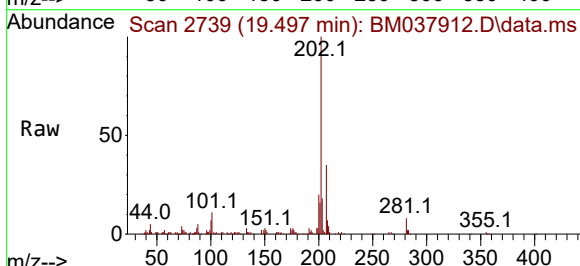
Tgt Ion:202 Resp: 81744

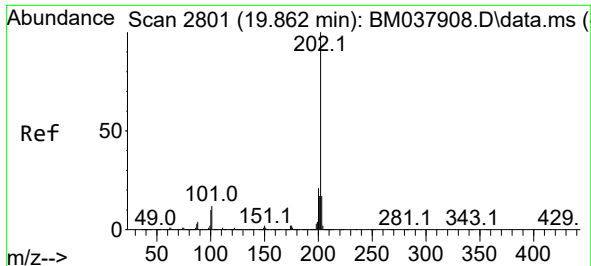
Ion Ratio Lower Upper

202 100

101 11.1 8.6 13.0

100 7.2 6.6 10.0

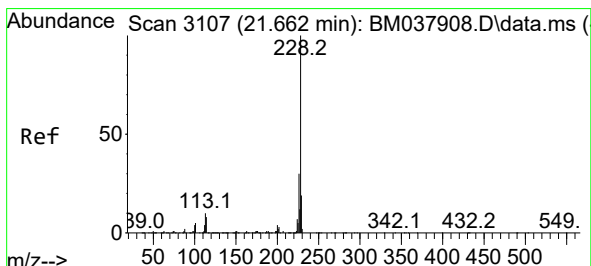
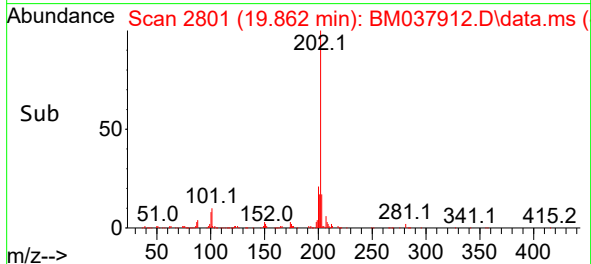
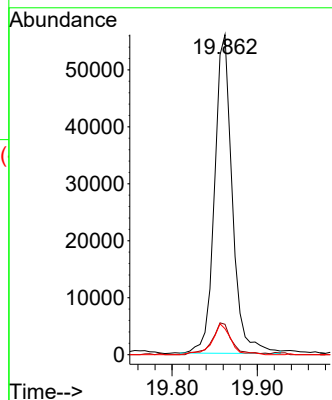
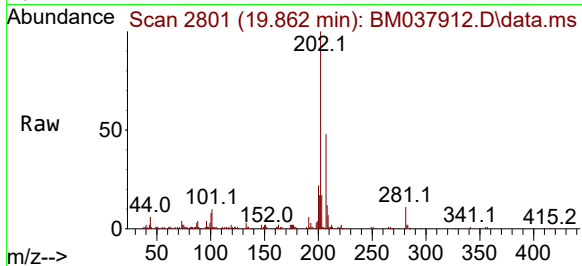




#82
 Pyrene
 Concen: 1.485 ng/ul
 RT: 19.862 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BM037912.D
 Acq: 09 Dec 2022 12:12

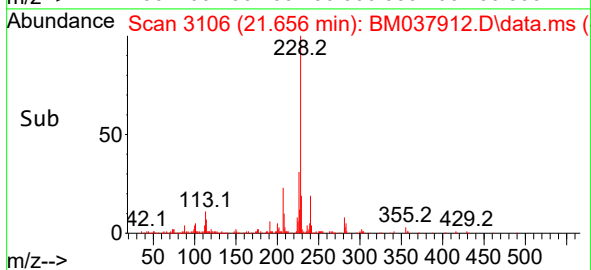
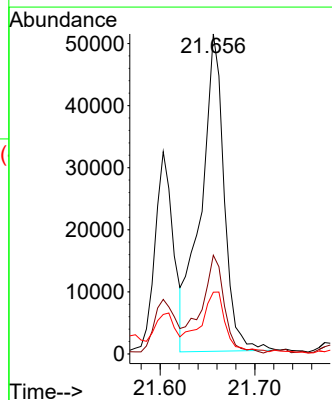
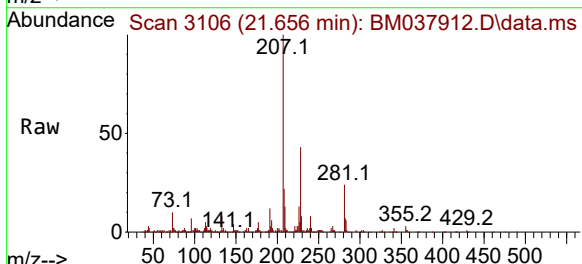
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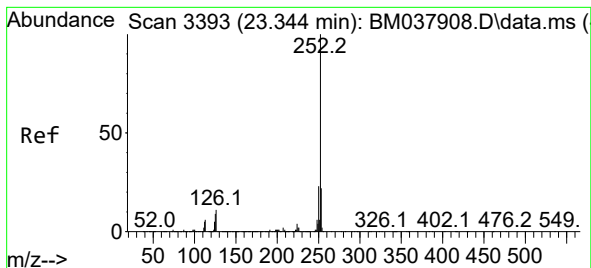
Tgt Ion:202 Resp: 80824
 Ion Ratio Lower Upper
 202 100
 101 9.5 10.0 15.0#
 100 8.1 7.9 11.9



#87
 Chrysene
 Concen: 1.869 ng/ul
 RT: 21.656 min Scan# 3106
 Delta R.T. -0.006 min
 Lab File: BM037912.D
 Acq: 09 Dec 2022 12:12

Tgt Ion:228 Resp: 87108
 Ion Ratio Lower Upper
 228 100
 226 30.9 24.3 36.5
 229 19.3 15.6 23.4





#90

Benzo(b)fluoranthene

Concen: 2.155 ng/ul

RT: 23.344 min Scan# 3393

Delta R.T. -0.000 min

Lab File: BM037912.D

Acq: 09 Dec 2022 12:12

Instrument :

BNA_M

ClientSampleId :

DBXK7DL

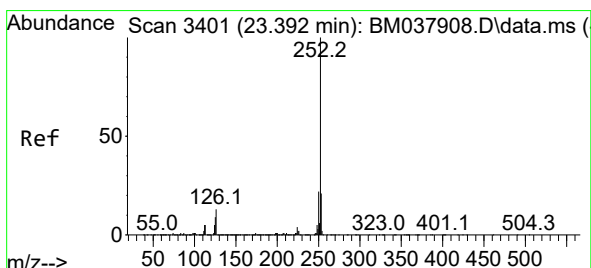
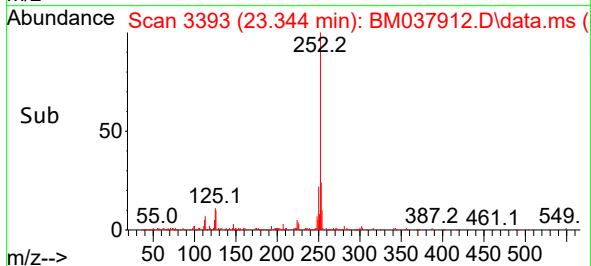
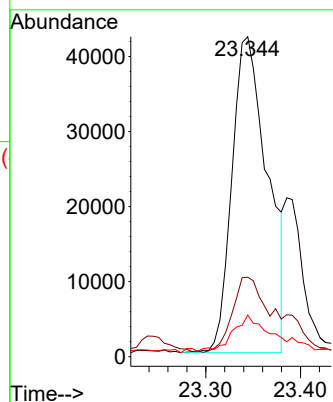
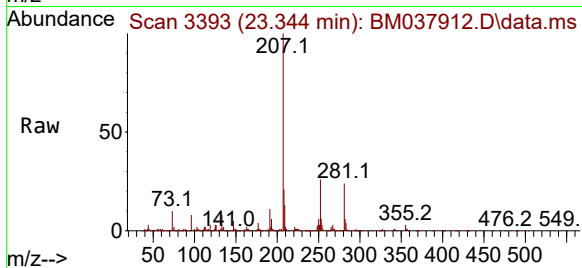
Tgt Ion:252 Resp: 110108

Ion Ratio Lower Upper

252 100

253 24.9 17.6 26.4

125 13.0 8.0 12.0#



#91

Benzo(k)fluoranthene

Concen: 2.223 ng/ul

RT: 23.344 min Scan# 3393

Delta R.T. -0.047 min

Lab File: BM037912.D

Acq: 09 Dec 2022 12:12

Tgt Ion:252 Resp: 110108

Ion Ratio Lower Upper

252 100

253 24.9 17.4 26.2

125 13.0 8.1 12.1#

