

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120822\
 Data File : BM037900.D
 Acq On : 08 Dec 2022 23:21
 Operator : CG/JU
 Sample : N5832-08 5X
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Dec 09 01:50:56 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120722.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Dec 08 01:49:06 2022
 Response via : Initial Calibration

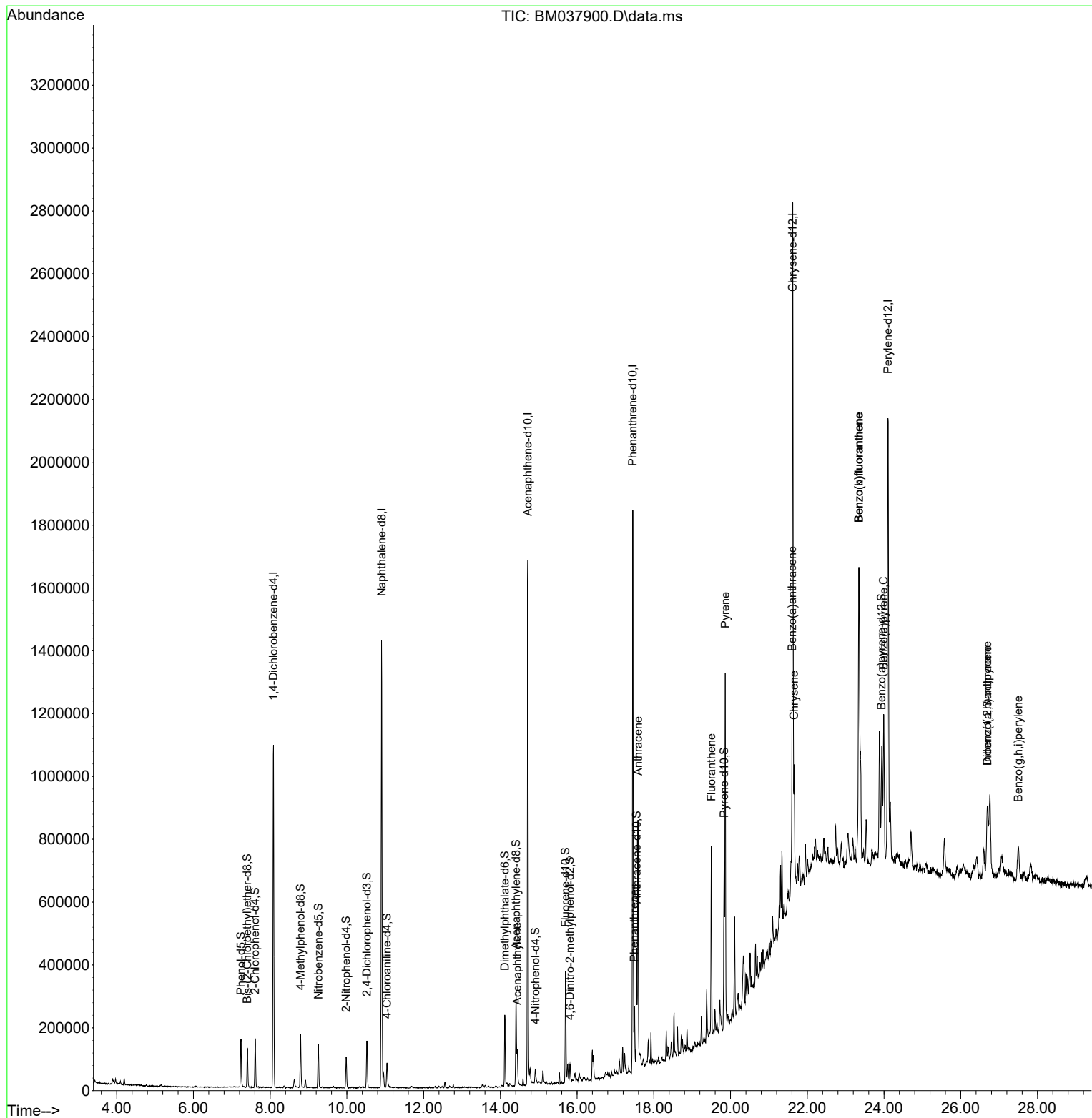
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.087	152	298768	20.000	ng/ul	0.00
20) Naphthalene-d8	10.904	136	1145220	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.716	164	581160	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.451	188	1093776	20.000	ng/ul	0.00
79) Chrysene-d12	21.621	240	964872	20.000	ng/ul	0.00
88) Perylene-d12	24.103	264	1137029	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.422	96	4295	0.653	ng/uL	0.00
4) Pyridine-d5	3.857	84	466	0.024	ng/ul	0.00
7) Phenol-d5	7.240	99	83811	3.452	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.404	67	54176	3.665	ng/ul	0.00
11) 2-Chlorophenol-d4	7.610	132	70402	3.535	ng/ul	0.00
15) 4-Methylphenol-d8	8.792	113	62922	3.320	ng/ul	0.00
21) Nitrobenzene-d5	9.257	128	34726	3.830	ng/ul	0.00
24) 2-Nitrophenol-d4	9.981	143	31253	3.289	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.522	165	57395	3.180	ng/ul	0.00
31) 4-Chloroaniline-d4	11.045	131	43297	1.738	ng/ul	0.00
46) Dimethylphthalate-d6	14.116	166	158052	3.815	ng/ul	-0.01
49) Acenaphthylene-d8	14.410	160	191409	3.780	ng/ul	0.00
54) 4-Nitrophenol-d4	14.910	143	14643	2.074	ng/ul	0.00
60) Fluorene-d10	15.698	176	143714	3.893	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.815	200	11171	1.910	ng/ul	0.00
73) Anthracene-d10	17.551	188	235944	4.622	ng/ul	0.00
81) Pyrene-d10	19.833	212	241372	4.164	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.938	264	237275	4.178	ng/ul	0.00
Target Compounds						
					Qvalue	
50) Acenaphthylene	14.439	152	87891	1.578	ng/ul	97
72) Phenanthrene	17.492	178	103824	1.738	ng/ul	99
74) Anthracene	17.586	178	504847	8.317	ng/ul	99
80) Fluoranthene	19.498	202	359827	5.260	ng/ul	99
82) Pyrene	19.862	202	650590	9.139	ng/ul	98
85) Benzo(a)anthracene	21.603	228	206268	3.175	ng/ul	96
87) Chrysene	21.656	228	187329	3.074	ng/ul	97
90) Benzo(b)fluoranthene	23.344	252	859418	12.192	ng/ul	99
91) Benzo(k)fluoranthene	23.344	252	859418	12.580	ng/ul	98
93) Benzo(a)pyrene	23.991	252	347929	5.613	ng/ul	96
94) Indeno(1,2,3-cd)pyrene	26.697	276	256666	3.215	ng/ul#	93
95) Dibenzo(a,h)anthracene	26.697	278	68091	1.012	ng/ul#	80
96) Benzo(g,h,i)perylene	27.497	276	150476	2.361	ng/ul	98

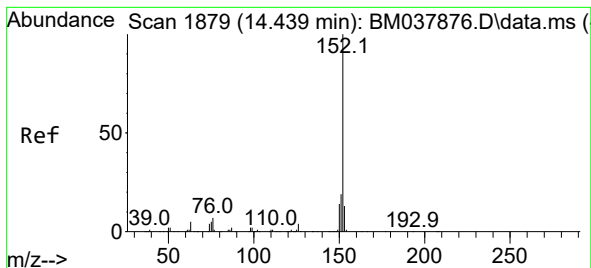
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#50

Acenaphthylene

Concen: 1.578 ng/ul

RT: 14.439 min Scan# 1879

Delta R.T. -0.006 min

Lab File: BM037900.D

Acq: 08 Dec 2022 23:21

Instrument :

BNA_M

ClientSampleId :

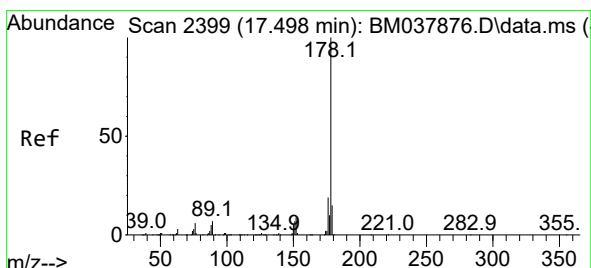
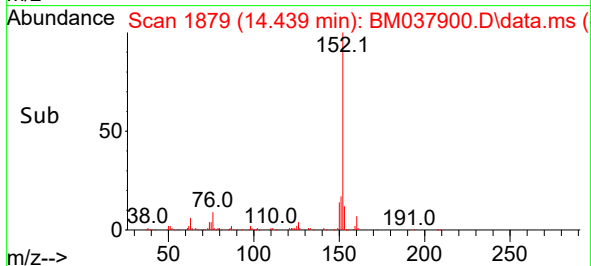
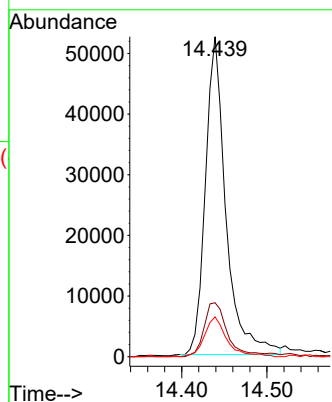
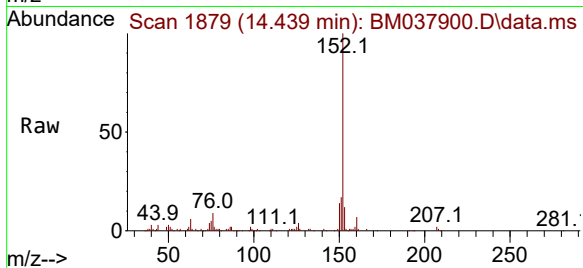
Tgt Ion:152 Resp: 87891

Ion Ratio Lower Upper

152 100

151 16.9 15.3 22.9

153 12.5 10.2 15.4



#72

Phenanthrene

Concen: 1.738 ng/ul

RT: 17.492 min Scan# 2398

Delta R.T. -0.006 min

Lab File: BM037900.D

Acq: 08 Dec 2022 23:21

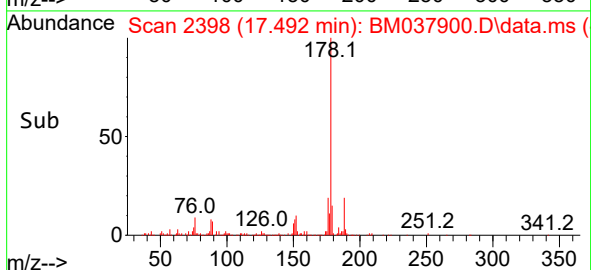
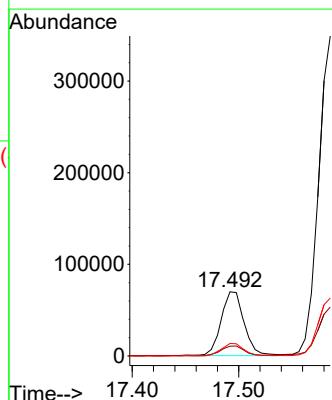
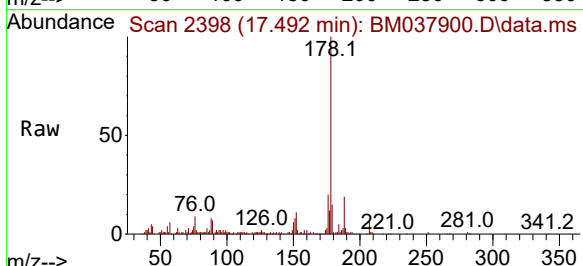
Tgt Ion:178 Resp: 103824

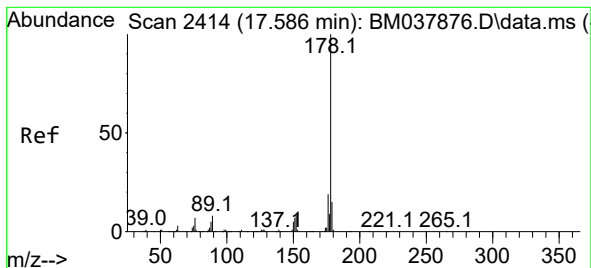
Ion Ratio Lower Upper

178 100

179 15.3 12.2 18.2

176 19.6 15.4 23.0





#74

Anthracene

Concen: 8.317 ng/ul

RT: 17.586 min Scan# 2414

Delta R.T. -0.006 min

Lab File: BM037900.D

Acq: 08 Dec 2022 23:21

Instrument :

BNA_M

ClientSampleId :

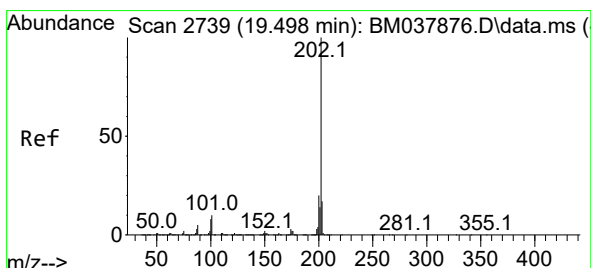
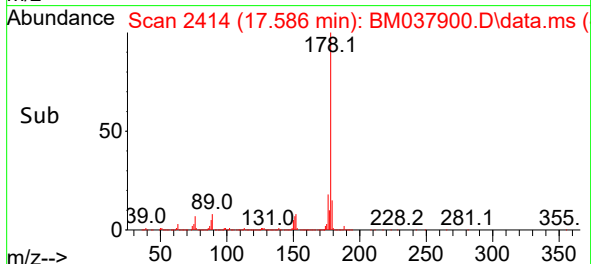
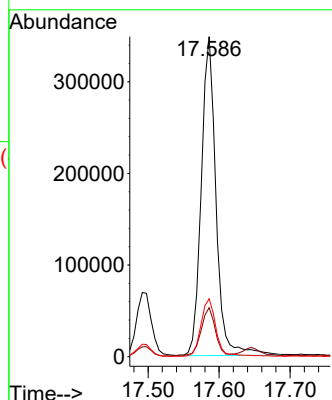
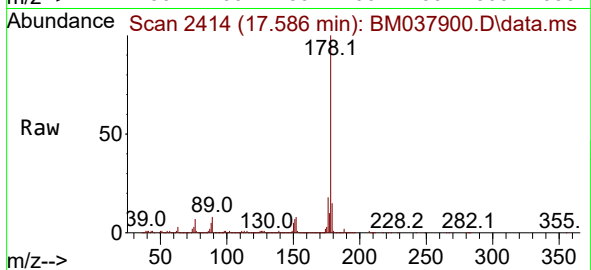
Tgt Ion:178 Resp: 504847

Ion Ratio Lower Upper

178 100

179 15.3 11.8 17.8

176 18.1 15.0 22.6



#80

Fluoranthene

Concen: 5.260 ng/ul

RT: 19.498 min Scan# 2739

Delta R.T. -0.006 min

Lab File: BM037900.D

Acq: 08 Dec 2022 23:21

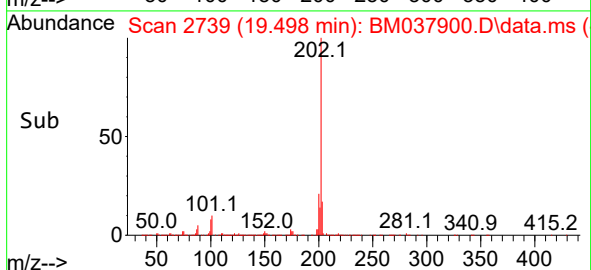
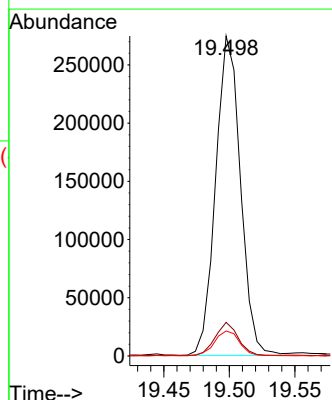
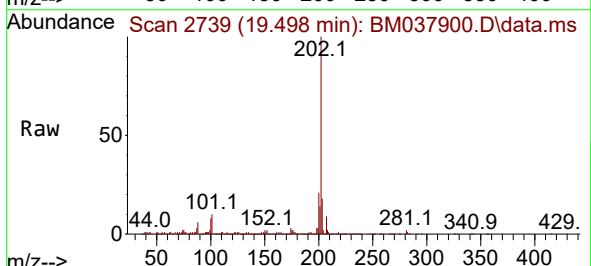
Tgt Ion:202 Resp: 359827

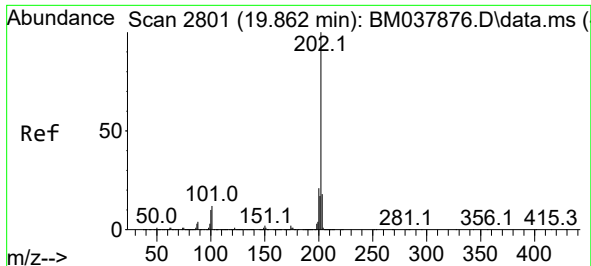
Ion Ratio Lower Upper

202 100

101 10.5 8.6 13.0

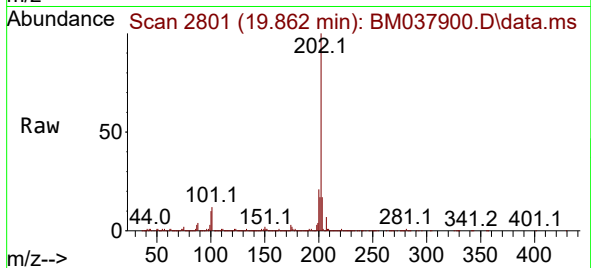
100 7.8 6.6 10.0



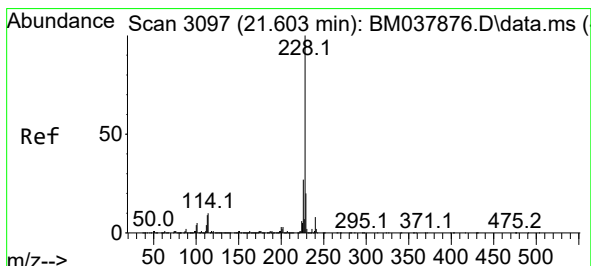
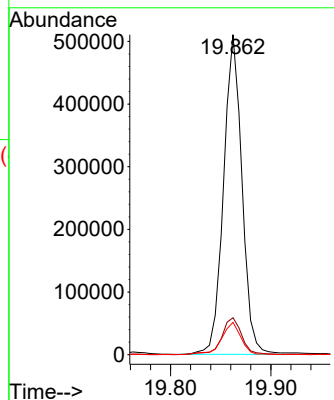
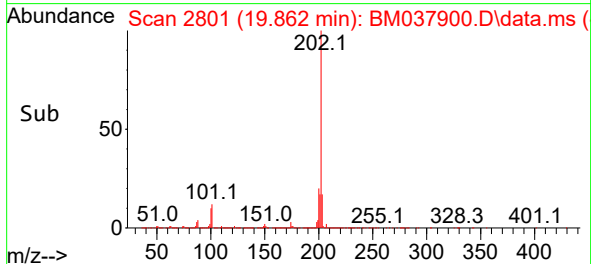


#82
 Pyrene
 Concen: 9.139 ng/ul
 RT: 19.862 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BM037900.D
 Acq: 08 Dec 2022 23:21

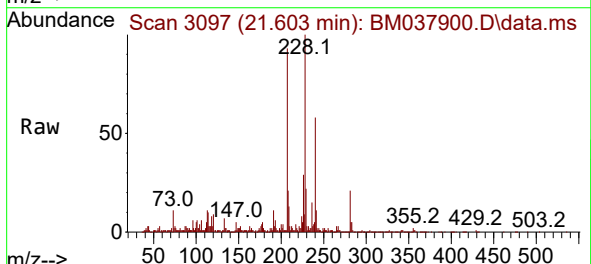
Instrument :
 BNA_M
 ClientSampleId :



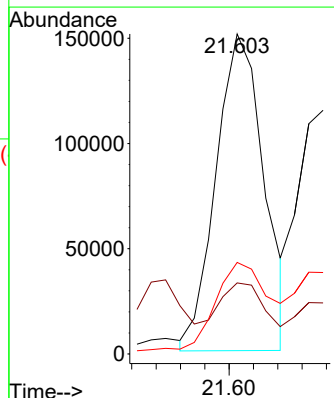
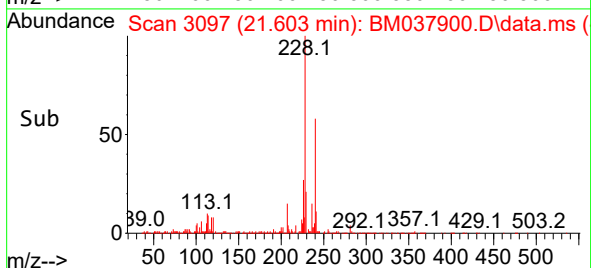
Tgt Ion:202 Resp: 650590
 Ion Ratio Lower Upper
 202 100
 101 11.5 10.0 15.0
 100 10.1 7.9 11.9

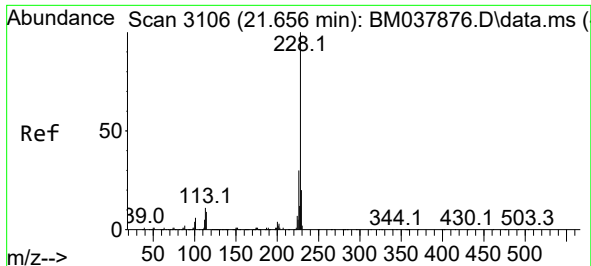


#85
 Benzo(a)anthracene
 Concen: 3.175 ng/ul
 RT: 21.603 min Scan# 3097
 Delta R.T. -0.006 min
 Lab File: BM037900.D
 Acq: 08 Dec 2022 23:21



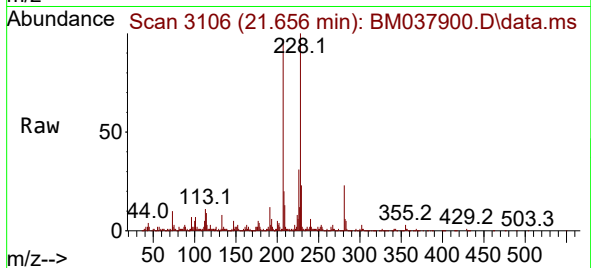
Tgt Ion:228 Resp: 206268
 Ion Ratio Lower Upper
 228 100
 229 22.2 15.5 23.3
 226 28.6 21.8 32.8



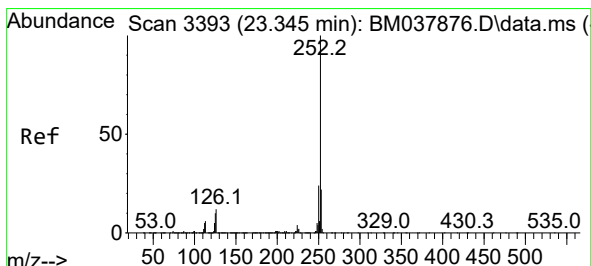
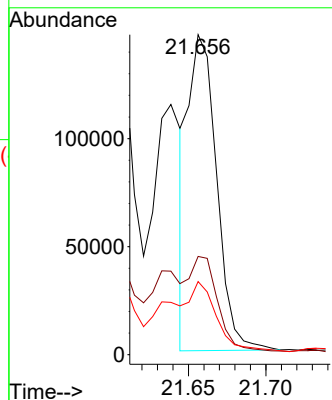
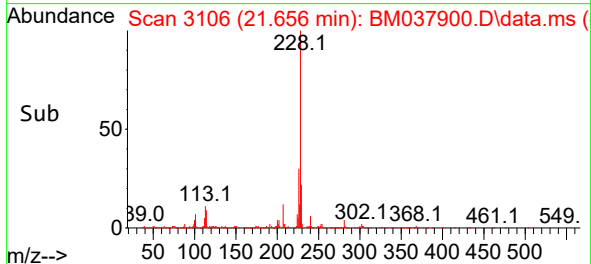


#87
Chrysene
Concen: 3.074 ng/ul
RT: 21.656 min Scan# 3106
Delta R.T. -0.006 min
Lab File: BM037900.D
Acq: 08 Dec 2022 23:21

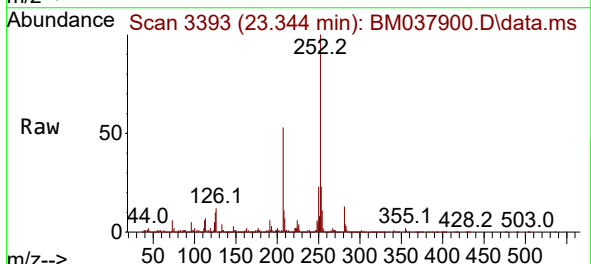
Instrument :
BNA_M
ClientSampleId :



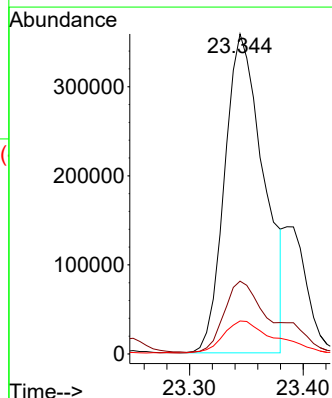
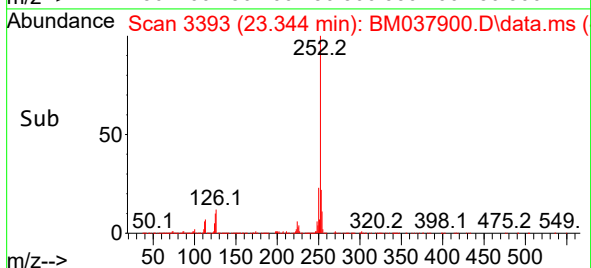
Tgt Ion:228 Resp: 187329
Ion Ratio Lower Upper
228 100
226 30.7 24.3 36.5
229 22.9 15.6 23.4

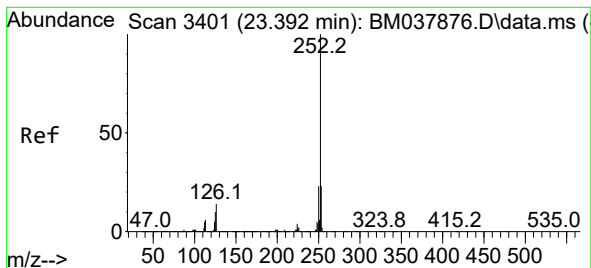


#90
Benzo(b)fluoranthene
Concen: 12.192 ng/ul
RT: 23.344 min Scan# 3393
Delta R.T. -0.000 min
Lab File: BM037900.D
Acq: 08 Dec 2022 23:21



Tgt Ion:252 Resp: 859418
Ion Ratio Lower Upper
252 100
253 22.7 17.6 26.4
125 10.3 8.0 12.0





#91

Benzo(k)fluoranthene

Concen: 12.580 ng/ul

RT: 23.344 min Scan# 31

Delta R.T. -0.053 min

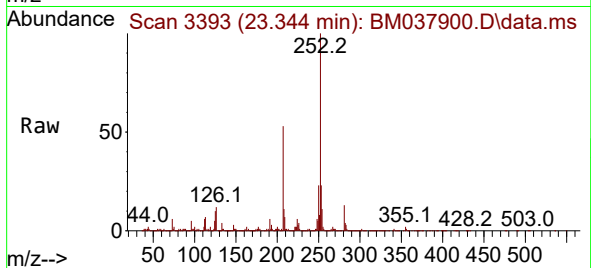
Lab File: BM037900.D

Acq: 08 Dec 2022 23:21

Instrument :

BNA_M

ClientSampleId :



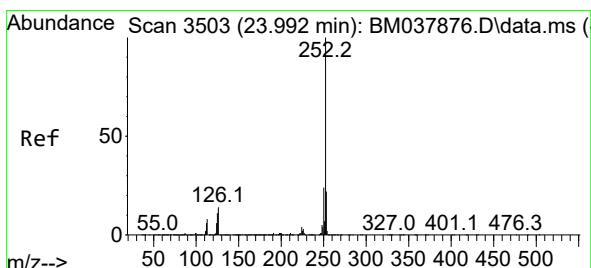
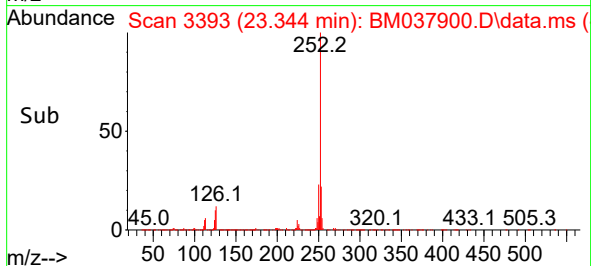
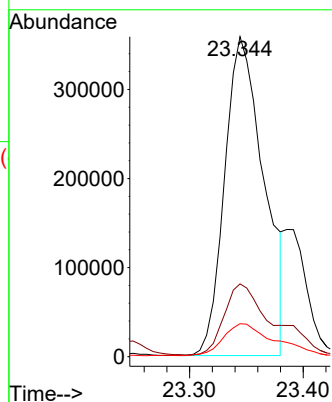
Tgt Ion:252 Resp: 859418

Ion Ratio Lower Upper

252 100

253 22.7 17.4 26.2

125 10.3 8.1 12.1



#93

Benzo(a)pyrene

Concen: 5.613 ng/ul

RT: 23.991 min Scan# 3503

Delta R.T. -0.006 min

Lab File: BM037900.D

Acq: 08 Dec 2022 23:21

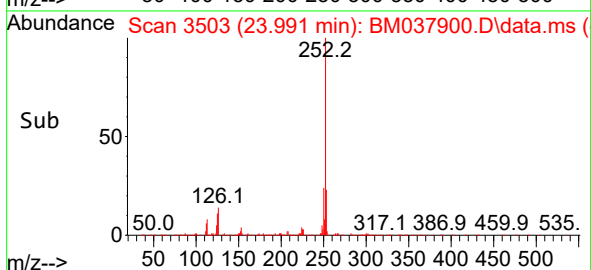
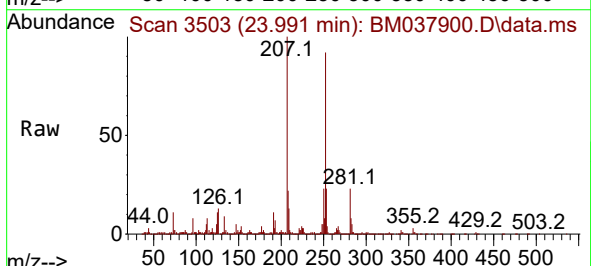
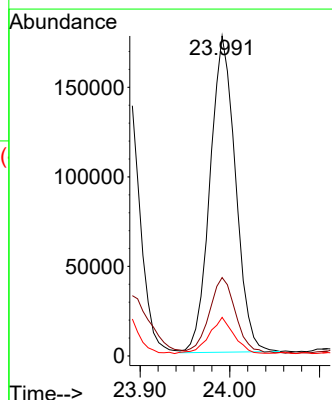
Tgt Ion:252 Resp: 347929

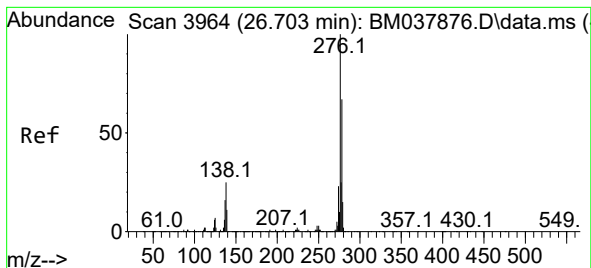
Ion Ratio Lower Upper

252 100

253 24.5 17.4 26.0

125 12.0 9.4 14.0





#94

Indeno(1,2,3-cd)pyrene

Concen: 3.215 ng/ul

RT: 26.697 min Scan# 3963

Delta R.T. -0.012 min

Lab File: BM037900.D

Acq: 08 Dec 2022 23:21

Instrument :

BNA_M

ClientSampleId :

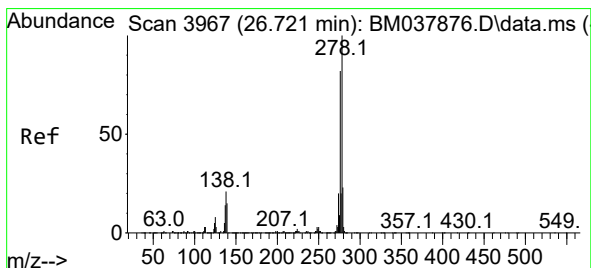
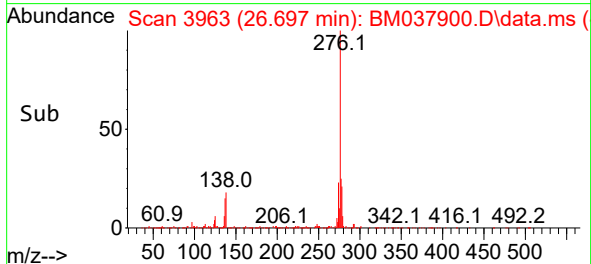
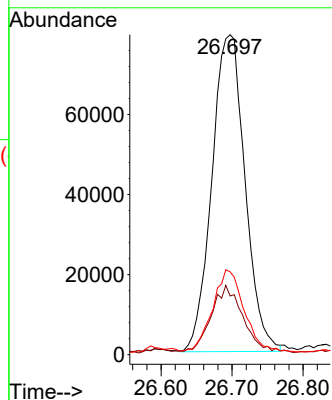
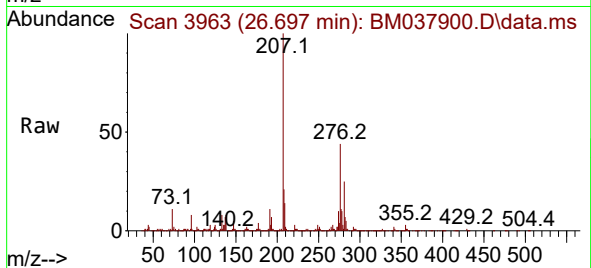
Tgt Ion:276 Resp: 256666

Ion Ratio Lower Upper

276 100

138 18.3 19.3 28.9#

277 25.9 19.8 29.8



#95

Dibenzo(a,h)anthracene

Concen: 1.012 ng/ul

RT: 26.697 min Scan# 3963

Delta R.T. -0.029 min

Lab File: BM037900.D

Acq: 08 Dec 2022 23:21

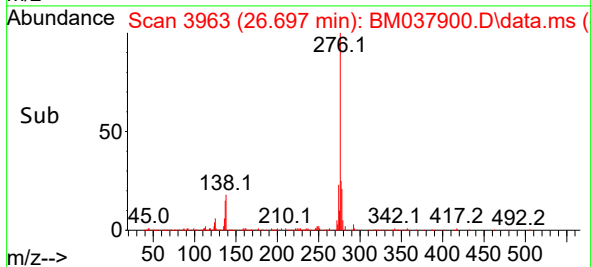
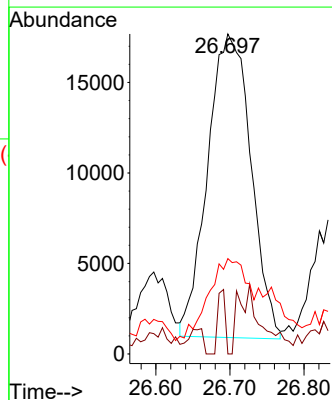
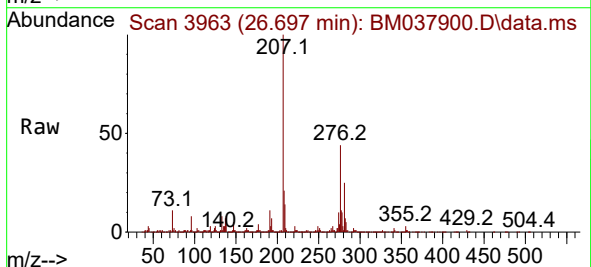
Tgt Ion:278 Resp: 68091

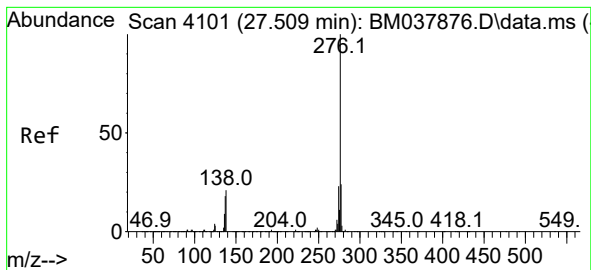
Ion Ratio Lower Upper

278 100

139 0.0 12.4 18.6#

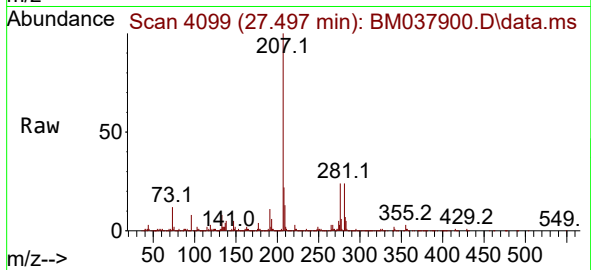
279 29.8 19.8 29.6#





#96
 Benzo(g,h,i)perylene
 Concen: 2.361 ng/ul
 RT: 27.497 min Scan# 4099
 Delta R.T. -0.018 min
 Lab File: BM037900.D
 Acq: 08 Dec 2022 23:21

Instrument :
 BNA_M
 ClientSampleId :



Tgt Ion:	276	Resp:	150476
Ion Ratio	Lower	Upper	
276	100		
138	20.5	17.1	25.7
277	23.4	18.2	27.4

