

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120822\
 Data File : BM037903.D
 Acq On : 09 Dec 2022 01:10
 Operator : CG/JU
 Sample : N5726-09 10X
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DBXP1

Quant Time: Dec 09 01:51:39 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

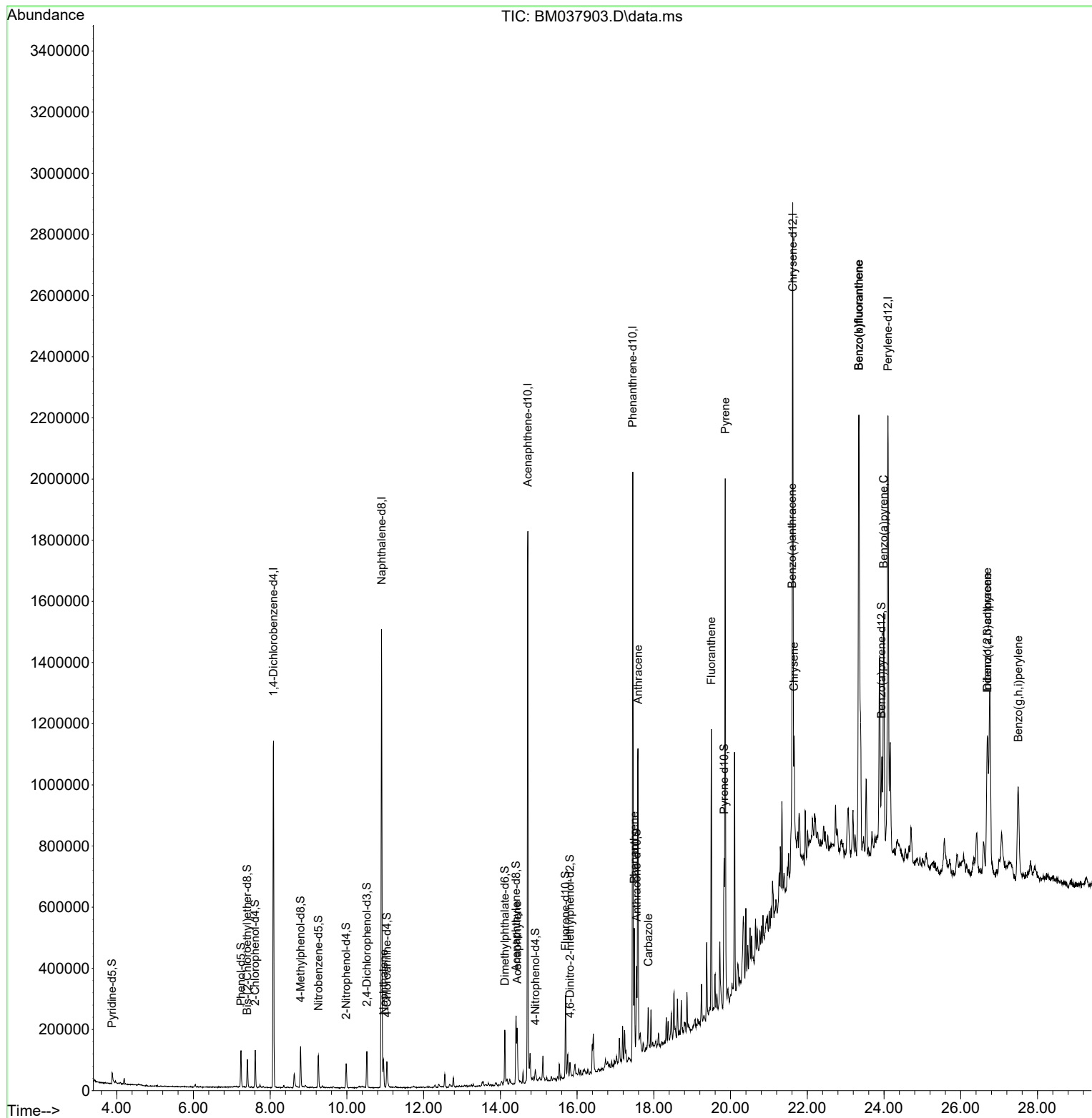
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.087	152	313140	20.000	ng/ul	0.00
20) Naphthalene-d8	10.904	136	1211083	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.716	164	632132	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.451	188	1178573	20.000	ng/ul	0.00
79) Chrysene-d12	21.621	240	960183	20.000	ng/ul	0.00
88) Perylene-d12	24.103	264	1120355	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.428	96	2346	0.340	ng/uL	0.00
4) Pyridine-d5	3.881	84	24898	1.217	ng/ul	0.02
7) Phenol-d5	7.240	99	64008	2.515	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.404	67	40499	2.614	ng/ul	0.00
11) 2-Chlorophenol-d4	7.610	132	54250	2.599	ng/ul	0.00
15) 4-Methylphenol-d8	8.793	113	48146	2.424	ng/ul	0.00
21) Nitrobenzene-d5	9.257	128	26174	2.730	ng/ul	0.00
24) 2-Nitrophenol-d4	9.981	143	25170	2.505	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.522	165	45707	2.395	ng/ul	0.00
31) 4-Chloroaniline-d4	11.045	131	45205	1.716	ng/ul	0.00
46) Dimethylphthalate-d6	14.116	166	125920	2.794	ng/ul	-0.01
49) Acenaphthylene-d8	14.410	160	148147	2.690	ng/ul	0.00
54) 4-Nitrophenol-d4	14.910	143	9888	1.287	ng/ul	0.00
60) Fluorene-d10	15.698	176	112452	2.801	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.816	200	8787	1.395	ng/ul	0.00
73) Anthracene-d10	17.551	188	171089	3.110	ng/ul	0.00
81) Pyrene-d10	19.833	212	185371	3.214	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.939	264	174001	3.109	ng/ul	0.00
Target Compounds						
					Qvalue	
30) Naphthalene	10.957	128	70109	1.073	ng/ul	98
50) Acenaphthylene	14.439	152	151239	2.497	ng/ul	97
72) Phenanthrene	17.492	178	237680	3.693	ng/ul	100
74) Anthracene	17.586	178	645896	9.875	ng/ul	99
77) Carbazole	17.857	167	80049	1.413	ng/ul	99
80) Fluoranthene	19.498	202	549214	8.068	ng/ul	99
82) Pyrene	19.862	202	1006211	14.203	ng/ul	99
85) Benzo(a)anthracene	21.603	228	243375	3.765	ng/ul	95
87) Chrysene	21.656	228	192660	3.177	ng/ul	95
90) Benzo(b)fluoranthene	23.345	252	1526068	21.971	ng/ul	98
91) Benzo(k)fluoranthene	23.345	252	1526068	22.671	ng/ul	98
93) Benzo(a)pyrene	23.992	252	570672	9.343	ng/ul	94
94) Indeno(1,2,3-cd)pyrene	26.697	276	507905	6.457	ng/ul	95
95) Dibenzo(a,h)anthracene	26.691	278	115697	1.745	ng/ul#	82
96) Benzo(g,h,i)perylene	27.497	276	410910	6.543	ng/ul	97

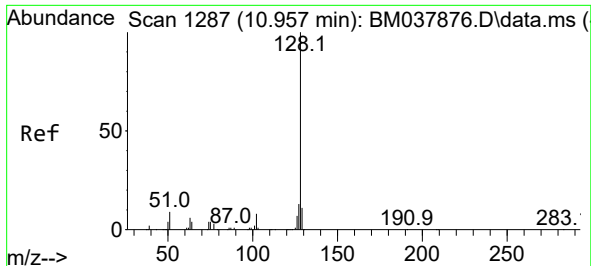
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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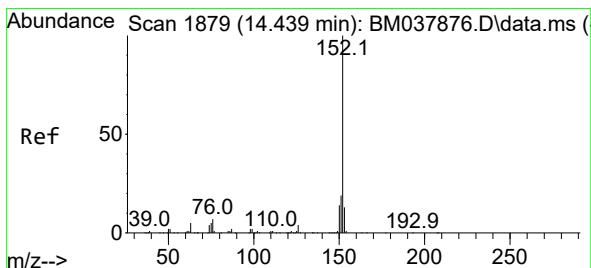
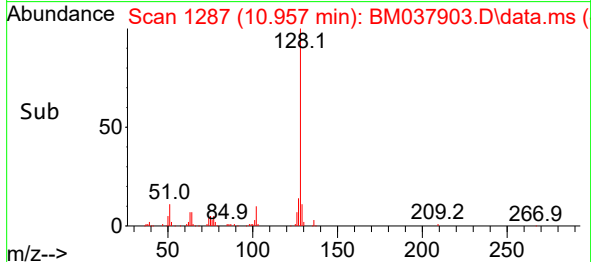
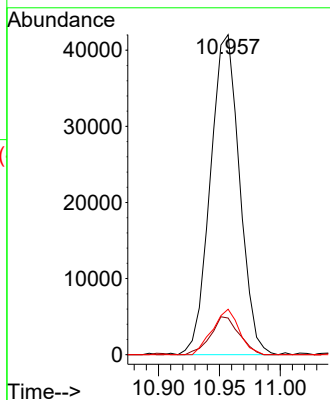
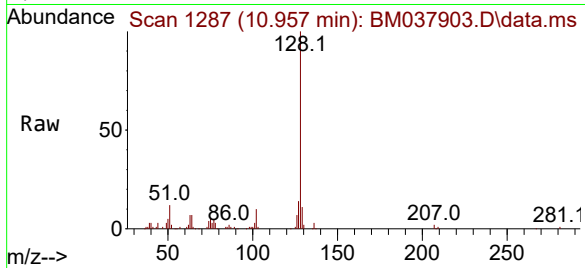




#30
Naphthalene
Concen: 1.073 ng/ul
RT: 10.957 min Scan# 1287
Delta R.T. -0.006 min
Lab File: BM037903.D
Acq: 09 Dec 2022 01:10

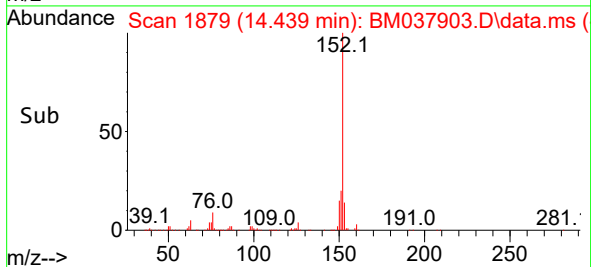
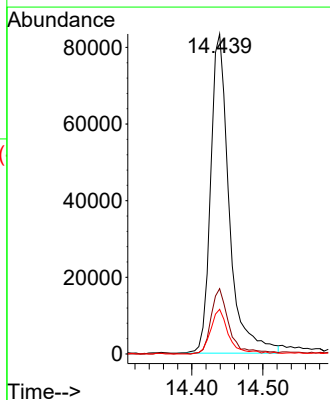
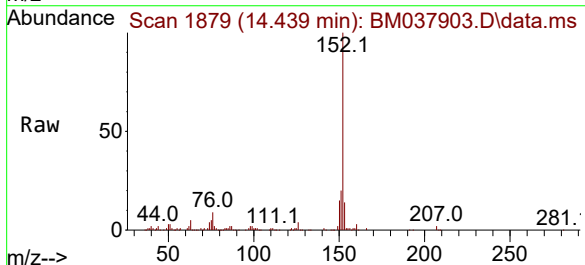
Instrument :
BNA_M
ClientSampleId :
DBXP1

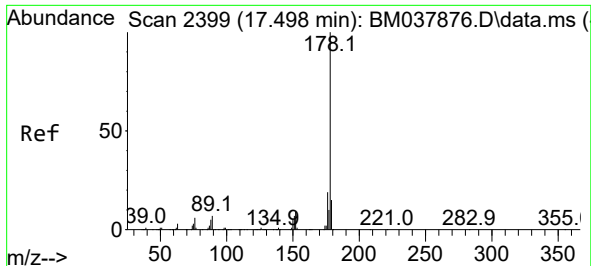
Tgt Ion:128 Resp: 70109
Ion Ratio Lower Upper
128 100
129 11.4 9.0 13.4
127 14.2 10.4 15.6



#50
Acenaphthylene
Concen: 2.497 ng/ul
RT: 14.439 min Scan# 1879
Delta R.T. -0.006 min
Lab File: BM037903.D
Acq: 09 Dec 2022 01:10

Tgt Ion:152 Resp: 151239
Ion Ratio Lower Upper
152 100
151 20.4 15.3 22.9
153 13.9 10.2 15.4

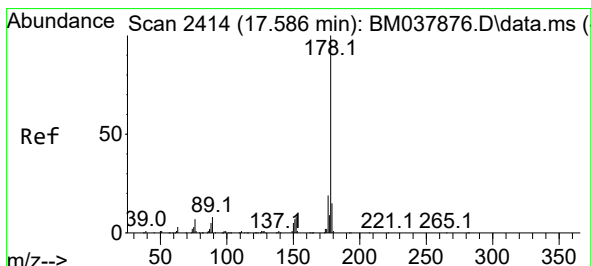
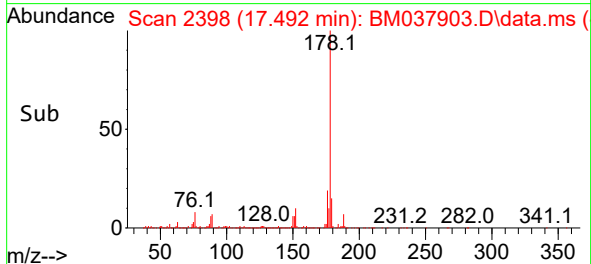
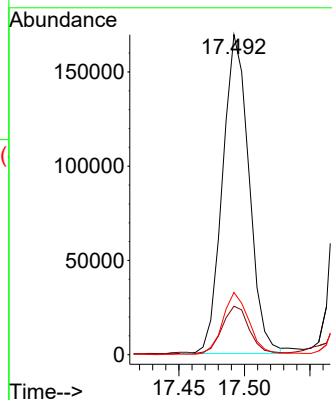
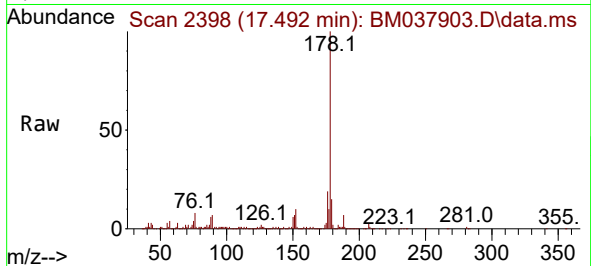




#72
Phenanthrene
Concen: 3.693 ng/ul
RT: 17.492 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM037903.D
Acq: 09 Dec 2022 01:10

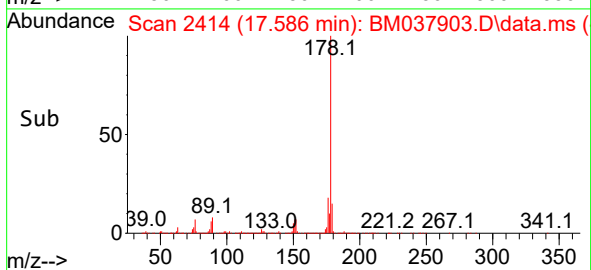
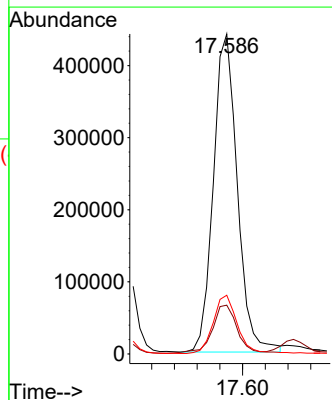
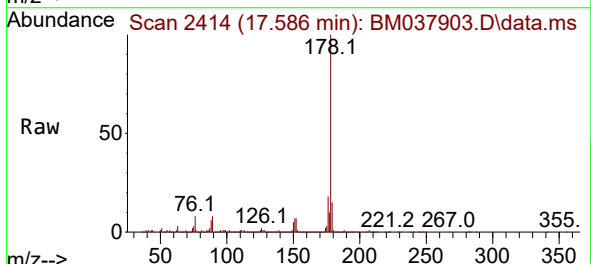
Instrument :
BNA_M
ClientSampleId :
DBXP1

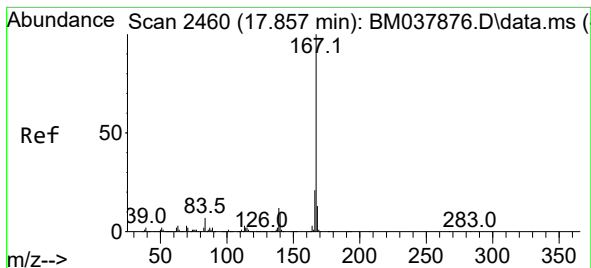
Tgt Ion:178 Resp: 237680
Ion Ratio Lower Upper
178 100
179 15.1 12.2 18.2
176 19.5 15.4 23.0



#74
Anthracene
Concen: 9.875 ng/ul
RT: 17.586 min Scan# 2414
Delta R.T. -0.006 min
Lab File: BM037903.D
Acq: 09 Dec 2022 01:10

Tgt Ion:178 Resp: 645896
Ion Ratio Lower Upper
178 100
179 15.3 11.8 17.8
176 18.4 15.0 22.6





#77

Carbazole

Concen: 1.413 ng/ul

RT: 17.857 min Scan# 2460

Delta R.T. 0.000 min

Lab File: BM037903.D

Acq: 09 Dec 2022 01:10

Instrument :

BNA_M

ClientSampleId :

DBXP1

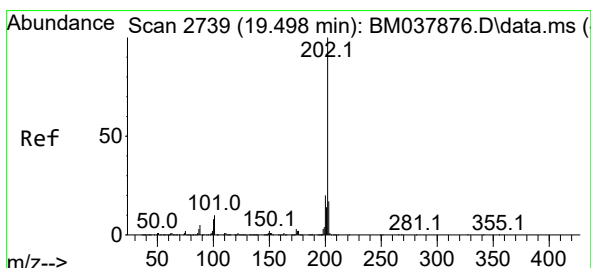
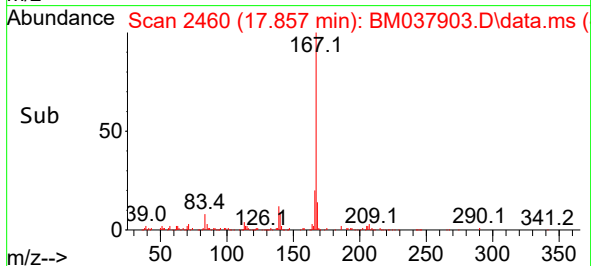
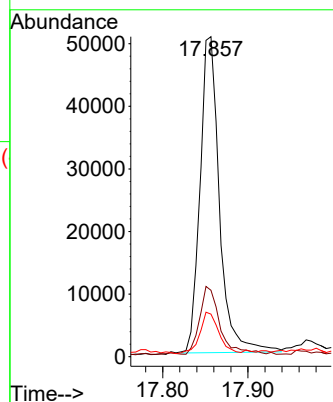
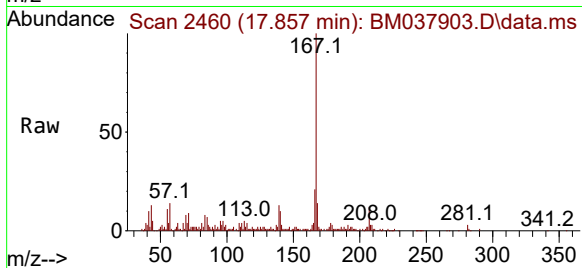
Tgt Ion:167 Resp: 80049

Ion Ratio Lower Upper

167 100

166 20.7 16.7 25.1

139 13.3 9.8 14.6



#80

Fluoranthene

Concen: 8.068 ng/ul

RT: 19.498 min Scan# 2739

Delta R.T. -0.006 min

Lab File: BM037903.D

Acq: 09 Dec 2022 01:10

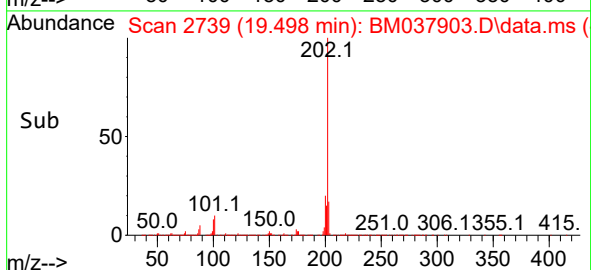
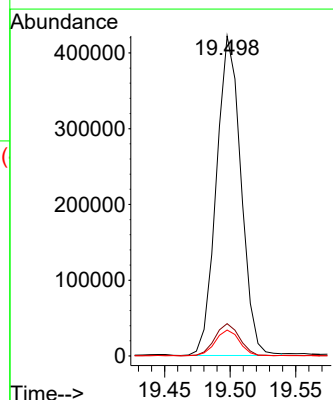
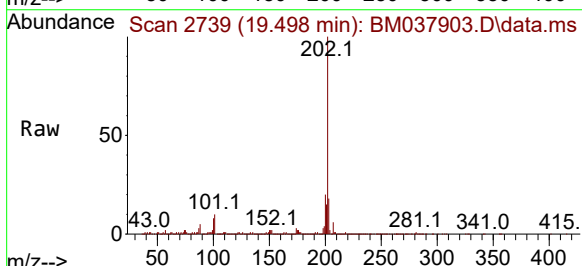
Tgt Ion:202 Resp: 549214

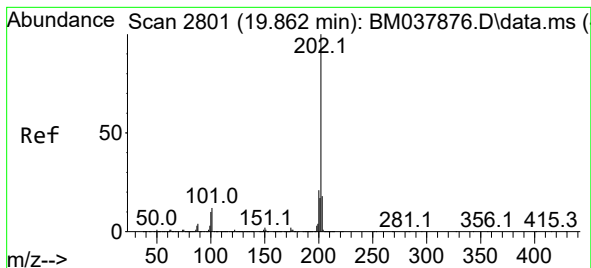
Ion Ratio Lower Upper

202 100

101 10.1 8.6 13.0

100 8.1 6.6 10.0





#82

Pyrene

Concen: 14.203 ng/ul

RT: 19.862 min Scan# 2801

Delta R.T. -0.006 min

Lab File: BM037903.D

Acq: 09 Dec 2022 01:10

Instrument :

BNA_M

ClientSampleId :

DBXP1

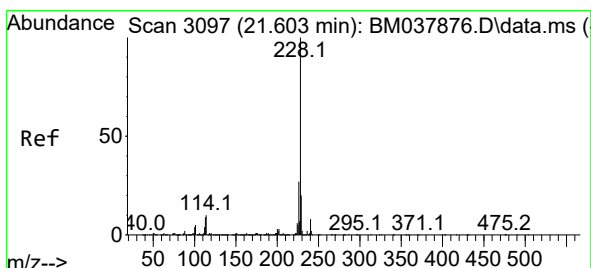
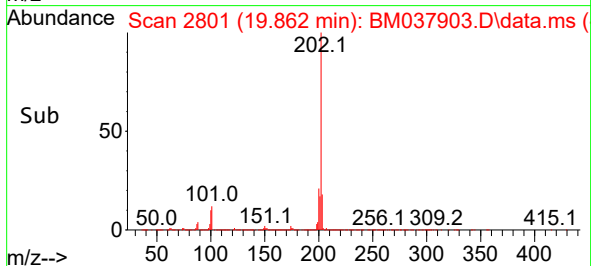
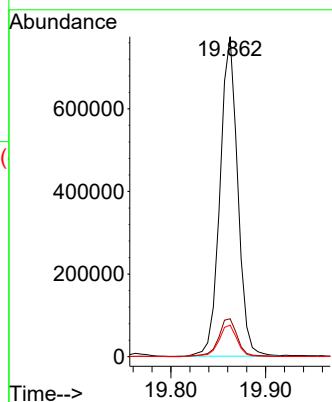
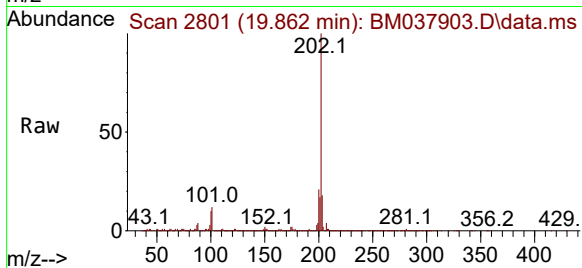
Tgt Ion:202 Resp: 1006211

Ion Ratio Lower Upper

202 100

101 11.9 10.0 15.0

100 9.8 7.9 11.9



#85

Benzo(a)anthracene

Concen: 3.765 ng/ul

RT: 21.603 min Scan# 3097

Delta R.T. -0.006 min

Lab File: BM037903.D

Acq: 09 Dec 2022 01:10

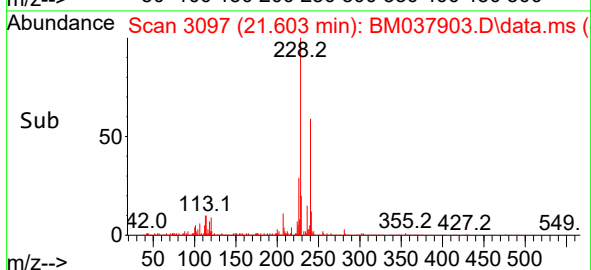
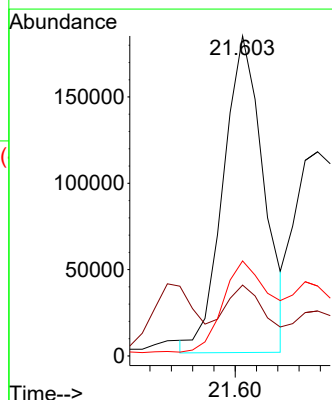
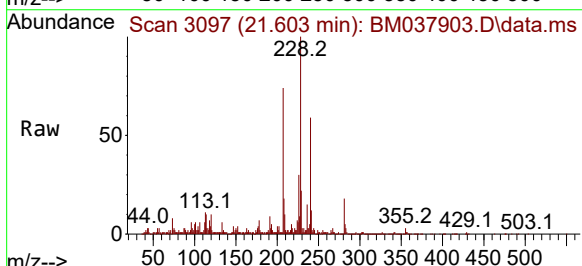
Tgt Ion:228 Resp: 243375

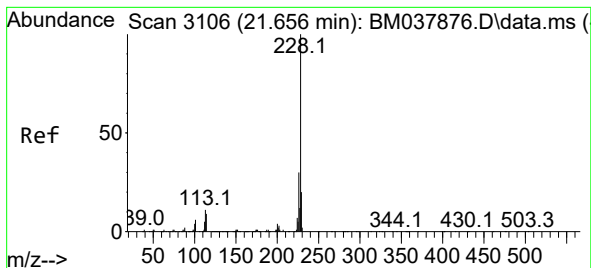
Ion Ratio Lower Upper

228 100

229 22.2 15.5 23.3

226 29.7 21.8 32.8





#87

Chrysene

Concen: 3.177 ng/ul

RT: 21.656 min Scan# 3106

Delta R.T. -0.006 min

Lab File: BM037903.D

Acq: 09 Dec 2022 01:10

Instrument :

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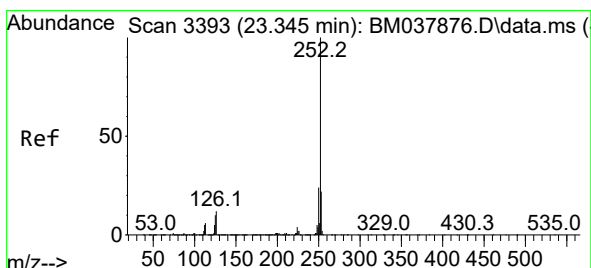
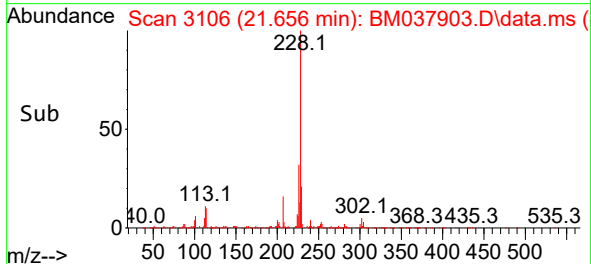
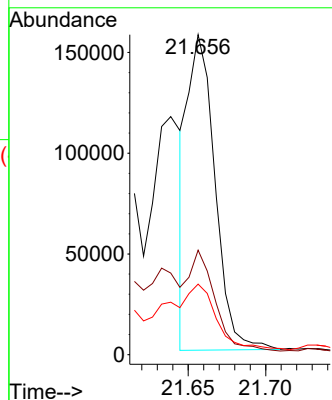
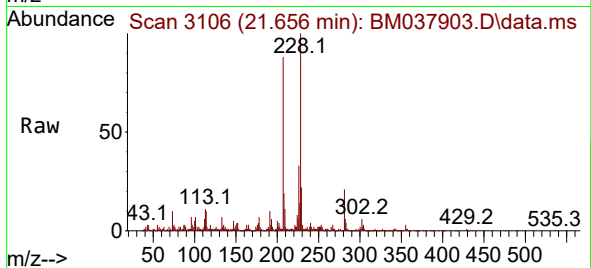
Tgt Ion:228 Resp: 192660

Ion Ratio Lower Upper

228 100

226 32.7 24.3 36.5

229 22.1 15.6 23.4



#90

Benzo(b)fluoranthene

Concen: 21.971 ng/ul

RT: 23.345 min Scan# 3393

Delta R.T. 0.000 min

Lab File: BM037903.D

Acq: 09 Dec 2022 01:10

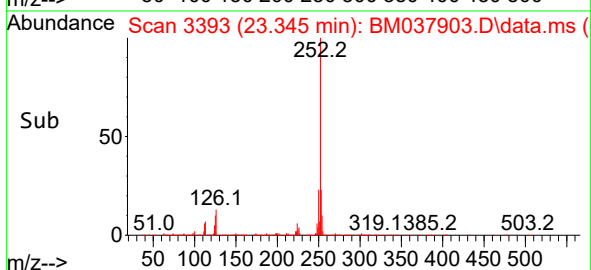
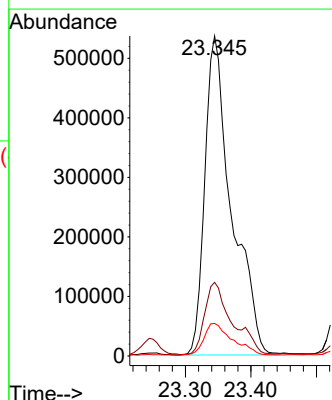
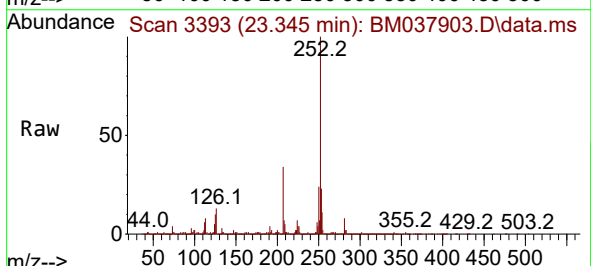
Tgt Ion:252 Resp: 1526068

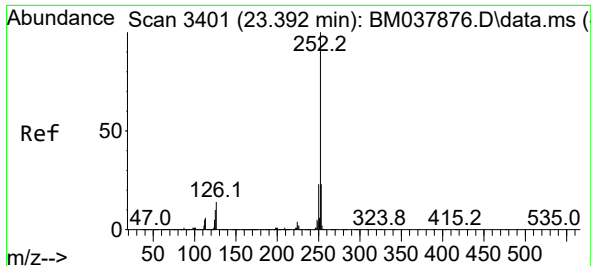
Ion Ratio Lower Upper

252 100

253 23.0 17.6 26.4

125 10.1 8.0 12.0

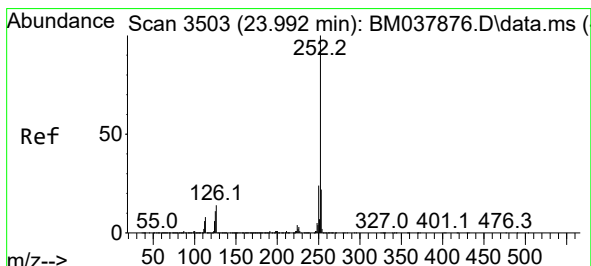
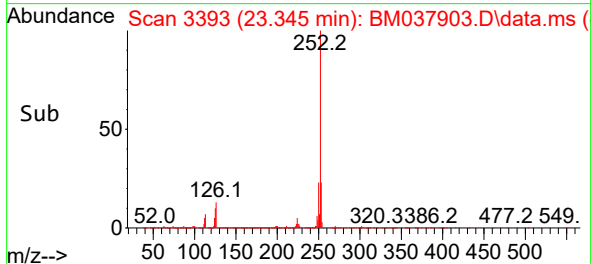
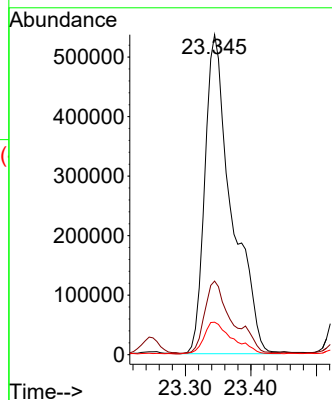
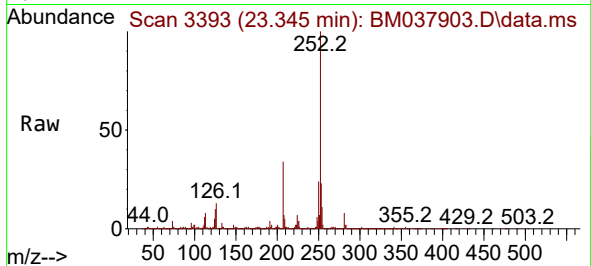




#91
Benzo(k)fluoranthene
Concen: 22.671 ng/ul
RT: 23.345 min Scan# 31
Delta R.T. -0.053 min
Lab File: BM037903.D
Acq: 09 Dec 2022 01:10

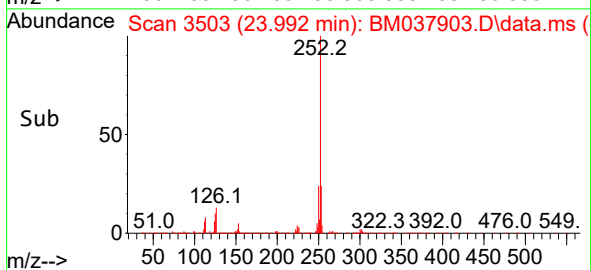
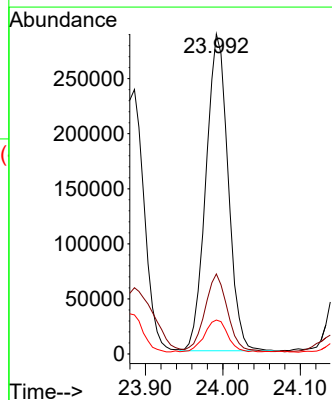
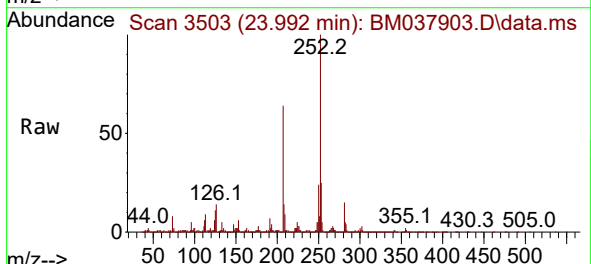
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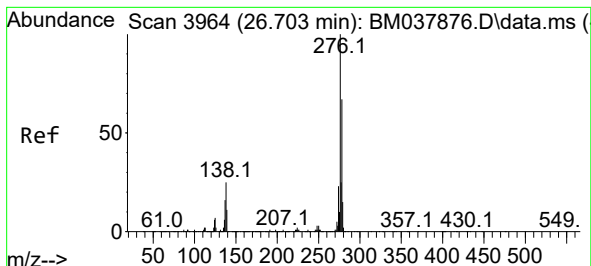
Tgt Ion:252 Resp: 1526068
Ion Ratio Lower Upper
252 100
253 23.0 17.4 26.2
125 10.1 8.1 12.1



#93
Benzo(a)pyrene
Concen: 9.343 ng/ul
RT: 23.992 min Scan# 3503
Delta R.T. -0.006 min
Lab File: BM037903.D
Acq: 09 Dec 2022 01:10

Tgt Ion:252 Resp: 570672
Ion Ratio Lower Upper
252 100
253 25.0 17.4 26.0
125 10.6 9.4 14.0





#94

Indeno(1,2,3-cd)pyrene

Concen: 6.457 ng/ul

RT: 26.697 min Scan# 3963

Delta R.T. -0.012 min

Lab File: BM037903.D

Acq: 09 Dec 2022 01:10

Instrument :

BNA_M

ClientSampleId :

DBXP1

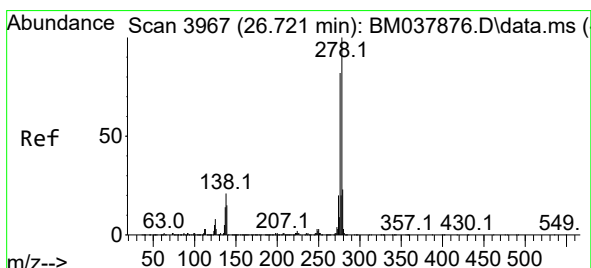
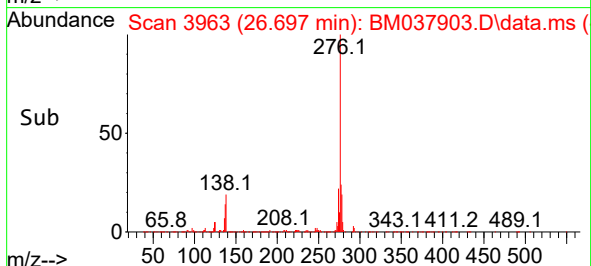
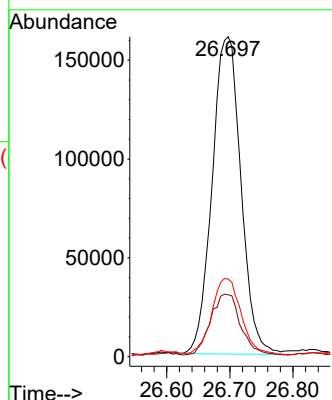
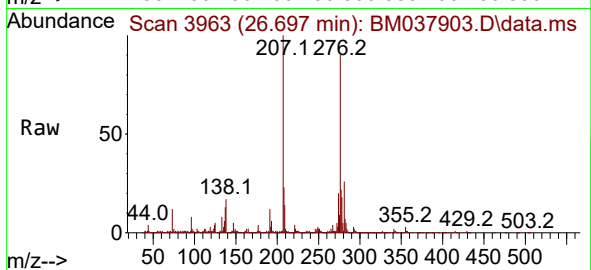
Tgt Ion:276 Resp: 507905

Ion Ratio Lower Upper

276 100

138 19.4 19.3 28.9

277 24.2 19.8 29.8



#95

Dibenzo(a,h)anthracene

Concen: 1.745 ng/ul

RT: 26.691 min Scan# 3962

Delta R.T. -0.035 min

Lab File: BM037903.D

Acq: 09 Dec 2022 01:10

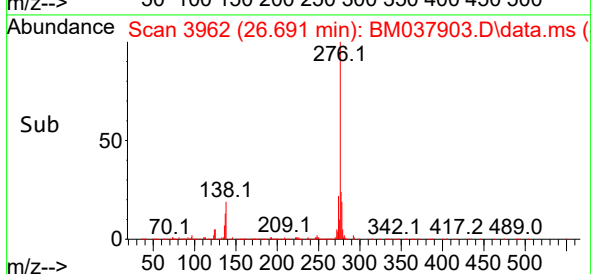
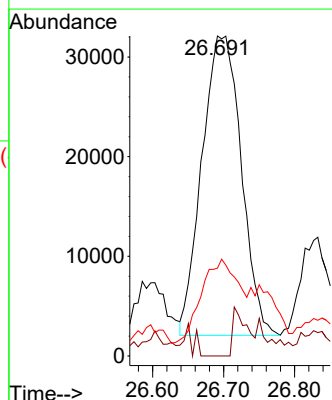
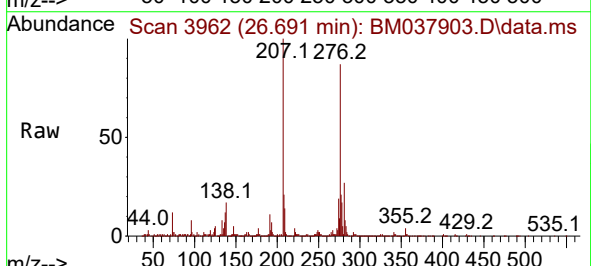
Tgt Ion:278 Resp: 115697

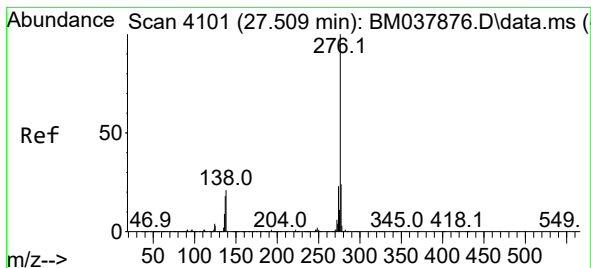
Ion Ratio Lower Upper

278 100

139 0.0 12.4 18.6#

279 27.5 19.8 29.6





#96

Benzo(g,h,i)perylene

Concen: 6.543 ng/ul

RT: 27.497 min Scan# 4101

Delta R.T. -0.018 min

Lab File: BM037903.D

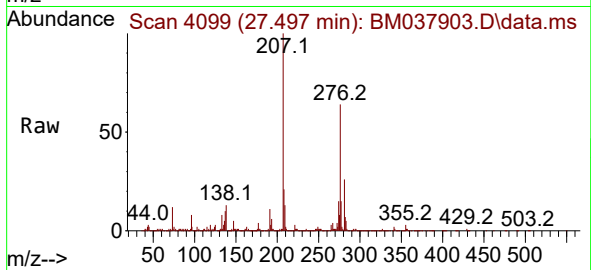
Acq: 09 Dec 2022 01:10

Instrument :

BNA_M

ClientSampleId :

DBXP1



Tgt Ion:276 Resp: 410910

Ion Ratio Lower Upper

276 100

138 20.0 17.1 25.7

277 24.0 18.2 27.4

