

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120822\
 Data File : BM037896.D
 Acq On : 08 Dec 2022 20:54
 Operator : CG/JU
 Sample : N5832-03 5X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DBXK0

Quant Time: Dec 08 22:42:07 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)

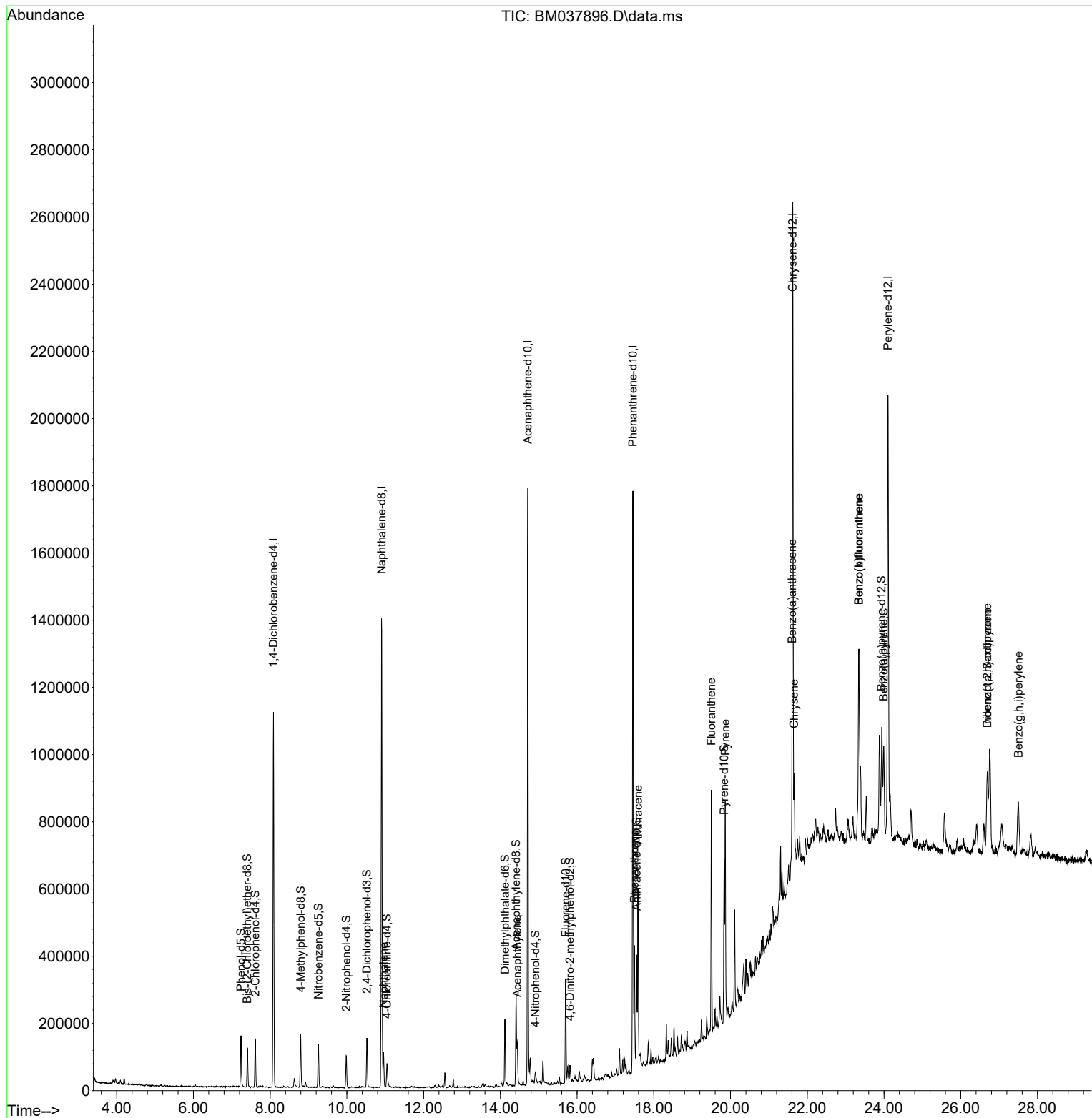
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.086	152	299074	20.000	ng/u1	0.00
20) Naphthalene-d8	10.904	136	1152965	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.715	164	591991	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.456	188	1102776	20.000	ng/u1	0.00
79) Chrysene-d12	21.621	240	913252	20.000	ng/u1	0.00
88) Perylene-d12	24.103	264	1041822	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.422	96	4562	0.693	ng/uL	0.00
4) Pyridine-d5	3.857	84	463	0.024	ng/u1	0.00
7) Phenol-d5	7.239	99	77969	3.208	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.404	67	50783	3.432	ng/u1	0.00
11) 2-Chlorophenol-d4	7.616	132	67570	3.389	ng/u1	0.00
15) 4-Methylphenol-d8	8.798	113	59515	3.137	ng/u1	0.00
21) Nitrobenzene-d5	9.257	128	31550	3.456	ng/u1	0.00
24) 2-Nitrophenol-d4	9.986	143	31421	3.284	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.522	165	55308	3.044	ng/u1	0.00
31) 4-Chloroaniline-d4	11.045	131	39837	1.588	ng/u1	0.00
46) Dimethylphthalate-d6	14.121	166	148068	3.508	ng/u1	0.00
49) Acenaphthylene-d8	14.410	160	177691	3.445	ng/u1	0.00
54) 4-Nitrophenol-d4	14.915	143	9746	1.355	ng/u1	0.00
60) Fluorene-d10	15.704	176	133198	3.542	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.815	200	9303	1.578	ng/u1	0.00
73) Anthracene-d10	17.551	188	201877	3.922	ng/u1	0.00
81) Pyrene-d10	19.833	212	216975	3.955	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.938	264	199456	3.833	ng/u1	0.00
Target Compounds						Qvalue
30) Naphthalene	10.957	128	76352	1.227	ng/u1	98
50) Acenaphthylene	14.439	152	100182	1.766	ng/u1	98
72) Phenanthrene	17.498	178	217305	3.608	ng/u1	99
74) Anthracene	17.586	178	345921	5.652	ng/u1	99
80) Fluoranthene	19.497	202	441938	6.826	ng/u1	98
82) Pyrene	19.862	202	392319	5.822	ng/u1	99
85) Benzo(a)anthracene	21.603	228	175393	2.853	ng/u1	97
87) Chrysene	21.656	228	127279	2.206	ng/u1	97
90) Benzo(b)fluoranthene	23.344	252	506475	7.842	ng/u1	99
91) Benzo(k)fluoranthene	23.344	252	506475	8.091	ng/u1	99
93) Benzo(a)pyrene	23.991	252	198192	3.489	ng/u1	93
94) Indeno(1,2,3-cd)pyrene	26.697	276	277124	3.788	ng/u1	95
95) Dibenzo(a,h)anthracene	26.697	278	66774	1.083	ng/u1#	85
96) Benzo(g,h,i)perylene	27.503	276	216320	3.704	ng/u1	98

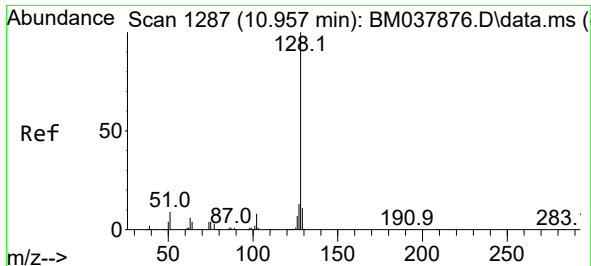
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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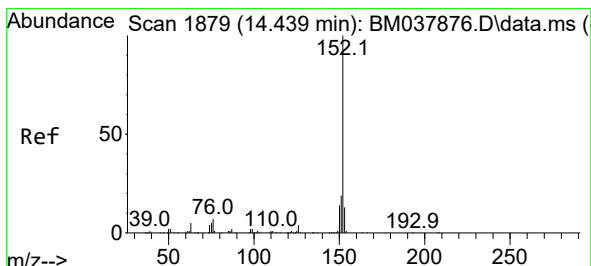
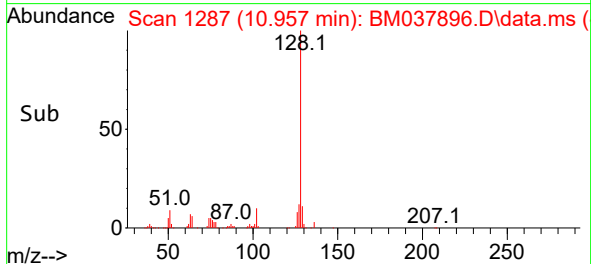
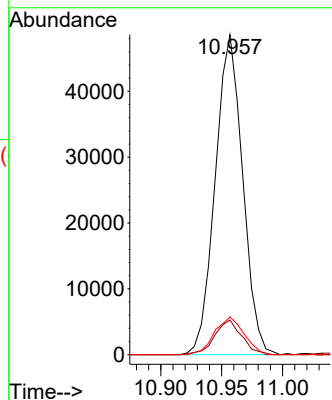
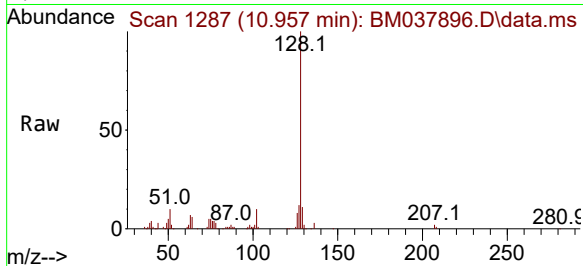




#30
Naphthalene
Concen: 1.227 ng/ul
RT: 10.957 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM037896.D
Acq: 08 Dec 2022 20:54

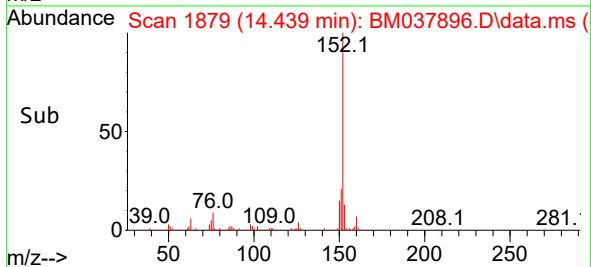
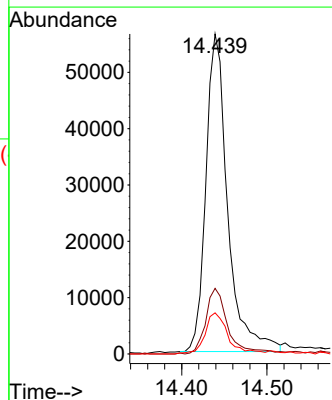
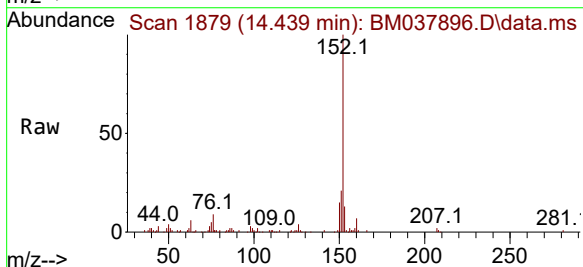
Instrument :
BNA_M
ClientSampleId :
DBXK0

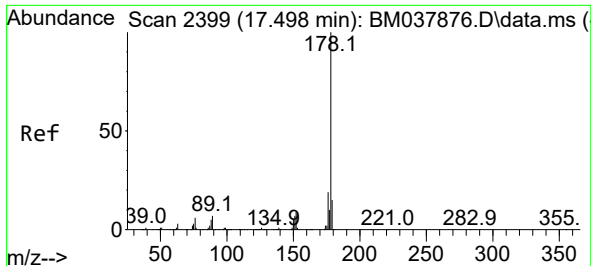
Tgt Ion:128 Resp: 76352
Ion Ratio Lower Upper
128 100
129 10.9 9.0 13.4
127 11.8 10.4 15.6



#50
Acenaphthylene
Concen: 1.766 ng/ul
RT: 14.439 min Scan# 1879
Delta R.T. -0.006 min
Lab File: BM037896.D
Acq: 08 Dec 2022 20:54

Tgt Ion:152 Resp: 100182
Ion Ratio Lower Upper
152 100
151 20.5 15.3 22.9
153 12.9 10.2 15.4

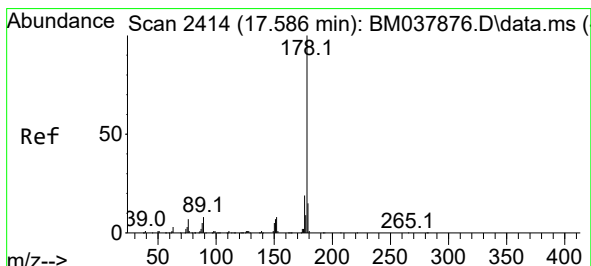
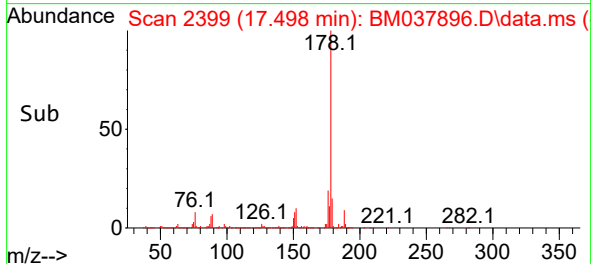
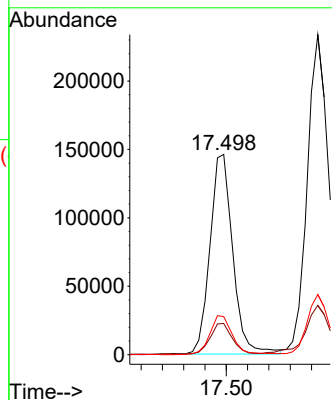
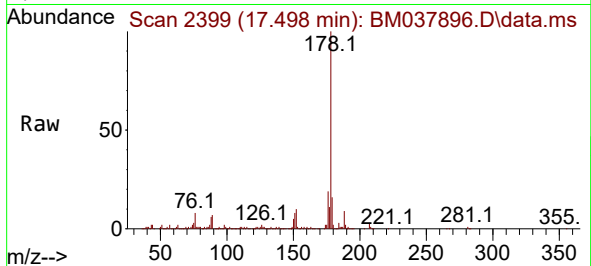




#72
Phenanthrene
Concen: 3.608 ng/ul
RT: 17.498 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM037896.D
Acq: 08 Dec 2022 20:54

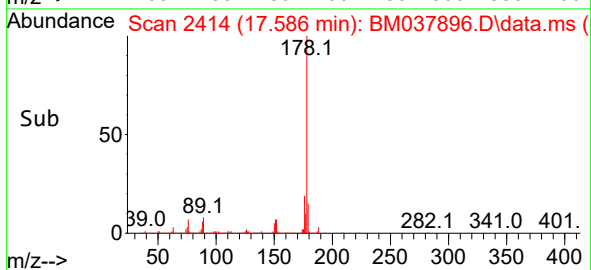
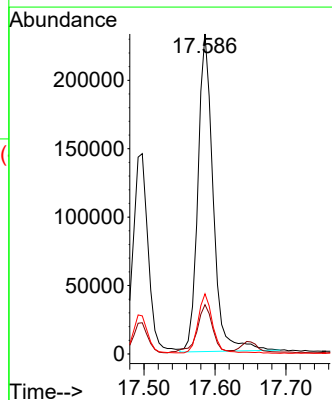
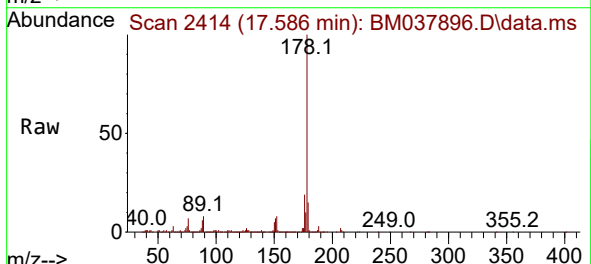
Instrument :
BNA_M
ClientSampleId :
DBXK0

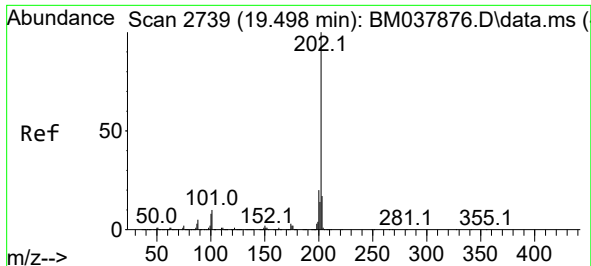
Tgt Ion:178 Resp: 217305
Ion Ratio Lower Upper
178 100
179 15.6 12.2 18.2
176 19.0 15.4 23.0



#74
Anthracene
Concen: 5.652 ng/ul
RT: 17.586 min Scan# 2414
Delta R.T. -0.006 min
Lab File: BM037896.D
Acq: 08 Dec 2022 20:54

Tgt Ion:178 Resp: 345921
Ion Ratio Lower Upper
178 100
179 15.4 11.8 17.8
176 18.8 15.0 22.6

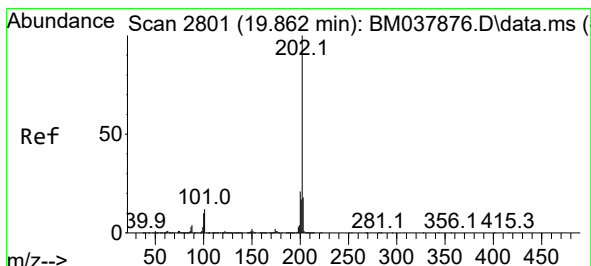
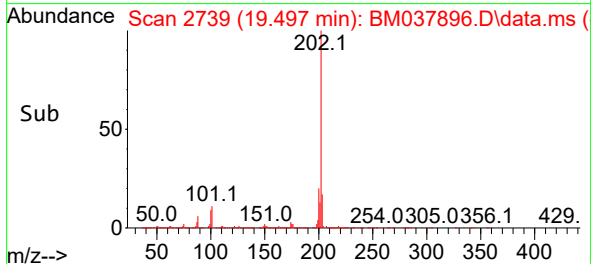
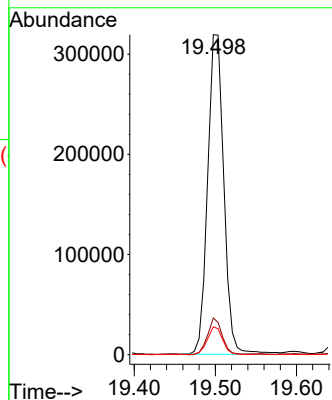
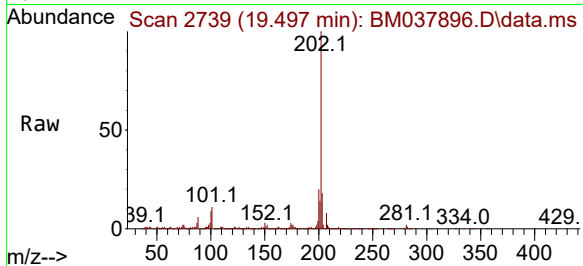




#80
Fluoranthene
Concen: 6.826 ng/ul
RT: 19.497 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM037896.D
Acq: 08 Dec 2022 20:54

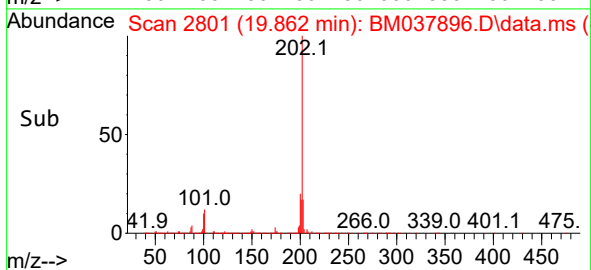
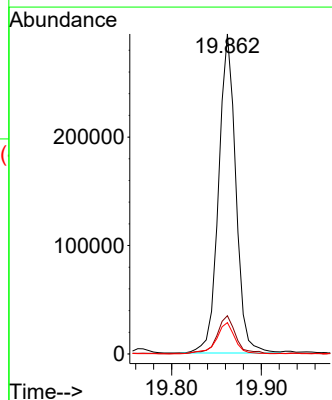
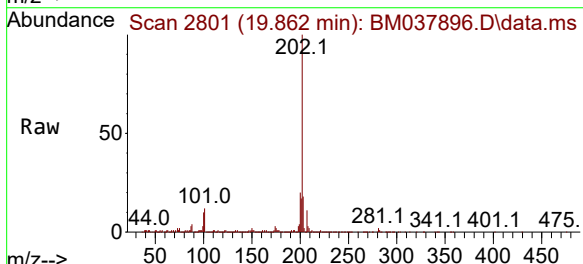
Instrument :
BNA_M
ClientSampleId :
DBXK0

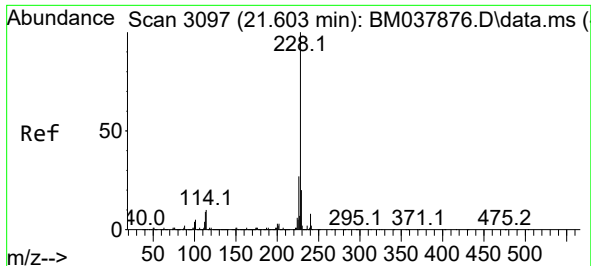
Tgt Ion:202 Resp: 441938
Ion Ratio Lower Upper
202 100
101 11.5 8.6 13.0
100 8.7 6.6 10.0



#82
Pyrene
Concen: 5.822 ng/ul
RT: 19.862 min Scan# 2801
Delta R.T. -0.006 min
Lab File: BM037896.D
Acq: 08 Dec 2022 20:54

Tgt Ion:202 Resp: 392319
Ion Ratio Lower Upper
202 100
101 11.9 10.0 15.0
100 9.8 7.9 11.9

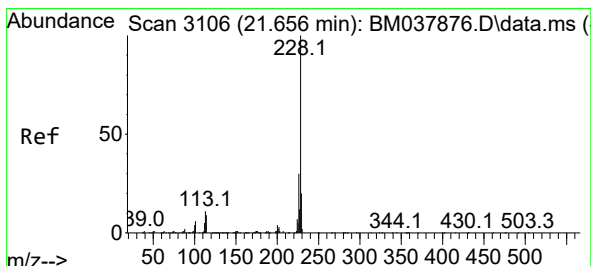
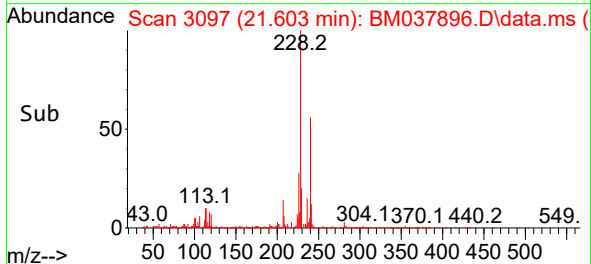
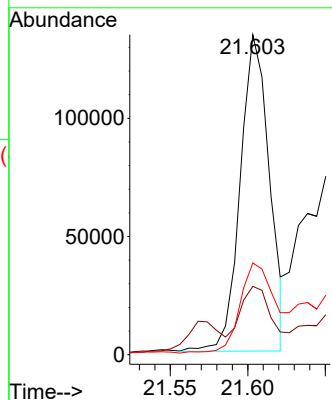
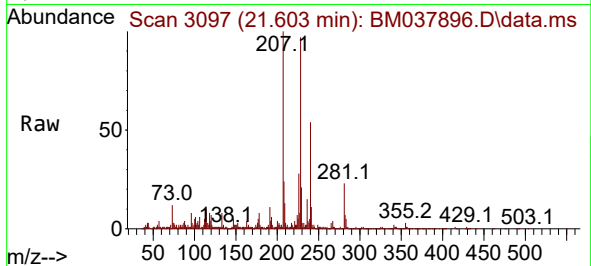




#85
Benzo(a)anthracene
Concen: 2.853 ng/ul
RT: 21.603 min Scan# 3097
Delta R.T. -0.006 min
Lab File: BM037896.D
Acq: 08 Dec 2022 20:54

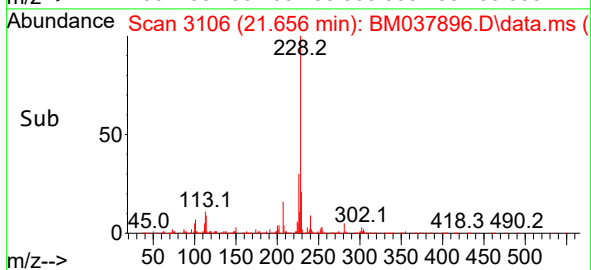
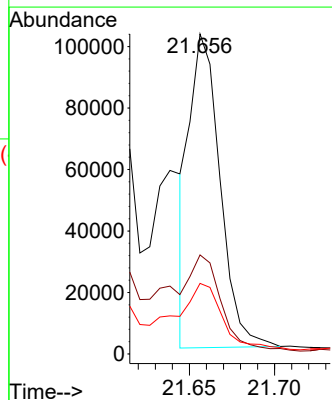
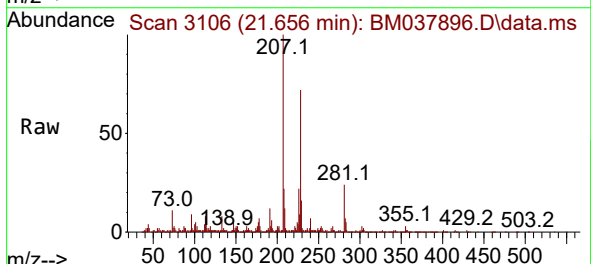
Instrument :
BNA_M
ClientSampleId :
DBXK0

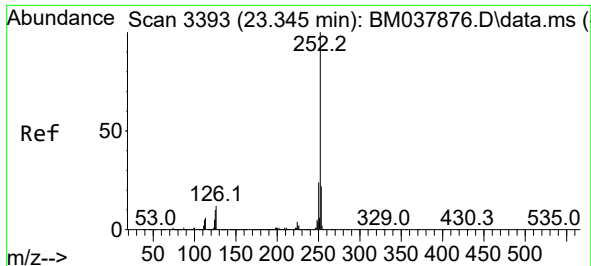
Tgt Ion:228 Resp: 175393
Ion Ratio Lower Upper
228 100
229 21.4 15.5 23.3
226 28.7 21.8 32.8



#87
Chrysene
Concen: 2.206 ng/ul
RT: 21.656 min Scan# 3106
Delta R.T. -0.006 min
Lab File: BM037896.D
Acq: 08 Dec 2022 20:54

Tgt Ion:228 Resp: 127279
Ion Ratio Lower Upper
228 100
226 31.0 24.3 36.5
229 22.0 15.6 23.4

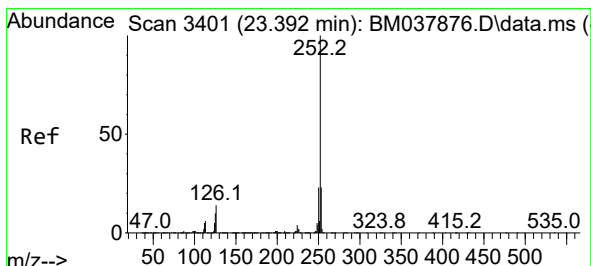
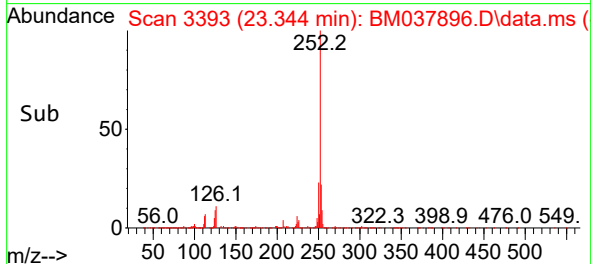
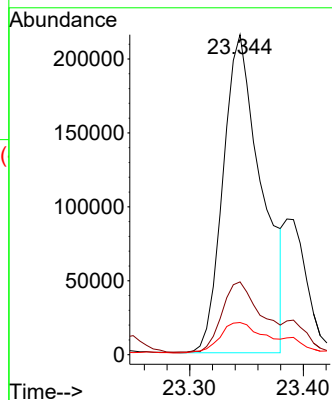
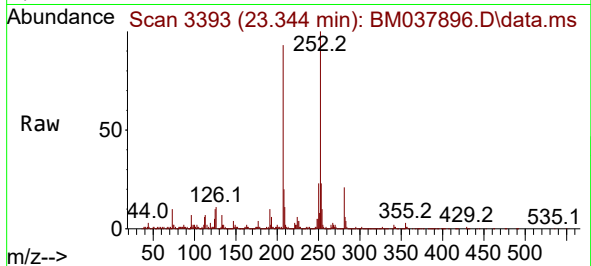




#90
Benzo(b)fluoranthene
Concen: 7.842 ng/ul
RT: 23.344 min Scan# 31
Delta R.T. -0.000 min
Lab File: BM037896.D
Acq: 08 Dec 2022 20:54

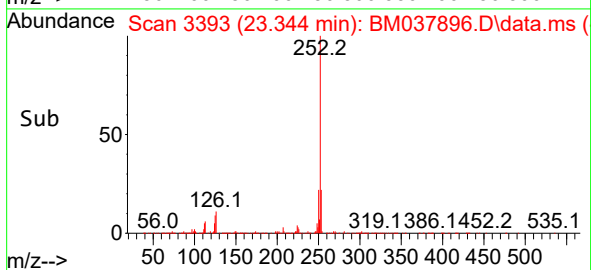
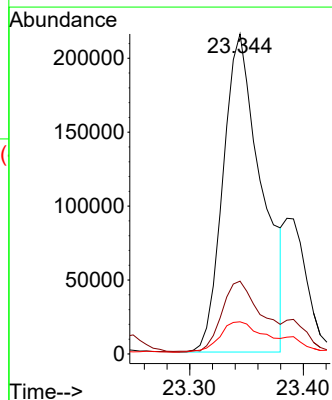
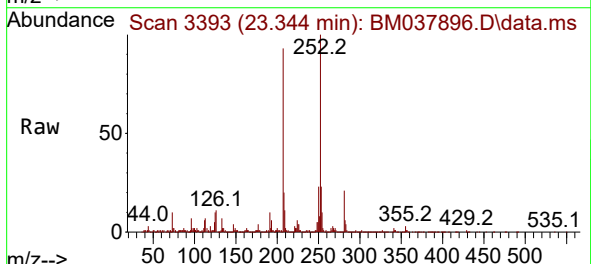
Instrument :
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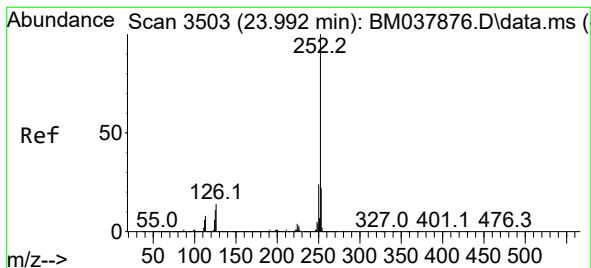
Tgt Ion:252 Resp: 506475
Ion Ratio Lower Upper
252 100
253 22.8 17.6 26.4
125 10.1 8.0 12.0



#91
Benzo(k)fluoranthene
Concen: 8.091 ng/ul
RT: 23.344 min Scan# 3393
Delta R.T. -0.053 min
Lab File: BM037896.D
Acq: 08 Dec 2022 20:54

Tgt Ion:252 Resp: 506475
Ion Ratio Lower Upper
252 100
253 22.8 17.4 26.2
125 10.1 8.1 12.1





#93

Benzo(a)pyrene

Concen: 3.489 ng/ul

RT: 23.991 min Scan# 3

Delta R.T. -0.006 min

Lab File: BM037896.D

Acq: 08 Dec 2022 20:54

Instrument :

BNA_M

ClientSampleId :

DBXK0

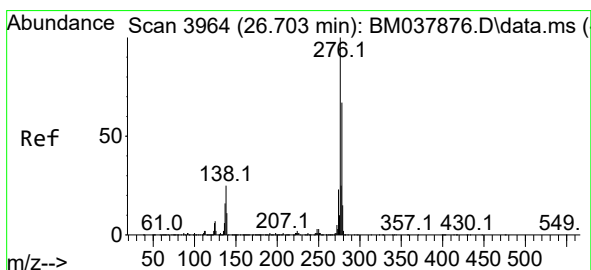
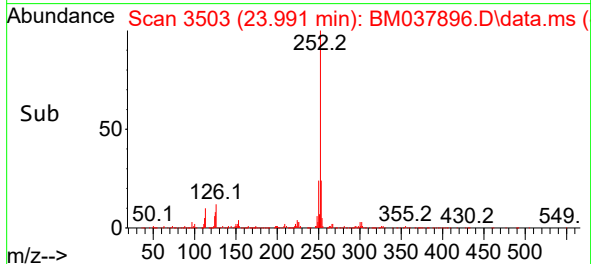
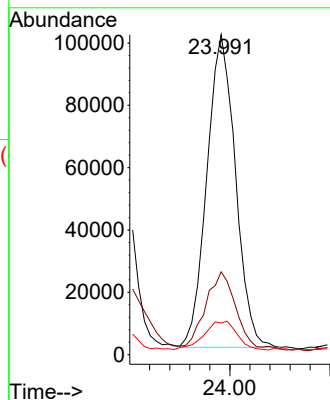
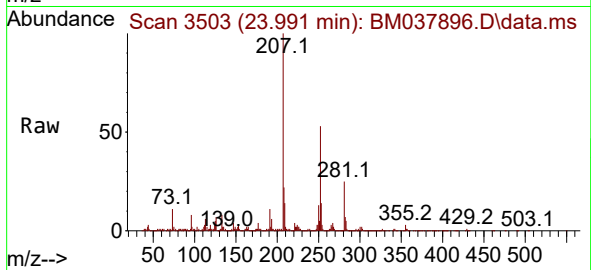
Tgt Ion:252 Resp: 198192

Ion Ratio Lower Upper

252 100

253 25.9 17.4 26.0

125 9.9 9.4 14.0



#94

Indeno(1,2,3-cd)pyrene

Concen: 3.788 ng/ul

RT: 26.697 min Scan# 3963

Delta R.T. -0.012 min

Lab File: BM037896.D

Acq: 08 Dec 2022 20:54

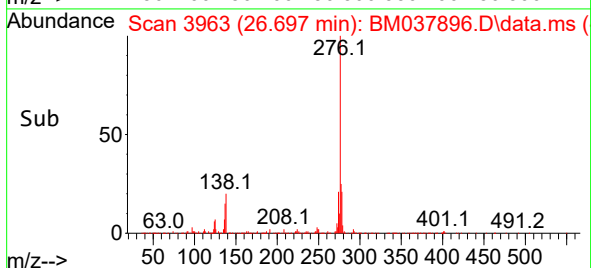
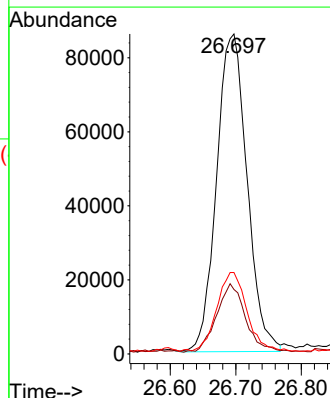
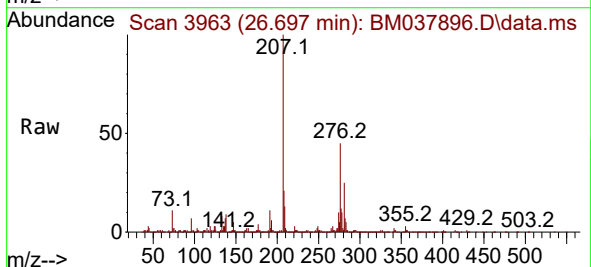
Tgt Ion:276 Resp: 277124

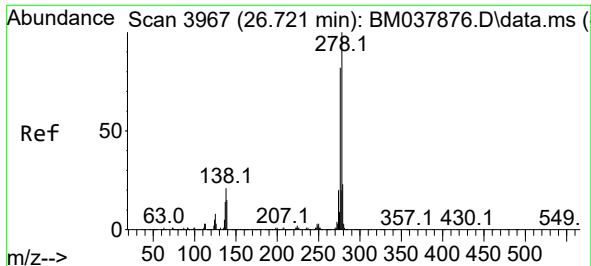
Ion Ratio Lower Upper

276 100

138 20.2 19.3 28.9

277 25.5 19.8 29.8

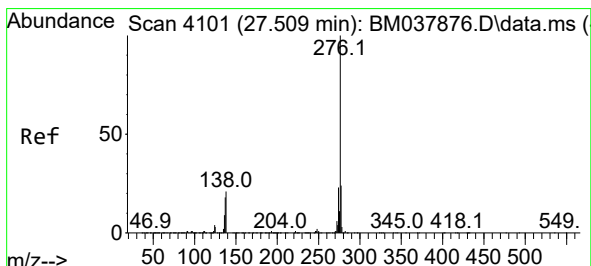
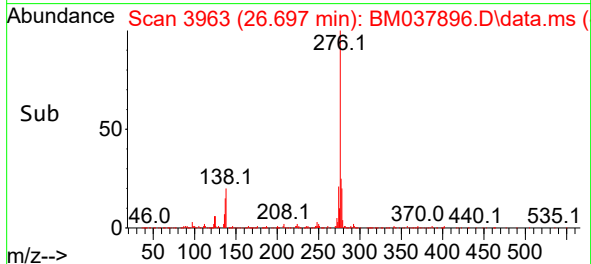
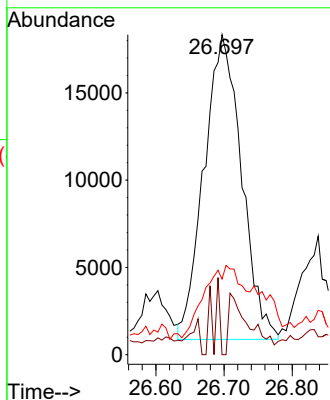
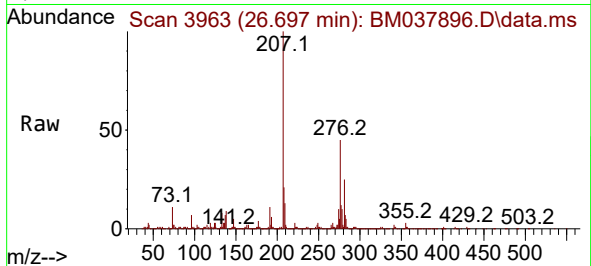




#95
 Dibenzo(a,h)anthracene
 Concen: 1.083 ng/ul
 RT: 26.697 min Scan# 3967
 Delta R.T. -0.029 min
 Lab File: BM037896.D
 Acq: 08 Dec 2022 20:54

Instrument :
 BNA_M
 ClientSampleId :
 DBXK0

Tgt Ion:278 Resp: 66774
 Ion Ratio Lower Upper
 278 100
 139 0.0 12.4 18.6#
 279 23.7 19.8 29.6



#96
 Benzo(g,h,i)perylene
 Concen: 3.704 ng/ul
 RT: 27.503 min Scan# 4100
 Delta R.T. -0.012 min
 Lab File: BM037896.D
 Acq: 08 Dec 2022 20:54

Tgt Ion:276 Resp: 216320
 Ion Ratio Lower Upper
 276 100
 138 20.4 17.1 25.7
 277 22.3 18.2 27.4

