

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120822\
 Data File : BM037894.D
 Acq On : 08 Dec 2022 19:41
 Operator : CG/JU
 Sample : N5832-18 10X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DBXL3

Quant Time: Dec 08 22:41:36 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)

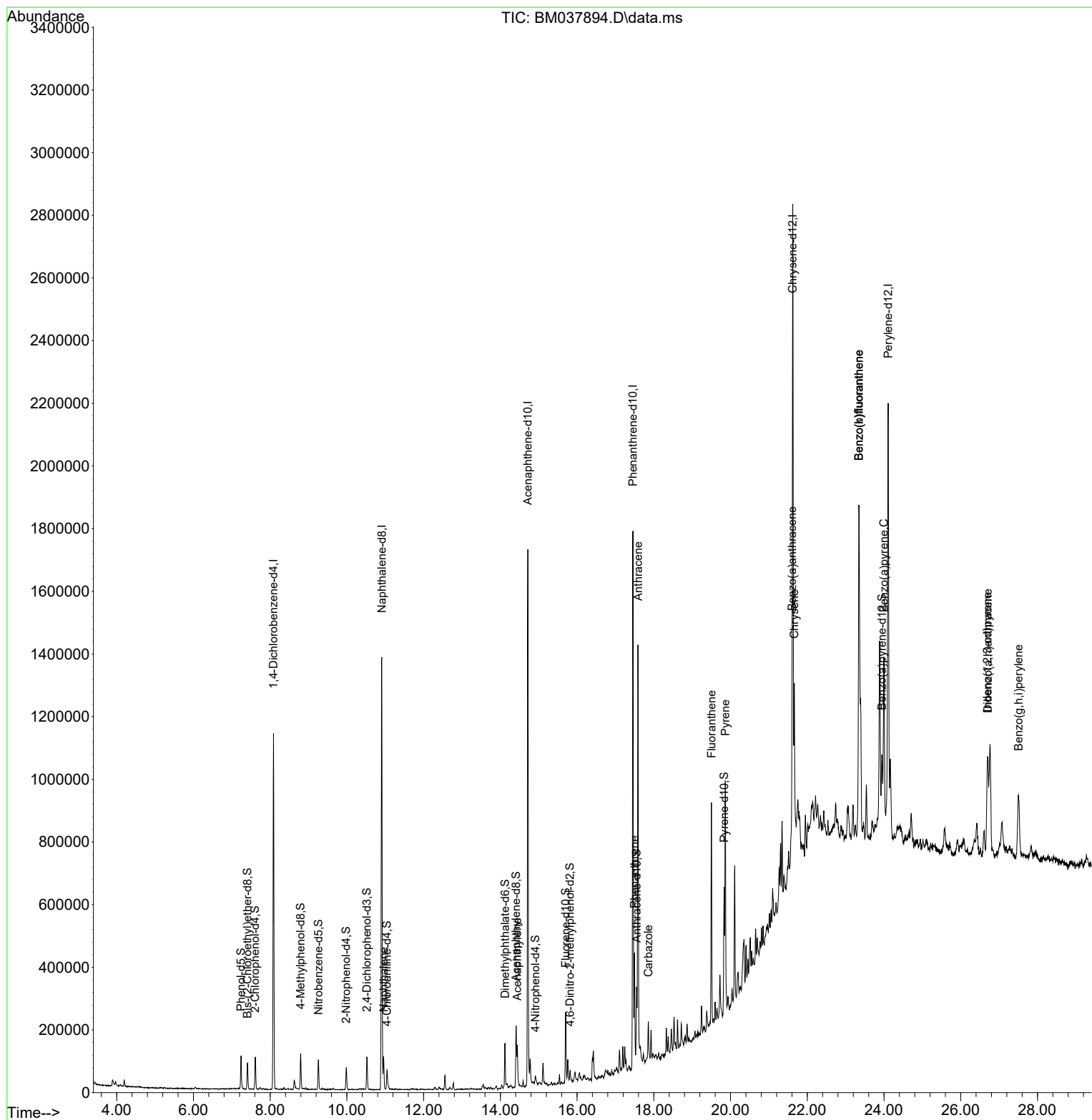
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.086	152	299248	20.000	ng/ul	0.00
20) Naphthalene-d8	10.910	136	1166431	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.715	164	601906	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.456	188	1109369	20.000	ng/ul	0.00
79) Chrysene-d12	21.621	240	914218	20.000	ng/ul	0.00
88) Perylene-d12	24.109	264	1046721	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.428	96	3551	0.539	ng/uL	0.00
4) Pyridine-d5	3.857	84	201	0.010	ng/ul	0.00
7) Phenol-d5	7.239	99	56881	2.339	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.410	67	37653	2.543	ng/ul	0.00
11) 2-Chlorophenol-d4	7.610	132	48896	2.451	ng/ul	0.00
15) 4-Methylphenol-d8	8.792	113	42550	2.242	ng/ul	0.00
21) Nitrobenzene-d5	9.257	128	22263	2.411	ng/ul	0.00
24) 2-Nitrophenol-d4	9.980	143	22976	2.374	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.522	165	39644	2.157	ng/ul	0.00
31) 4-Chloroaniline-d4	11.045	131	32890	1.296	ng/ul	0.00
46) Dimethylphthalate-d6	14.121	166	106549	2.483	ng/ul	0.00
49) Acenaphthylene-d8	14.410	160	129552	2.470	ng/ul	0.00
54) 4-Nitrophenol-d4	14.915	143	8240	1.127	ng/ul	0.00
60) Fluorene-d10	15.704	176	96466	2.523	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.815	200	7502	1.265	ng/ul	0.00
73) Anthracene-d10	17.551	188	152192	2.939	ng/ul	0.00
81) Pyrene-d10	19.833	212	159212	2.899	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.944	264	148064	2.832	ng/ul	0.00
Target Compounds						Qvalue
30) Naphthalene	10.957	128	80264	1.275	ng/ul	97
50) Acenaphthylene	14.439	152	104239	1.808	ng/ul	99
72) Phenanthrene	17.498	178	207036	3.417	ng/ul	99
74) Anthracene	17.586	178	857379	13.926	ng/ul	100
77) Carbazole	17.856	167	82703	1.550	ng/ul	98
80) Fluoranthene	19.503	202	435351	6.717	ng/ul	97
82) Pyrene	19.862	202	449937	6.670	ng/ul	99
85) Benzo(a)anthracene	21.603	228	289759	4.708	ng/ul	97
87) Chrysene	21.662	228	376992	6.528	ng/ul	99
90) Benzo(b)fluoranthene	23.344	252	902508	13.908	ng/ul	98
91) Benzo(k)fluoranthene	23.344	252	902508	14.350	ng/ul	98
93) Benzo(a)pyrene	23.997	252	390600	6.845	ng/ul	95
94) Indeno(1,2,3-cd)pyrene	26.697	276	361799	4.923	ng/ul	98
95) Dibenzo(a,h)anthracene	26.709	278	91053	1.470	ng/ul#	92
96) Benzo(g,h,i)perylene	27.503	276	286618	4.885	ng/ul	94

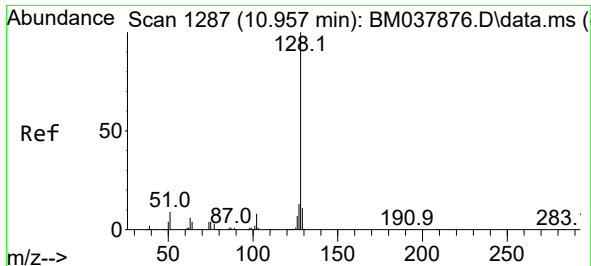
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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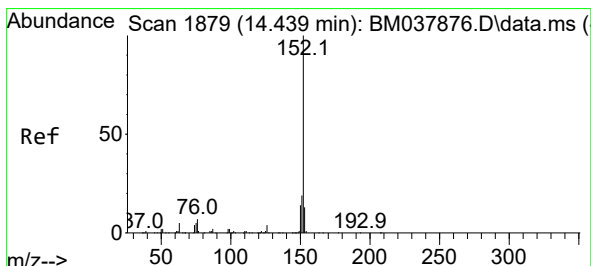
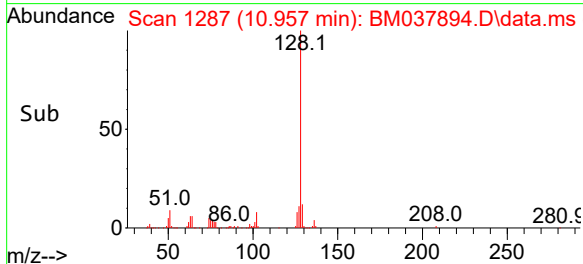
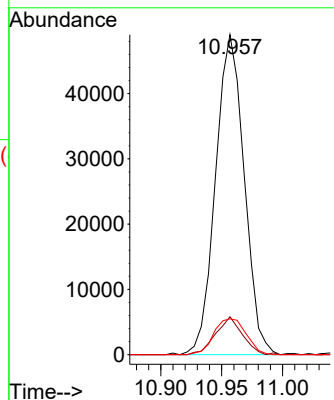
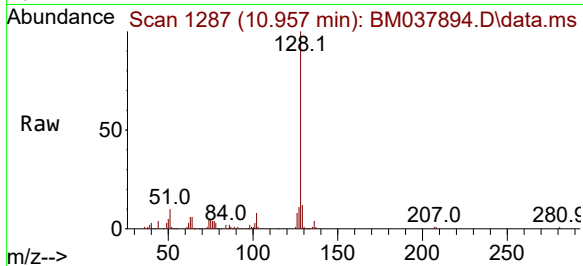




#30
Naphthalene
Concen: 1.275 ng/ul
RT: 10.957 min Scan# 1287
Delta R.T. -0.006 min
Lab File: BM037894.D
Acq: 08 Dec 2022 19:41

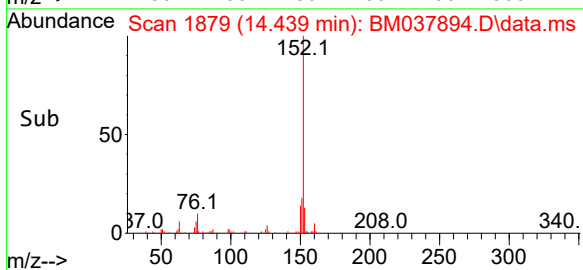
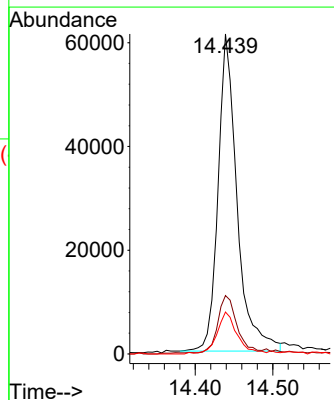
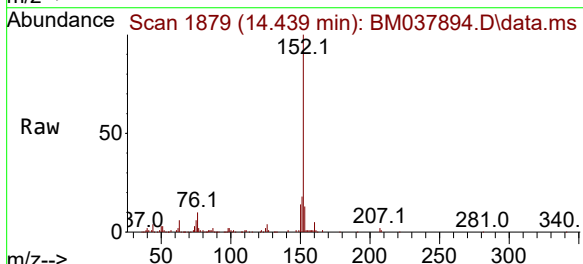
Instrument :
BNA_M
ClientSampleId :
DBXL3

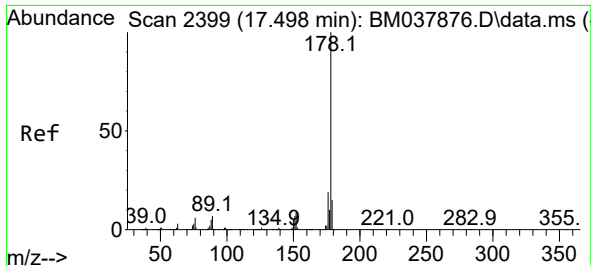
Tgt Ion:128 Resp: 80264
Ion Ratio Lower Upper
128 100
129 11.9 9.0 13.4
127 11.2 10.4 15.6



#50
Acenaphthylene
Concen: 1.808 ng/ul
RT: 14.439 min Scan# 1879
Delta R.T. -0.006 min
Lab File: BM037894.D
Acq: 08 Dec 2022 19:41

Tgt Ion:152 Resp: 104239
Ion Ratio Lower Upper
152 100
151 18.3 15.3 22.9
153 13.1 10.2 15.4

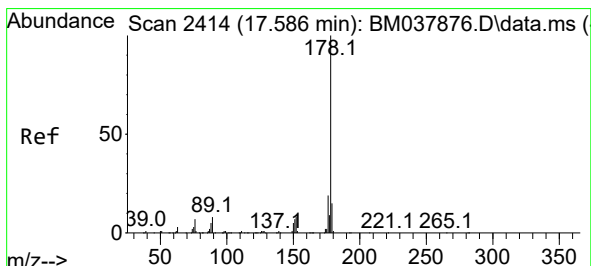
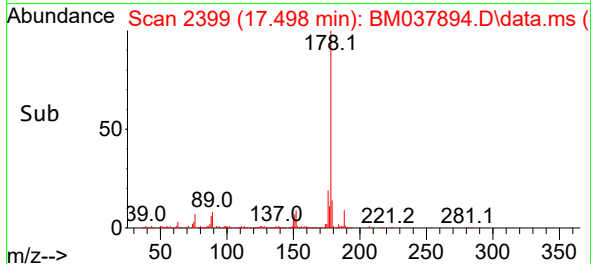
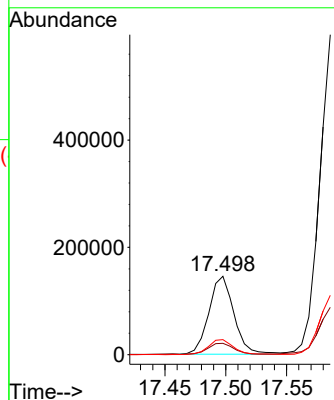
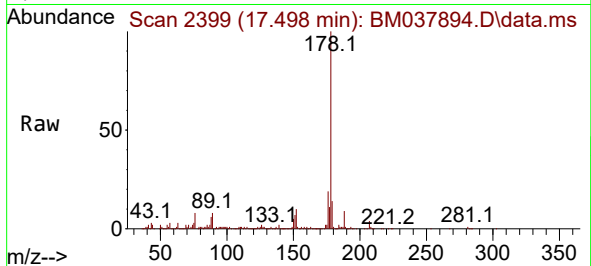




#72
Phenanthrene
Concen: 3.417 ng/ul
RT: 17.498 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM037894.D
Acq: 08 Dec 2022 19:41

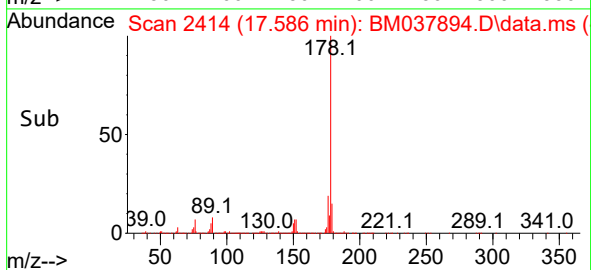
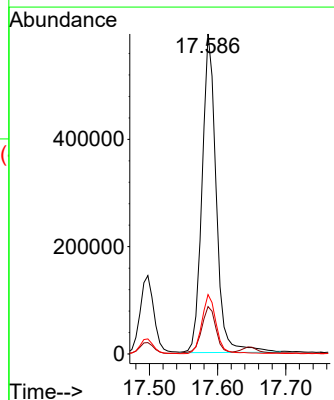
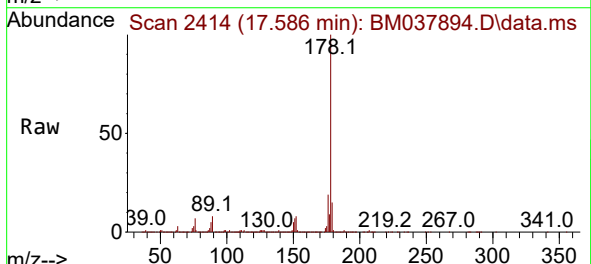
Instrument :
BNA_M
ClientSampleId :
DBXL3

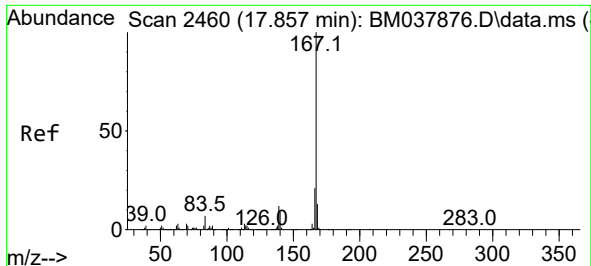
Tgt Ion:178 Resp: 207036
Ion Ratio Lower Upper
178 100
179 14.4 12.2 18.2
176 19.1 15.4 23.0



#74
Anthracene
Concen: 13.926 ng/ul
RT: 17.586 min Scan# 2414
Delta R.T. -0.006 min
Lab File: BM037894.D
Acq: 08 Dec 2022 19:41

Tgt Ion:178 Resp: 857379
Ion Ratio Lower Upper
178 100
179 14.8 11.8 17.8
176 18.6 15.0 22.6

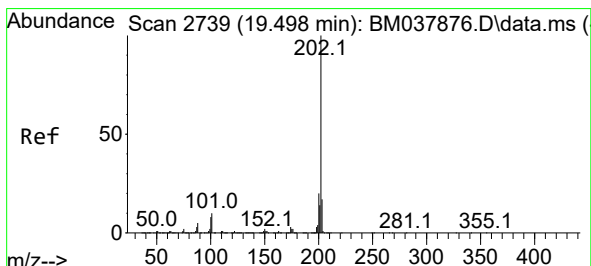
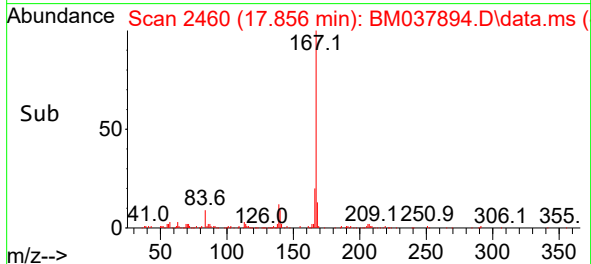
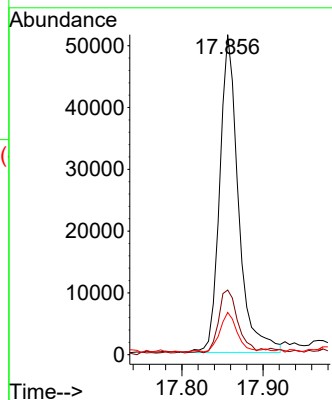
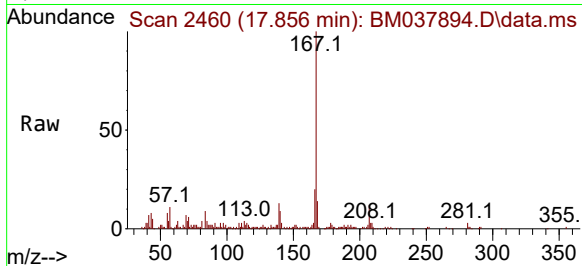




#77
 Carbazole
 Concen: 1.550 ng/ul
 RT: 17.856 min Scan# 2460
 Delta R.T. -0.000 min
 Lab File: BM037894.D
 Acq: 08 Dec 2022 19:41

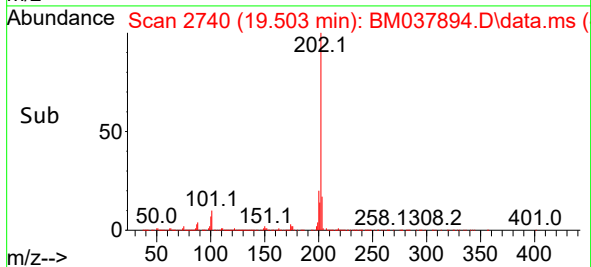
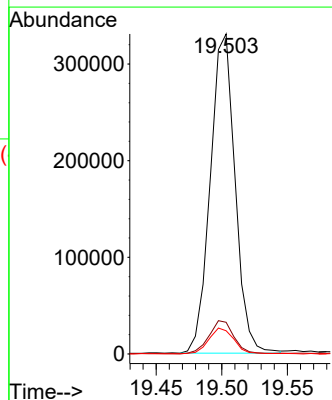
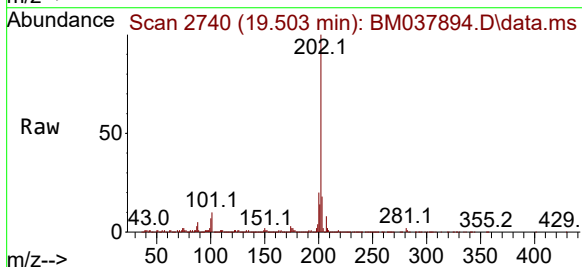
Instrument :
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 ClientSampleId :
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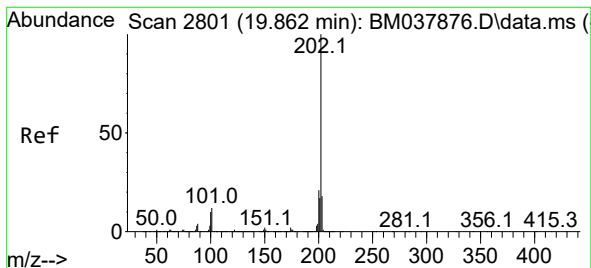
Tgt Ion:167 Resp: 82703
 Ion Ratio Lower Upper
 167 100
 166 20.2 16.7 25.1
 139 13.2 9.8 14.6



#80
 Fluoranthene
 Concen: 6.717 ng/ul
 RT: 19.503 min Scan# 2740
 Delta R.T. -0.000 min
 Lab File: BM037894.D
 Acq: 08 Dec 2022 19:41

Tgt Ion:202 Resp: 435351
 Ion Ratio Lower Upper
 202 100
 101 9.9 8.6 13.0
 100 7.2 6.6 10.0





#82

Pyrene

Concen: 6.670 ng/ul

RT: 19.862 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM037894.D

Acq: 08 Dec 2022 19:41

Instrument :

BNA_M

ClientSampleId :

DBXL3

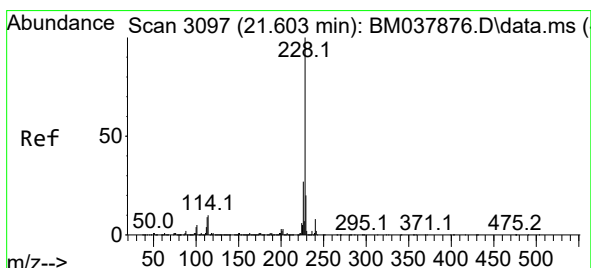
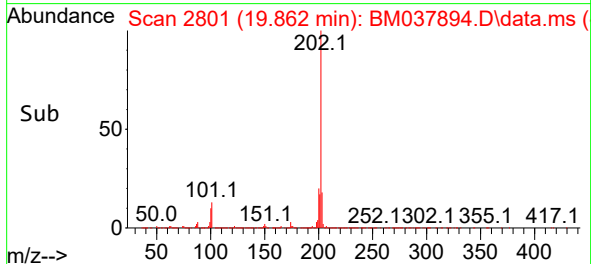
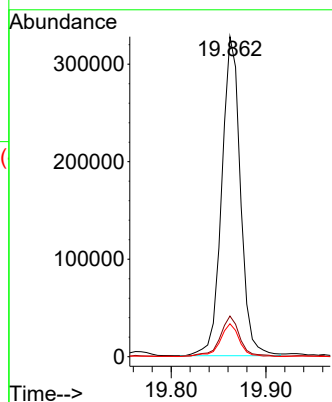
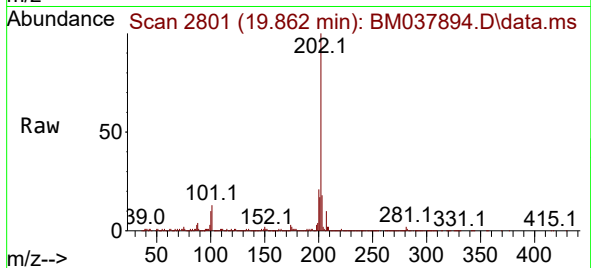
Tgt Ion:202 Resp: 449937

Ion Ratio Lower Upper

202 100

101 12.7 10.0 15.0

100 10.3 7.9 11.9



#85

Benzo(a)anthracene

Concen: 4.708 ng/ul

RT: 21.603 min Scan# 3097

Delta R.T. -0.006 min

Lab File: BM037894.D

Acq: 08 Dec 2022 19:41

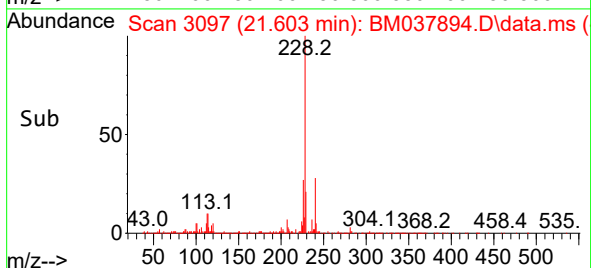
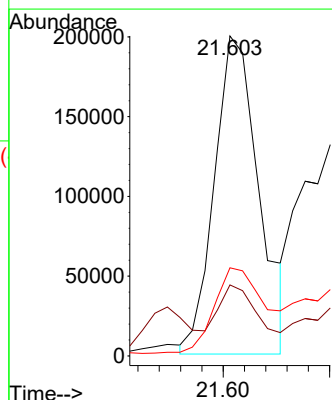
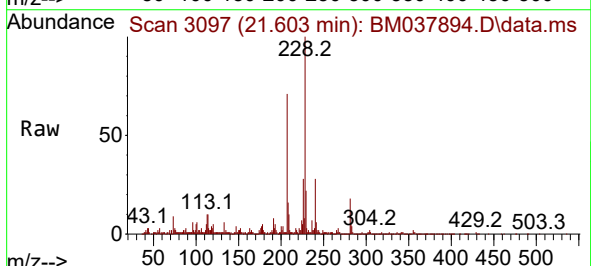
Tgt Ion:228 Resp: 289759

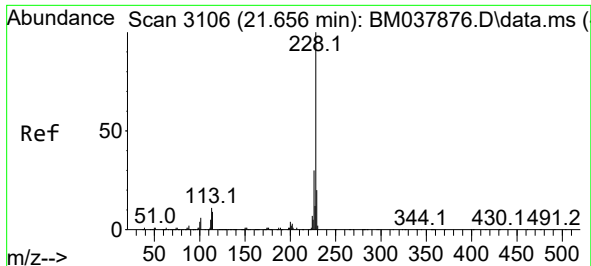
Ion Ratio Lower Upper

228 100

229 22.2 15.5 23.3

226 27.5 21.8 32.8

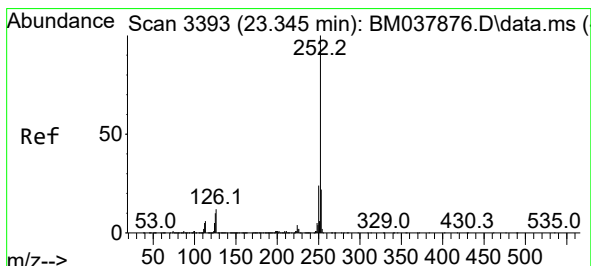
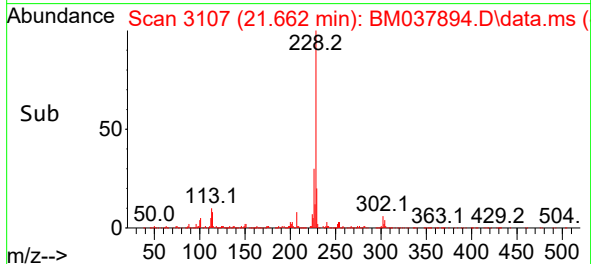
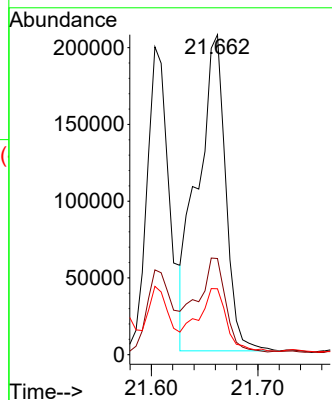
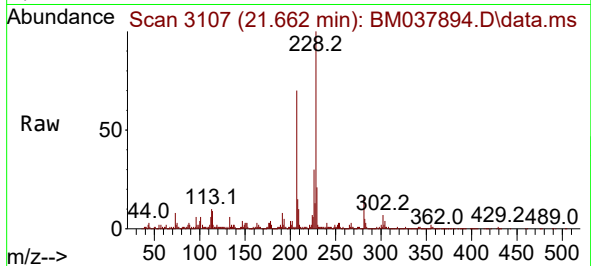




#87
Chrysene
Concen: 6.528 ng/ul
RT: 21.662 min Scan# 3106
Delta R.T. -0.000 min
Lab File: BM037894.D
Acq: 08 Dec 2022 19:41

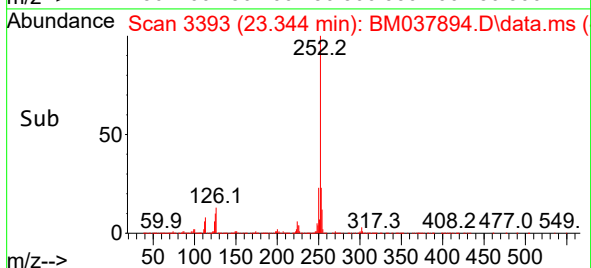
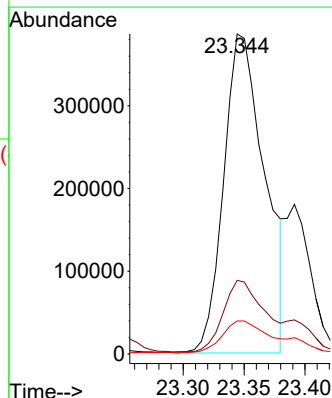
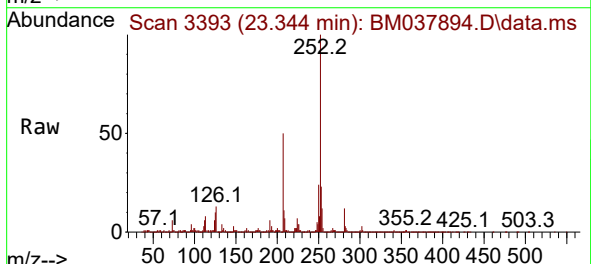
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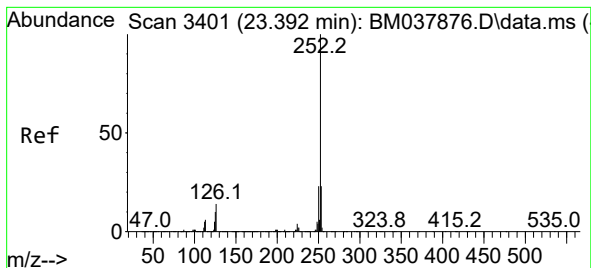
Tgt Ion:228 Resp: 376992
Ion Ratio Lower Upper
228 100
226 30.1 24.3 36.5
229 20.6 15.6 23.4



#90
Benzo(b)fluoranthene
Concen: 13.908 ng/ul
RT: 23.344 min Scan# 3393
Delta R.T. -0.000 min
Lab File: BM037894.D
Acq: 08 Dec 2022 19:41

Tgt Ion:252 Resp: 902508
Ion Ratio Lower Upper
252 100
253 23.0 17.6 26.4
125 10.3 8.0 12.0





#91

Benzo(k)fluoranthene

Concen: 14.350 ng/ul

RT: 23.344 min Scan# 3

Delta R.T. -0.053 min

Lab File: BM037894.D

Acq: 08 Dec 2022 19:41

Instrument :

BNA_M

ClientSampleId :

DBXL3

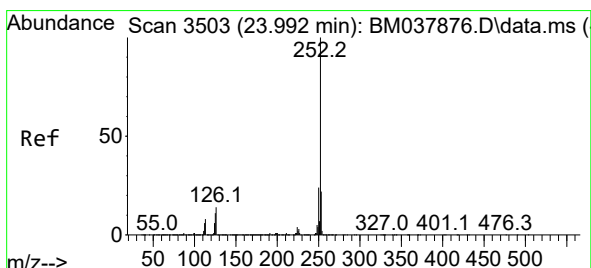
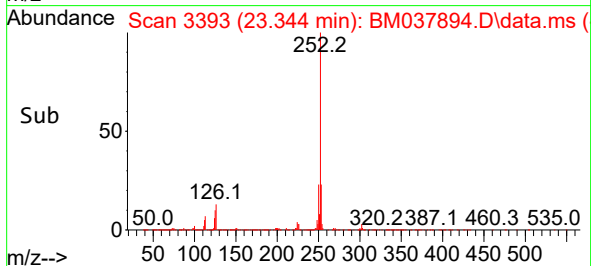
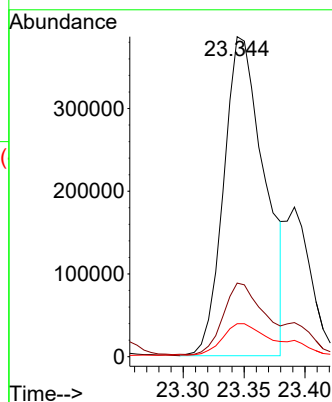
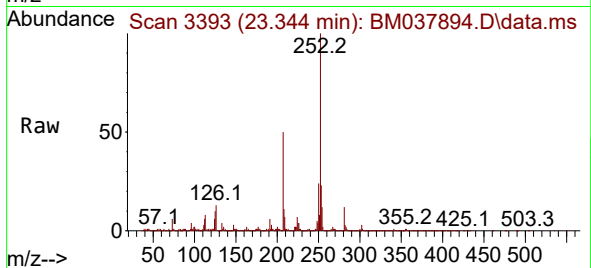
Tgt Ion:252 Resp: 902508

Ion Ratio Lower Upper

252 100

253 23.0 17.4 26.2

125 10.3 8.1 12.1



#93

Benzo(a)pyrene

Concen: 6.845 ng/ul

RT: 23.997 min Scan# 3504

Delta R.T. -0.000 min

Lab File: BM037894.D

Acq: 08 Dec 2022 19:41

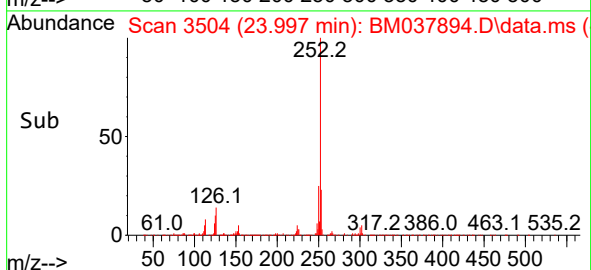
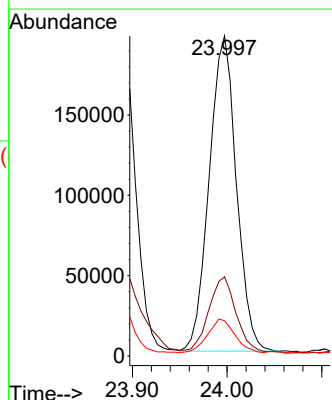
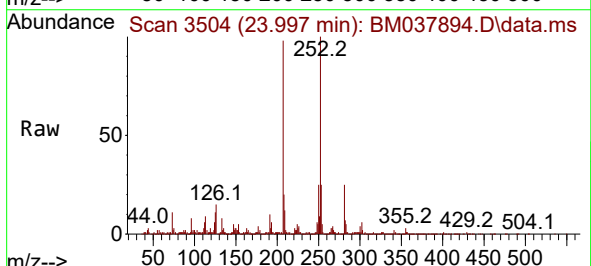
Tgt Ion:252 Resp: 390600

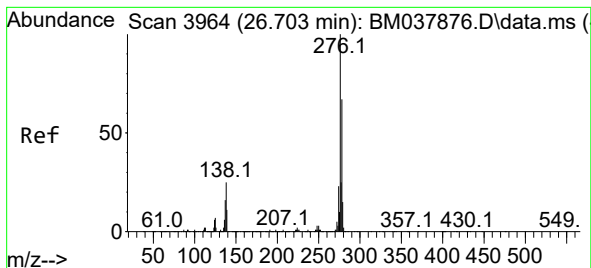
Ion Ratio Lower Upper

252 100

253 24.7 17.4 26.0

125 11.0 9.4 14.0





#94

Indeno(1,2,3-cd)pyrene

Concen: 4.923 ng/ul

RT: 26.697 min Scan# 3963

Delta R.T. -0.012 min

Lab File: BM037894.D

Acq: 08 Dec 2022 19:41

Instrument :

BNA_M

ClientSampleId :

DBXL3

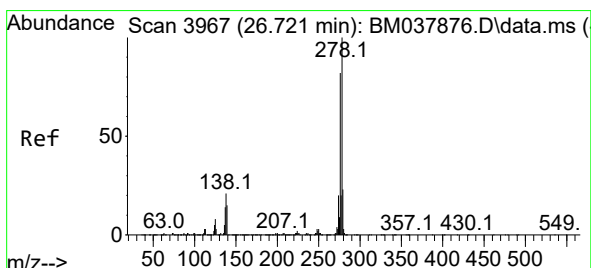
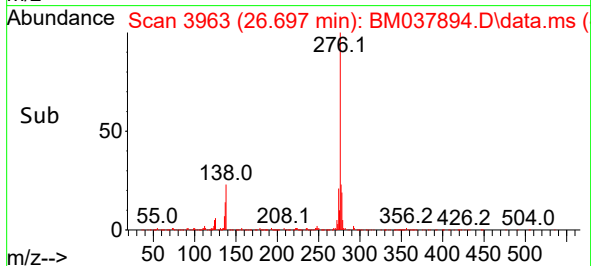
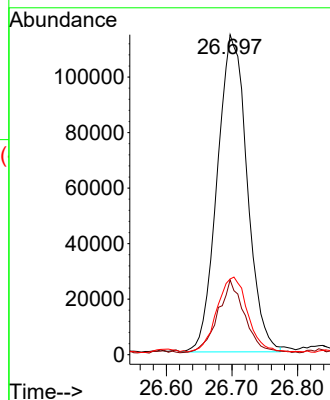
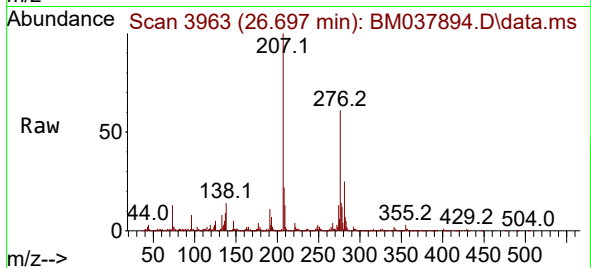
Tgt Ion:276 Resp: 361799

Ion Ratio Lower Upper

276 100

138 23.4 19.3 28.9

277 23.7 19.8 29.8



#95

Dibenzo(a,h)anthracene

Concen: 1.470 ng/ul

RT: 26.709 min Scan# 3965

Delta R.T. -0.018 min

Lab File: BM037894.D

Acq: 08 Dec 2022 19:41

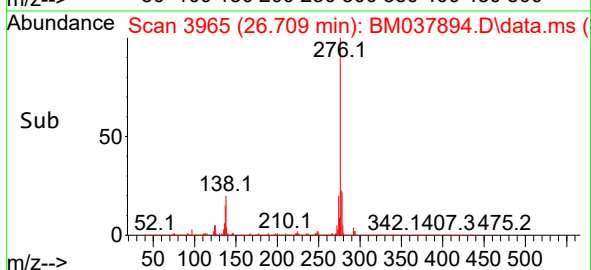
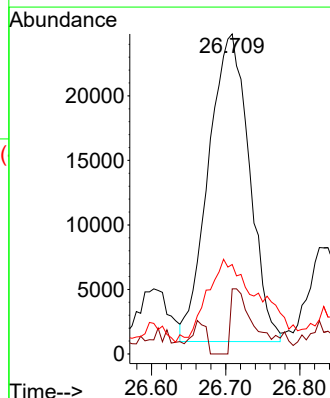
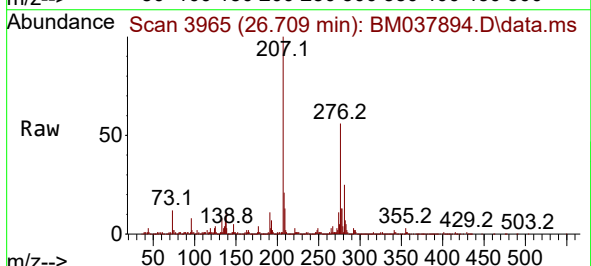
Tgt Ion:278 Resp: 91053

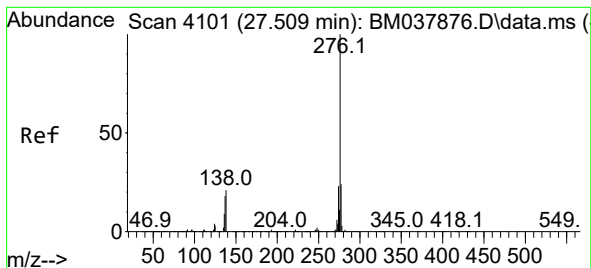
Ion Ratio Lower Upper

278 100

139 20.4 12.4 18.6#

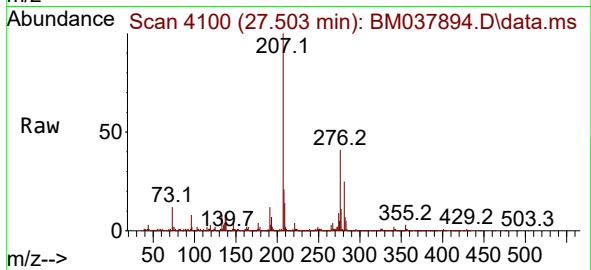
279 27.9 19.8 29.6





#96
 Benzo(g,h,i)perylene
 Concen: 4.885 ng/ul
 RT: 27.503 min Scan# 41
 Delta R.T. -0.012 min
 Lab File: BM037894.D
 Acq: 08 Dec 2022 19:41

Instrument :
 BNA_M
 ClientSampleId :
 DBXL3



Tgt Ion:276 Resp: 286618
 Ion Ratio Lower Upper
 276 100
 138 18.8 17.1 25.7
 277 25.5 18.2 27.4

