

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091922\
 Data File : BM036584.D
 Acq On : 19 Sep 2022 17:34
 Operator : CG/JU
 Sample : N4604-09
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Sep 19 22:33:18 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM091522.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Sep 16 02:39:54 2022
 Response via : Initial Calibration

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

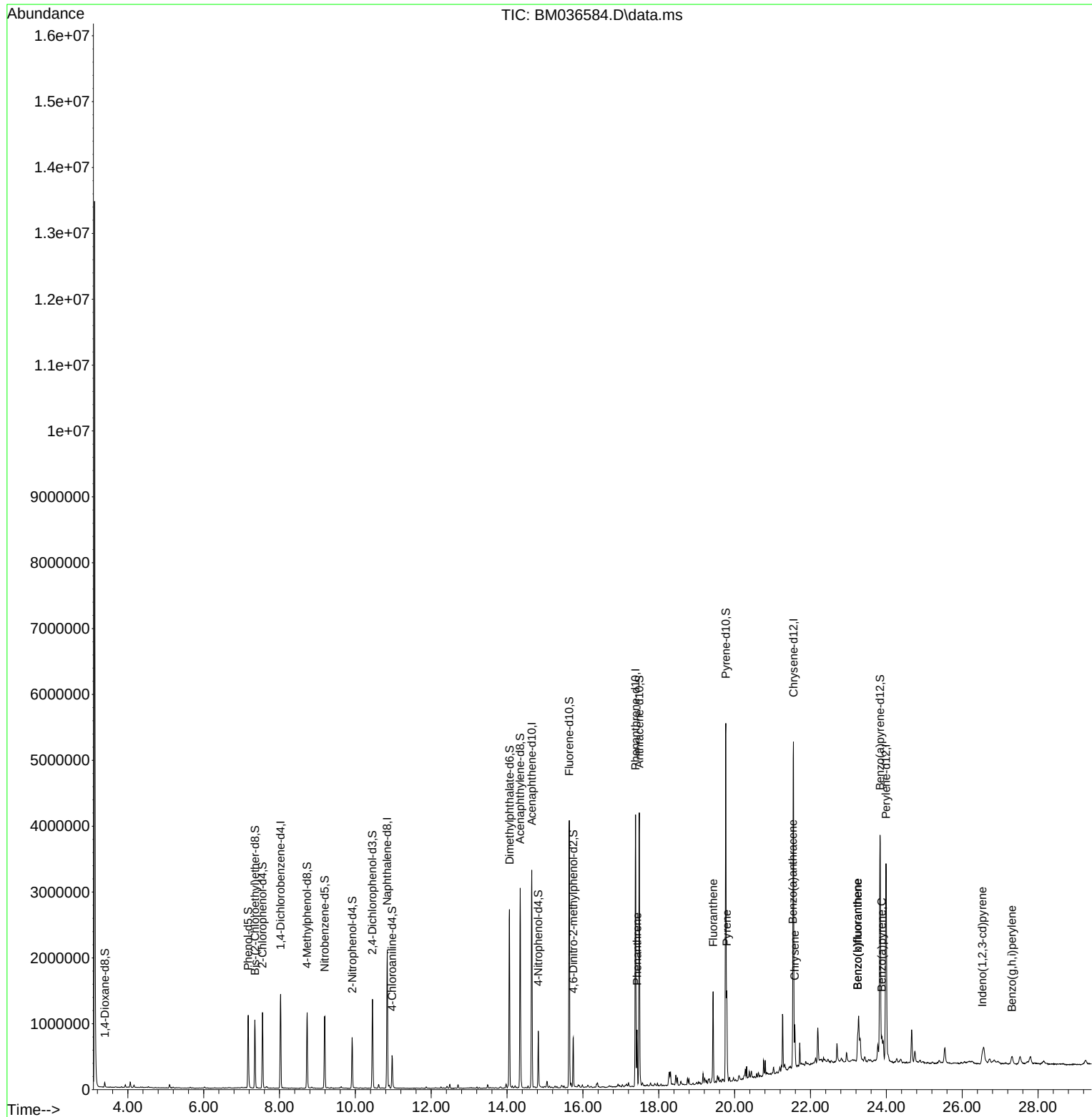
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.028	152	372413	20.000	ng/u1	0.00
20) Naphthalene-d8	10.839	136	1666791	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.651	164	1103373	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.386	188	2273083	20.000	ng/u1	0.00
79) Chrysene-d12	21.550	240	2261386	20.000	ng/u1	0.00
88) Perylene-d12	23.991	264	2207112	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.393	96	37085	3.733	ng/uL	0.00
4) Pyridine-d5	3.822	84	702	0.024	ng/u1	0.00
7) Phenol-d5	7.175	99	610023	18.330	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.351	67	432931	21.420	ng/u1	0.00
11) 2-Chlorophenol-d4	7.551	132	494034	20.619	ng/u1	0.00
15) 4-Methylphenol-d8	8.728	113	406482	16.530	ng/u1	0.00
21) Nitrobenzene-d5	9.192	128	249188	22.088	ng/u1	0.00
24) 2-Nitrophenol-d4	9.916	143	226902	22.454	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.451	165	453473	19.364	ng/u1	0.00
31) 4-Chloroaniline-d4	10.969	131	256112	6.578	ng/u1	0.00
46) Dimethylphthalate-d6	14.063	166	1661355	22.325	ng/u1	0.00
49) Acenaphthylene-d8	14.345	160	1903320	21.562	ng/u1	0.00
54) 4-Nitrophenol-d4	14.821	143	173245	12.003	ng/u1	0.00
60) Fluorene-d10	15.639	176	1497431	22.454	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.745	200	132068	14.685	ng/u1	0.00
73) Anthracene-d10	17.486	188	2206351	21.229	ng/u1	0.00
81) Pyrene-d10	19.768	212	2738344	24.614	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.833	264	2524866	23.415	ng/u1	0.00
Target Compounds						
					Qvalue	
72) Phenanthrene	17.427	178	479588	3.830	ng/u1	99
80) Fluoranthene	19.433	202	748463	5.490	ng/u1	99
82) Pyrene	19.792	202	715977	4.961	ng/u1	97
85) Benzo(a)anthracene	21.533	228	260263	1.837	ng/u1	95
87) Chrysene	21.586	228	310882	2.312	ng/u1	99
90) Benzo(b)fluoranthene	23.244	252	406273	2.903	ng/u1	99
91) Benzo(k)fluoranthene	23.244	252	406273	2.905	ng/u1	97
93) Benzo(a)pyrene	23.880	252	260143	2.114	ng/u1	98
94) Indeno(1,2,3-cd)pyrene	26.532	276	167710	1.167	ng/u1	99
96) Benzo(g,h,i)perylene	27.309	276	143605	1.153	ng/u1	98

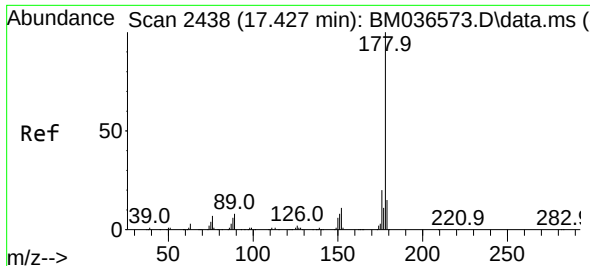
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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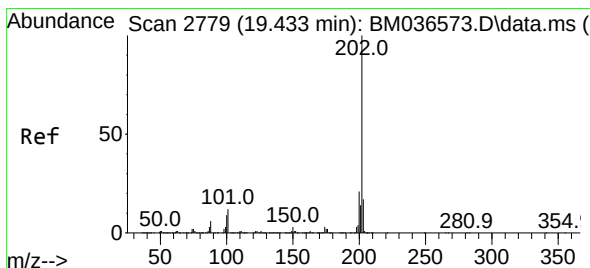
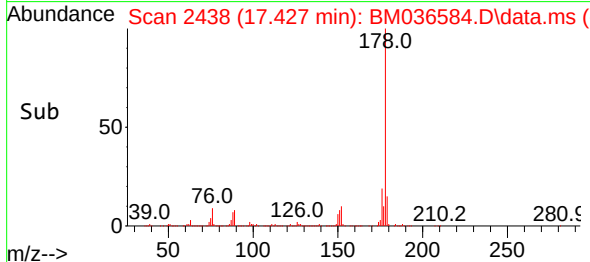
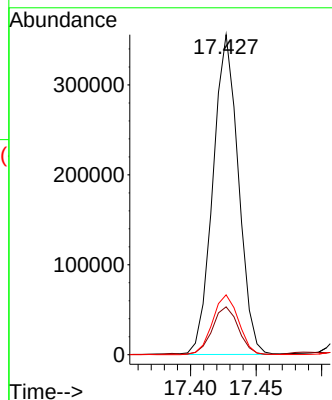
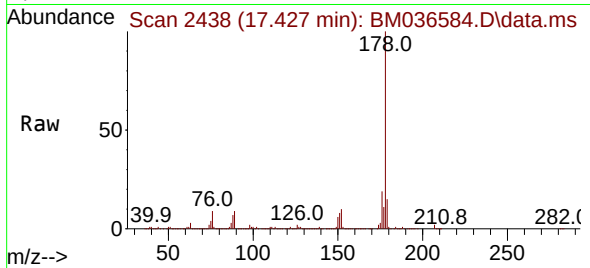




#72
Phenanthrene
Concen: 3.830 ng/ul
RT: 17.427 min Scan# 2438
Delta R.T. -0.006 min
Lab File: BM036584.D
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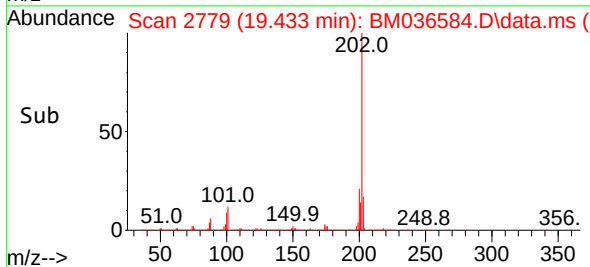
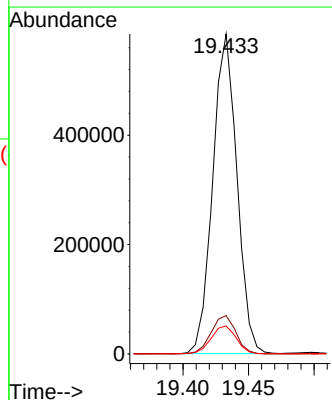
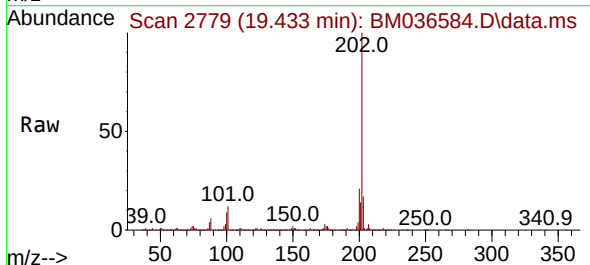
Instrument :
BNA_M
ClientSampleId :

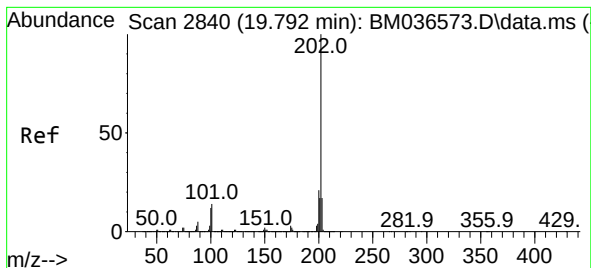
Tgt Ion:178 Resp: 479588
Ion Ratio Lower Upper
178 100
179 14.9 12.2 18.2
176 18.7 15.7 23.5



#80
Fluoranthene
Concen: 5.490 ng/ul
RT: 19.433 min Scan# 2779
Delta R.T. 0.000 min
Lab File: BM036584.D
Acq: 19 Sep 2022 17:34

Tgt Ion:202 Resp: 748463
Ion Ratio Lower Upper
202 100
101 12.0 9.8 14.6
100 8.7 7.4 11.2





#82

Pyrene

Concen: 4.961 ng/ul

RT: 19.792 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM036584.D

Acq: 19 Sep 2022 17:34

Instrument :

BNA_M

ClientSampleId :

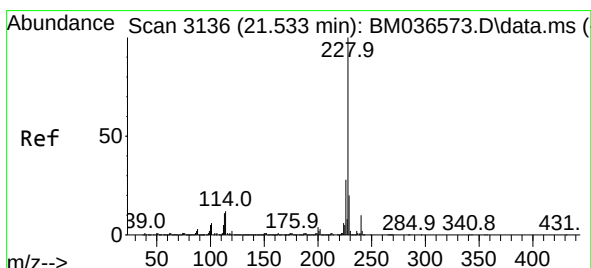
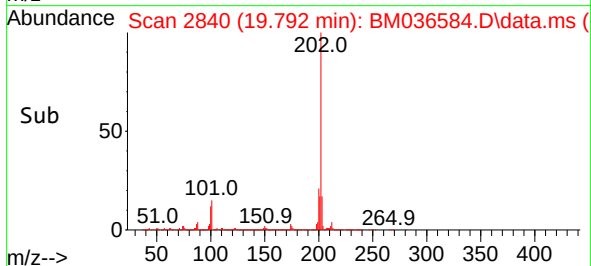
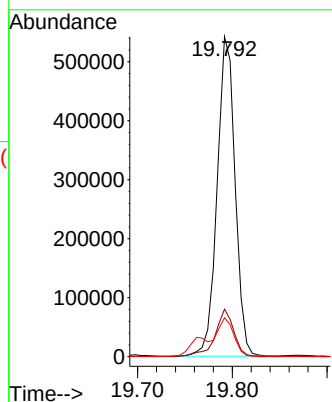
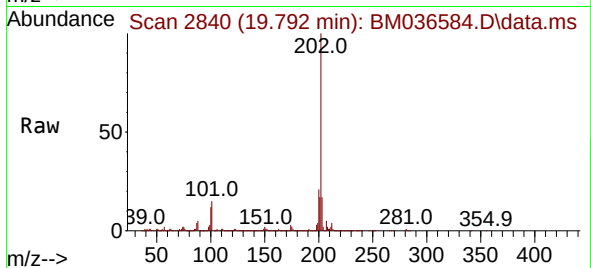
Tgt Ion:202 Resp: 715977

Ion Ratio Lower Upper

202 100

101 14.8 10.9 16.3

100 12.1 8.7 13.1



#85

Benzo(a)anthracene

Concen: 1.837 ng/ul

RT: 21.533 min Scan# 3136

Delta R.T. -0.006 min

Lab File: BM036584.D

Acq: 19 Sep 2022 17:34

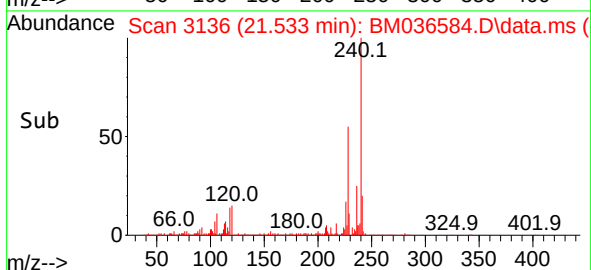
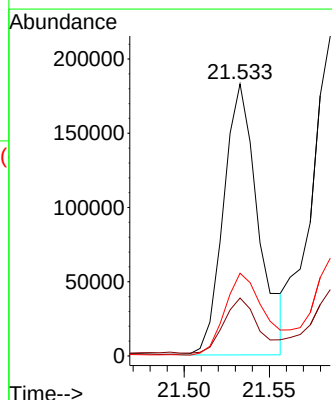
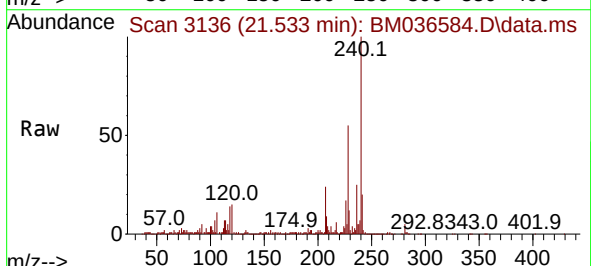
Tgt Ion:228 Resp: 260263

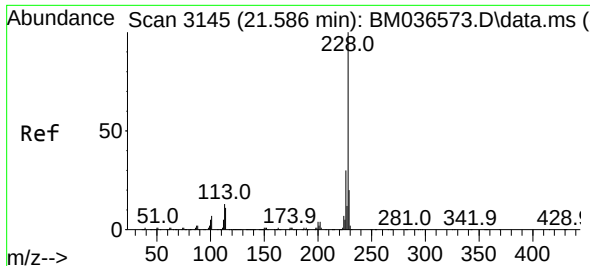
Ion Ratio Lower Upper

228 100

229 21.3 15.8 23.8

226 30.4 21.9 32.9

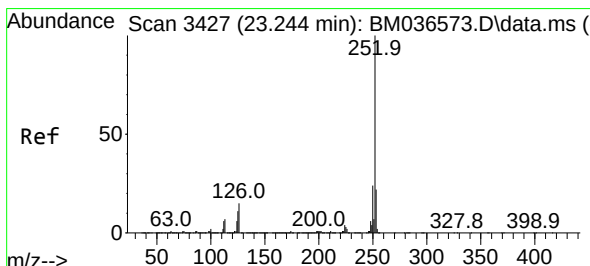
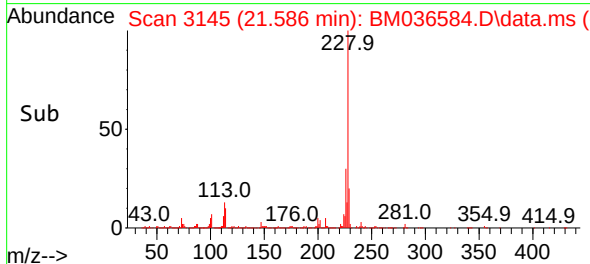
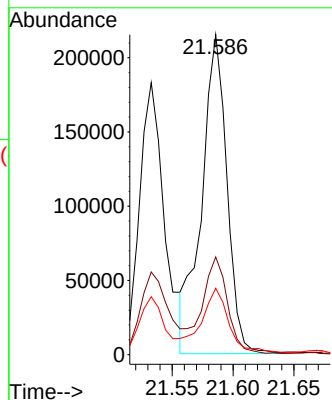
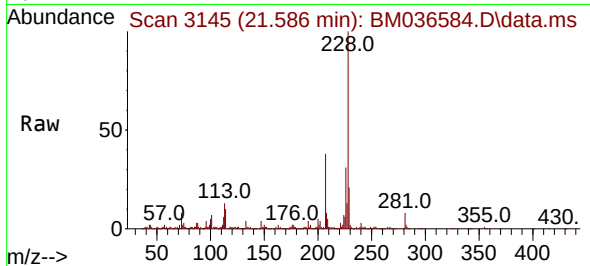




#87
Chrysene
Concen: 2.312 ng/ul
RT: 21.586 min Scan# 3145
Delta R.T. -0.006 min
Lab File: BM036584.D
Acq: 19 Sep 2022 17:34

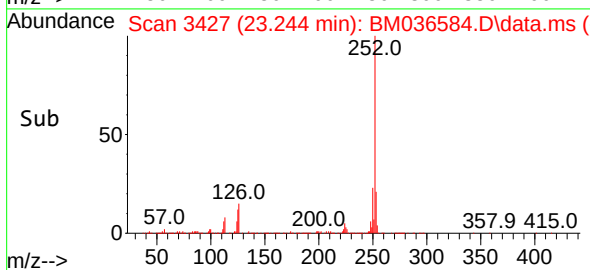
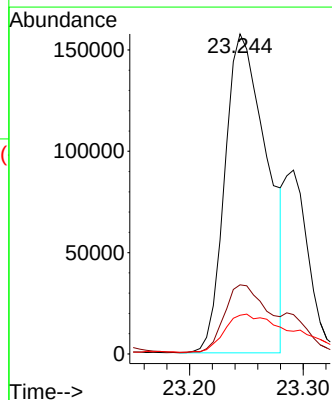
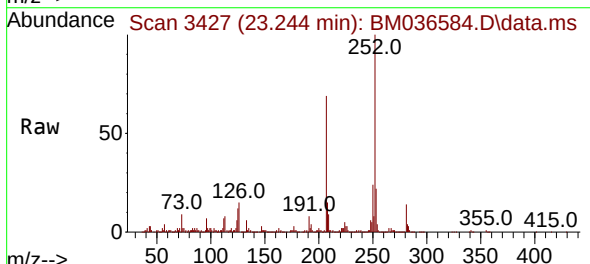
Instrument :
BNA_M
ClientSampleId :

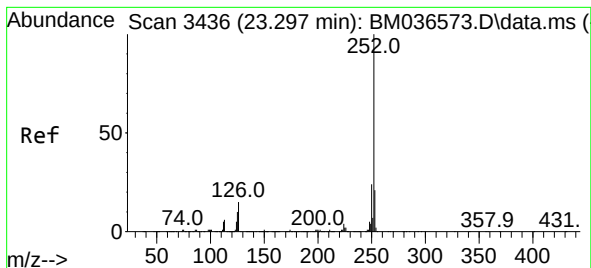
Tgt Ion:228 Resp: 310882
Ion Ratio Lower Upper
228 100
226 30.6 24.4 36.6
229 20.7 15.6 23.4



#90
Benzo(b)fluoranthene
Concen: 2.903 ng/ul
RT: 23.244 min Scan# 3427
Delta R.T. -0.006 min
Lab File: BM036584.D
Acq: 19 Sep 2022 17:34

Tgt Ion:252 Resp: 406273
Ion Ratio Lower Upper
252 100
253 21.6 17.6 26.4
125 12.1 9.1 13.7





#91

Benzo(k)fluoranthene

Concen: 2.905 ng/u1

RT: 23.244 min Scan# 34

Delta R.T. -0.059 min

Lab File: BM036584.D

Acq: 19 Sep 2022 17:34

Instrument :

BNA_M

ClientSampleId :

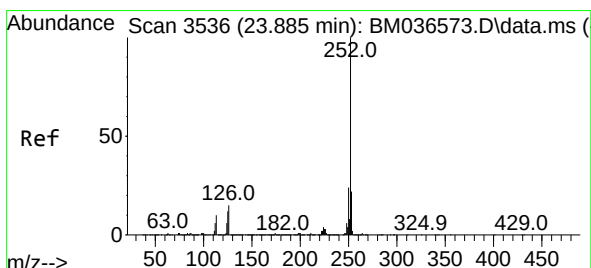
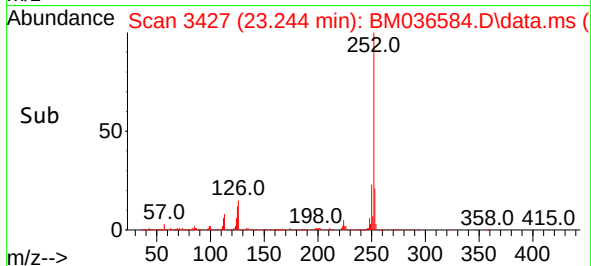
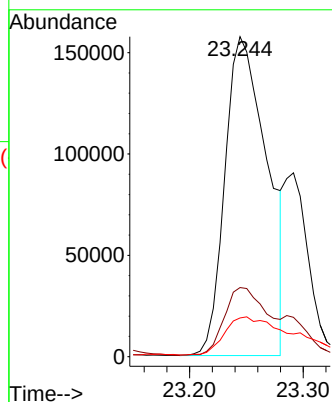
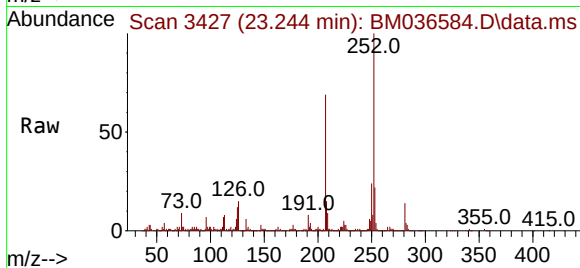
Tgt Ion:252 Resp: 406273

Ion Ratio Lower Upper

252 100

253 21.6 17.8 26.8

125 12.1 8.2 12.4



#93

Benzo(a)pyrene

Concen: 2.114 ng/u1

RT: 23.880 min Scan# 3535

Delta R.T. -0.012 min

Lab File: BM036584.D

Acq: 19 Sep 2022 17:34

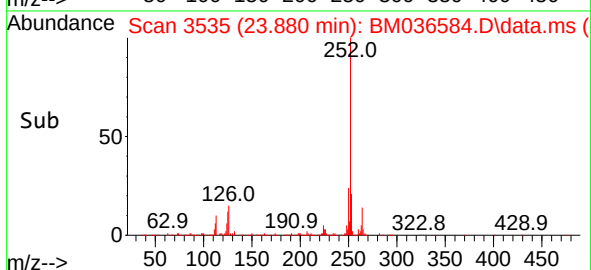
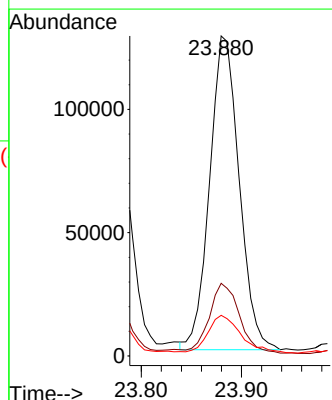
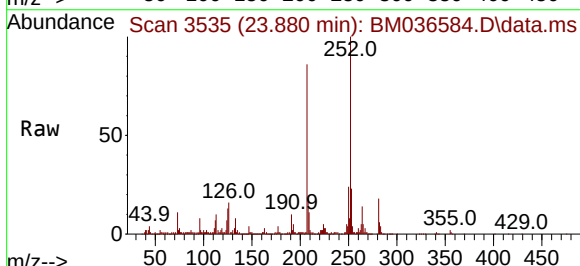
Tgt Ion:252 Resp: 260143

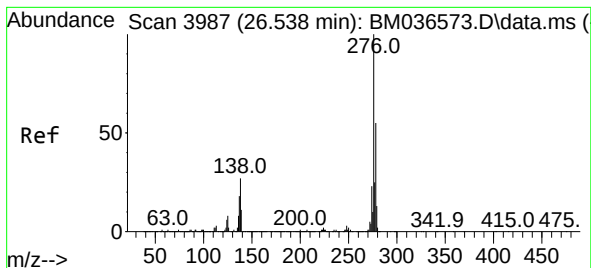
Ion Ratio Lower Upper

252 100

253 22.7 17.5 26.3

125 12.7 9.5 14.3





#94

Indeno(1,2,3-cd)pyrene

Concen: 1.167 ng/ul

RT: 26.532 min Scan# 3986

Delta R.T. -0.018 min

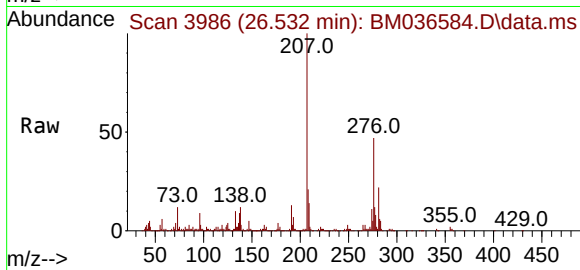
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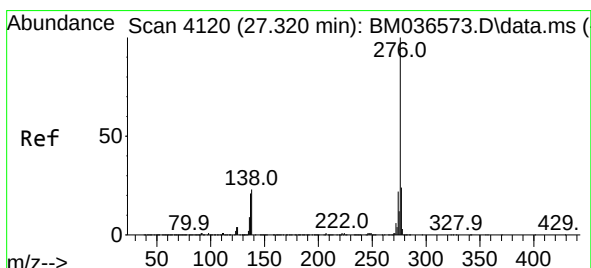
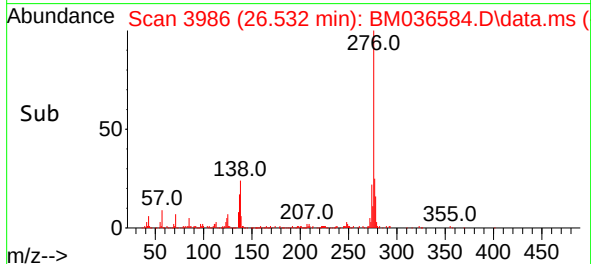
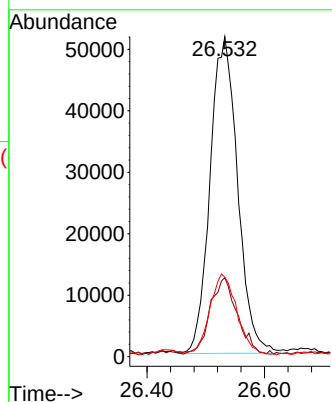
Tgt Ion:276 Resp: 167710

Ion Ratio Lower Upper

276 100

138 24.7 20.2 30.4

277 24.8 19.7 29.5



#96

Benzo(g,h,i)perylene

Concen: 1.153 ng/ul

RT: 27.309 min Scan# 4118

Delta R.T. -0.023 min

Lab File: BM036584.D

Acq: 19 Sep 2022 17:34

Tgt Ion:276 Resp: 143605

Ion Ratio Lower Upper

276 100

138 23.9 18.7 28.1

277 22.3 19.2 28.8

