

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM090822\
 Data File : BM036515.D
 Acq On : 07 Sep 2022 18:49
 Operator : CG/JU
 Sample : N4483-14
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EW363

Quant Time: Sep 08 00:53:13 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM081622.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Sep 02 01:33:23 2022
 Response via : Initial Calibration

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

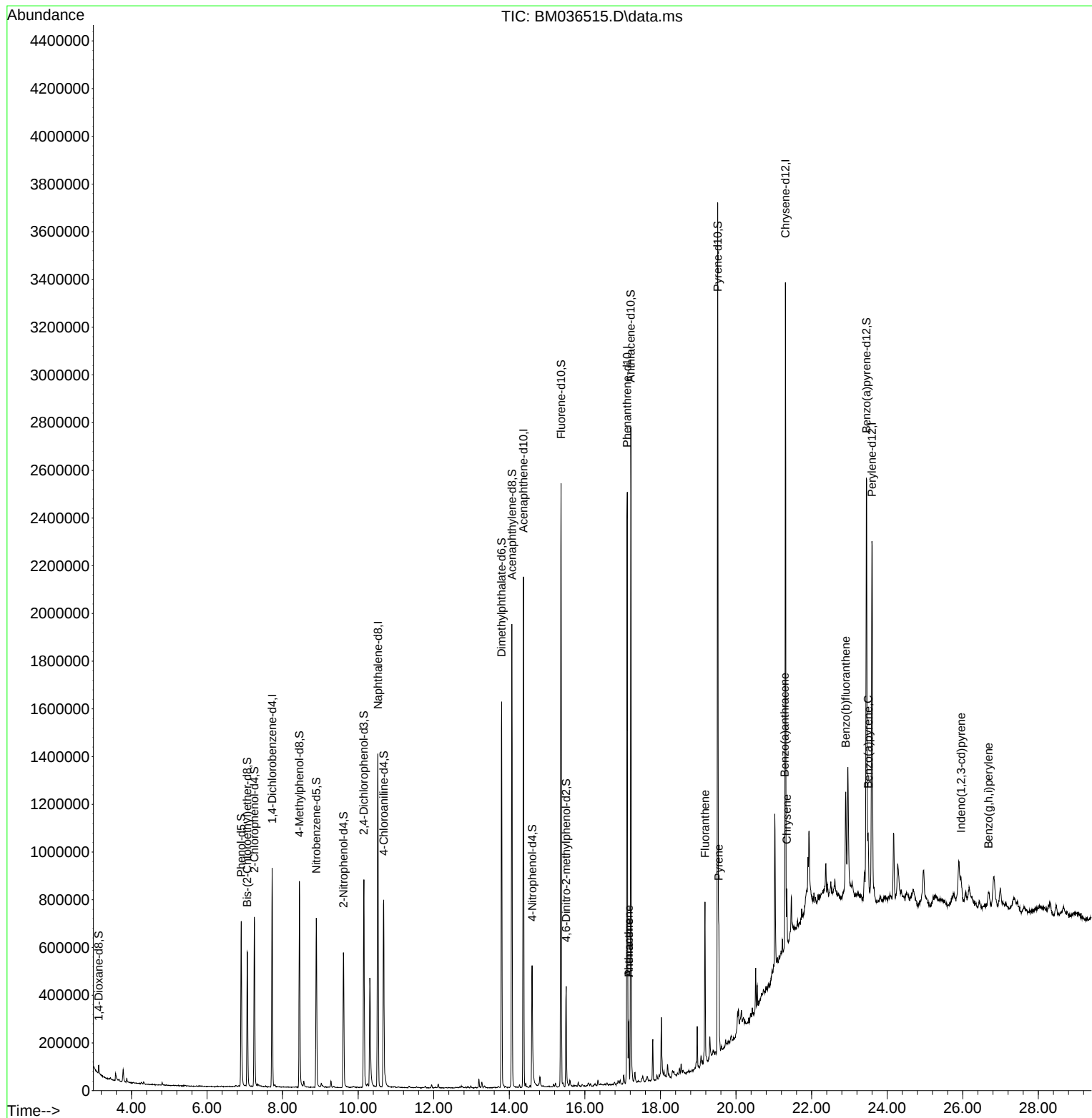
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.722	152	233910	20.000	ng/u1	0.00
20) Naphthalene-d8	10.522	136	1092999	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.374	164	683939	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.121	188	1394208	20.000	ng/u1	0.00
79) Chrysene-d12	21.309	240	1167489	20.000	ng/u1	0.00
88) Perylene-d12	23.597	264	996777	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.134	96	17740	2.890	ng/uL	0.00
4) Pyridine-d5	3.540	84	740	0.044	ng/u1	-0.02
7) Phenol-d5	6.904	99	378587	18.961	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.063	67	250110	19.901	ng/u1	0.00
11) 2-Chlorophenol-d4	7.251	132	323588	20.627	ng/u1	0.00
15) 4-Methylphenol-d8	8.445	113	314288	21.082	ng/u1	0.00
21) Nitrobenzene-d5	8.892	128	170331	20.554	ng/u1	0.00
24) 2-Nitrophenol-d4	9.610	143	175652	20.897	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.151	165	308628	20.548	ng/u1	0.00
31) 4-Chloroaniline-d4	10.675	131	437400	18.785	ng/u1	0.00
46) Dimethylphthalate-d6	13.798	166	1011365	23.374	ng/u1	0.00
49) Acenaphthylene-d8	14.069	160	1229014	22.773	ng/u1	0.00
54) 4-Nitrophenol-d4	14.604	143	142595	17.392	ng/u1	0.00
60) Fluorene-d10	15.368	176	912230	23.331	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.504	200	79712	11.121	ng/u1	0.00
73) Anthracene-d10	17.215	188	1408780	22.725	ng/u1	0.00
81) Pyrene-d10	19.515	212	1650580	27.254	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.450	264	1194658	24.445	ng/u1	0.00
Target Compounds						
					Qvalue	
72) Phenanthrene	17.162	178	138934	1.896	ng/u1	98
74) Anthracene	17.162	178	139080	1.893	ng/u1	98
80) Fluoranthene	19.180	202	359719	4.915	ng/u1	97
82) Pyrene	19.545	202	301775	3.951	ng/u1	96
85) Benzo(a)anthracene	21.292	228	109978	1.568	ng/u1	97
87) Chrysene	21.345	228	121541	1.763	ng/u1	96
90) Benzo(b)fluoranthene	22.903	252	151123	2.487	ng/u1#	94
93) Benzo(a)pyrene	23.497	252	103205	1.726	ng/u1	93
94) Indeno(1,2,3-cd)pyrene	25.956	276	70508	1.003	ng/u1	92
96) Benzo(g,h,i)perylene	26.685	276	67800	1.128	ng/u1	94

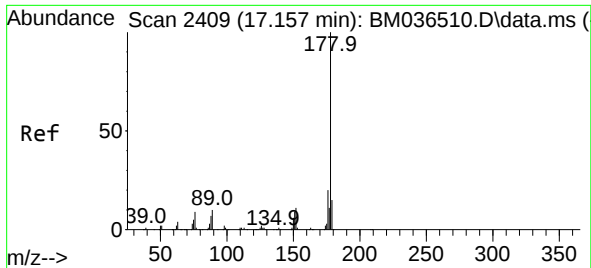
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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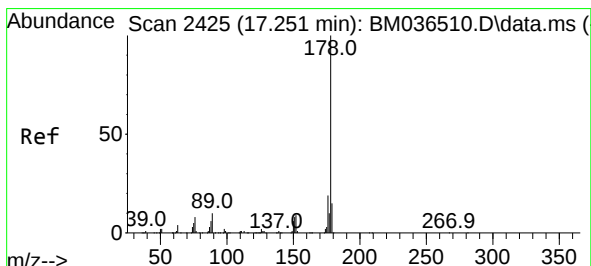
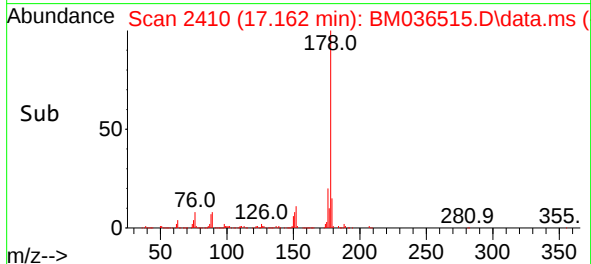
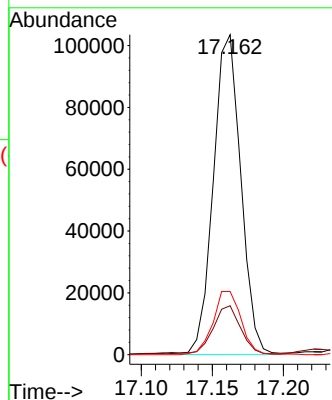
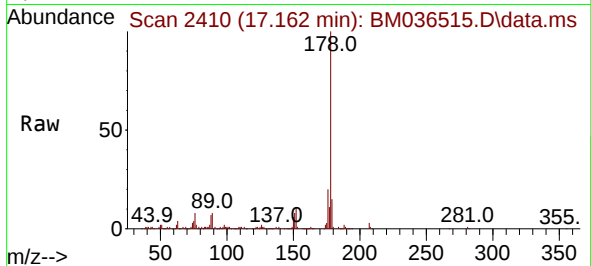




#72
Phenanthrene
Concen: 1.896 ng/ul
RT: 17.162 min Scan# 2410
Delta R.T. -0.000 min
Lab File: BM036515.D
Acq: 07 Sep 2022 18:49

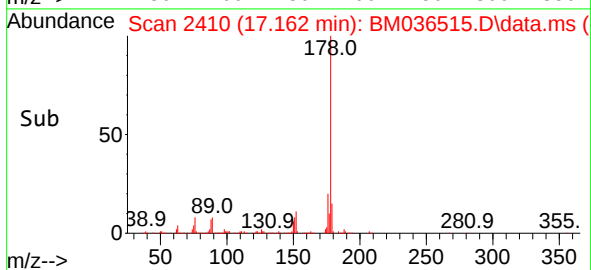
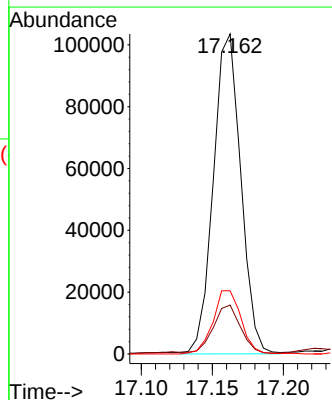
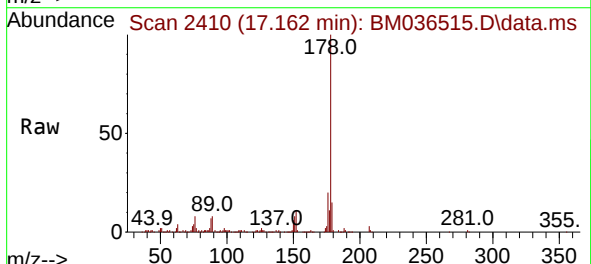
Instrument :
BNA_M
ClientSampleId :
EW363

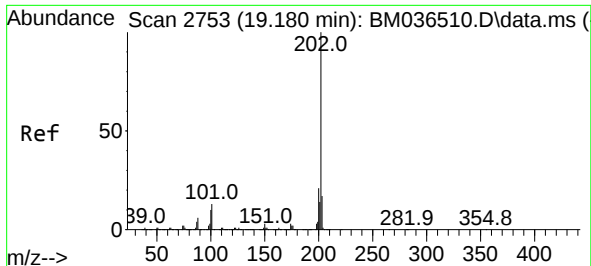
Tgt Ion:178 Resp: 138934
Ion Ratio Lower Upper
178 100
179 15.3 12.2 18.2
176 19.8 14.9 22.3



#74
Anthracene
Concen: 1.893 ng/ul
RT: 17.162 min Scan# 2410
Delta R.T. -0.094 min
Lab File: BM036515.D
Acq: 07 Sep 2022 18:49

Tgt Ion:178 Resp: 139080
Ion Ratio Lower Upper
178 100
179 15.3 12.2 18.2
176 19.8 14.4 21.6

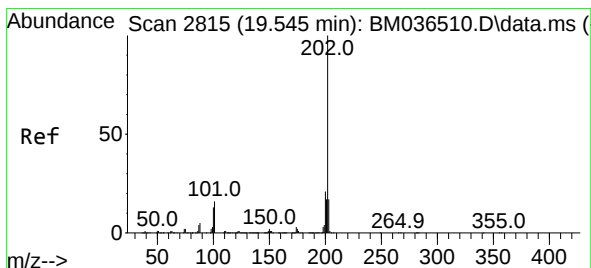
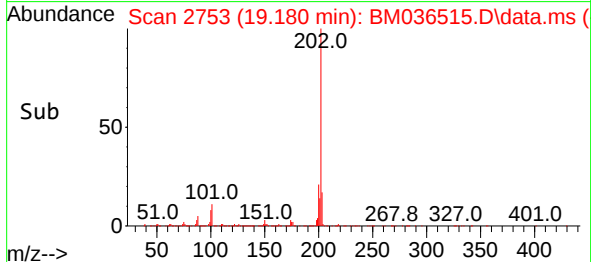
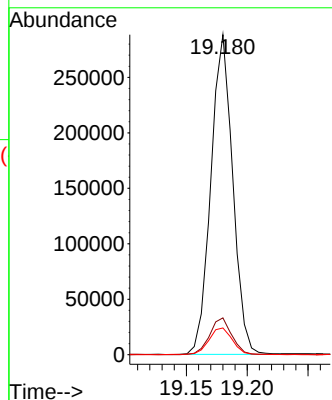
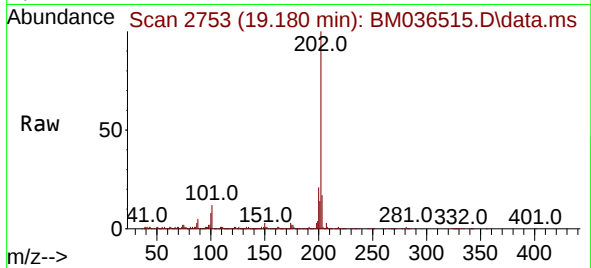




#80
Fluoranthene
Concen: 4.915 ng/ul
RT: 19.180 min Scan# 2753
Delta R.T. -0.006 min
Lab File: BM036515.D
Acq: 07 Sep 2022 18:49

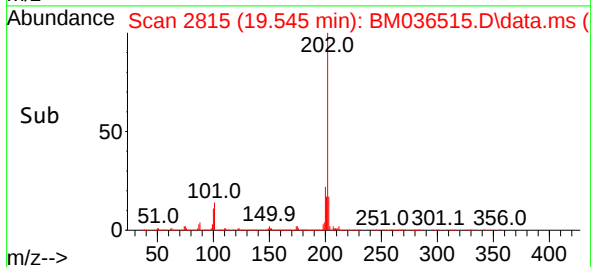
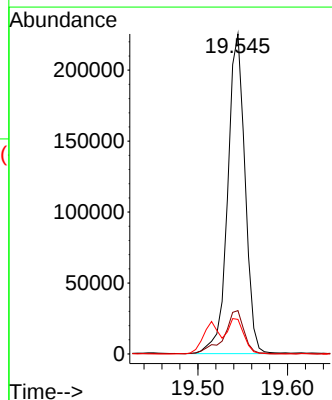
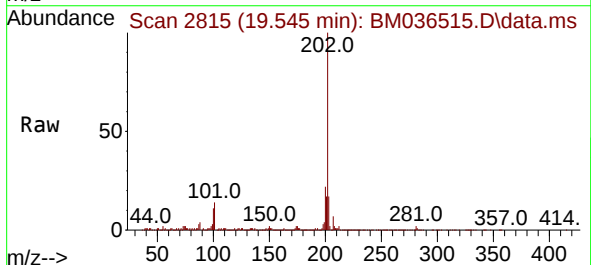
Instrument :
BNA_M
ClientSampleId :
EW363

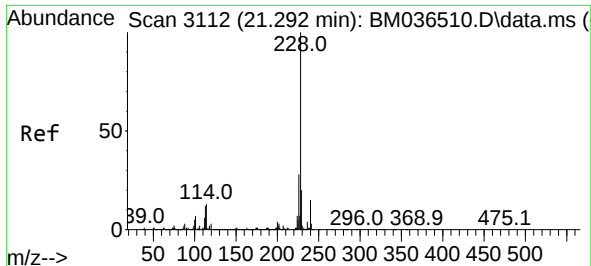
Tgt Ion:202 Resp: 359719
Ion Ratio Lower Upper
202 100
101 11.5 10.1 15.1
100 8.3 7.8 11.6



#82
Pyrene
Concen: 3.951 ng/ul
RT: 19.545 min Scan# 2815
Delta R.T. -0.000 min
Lab File: BM036515.D
Acq: 07 Sep 2022 18:49

Tgt Ion:202 Resp: 301775
Ion Ratio Lower Upper
202 100
101 13.5 11.9 17.9
100 10.8 10.2 15.4

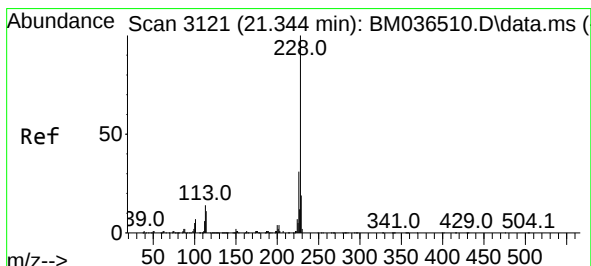
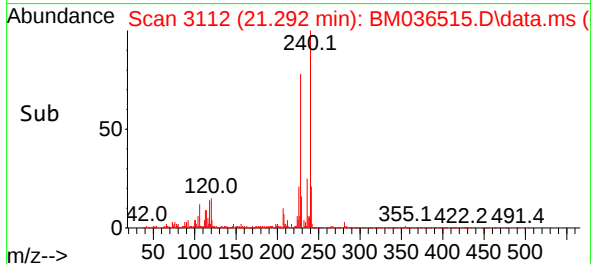
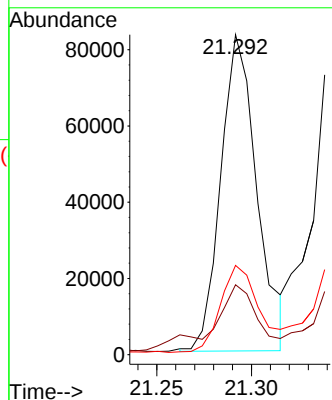
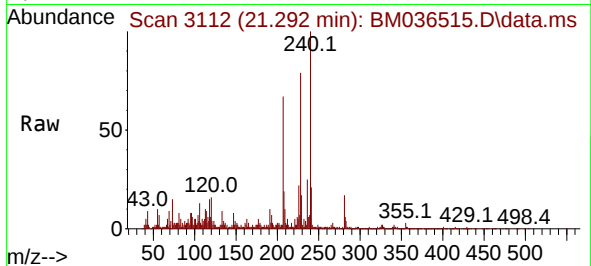




#85
Benzo(a)anthracene
Concen: 1.568 ng/ul
RT: 21.292 min Scan# 3112
Delta R.T. -0.006 min
Lab File: BM036515.D
Acq: 07 Sep 2022 18:49

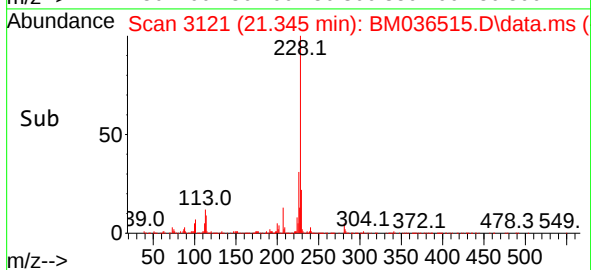
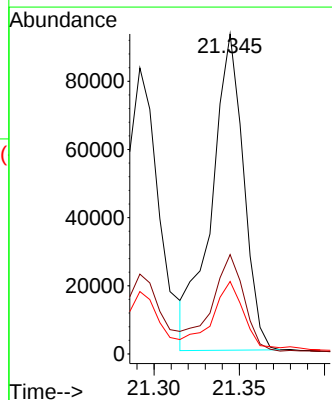
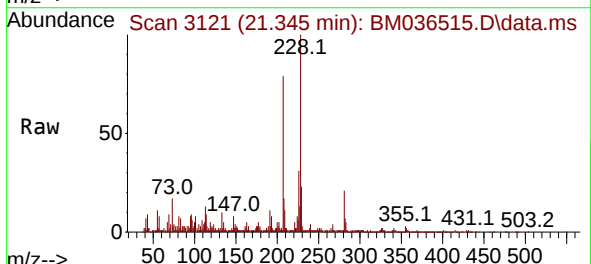
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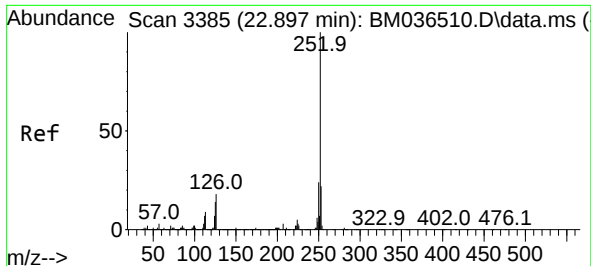
Tgt Ion:228 Resp: 109978
Ion Ratio Lower Upper
228 100
229 21.8 15.6 23.4
226 27.9 21.7 32.5



#87
Chrysene
Concen: 1.763 ng/ul
RT: 21.345 min Scan# 3121
Delta R.T. -0.000 min
Lab File: BM036515.D
Acq: 07 Sep 2022 18:49

Tgt Ion:228 Resp: 121541
Ion Ratio Lower Upper
228 100
226 31.1 23.7 35.5
229 22.7 15.5 23.3

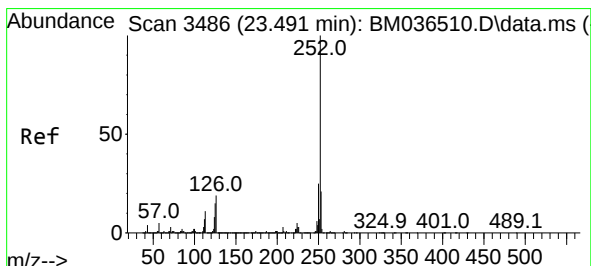
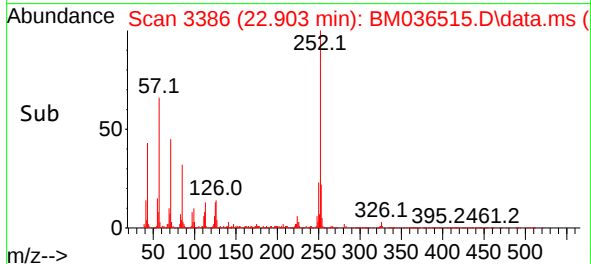
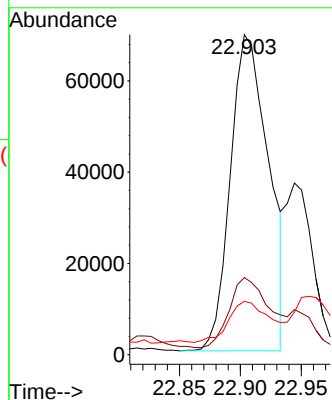
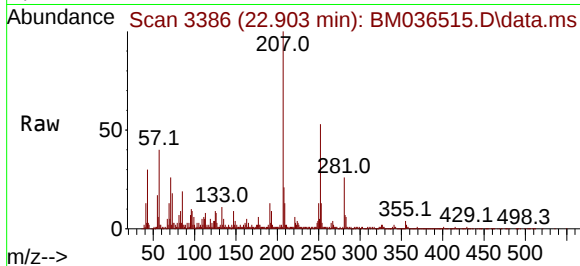




#90
Benzo(b)fluoranthene
Concen: 2.487 ng/ul
RT: 22.903 min Scan# 31
Delta R.T. -0.006 min
Lab File: BM036515.D
Acq: 07 Sep 2022 18:49

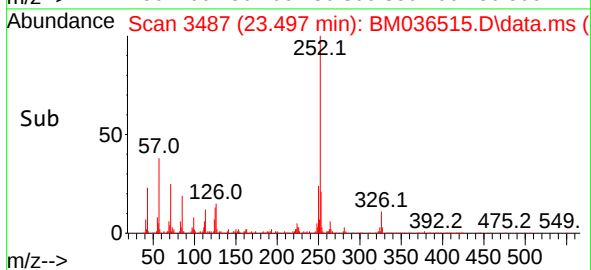
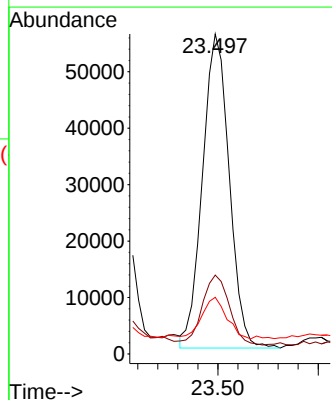
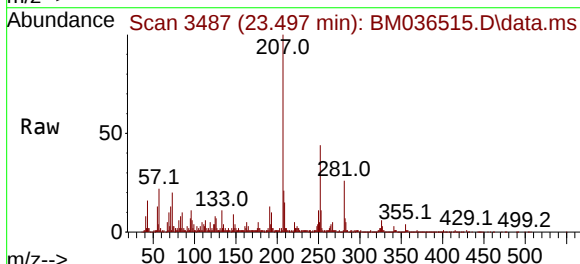
Instrument :
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ClientSampleId :
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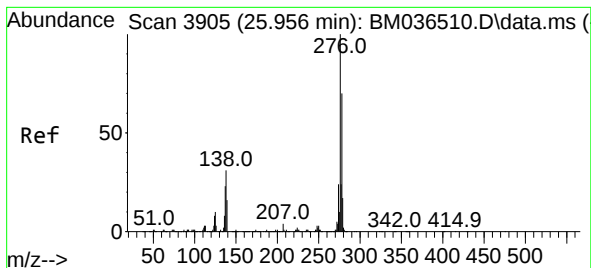
Tgt Ion:252 Resp: 151123
Ion Ratio Lower Upper
252 100
253 24.1 17.5 26.3
125 16.6 10.7 16.1#



#93
Benzo(a)pyrene
Concen: 1.726 ng/ul
RT: 23.497 min Scan# 3487
Delta R.T. -0.006 min
Lab File: BM036515.D
Acq: 07 Sep 2022 18:49

Tgt Ion:252 Resp: 103205
Ion Ratio Lower Upper
252 100
253 24.6 17.3 25.9
125 17.7 11.8 17.8





#94

Indeno(1,2,3-cd)pyrene

Concen: 1.003 ng/ul

RT: 25.956 min Scan# 3905

Delta R.T. -0.012 min

Lab File: BM036515.D

Acq: 07 Sep 2022 18:49

Instrument :

BNA_M

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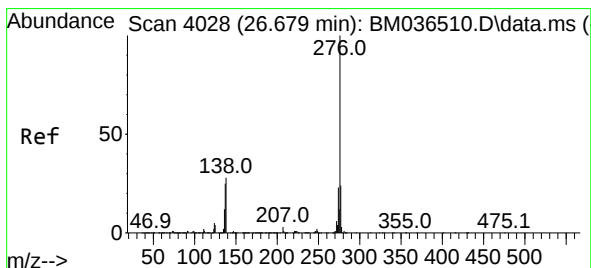
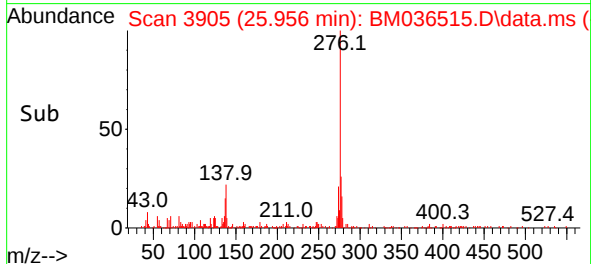
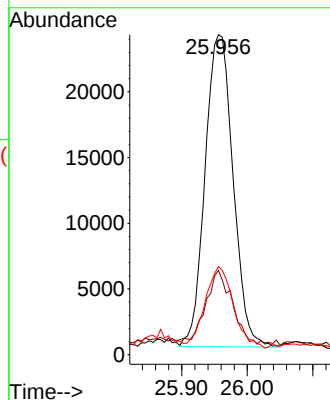
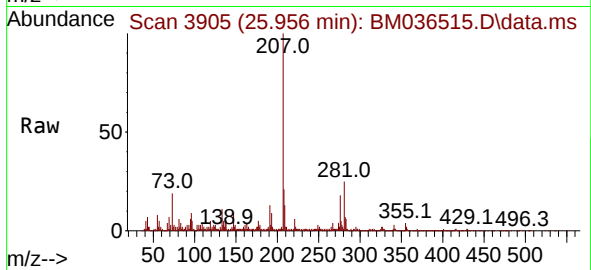
Tgt Ion:276 Resp: 70508

Ion Ratio Lower Upper

276 100

138 26.3 25.6 38.4

277 27.5 20.1 30.1



#96

Benzo(g,h,i)perylene

Concen: 1.128 ng/ul

RT: 26.685 min Scan# 4029

Delta R.T. -0.012 min

Lab File: BM036515.D

Acq: 07 Sep 2022 18:49

Tgt Ion:276 Resp: 67800

Ion Ratio Lower Upper

276 100

138 24.6 21.3 31.9

277 27.2 18.6 28.0

