

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM090822\
 Data File : BM036513.D
 Acq On : 07 Sep 2022 17:37
 Operator : CG/JU
 Sample : N4483-09
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EW357

Quant Time: Sep 08 00:52:16 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)

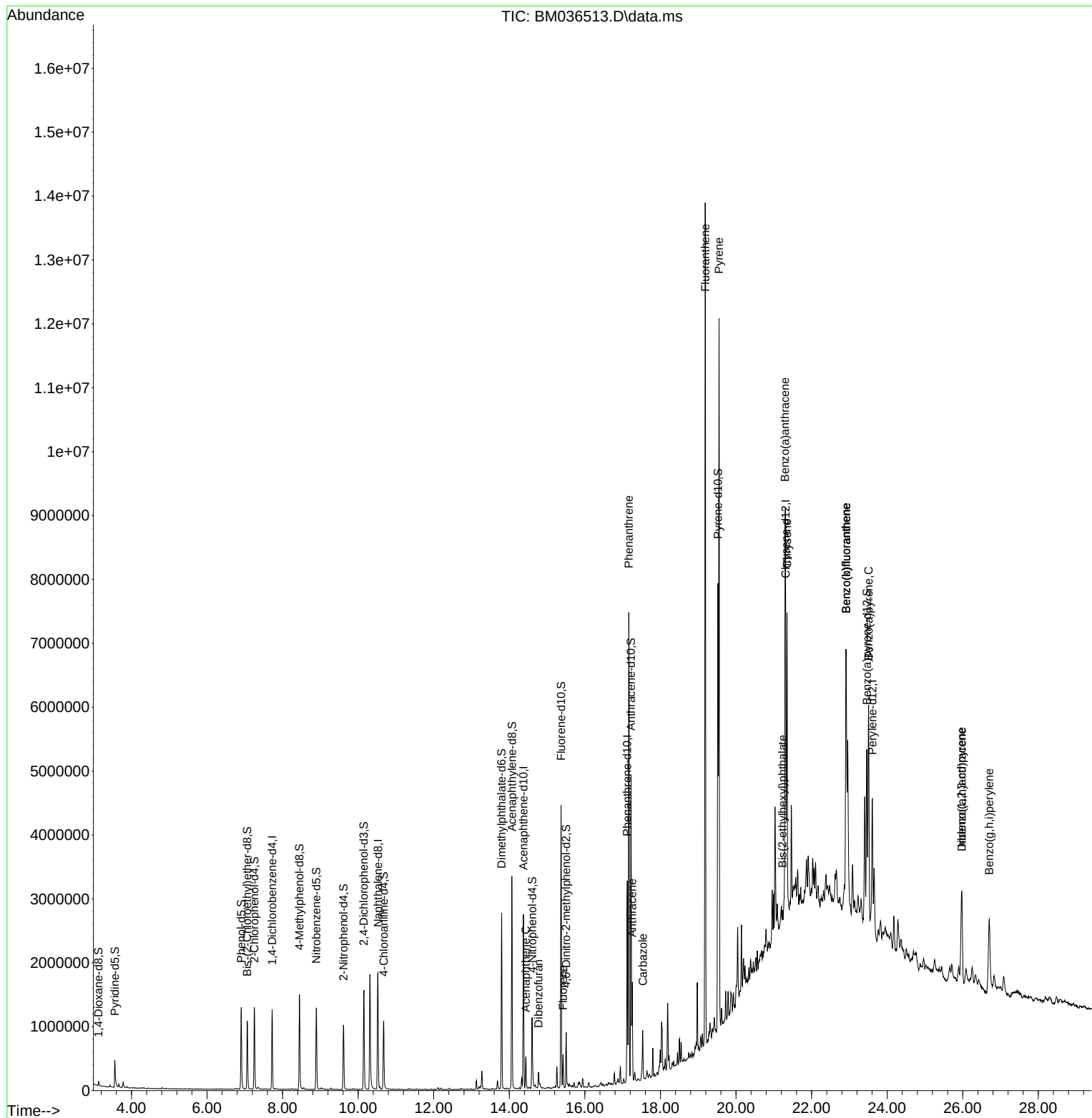
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.722	152	312340	20.000	ng/u1	0.00
20) Naphthalene-d8	10.522	136	1434394	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.374	164	875203	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.121	188	1741691	20.000	ng/u1	0.00
79) Chrysene-d12	21.315	240	1359919	20.000	ng/u1	0.00
88) Perylene-d12	23.609	264	1146076	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.128	96	31826	3.883	ng/uL	0.00
4) Pyridine-d5	3.557	84	243039	10.754	ng/u1	0.00
7) Phenol-d5	6.904	99	701655	26.318	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.063	67	462295	27.547	ng/u1	0.00
11) 2-Chlorophenol-d4	7.251	132	567023	27.069	ng/u1	0.00
15) 4-Methylphenol-d8	8.445	113	539077	27.080	ng/u1	0.00
21) Nitrobenzene-d5	8.892	128	291315	26.787	ng/u1	0.00
24) 2-Nitrophenol-d4	9.610	143	307360	27.862	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.151	165	544298	27.614	ng/u1	0.00
31) 4-Chloroaniline-d4	10.675	131	588955	19.274	ng/u1	0.00
46) Dimethylphthalate-d6	13.798	166	1661352	30.005	ng/u1	0.00
49) Acenaphthylene-d8	14.068	160	1985829	28.756	ng/u1	0.00
54) 4-Nitrophenol-d4	14.604	143	270905	25.822	ng/u1	0.00
60) Fluorene-d10	15.368	176	1546967	30.919	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.504	200	148592	16.595	ng/u1	0.00
73) Anthracene-d10	17.221	188	2395550	30.933	ng/u1	0.00
81) Pyrene-d10	19.521	212	2604803	36.924	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.462	264	1813363	32.271	ng/u1	0.00
Target Compounds						Qvalue
52) Acenaphthene	14.439	153	188725	3.555	ng/u1	99
56) Dibenzofuran	14.774	168	132830	1.803	ng/u1	97
61) Fluorene	15.421	166	201715	3.453	ng/u1	98
72) Phenanthrene	17.162	178	3983200	43.503	ng/u1	98
74) Anthracene	17.251	178	881463	9.603	ng/u1	97
77) Carbazole	17.533	167	451002	5.247	ng/u1	98
80) Fluoranthene	19.186	202	7173292	84.138	ng/u1	98
82) Pyrene	19.550	202	6048798	67.988	ng/u1	97
85) Benzo(a)anthracene	21.297	228	2627576	32.152	ng/u1	98
86) Bis(2-ethylhexyl)phtha...	21.233	149	64285	1.399	ng/u1#	96
87) Chrysene	21.350	228	2207510	27.491	ng/u1	97
90) Benzo(b)fluoranthene	22.915	252	2982073	42.677	ng/u1	98
91) Benzo(k)fluoranthene	22.915	252	2982073	44.858	ng/u1	98
93) Benzo(a)pyrene	23.509	252	2049164	29.810	ng/u1	98
94) Indeno(1,2,3-cd)pyrene	25.974	276	1327126	16.420	ng/u1	94
95) Dibenzo(a,h)anthracene	25.979	278	307534	4.417	ng/u1#	91
96) Benzo(g,h,i)perylene	26.703	276	1281026	18.535	ng/u1	98

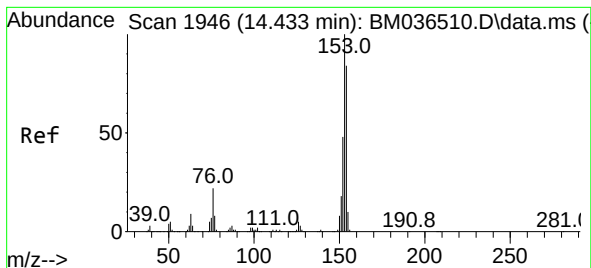
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#52

Acenaphthene

Concen: 3.555 ng/ul

RT: 14.439 min Scan# 1946

Delta R.T. -0.000 min

Lab File: BM036513.D

Acq: 07 Sep 2022 17:37

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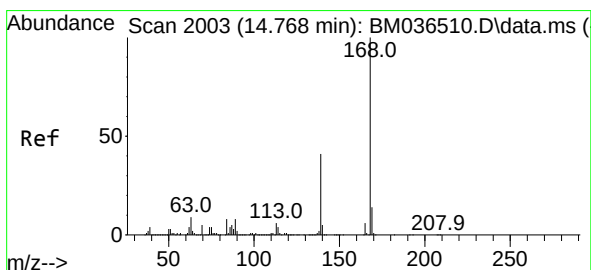
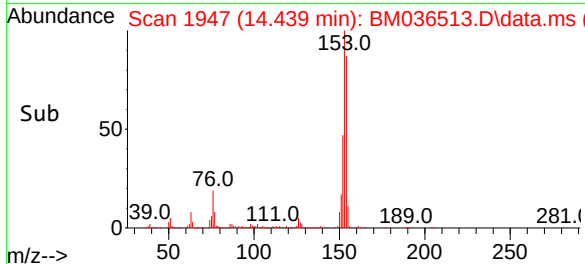
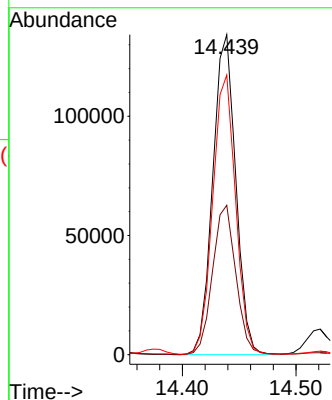
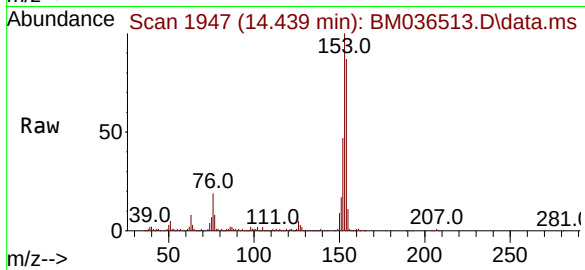
Tgt Ion:153 Resp: 188725

Ion Ratio Lower Upper

153 100

152 46.7 37.1 55.7

154 87.4 71.3 106.9



#56

Dibenzofuran

Concen: 1.803 ng/ul

RT: 14.774 min Scan# 2004

Delta R.T. -0.000 min

Lab File: BM036513.D

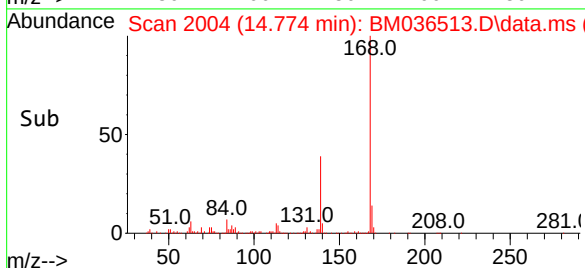
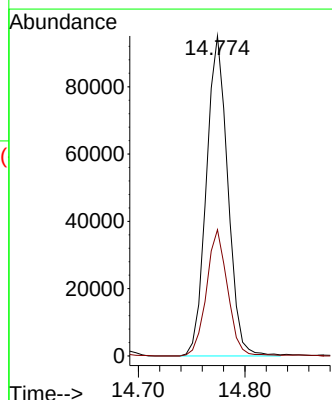
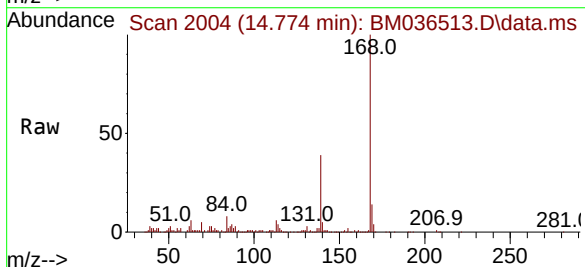
Acq: 07 Sep 2022 17:37

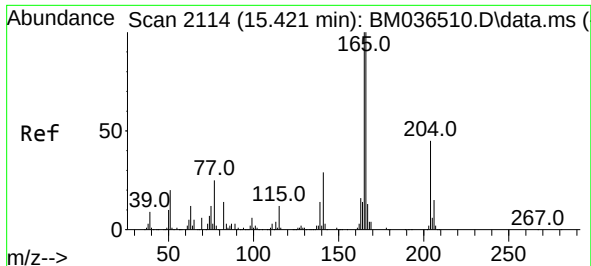
Tgt Ion:168 Resp: 132830

Ion Ratio Lower Upper

168 100

139 39.4 30.1 45.1

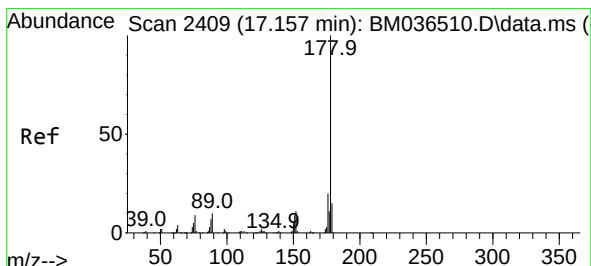
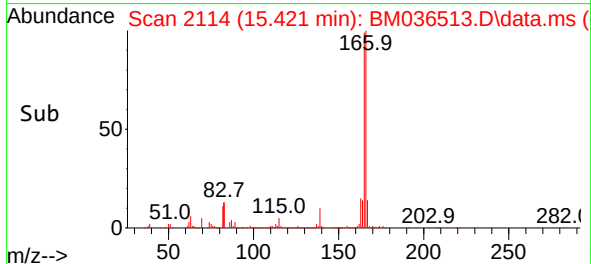
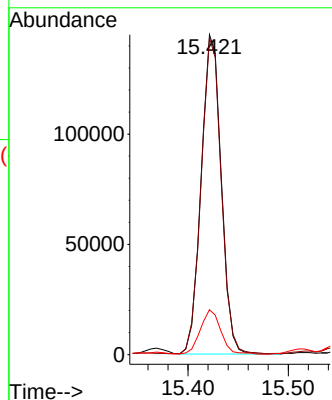
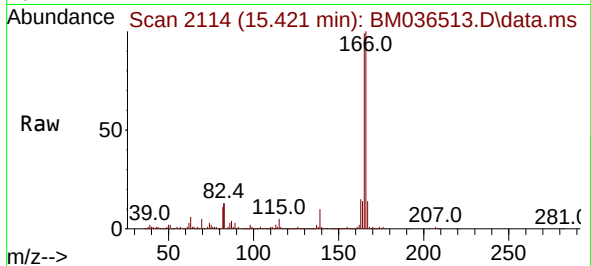




#61
Fluorene
Concen: 3.453 ng/ul
RT: 15.421 min Scan# 2114
Delta R.T. -0.006 min
Lab File: BM036513.D
Acq: 07 Sep 2022 17:37

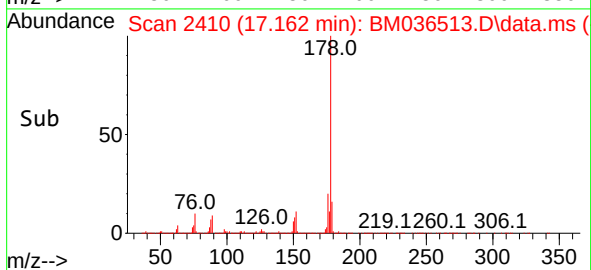
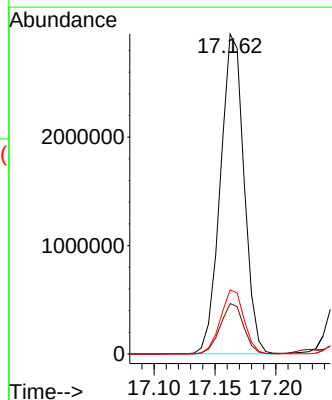
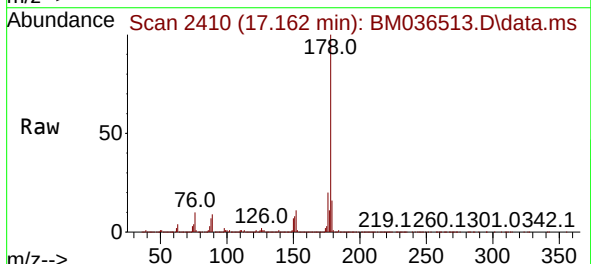
Instrument :
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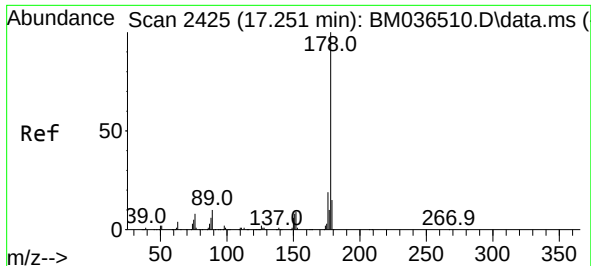
Tgt Ion:166 Resp: 201715
Ion Ratio Lower Upper
166 100
165 99.0 77.2 115.8
167 14.1 11.0 16.4



#72
Phenanthrene
Concen: 43.503 ng/ul
RT: 17.162 min Scan# 2410
Delta R.T. -0.000 min
Lab File: BM036513.D
Acq: 07 Sep 2022 17:37

Tgt Ion:178 Resp: 3983200
Ion Ratio Lower Upper
178 100
179 15.8 12.2 18.2
176 20.1 14.9 22.3

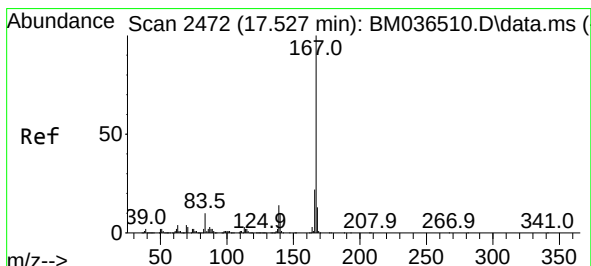
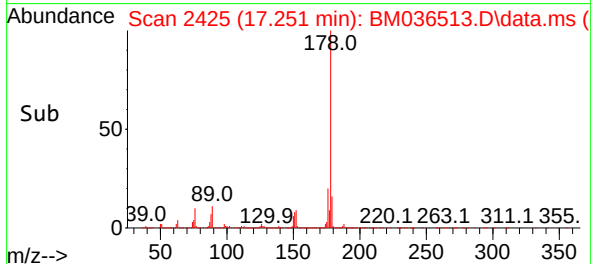
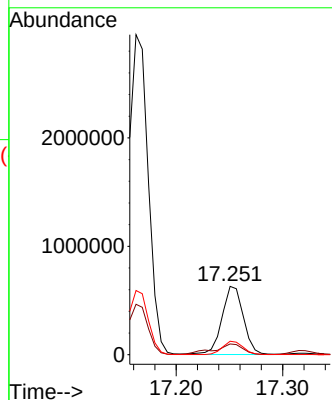
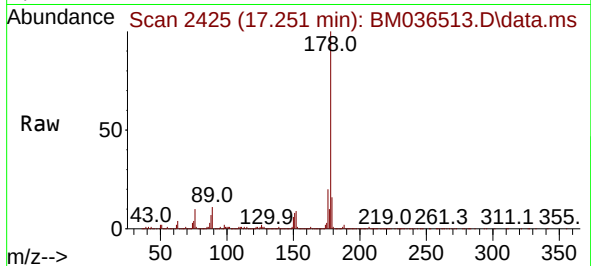




#74
 Anthracene
 Concen: 9.603 ng/ul
 RT: 17.251 min Scan# 2425
 Delta R.T. -0.006 min
 Lab File: BM036513.D
 Acq: 07 Sep 2022 17:37

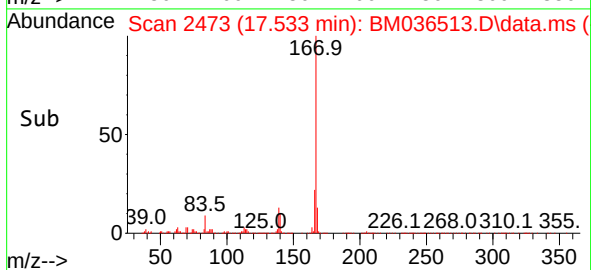
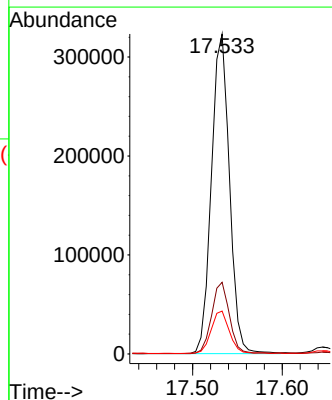
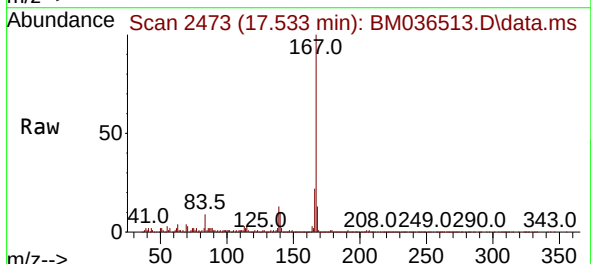
Instrument :
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 ClientSampleId :
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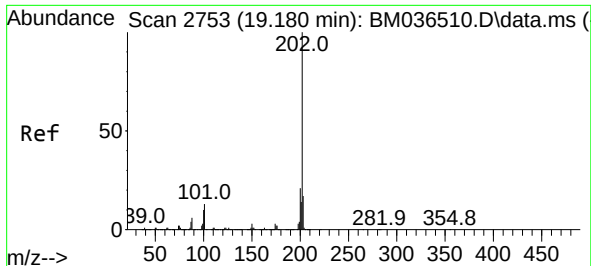
Tgt Ion:178 Resp: 881463
 Ion Ratio Lower Upper
 178 100
 179 15.8 12.2 18.2
 176 19.6 14.4 21.6



#77
 Carbazole
 Concen: 5.247 ng/ul
 RT: 17.533 min Scan# 2473
 Delta R.T. -0.000 min
 Lab File: BM036513.D
 Acq: 07 Sep 2022 17:37

Tgt Ion:167 Resp: 451002
 Ion Ratio Lower Upper
 167 100
 166 22.4 17.4 26.0
 139 13.4 10.1 15.1

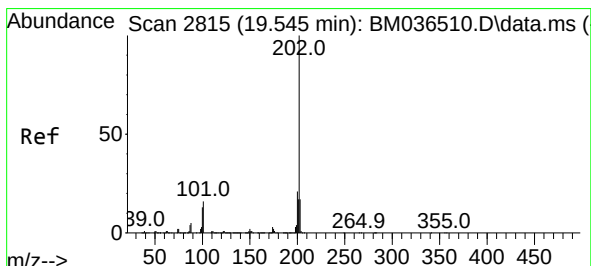
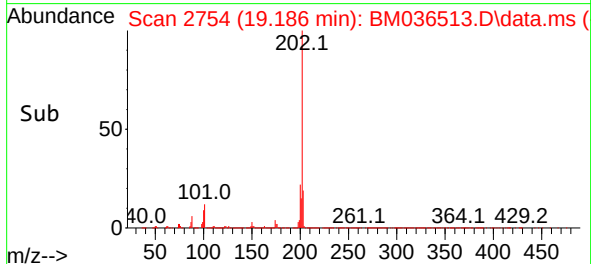
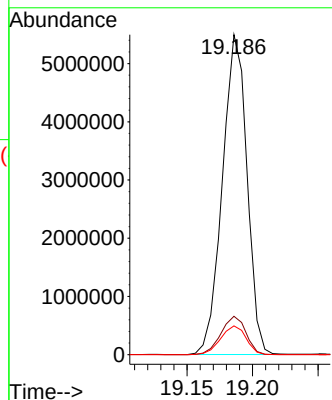
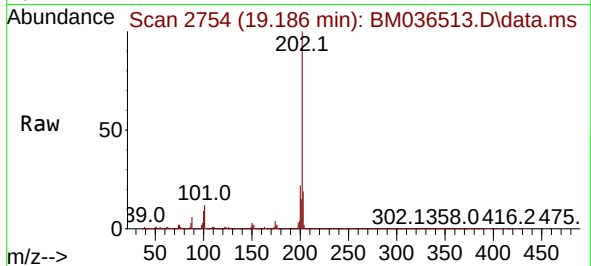




#80
Fluoranthene
Concen: 84.138 ng/ul
RT: 19.186 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM036513.D
Acq: 07 Sep 2022 17:37

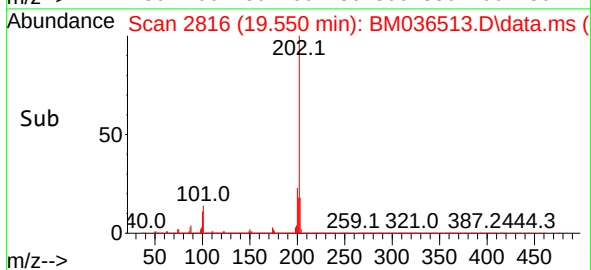
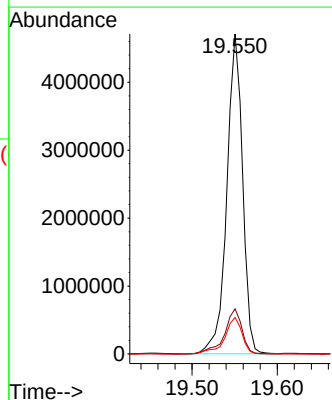
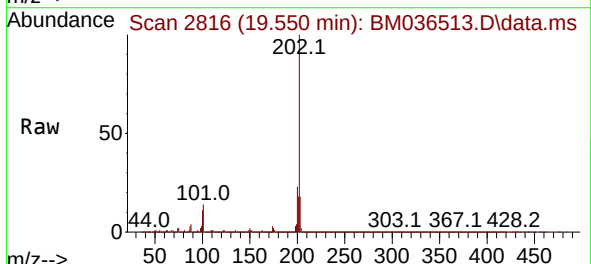
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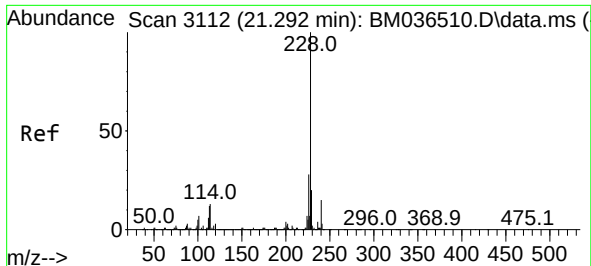
Tgt Ion:202 Resp: 7173292
Ion Ratio Lower Upper
202 100
101 12.0 10.1 15.1
100 9.0 7.8 11.6



#82
Pyrene
Concen: 67.988 ng/ul
RT: 19.550 min Scan# 2816
Delta R.T. 0.006 min
Lab File: BM036513.D
Acq: 07 Sep 2022 17:37

Tgt Ion:202 Resp: 6048798
Ion Ratio Lower Upper
202 100
101 14.1 11.9 17.9
100 11.4 10.2 15.4

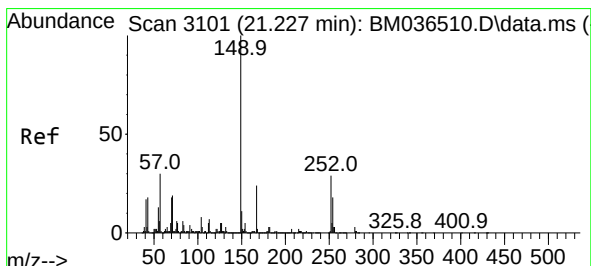
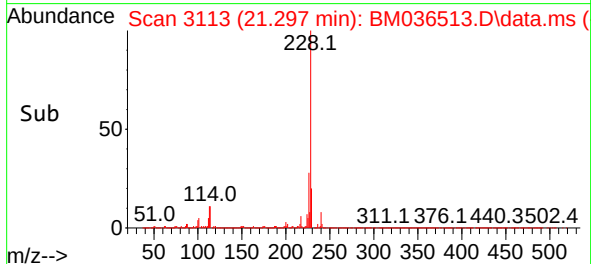
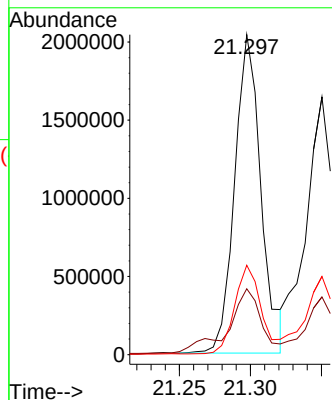
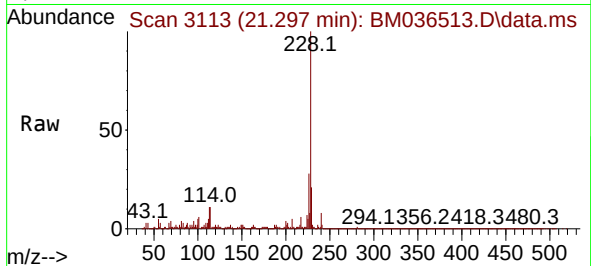




#85
Benzo(a)anthracene
Concen: 32.152 ng/ul
RT: 21.297 min Scan# 3112
Delta R.T. -0.000 min
Lab File: BM036513.D
Acq: 07 Sep 2022 17:37

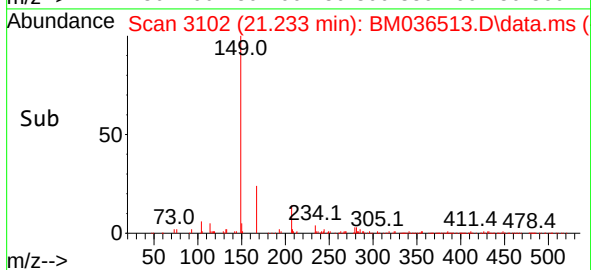
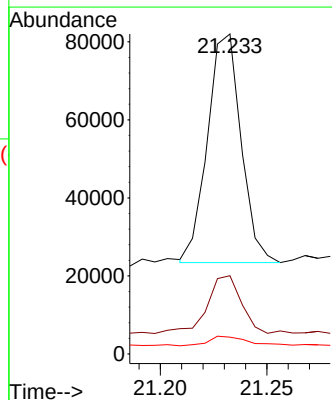
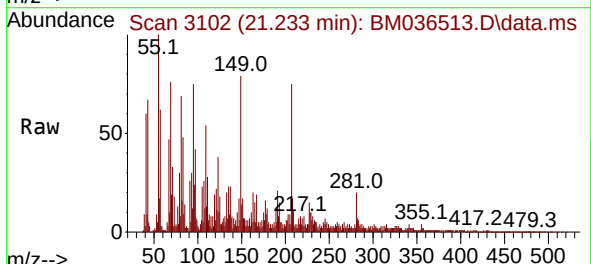
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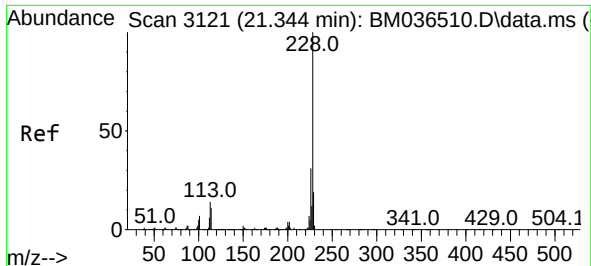
Tgt Ion:228 Resp: 2627576
Ion Ratio Lower Upper
228 100
229 20.6 15.6 23.4
226 27.9 21.7 32.5



#86
Bis(2-ethylhexyl)phthalate
Concen: 1.399 ng/ul
RT: 21.233 min Scan# 3102
Delta R.T. -0.000 min
Lab File: BM036513.D
Acq: 07 Sep 2022 17:37

Tgt Ion:149 Resp: 64285
Ion Ratio Lower Upper
149 100
167 24.4 21.5 32.3
279 5.2 3.4 5.2#

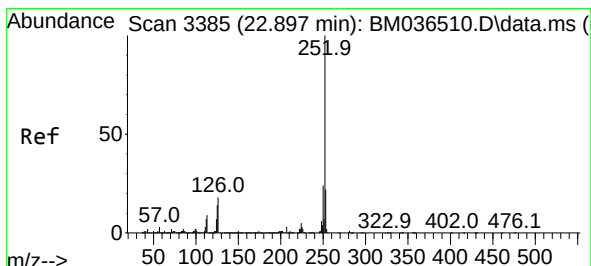
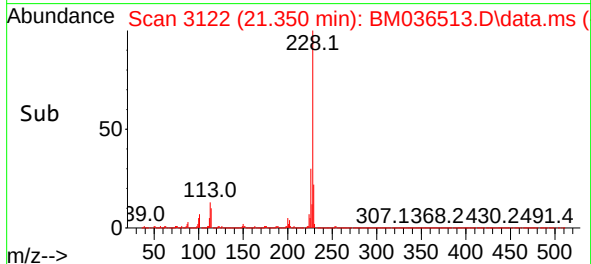
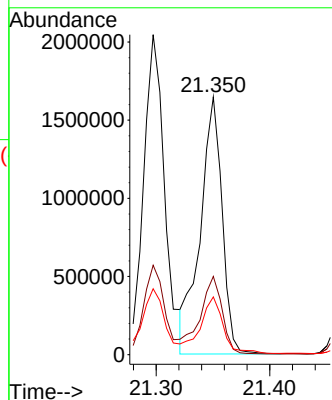
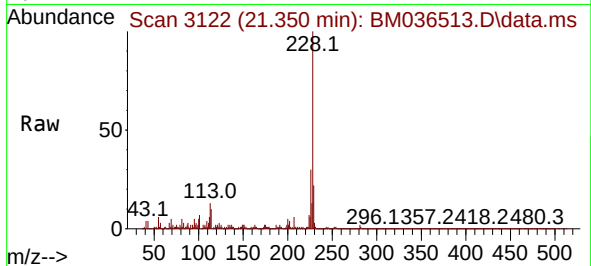




#87
Chrysene
Concen: 27.491 ng/ul
RT: 21.350 min Scan# 3121
Delta R.T. 0.006 min
Lab File: BM036513.D
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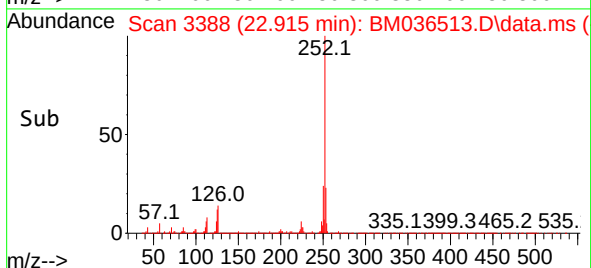
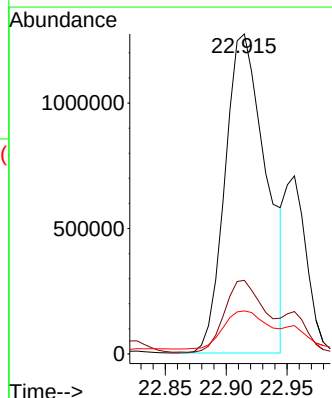
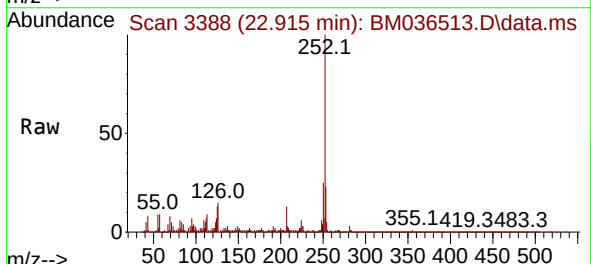
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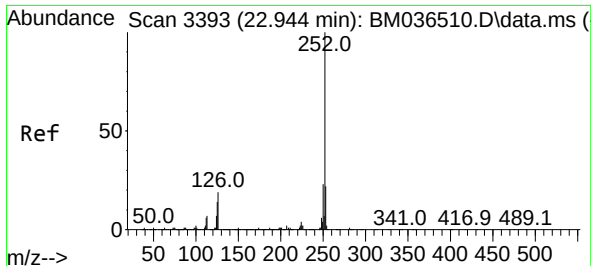
Tgt Ion:228 Resp: 2207510
Ion Ratio Lower Upper
228 100
226 30.3 23.7 35.5
229 22.4 15.5 23.3



#90
Benzo(b)fluoranthene
Concen: 42.677 ng/ul
RT: 22.915 min Scan# 3388
Delta R.T. 0.006 min
Lab File: BM036513.D
Acq: 07 Sep 2022 17:37

Tgt Ion:252 Resp: 2982073
Ion Ratio Lower Upper
252 100
253 23.0 17.5 26.3
125 13.5 10.7 16.1

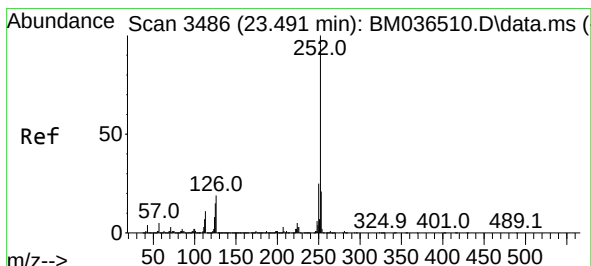
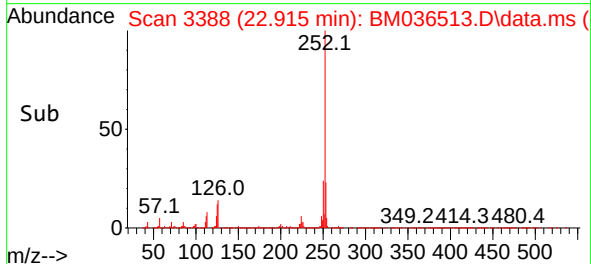
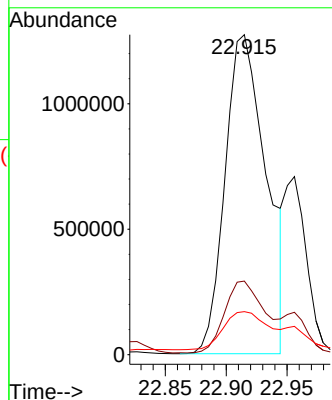
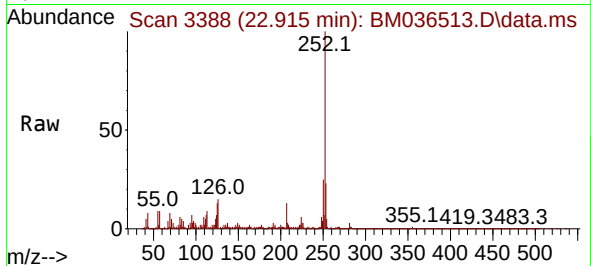




#91
Benzo(k)fluoranthene
Concen: 44.858 ng/uI
RT: 22.915 min Scan# 31
Delta R.T. -0.041 min
Lab File: BM036513.D
Acq: 07 Sep 2022 17:37

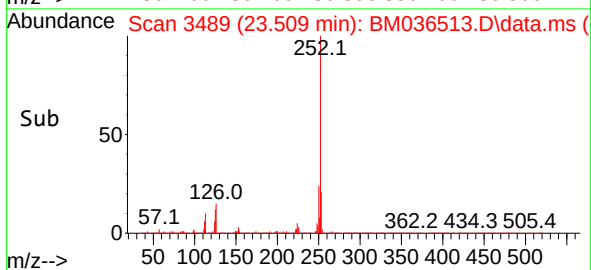
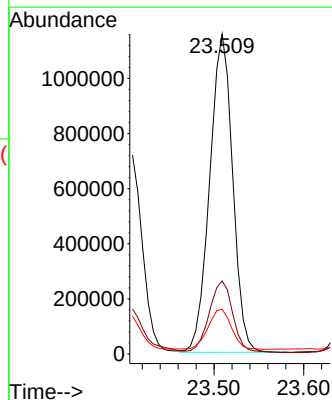
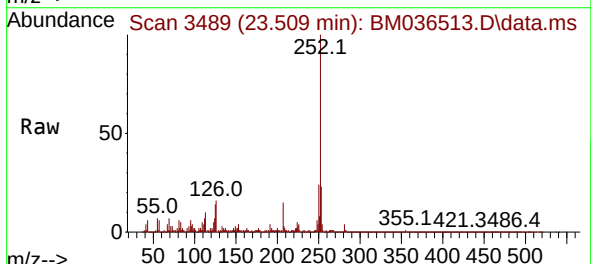
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EW357

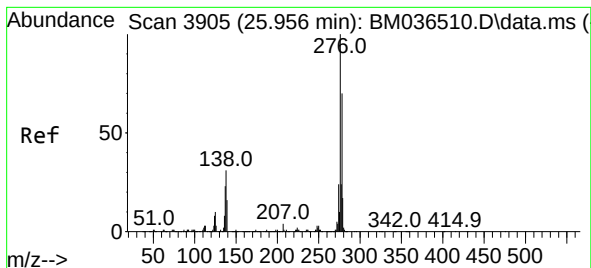
Tgt Ion:252 Resp: 2982073
Ion Ratio Lower Upper
252 100
253 23.0 17.4 26.0
125 13.5 10.6 15.8



#93
Benzo(a)pyrene
Concen: 29.810 ng/uI
RT: 23.509 min Scan# 3489
Delta R.T. 0.006 min
Lab File: BM036513.D
Acq: 07 Sep 2022 17:37

Tgt Ion:252 Resp: 2049164
Ion Ratio Lower Upper
252 100
253 22.8 17.3 25.9
125 13.9 11.8 17.8





#94

Indeno(1,2,3-cd)pyrene

Concen: 16.420 ng/ul

RT: 25.974 min Scan# 3908

Delta R.T. 0.006 min

Lab File: BM036513.D

Acq: 07 Sep 2022 17:37

Instrument :

BNA_M

ClientSampleId :

EW357

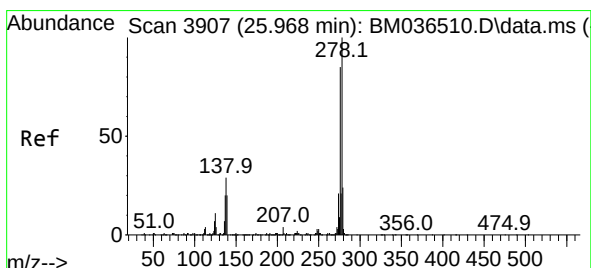
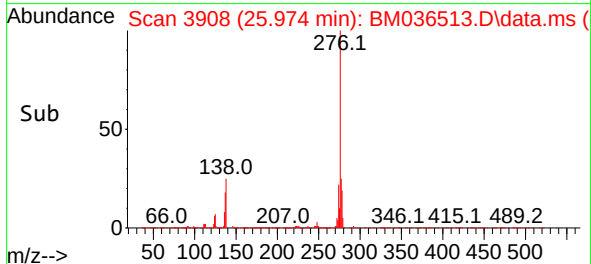
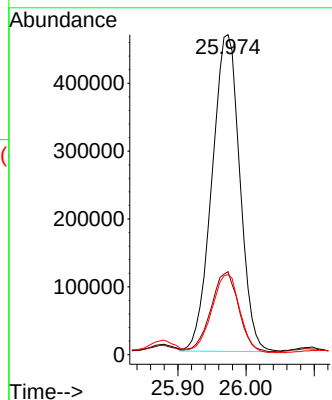
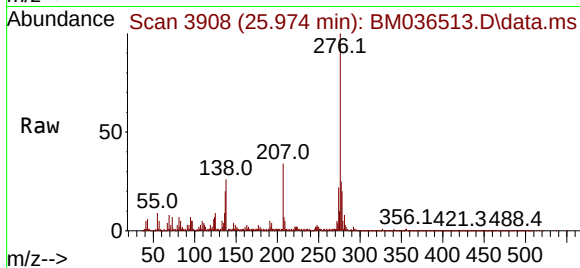
Tgt Ion:276 Resp: 1327126

Ion Ratio Lower Upper

276 100

138 25.9 25.6 38.4

277 25.0 20.1 30.1



#95

Dibenzo(a,h)anthracene

Concen: 4.417 ng/ul

RT: 25.979 min Scan# 3909

Delta R.T. -0.006 min

Lab File: BM036513.D

Acq: 07 Sep 2022 17:37

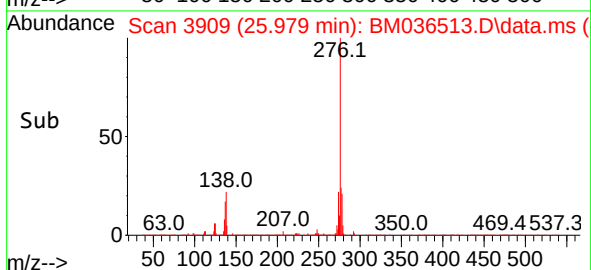
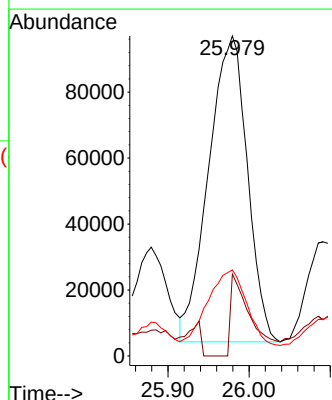
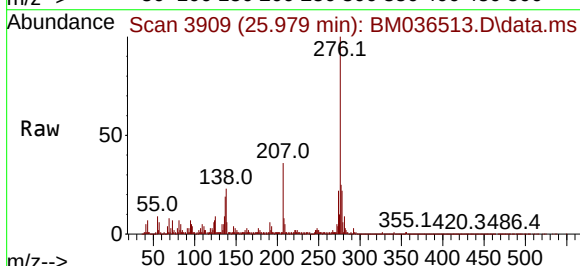
Tgt Ion:278 Resp: 307534

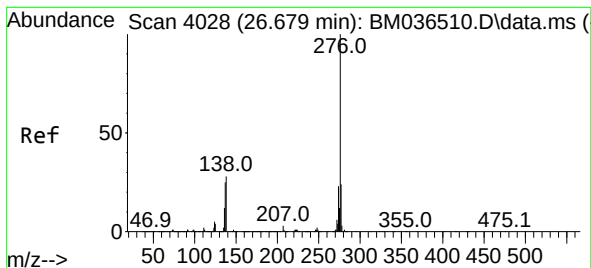
Ion Ratio Lower Upper

278 100

139 25.6 16.2 24.2#

279 26.9 18.7 28.1





#96

Benzo(g,h,i)perylene

Concen: 18.535 ng/ul

RT: 26.703 min Scan# 40

Delta R.T. 0.006 min

Lab File: BM036513.D

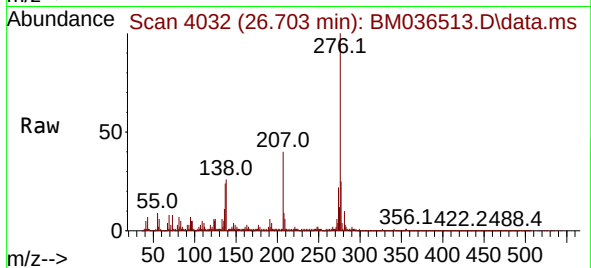
Acq: 07 Sep 2022 17:37

Instrument :

BNA_M

ClientSampleId :

EW357



Tgt Ion:276 Resp: 1281026

Ion Ratio Lower Upper

276 100

138 26.2 21.3 31.9

277 24.8 18.6 28.0

