

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061721\
 Data File : BM030493.D
 Acq On : 17 Jun 2021 13:51
 Operator : CG/JU
 Sample : M2596-13DL 2X
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BG5Q9DL

Manual Integrations
 APPROVED

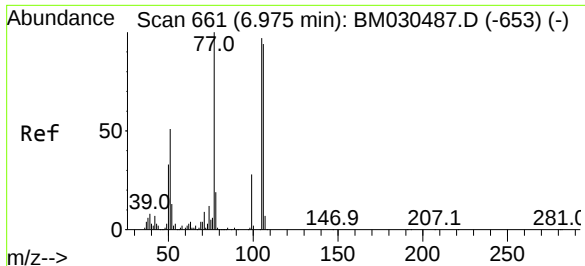
mohammad
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Quant Time: Jun 17 14:32:19 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM060621.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jun 17 13:10:35 2021
 Response via : Initial Calibration

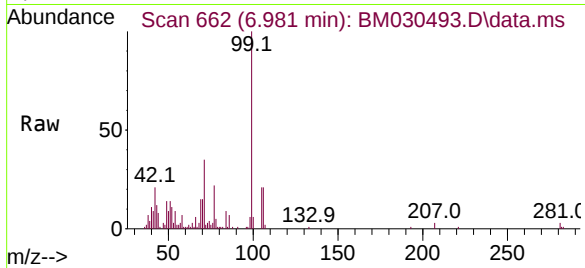
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.828	152	223162	20.00	ng/ul	0.00
20) Naphthalene-d8	10.610	136	826781	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.445	164	485500	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.186	188	957422	20.00	ng/ul	0.00
79) Chrysene-d12	21.356	240	984924	20.00	ng/ul	0.01
88) Perylene-d12	23.633	264	1028626	20.00	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.340	96	8140m	1.39	ng/uL	0.04
4) Pyridine-d5	3.775	84	56848m	3.70	ng/ul	0.06
7) Phenol-d5	6.998	99	159859	8.24	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.157	67	100513	8.03	ng/ul	0.00
11) 2-Chlorophenol-d4	7.363	132	134654	9.60	ng/ul	0.00
15) 4-Methylphenol-d8	8.528	113	126571	8.17	ng/ul	0.00
21) Nitrobenzene-d5	8.981	128	59585	10.53	ng/ul	0.00
24) 2-Nitrophenol-d4	9.698	143	66330	11.80	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.234	165	124838	10.20	ng/ul	0.00
31) 4-Chloroaniline-d4	10.751	131	126494	6.76	ng/ul	0.00
46) Dimethylphthalate-d6	13.857	166	350077	10.51	ng/ul	0.00
49) Acenaphthylene-d8	14.139	160	440182	10.58	ng/ul	0.00
54) 4-Nitrophenol-d4	14.657	143	28886	4.63	ng/ul	0.01
60) Fluorene-d10	15.439	176	312419	10.47	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.557	200	26040	4.71	ng/ul	0.00
73) Anthracene-d10	17.286	188	466539	10.71	ng/ul	0.00
81) Pyrene-d10	19.574	212	434741	8.43	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.486	264	354889	6.92	ng/ul	0.01
Target Compounds						
					Qvalue	
6) Benzaldehyde	6.981	77	11008	1.21	ng/ul	93
16) Acetophenone	8.645	105	41303	1.69	ng/ul	96
52) Acenaphthene	14.510	153	53681	1.82	ng/ul	99
56) Dibenzofuran	14.845	168	45017	1.10	ng/ul	100
61) Fluorene	15.492	166	79873	2.32	ng/ul	97
72) Phenanthrene	17.227	178	1745027	33.71	ng/ul	99
74) Anthracene	17.315	178	602396	11.53	ng/ul	99
80) Fluoranthene	19.239	202	3464797	54.70	ng/ul	99
82) Pyrene	19.603	202	2131820	31.82	ng/ul	94
85) Benzo(a)anthracene	21.339	228	1986007	33.37	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.268	149	46471	1.46	ng/ul#	98
87) Chrysene	21.392	228	1566948	26.70	ng/ul	97
90) Benzo(b)fluoranthene	22.950	252	1904231	28.80	ng/ul	98
91) Benzo(k)fluoranthene	22.986	252	612958m	9.71	ng/ul	
93) Benzo(a)pyrene	23.533	252	590468	10.22	ng/ul	95
94) Indeno(1,2,3-cd)pyrene	25.938	276	475486	6.68	ng/ul#	93
95) Dibenzo(a,h)anthracene	25.938	278	228291	3.81	ng/ul#	93

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

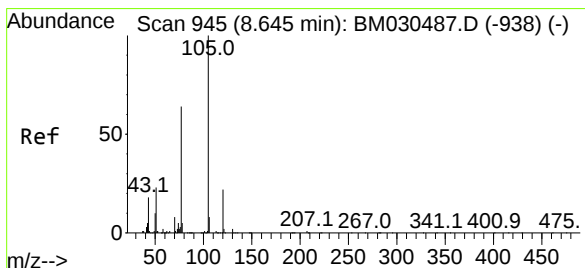
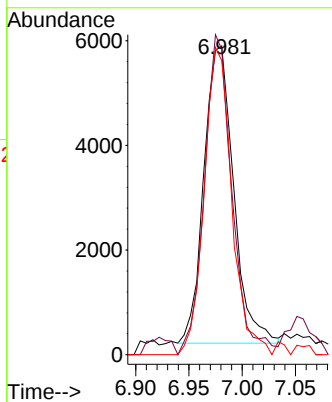
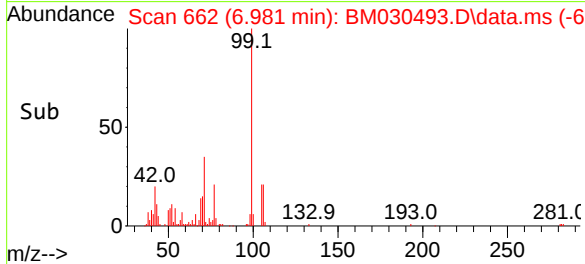


#6
Benzaldehyde
Concen: 1.21 ng/ul
RT: 6.981 min Scan# 662
Delta R.T. 0.012 min
Lab File: BM030493.D
Acq: 17 Jun 2021 13:51

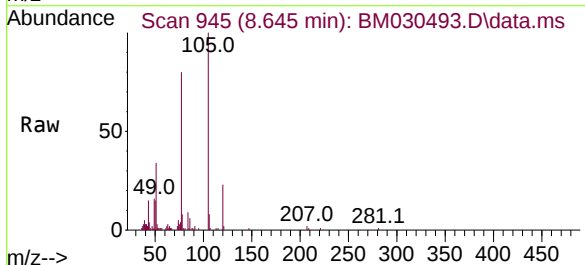


Tgt Ion: 77 Resp: 11008

Ion	Ratio	Lower	Upper
77	100		
105	98.8	74.5	111.7
106	95.2	70.2	105.2

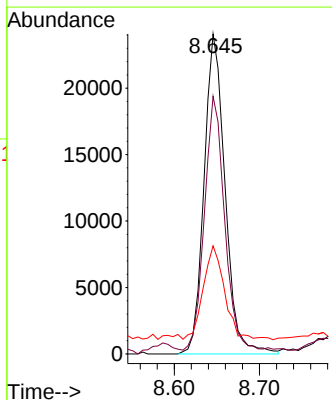
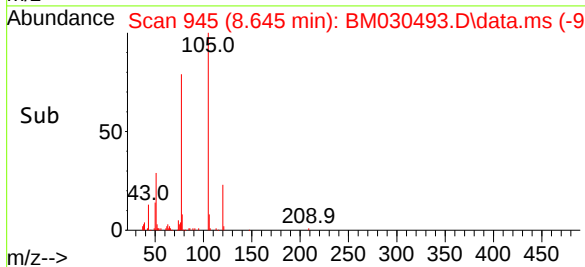


#16
Acetophenone
Concen: 1.69 ng/ul
RT: 8.645 min Scan# 945
Delta R.T. 0.000 min
Lab File: BM030493.D
Acq: 17 Jun 2021 13:51



Tgt Ion: 105 Resp: 41303

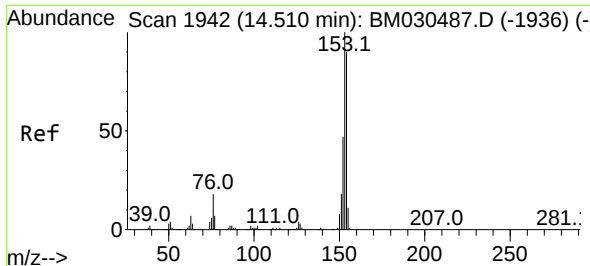
Ion	Ratio	Lower	Upper
105	100		
77	80.5	62.6	93.8
51	33.8	24.3	36.5



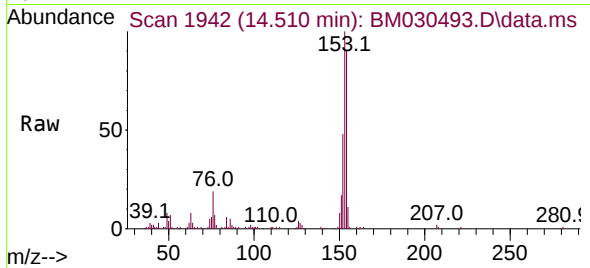
Instrument :
BNA_M
ClientSampleID :
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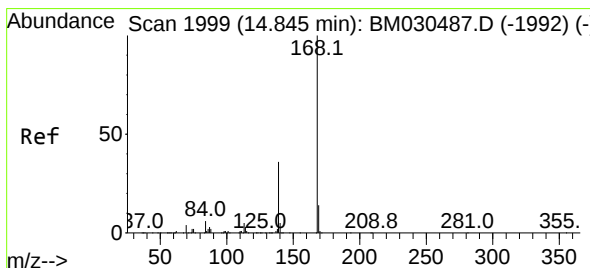
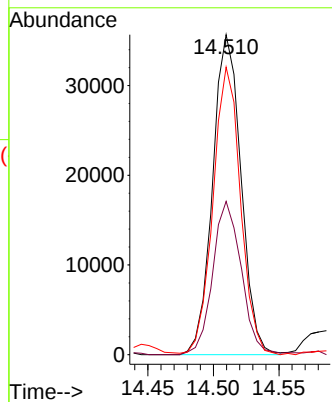
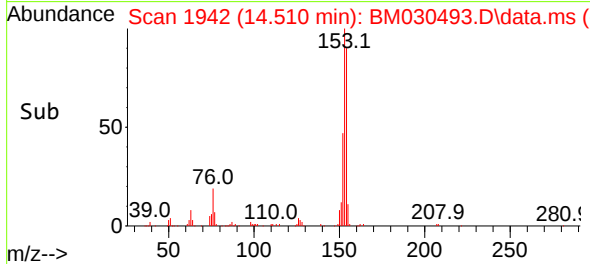
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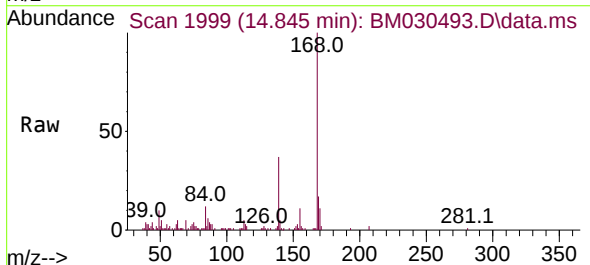
#52
Acenaphthene
Concen: 1.82 ng/ul
RT: 14.510 min Scan# 1942
Delta R.T. 0.000 min
Lab File: BM030493.D
Acq: 17 Jun 2021 13:51



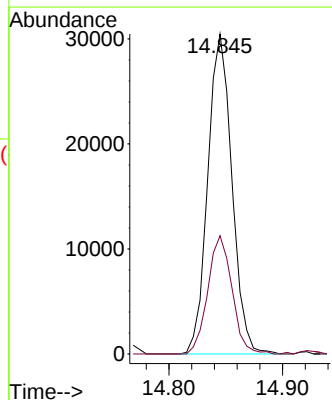
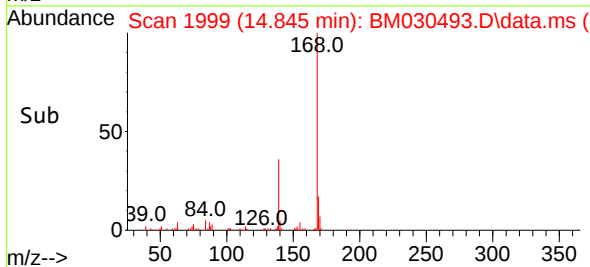
Tgt Ion:153 Resp: 53681
Ion Ratio Lower Upper
153 100
152 47.9 39.0 58.4
154 89.9 71.7 107.5



#56
Dibenzofuran
Concen: 1.10 ng/ul
RT: 14.845 min Scan# 1999
Delta R.T. 0.000 min
Lab File: BM030493.D
Acq: 17 Jun 2021 13:51



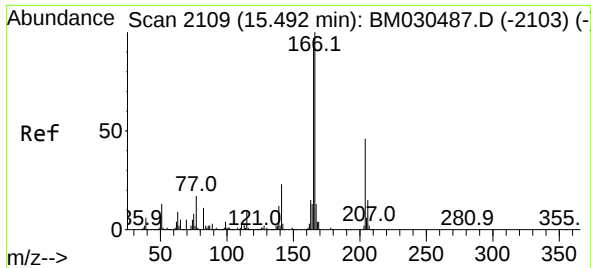
Tgt Ion:168 Resp: 45017
Ion Ratio Lower Upper
168 100
139 37.0 29.4 44.0



Instrument :
BNA_M
ClientSampled :
BG5Q9DL

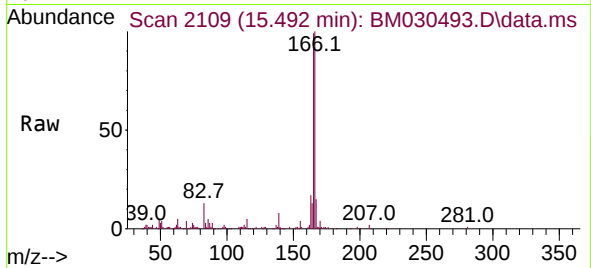
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#61
Fluorene
Concen: 2.32 ng/ul
RT: 15.492 min Scan# 2109
Delta R.T. 0.000 min
Lab File: BM030493.D
Acq: 17 Jun 2021 13:51

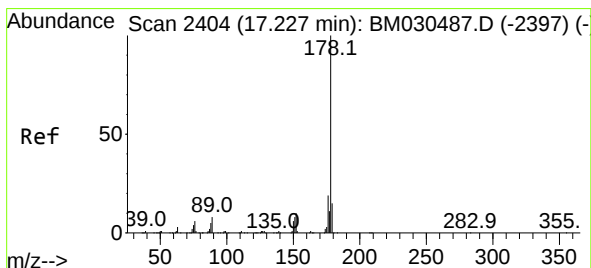
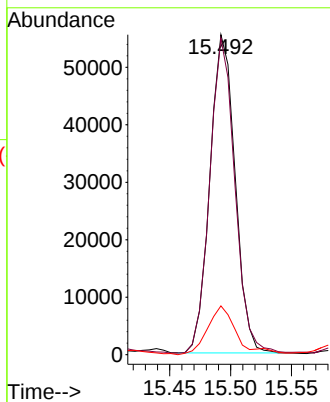
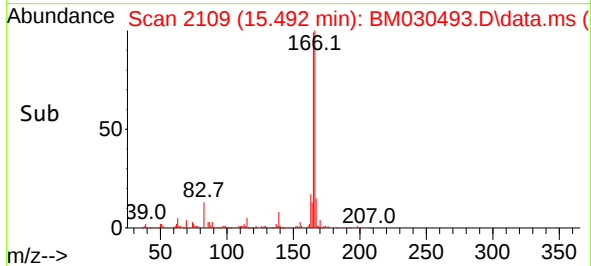
Instrument :
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ClientSampleID :
BG5Q9DL



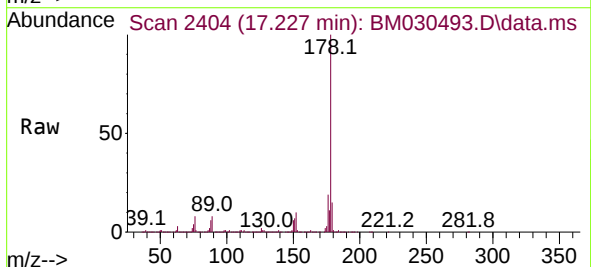
Tgt Ion:166 Resp: 79873
Ion Ratio Lower Upper
166 100
165 98.9 77.0 115.6
167 15.3 10.5 15.7

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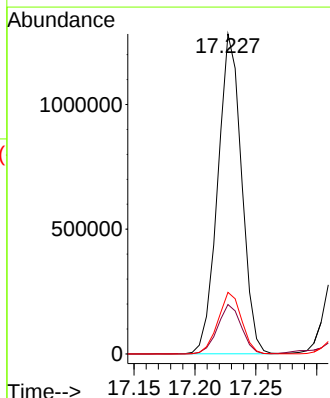
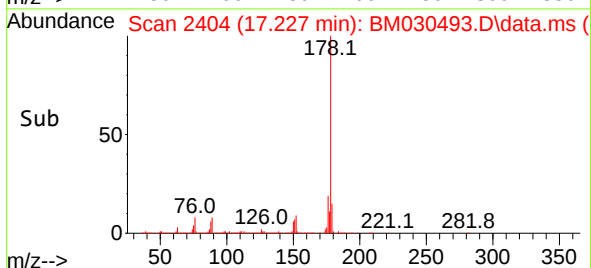
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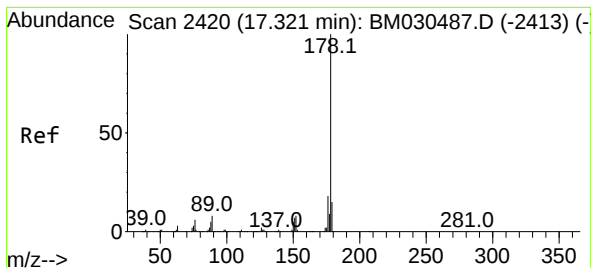


#72
Phenanthrene
Concen: 33.71 ng/ul
RT: 17.227 min Scan# 2404
Delta R.T. 0.000 min
Lab File: BM030493.D
Acq: 17 Jun 2021 13:51



Tgt Ion:178 Resp: 1745027
Ion Ratio Lower Upper
178 100
179 15.4 12.2 18.2
176 19.2 15.0 22.6





#74

Anthracene

Concen: 11.53 ng/ul

RT: 17.315 min Scan# 2419

Delta R.T. 0.000 min

Lab File: BM030493.D

Acq: 17 Jun 2021 13:51

Tgt Ion:178 Resp: 602396

Ion Ratio Lower Upper

178 100

179 16.0 12.5 18.7

176 19.3 15.0 22.4

Instrument :

BNA_M

ClientSampleID :

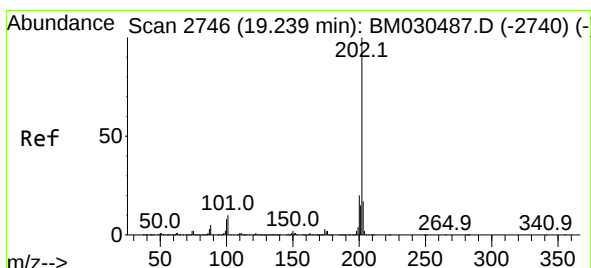
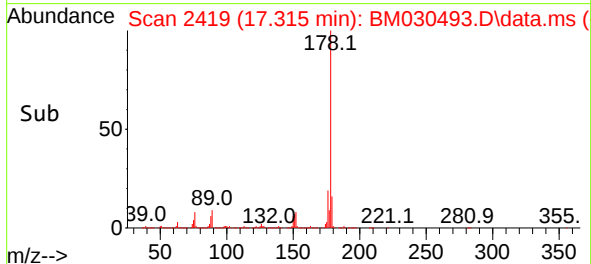
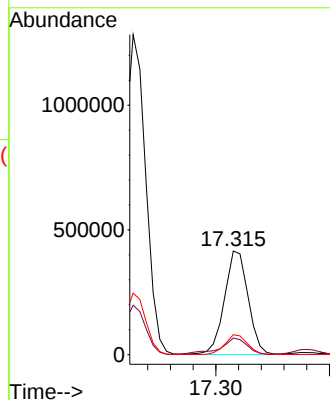
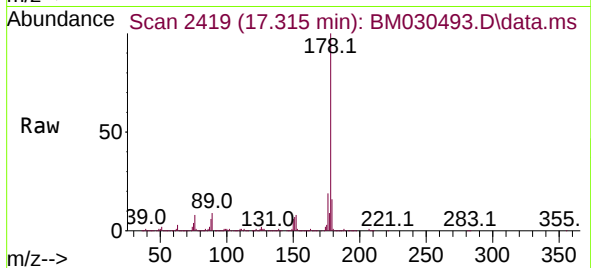
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#80

Fluoranthene

Concen: 54.70 ng/ul

RT: 19.239 min Scan# 2746

Delta R.T. 0.006 min

Lab File: BM030493.D

Acq: 17 Jun 2021 13:51

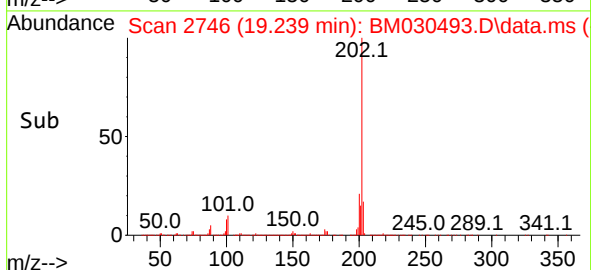
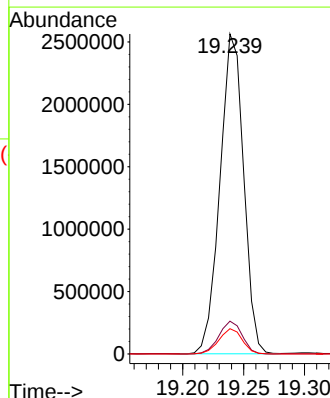
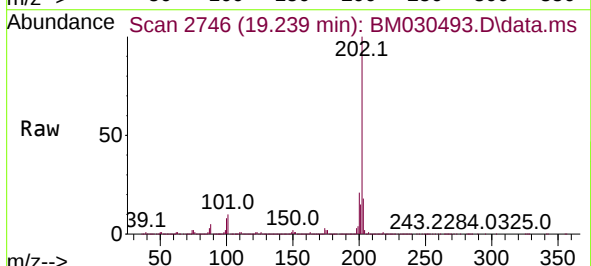
Tgt Ion:202 Resp: 3464797

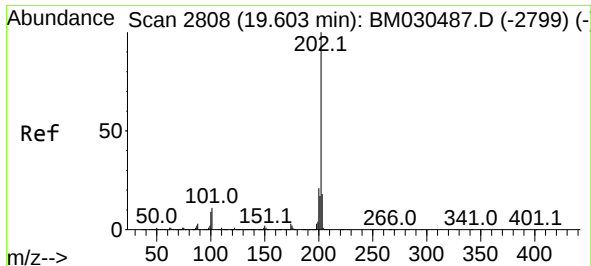
Ion Ratio Lower Upper

202 100

101 10.3 8.7 13.1

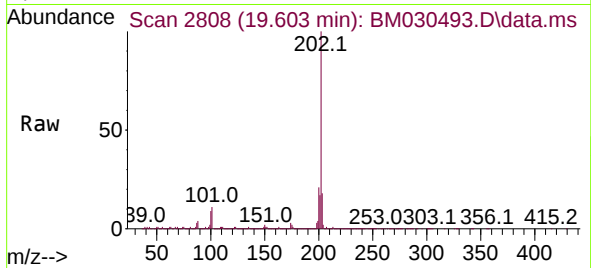
100 7.9 6.6 10.0





#82
Pyrene
Concen: 31.82 ng/ul
RT: 19.603 min Scan# 2808
Delta R.T. 0.006 min
Lab File: BM030493.D
Acq: 17 Jun 2021 13:51

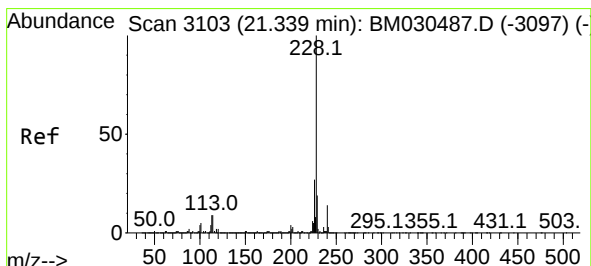
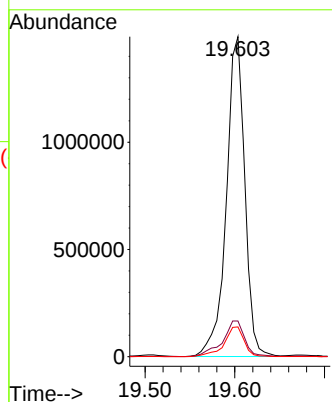
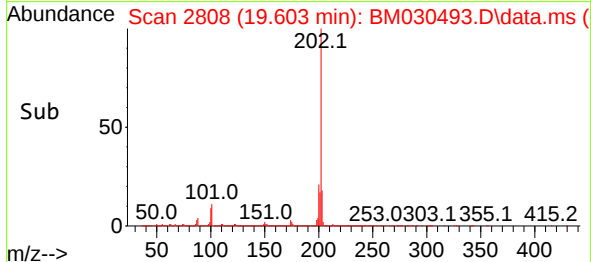
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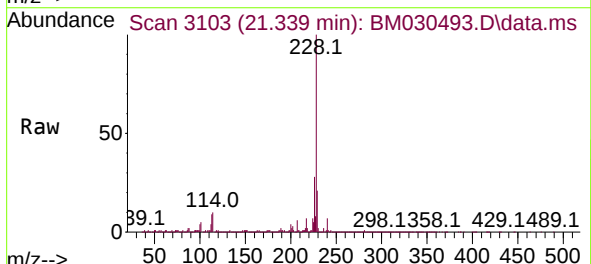
Tgt Ion:202 Resp: 2131820
Ion Ratio Lower Upper
202 100
101 11.1 10.8 16.2
100 9.3 9.1 13.7

Manual Integrations
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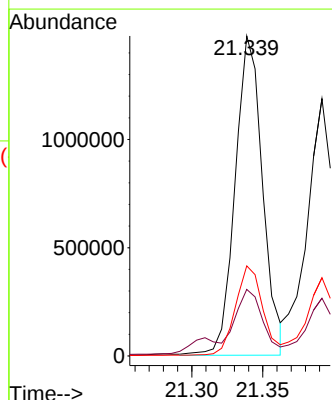
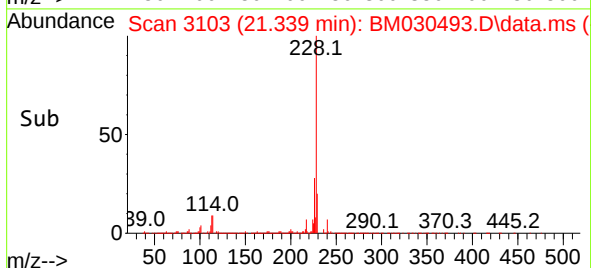
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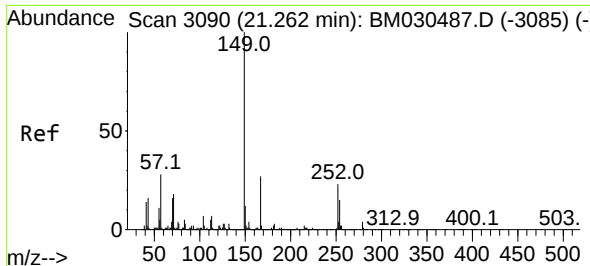


#85
Benzo(a)anthracene
Concen: 33.37 ng/ul
RT: 21.339 min Scan# 3103
Delta R.T. 0.006 min
Lab File: BM030493.D
Acq: 17 Jun 2021 13:51



Tgt Ion:228 Resp: 1986007
Ion Ratio Lower Upper
228 100
229 20.8 15.6 23.4
226 28.1 22.2 33.2





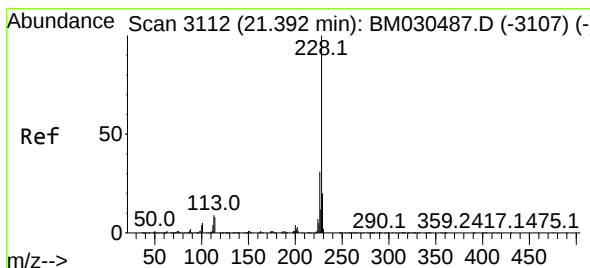
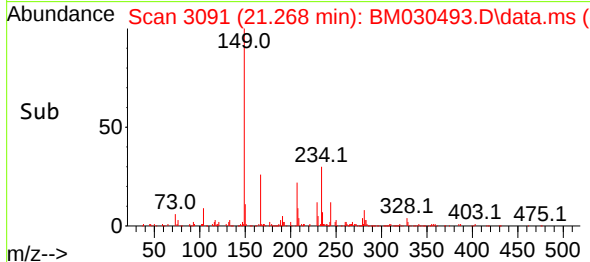
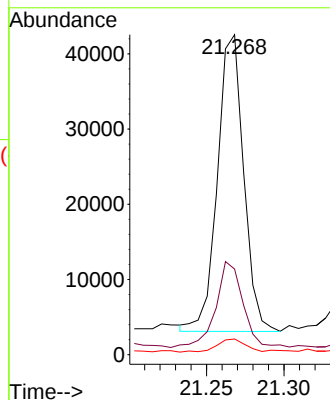
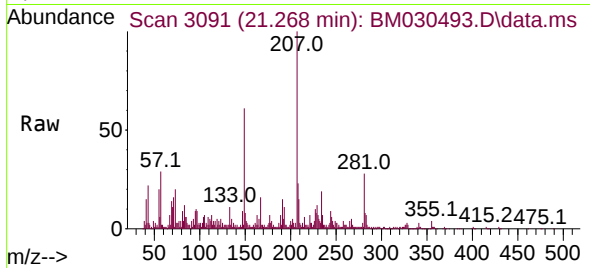
#86
Bis(2-ethylhexyl)phthalate
Concen: 1.46 ng/ul
RT: 21.268 min Scan# 3091
Delta R.T. 0.006 min
Lab File: BM030493.D
Acq: 17 Jun 2021 13:51

Tgt Ion:149 Resp: 46471
Ion Ratio Lower Upper
149 100
167 26.8 20.9 31.3
279 4.9 3.0 4.6#

Instrument :
BNA_M
ClientSampleID :
BG5Q9DL

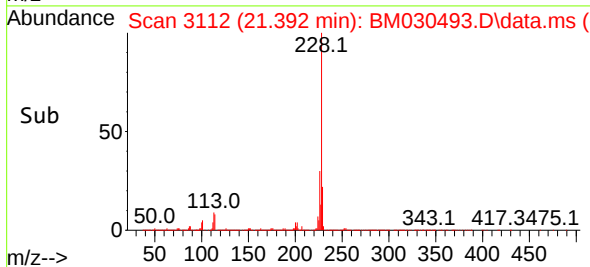
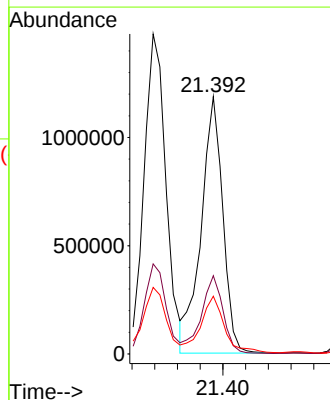
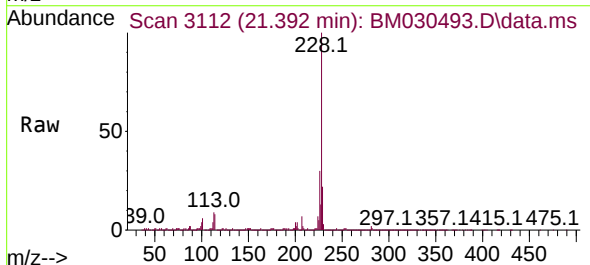
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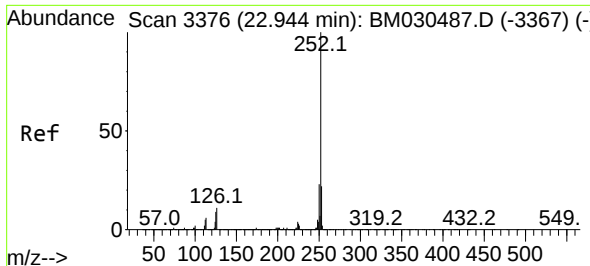
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#87
Chrysene
Concen: 26.70 ng/ul
RT: 21.392 min Scan# 3112
Delta R.T. 0.006 min
Lab File: BM030493.D
Acq: 17 Jun 2021 13:51

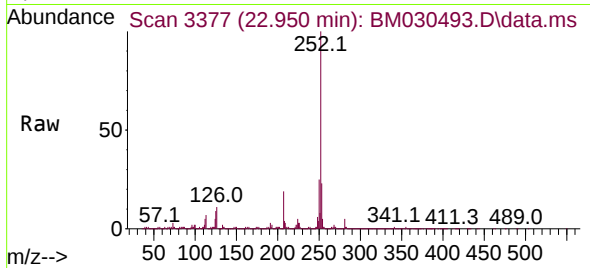
Tgt Ion:228 Resp: 1566948
Ion Ratio Lower Upper
228 100
226 30.4 24.2 36.2
229 22.5 15.8 23.6





#90
Benzo(b)fluoranthene
Concen: 28.80 ng/ul
RT: 22.950 min Scan# 3377
Delta R.T. 0.018 min
Lab File: BM030493.D
Acq: 17 Jun 2021 13:51

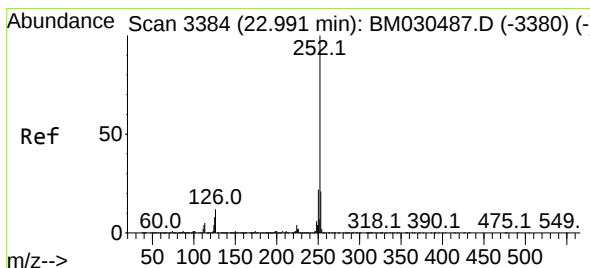
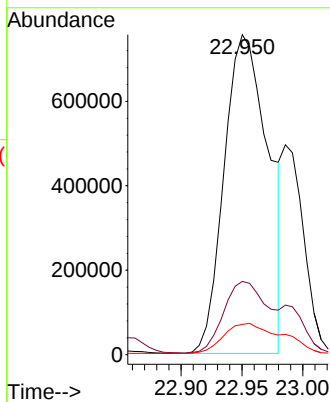
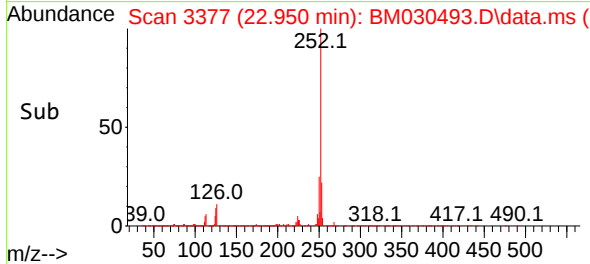
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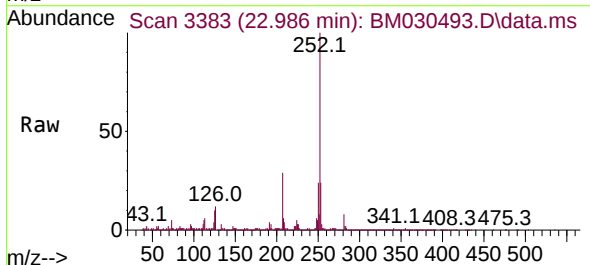
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Ion Ratio Lower Upper
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253 22.9 18.0 27.0
125 9.4 8.6 13.0

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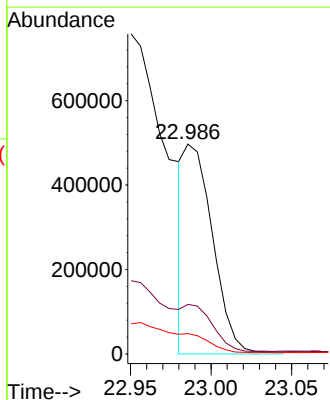
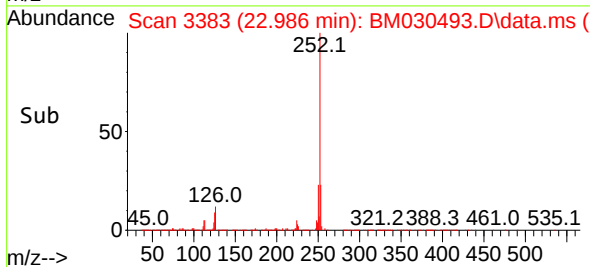
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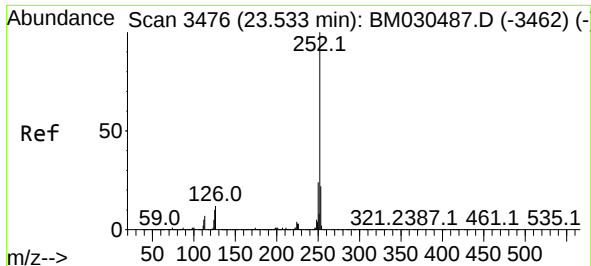


#91
Benzo(k)fluoranthene
Concen: 9.71 ng/ul m
RT: 22.986 min Scan# 3383
Delta R.T. 0.012 min
Lab File: BM030493.D
Acq: 17 Jun 2021 13:51



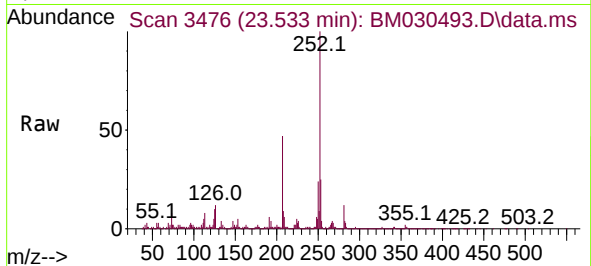
Tgt Ion:252 Resp: 612958
Ion Ratio Lower Upper
252 100
253 23.7 17.9 26.9
125 9.7 8.4 12.6





#93
Benzo(a)pyrene
Concen: 10.22 ng/u1
RT: 23.533 min Scan# 3476
Delta R.T. 0.018 min
Lab File: BM030493.D
Acq: 17 Jun 2021 13:51

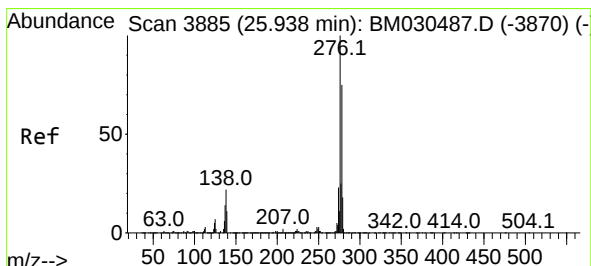
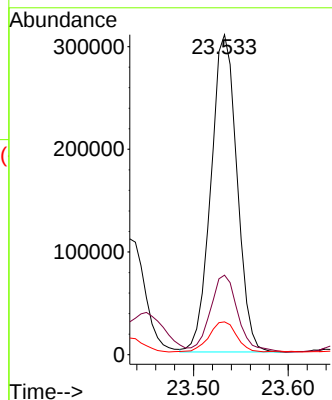
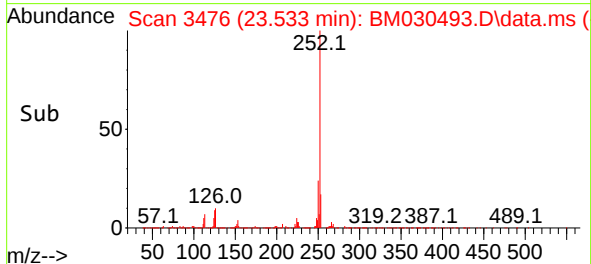
Instrument :
BNA_M
ClientSampleId :
BG5Q9DL



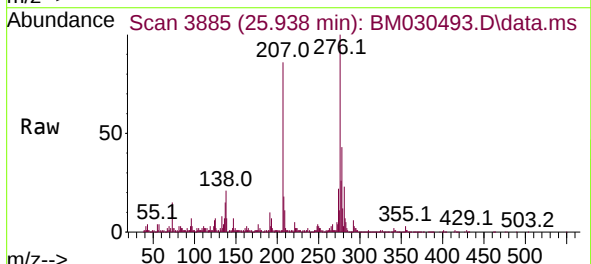
Tgt Ion:252 Resp: 590468
Ion Ratio Lower Upper
252 100
253 24.9 17.8 26.8
125 10.2 9.5 14.3

Manual Integrations
APPROVED

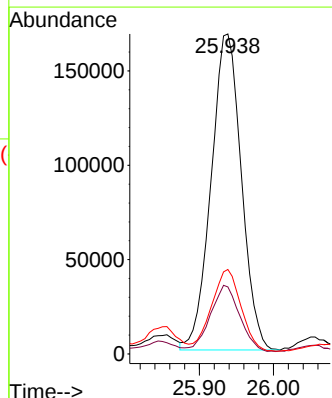
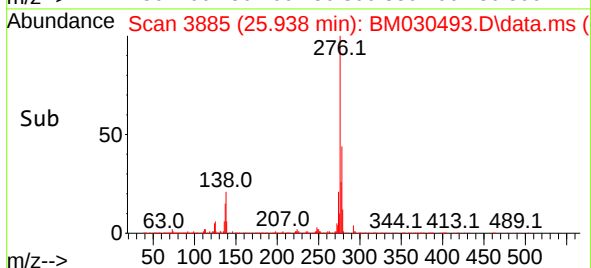
mohammad
6/18/2021 1:03:11 PM

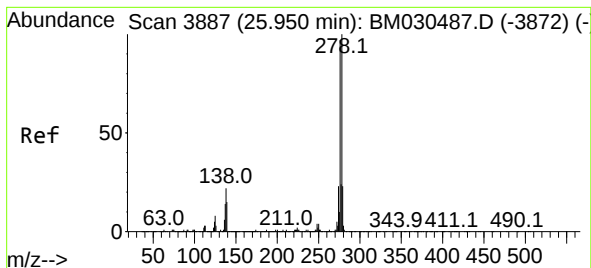


#94
Indeno(1,2,3-cd)pyrene
Concen: 6.68 ng/u1
RT: 25.938 min Scan# 3885
Delta R.T. 0.024 min
Lab File: BM030493.D
Acq: 17 Jun 2021 13:51



Tgt Ion:276 Resp: 475486
Ion Ratio Lower Upper
276 100
138 21.0 21.8 32.6#
277 26.4 20.3 30.5





#95

Dibenzo(a,h)anthracene

Concen: 3.81 ng/ul

RT: 25.938 min Scan# 3885

Delta R.T. 0.012 min

Lab File: BM030493.D

Acq: 17 Jun 2021 13:51

Tgt Ion: 278 Resp: 228291

Ion Ratio Lower Upper

278 100

139 15.9 13.4 20.2

279 28.8 18.6 28.0#

Instrument :

BNA_M

ClientSampleId :

BG5Q9DL

Manual Integrations

APPROVED

mohammad

6/18/2021 1:03:11 PM

