

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062121\
 Data File : BM030502.D
 Acq On : 21 Jun 2021 13:05
 Operator : CG/JU
 Sample : M2649-04
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BG5H9

Manual Integrations
 APPROVED

mohammad
 6/22/2021 8:16:13 AM

Quant Time: Jun 21 13:36:13 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM060621.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jun 21 10:48:13 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.828	152	177481	20.000	ng/ul	0.00
20) Naphthalene-d8	10.610	136	650144	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.445	164	380549	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.186	188	739364	20.000	ng/ul	0.00
79) Chrysene-d12	21.356	240	739157	20.000	ng/ul	0.00
88) Perylene-d12	23.632	264	786668	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.334	96	14603	3.142	ng/uL	0.00
4) Pyridine-d5	3.757	84	119961	9.822	ng/ul	0.01
7) Phenol-d5	6.998	99	271141	17.578	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.157	67	182963	18.378	ng/ul	0.00
11) 2-Chlorophenol-d4	7.363	132	237633	21.302	ng/ul	0.00
15) 4-Methylphenol-d8	8.528	113	201448	16.352	ng/ul	0.00
21) Nitrobenzene-d5	8.980	128	106034	23.826	ng/ul	0.00
24) 2-Nitrophenol-d4	9.698	143	117486	26.581	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.233	165	211524	21.970	ng/ul	0.00
31) 4-Chloroaniline-d4	10.751	131	161119	10.947	ng/ul	0.00
46) Dimethylphthalate-d6	13.857	166	605685	23.193	ng/ul	0.00
49) Acenaphthylene-d8	14.139	160	774360	23.735	ng/ul	0.00
54) 4-Nitrophenol-d4	14.651	143	65563	13.412	ng/ul	0.00
60) Fluorene-d10	15.439	176	539357	23.069	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.557	200	64150	15.031	ng/ul	0.00
73) Anthracene-d10	17.286	188	789108	23.465	ng/ul	0.00
81) Pyrene-d10	19.574	212	905422	23.403	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.491	264	954017	24.321	ng/ul	0.00
Target Compounds					Qvalue	
47) Dimethylphthalate	13.904	163	177725	6.966	ng/ul	99
50) Acenaphthylene	14.168	152	41963	1.347	ng/ul	99
72) Phenanthrene	17.227	178	101943	2.550	ng/ul	99
80) Fluoranthene	19.239	202	321899	6.771	ng/ul	99
82) Pyrene	19.597	202	321676	6.398	ng/ul	97
85) Benzo(a)anthracene	21.338	228	220840	4.945	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.268	149	178596	7.461	ng/ul	98
87) Chrysene	21.391	228	214397	4.868	ng/ul	97
90) Benzo(b)fluoranthene	22.950	252	373009	7.377	ng/ul	99
91) Benzo(k)fluoranthene	22.985	252	110975m	2.298	ng/ul	
93) Benzo(a)pyrene	23.532	252	257190	5.819	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	25.938	276	202377	3.720	ng/ul	97
95) Dibenzo(a,h)anthracene	25.944	278	52667	1.150	ng/ul#	71
96) Benzo(g,h,i)perylene	26.644	276	179045	4.005	ng/ul	96

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

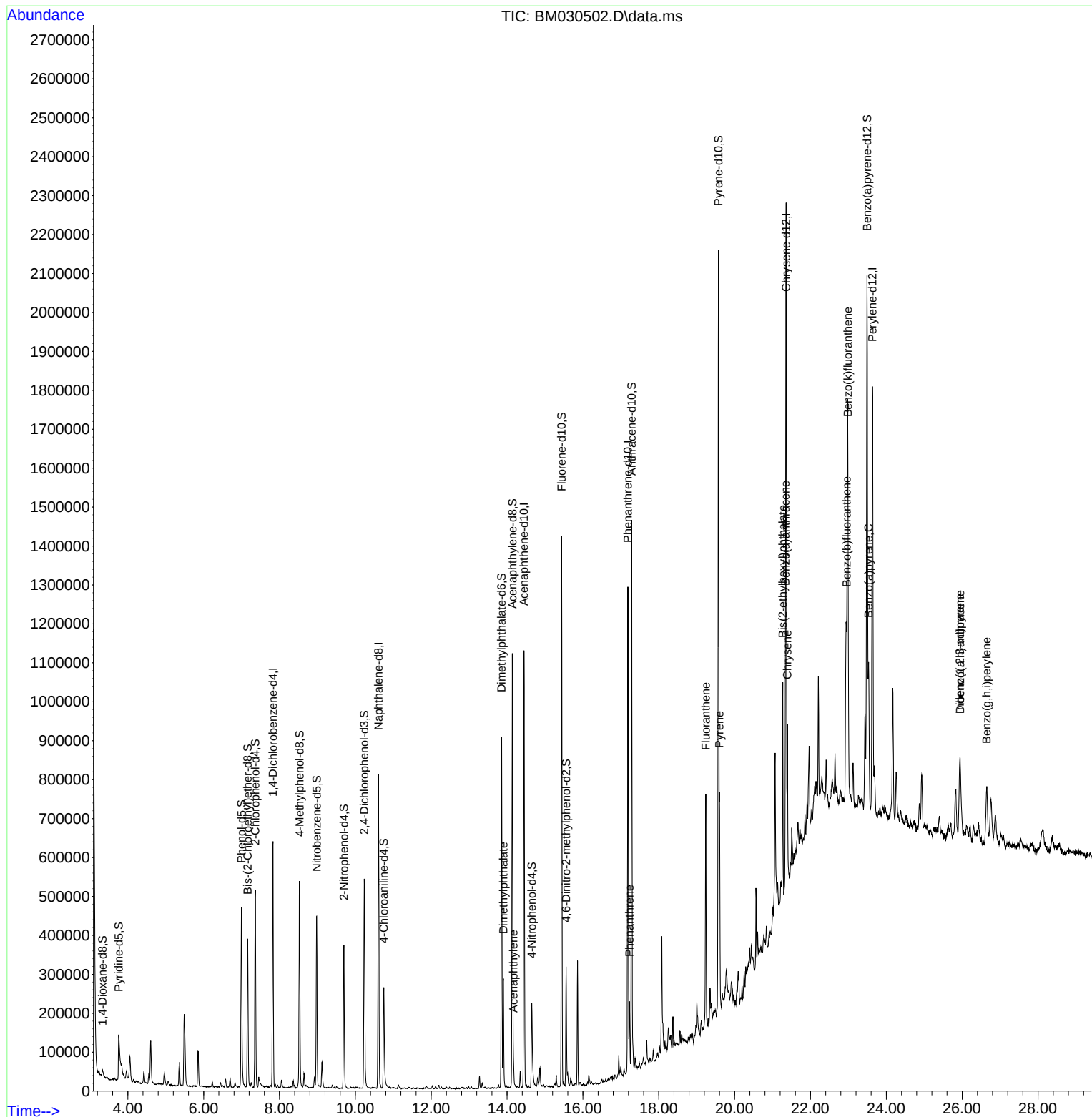
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 Data File : BM030502.D
 Acq On : 21 Jun 2021 13:05
 Operator : CG/JU
 Sample : M2649-04
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

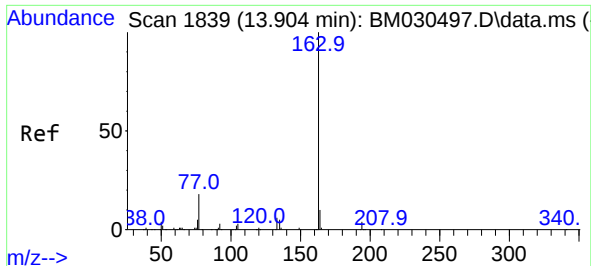
Instrument :
 BNA_M
 ClientSampleId :
 BG5H9

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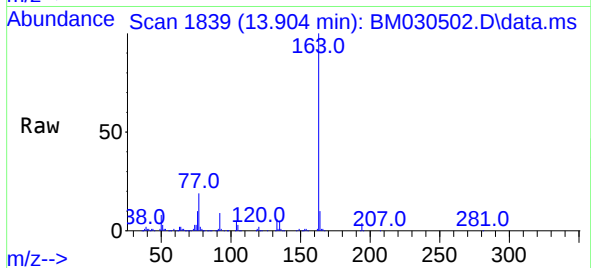
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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM060621.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jun 21 10:48:13 2021
 Response via : Initial Calibration





#47
Dimethylphthalate
Concen: 6.966 ng/ul
RT: 13.904 min Scan# 1839
Delta R.T. -0.000 min
Lab File: BM030502.D
Acq: 21 Jun 2021 13:05

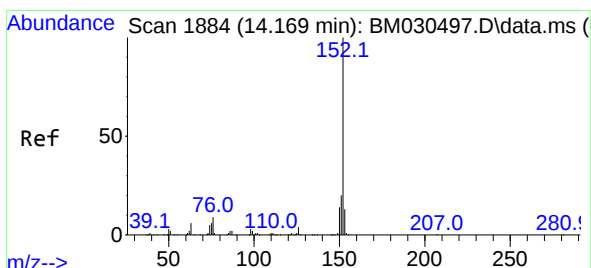
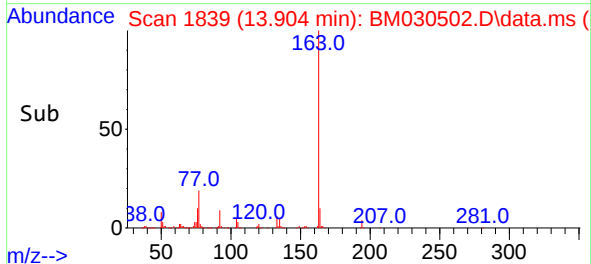
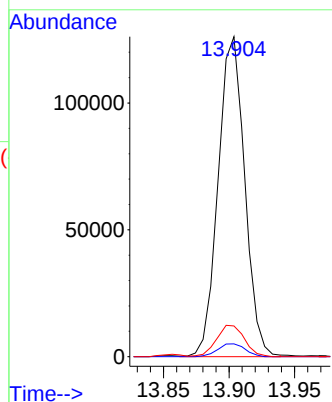
Instrument :
BNA_M
ClientSampled :
BG5H9



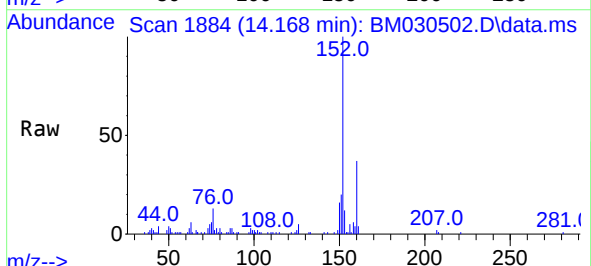
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Ion Ratio Lower Upper
163 100
194 4.0 3.2 4.8
164 9.6 8.0 12.0

Manual Integrations
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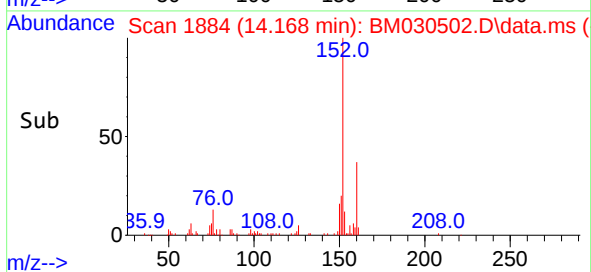
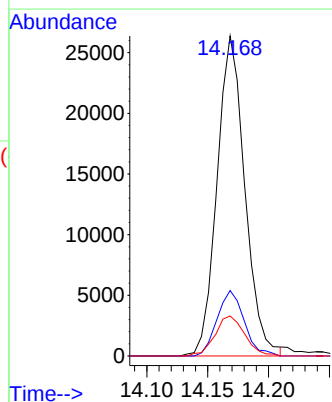
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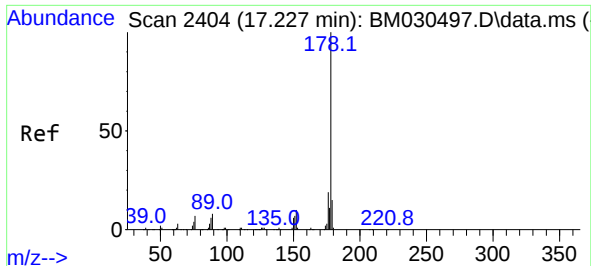


#50
Acenaphthylene
Concen: 1.347 ng/ul
RT: 14.168 min Scan# 1884
Delta R.T. -0.000 min
Lab File: BM030502.D
Acq: 21 Jun 2021 13:05



Tgt Ion:152 Resp: 41963
Ion Ratio Lower Upper
152 100
151 20.5 15.9 23.9
153 12.5 10.5 15.7





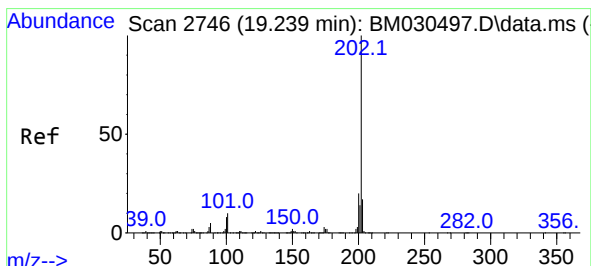
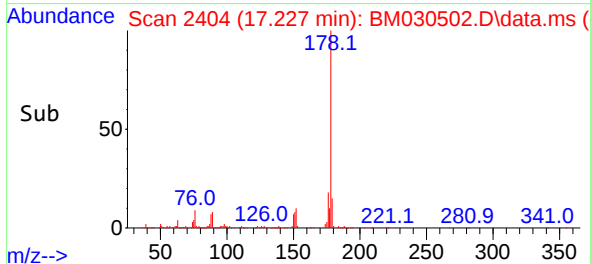
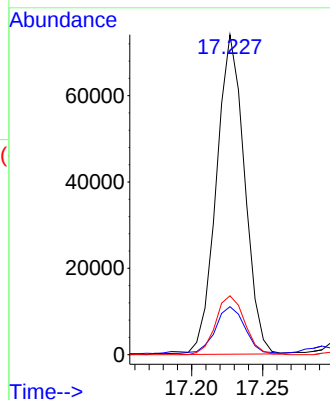
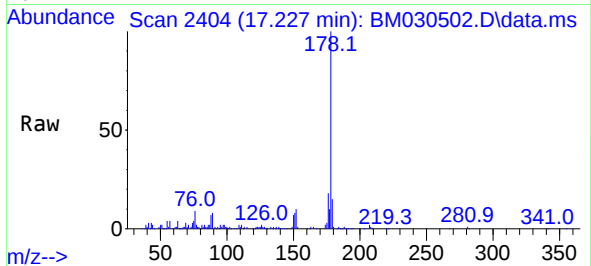
#72
Phenanthrene
Concen: 2.550 ng/ul
RT: 17.227 min Scan# 2404
Delta R.T. -0.000 min
Lab File: BM030502.D
Acq: 21 Jun 2021 13:05

Tgt Ion:178 Resp: 101943
Ion Ratio Lower Upper
178 100
179 15.0 12.2 18.2
176 18.4 15.0 22.6

Instrument :
BNA_M
ClientSampled :
BG5H9

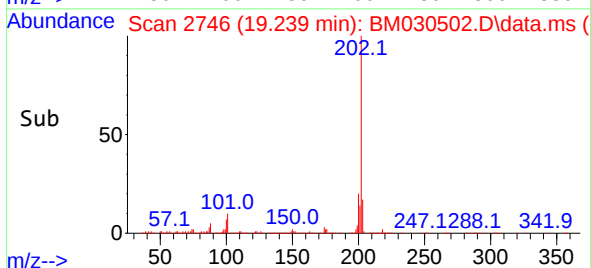
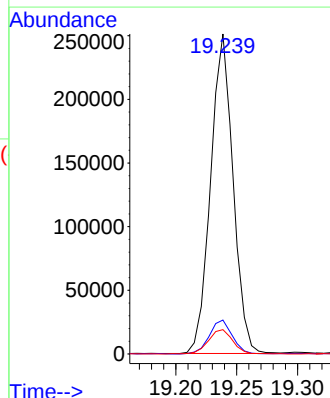
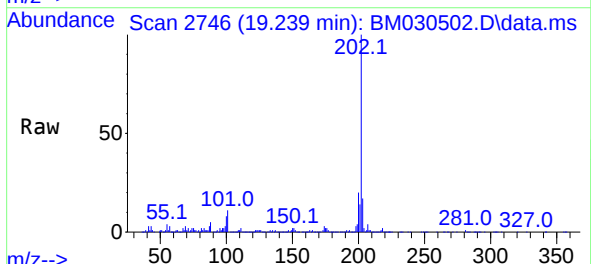
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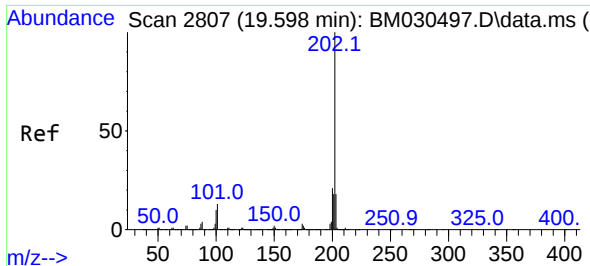
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#80
Fluoranthene
Concen: 6.771 ng/ul
RT: 19.239 min Scan# 2746
Delta R.T. -0.000 min
Lab File: BM030502.D
Acq: 21 Jun 2021 13:05

Tgt Ion:202 Resp: 321899
Ion Ratio Lower Upper
202 100
101 10.6 8.7 13.1
100 7.6 6.6 10.0





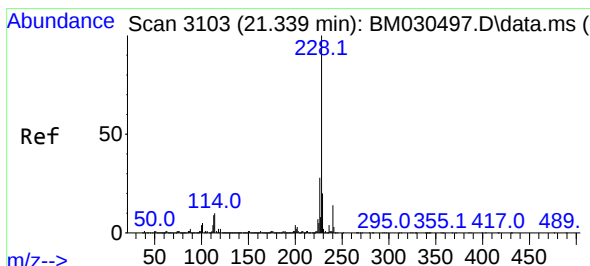
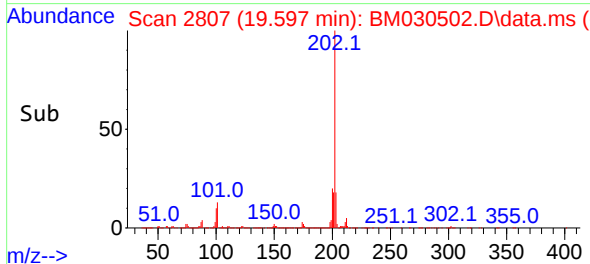
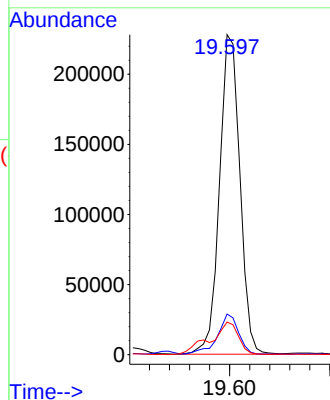
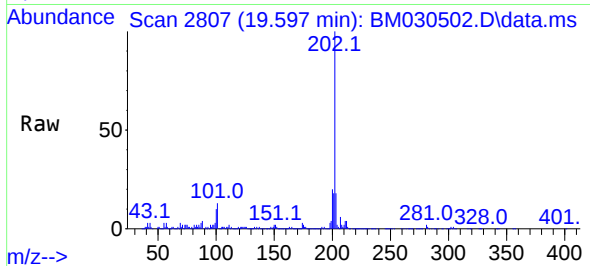
#82
Pyrene
Concen: 6.398 ng/ul
RT: 19.597 min Scan# 2807
Delta R.T. -0.000 min
Lab File: BM030502.D
Acq: 21 Jun 2021 13:05

Tgt Ion:202 Resp: 321676
Ion Ratio Lower Upper
202 100
101 12.7 10.8 16.2
100 10.2 9.1 13.7

Instrument :
BNA_M
ClientSampled :
BG5H9

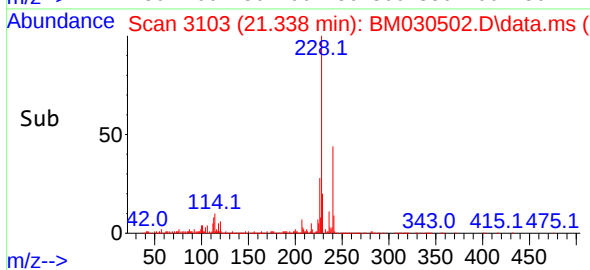
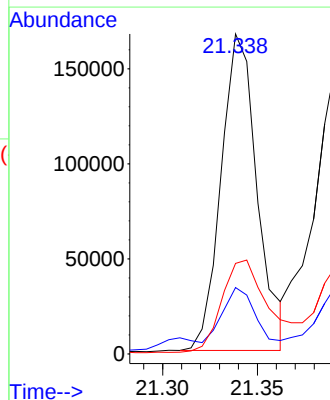
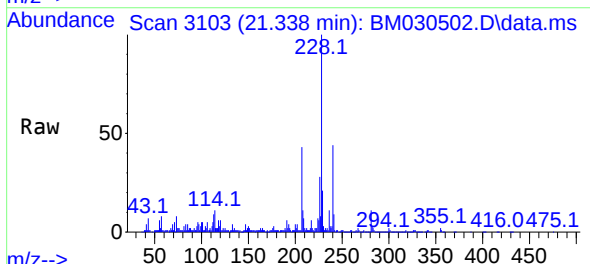
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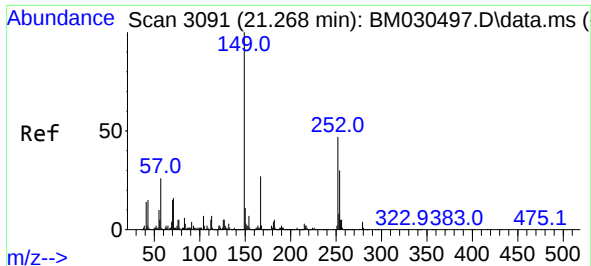
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#85
Benzo(a)anthracene
Concen: 4.945 ng/ul
RT: 21.338 min Scan# 3103
Delta R.T. -0.000 min
Lab File: BM030502.D
Acq: 21 Jun 2021 13:05

Tgt Ion:228 Resp: 220840
Ion Ratio Lower Upper
228 100
229 20.8 15.6 23.4
226 28.3 22.2 33.2





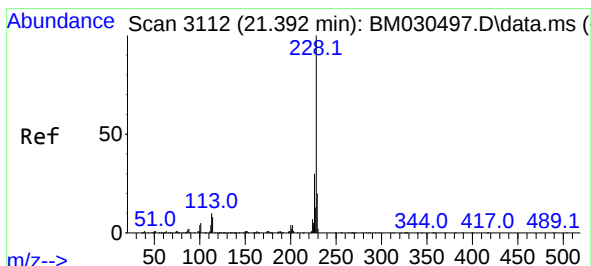
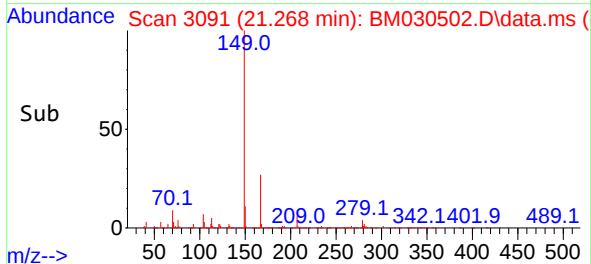
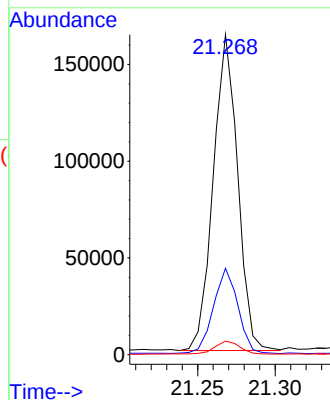
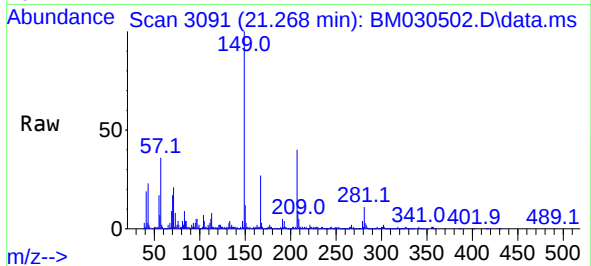
#86
Bis(2-ethylhexyl)phthalate
Concen: 7.461 ng/ul
RT: 21.268 min Scan# 3091
Delta R.T. -0.000 min
Lab File: BM030502.D
Acq: 21 Jun 2021 13:05

Tgt Ion:149 Resp: 178596
Ion Ratio Lower Upper
149 100
167 27.0 20.9 31.3
279 4.2 3.0 4.6

Instrument :
BNA_M
ClientSampled :
BG5H9

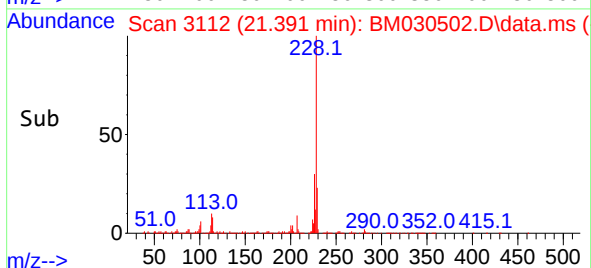
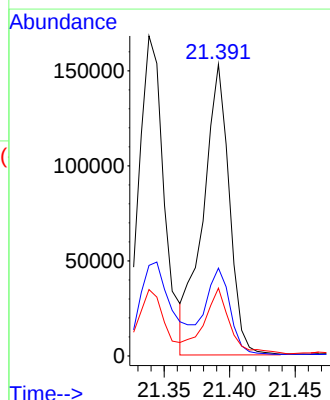
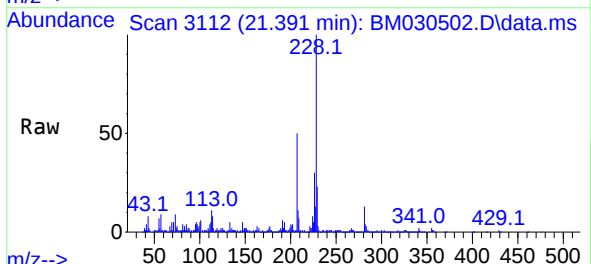
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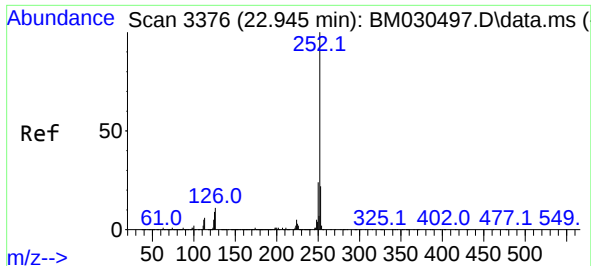
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#87
Chrysene
Concen: 4.868 ng/ul
RT: 21.391 min Scan# 3112
Delta R.T. -0.000 min
Lab File: BM030502.D
Acq: 21 Jun 2021 13:05

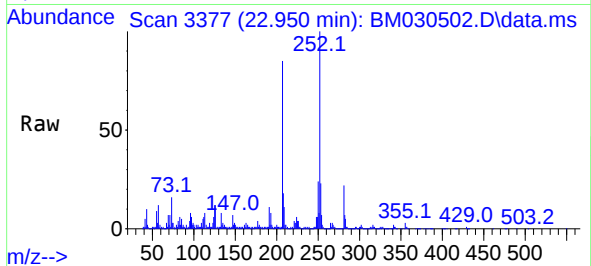
Tgt Ion:228 Resp: 214397
Ion Ratio Lower Upper
228 100
226 30.1 24.2 36.2
229 23.3 15.8 23.6





#90
Benzo(b)fluoranthene
Concen: 7.377 ng/ul
RT: 22.950 min Scan# 3377
Delta R.T. 0.006 min
Lab File: BM030502.D
Acq: 21 Jun 2021 13:05

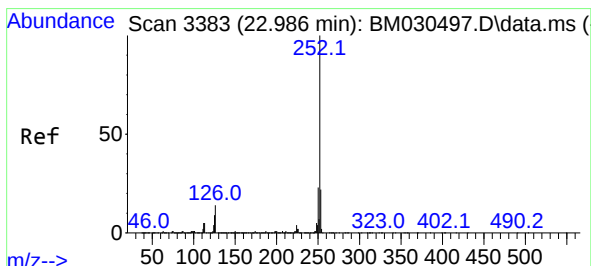
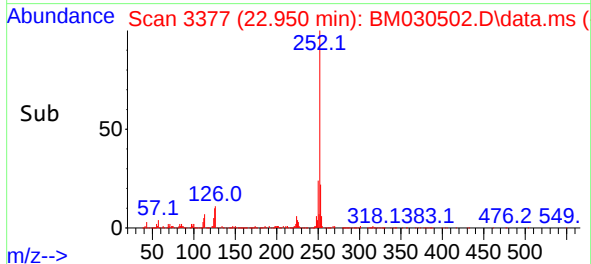
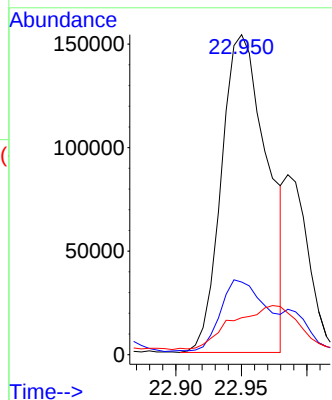
Instrument :
BNA_M
ClientSampled :
BG5H9



Tgt Ion:252 Resp: 373009
Ion Ratio Lower Upper
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253 22.7 18.0 27.0
125 11.5 8.6 13.0

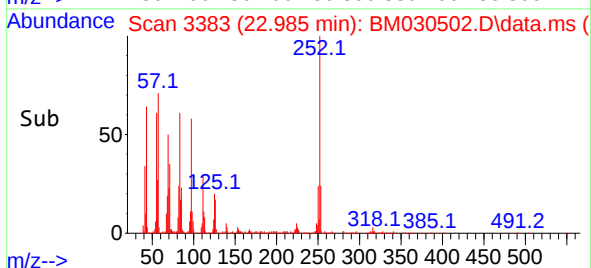
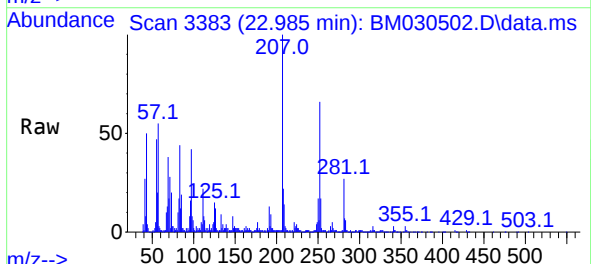
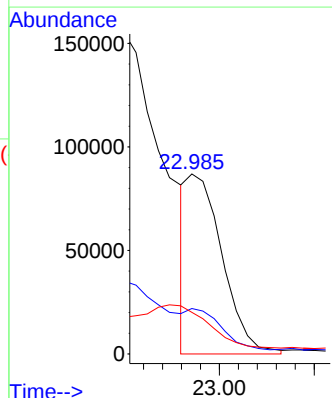
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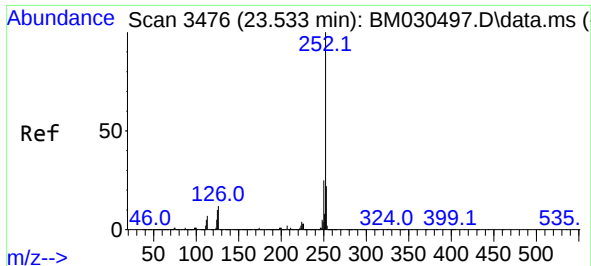
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#91
Benzo(k)fluoranthene
Concen: 2.298 ng/ul m
RT: 22.985 min Scan# 3383
Delta R.T. -0.000 min
Lab File: BM030502.D
Acq: 21 Jun 2021 13:05

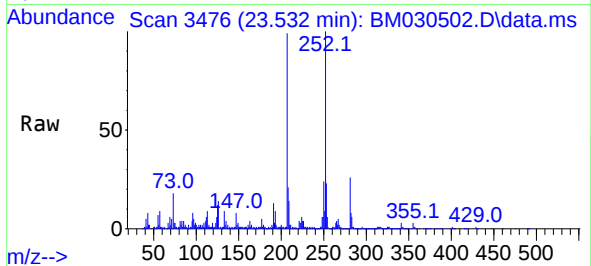
Tgt Ion:252 Resp: 110975
Ion Ratio Lower Upper
252 100
253 25.3 17.9 26.9
125 23.1 8.4 12.6#





#93
Benzo(a)pyrene
Concen: 5.819 ng/u1
RT: 23.532 min Scan# 3476
Delta R.T. -0.000 min
Lab File: BM030502.D
Acq: 21 Jun 2021 13:05

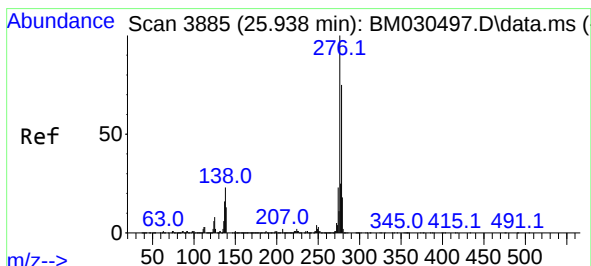
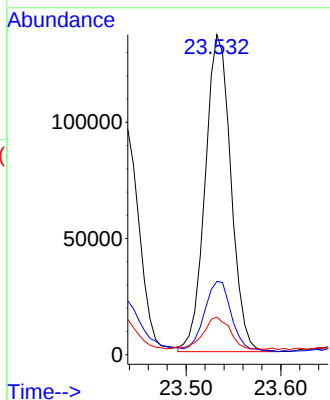
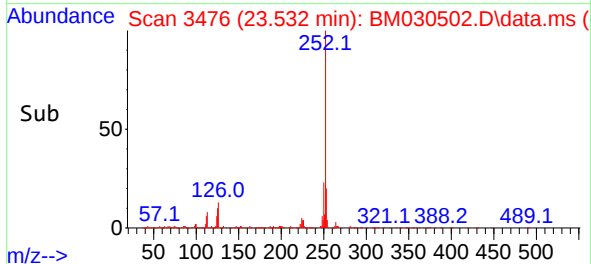
Instrument :
BNA_M
ClientSampled :
BG5H9



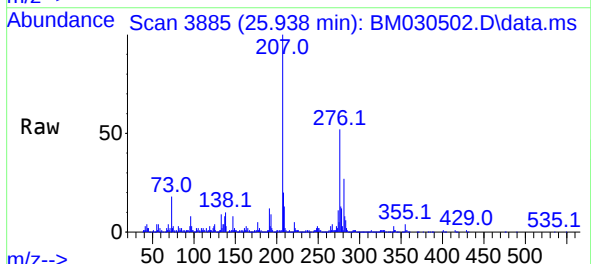
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Ion Ratio Lower Upper
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253 22.9 17.8 26.8
125 11.7 9.5 14.3

Manual Integrations
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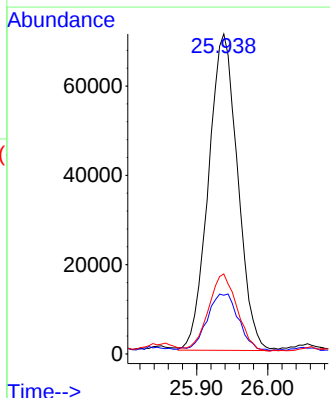
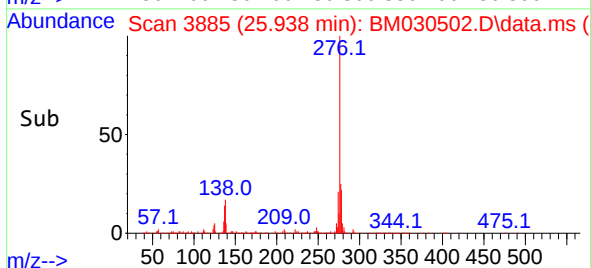
mohammad
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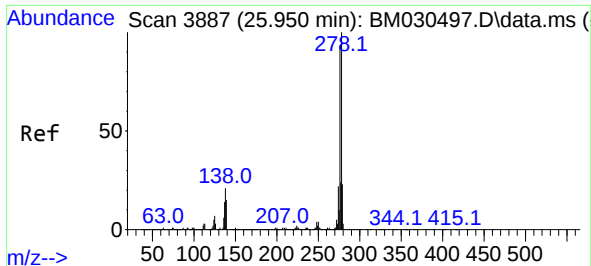


#94
Indeno(1,2,3-cd)pyrene
Concen: 3.720 ng/u1
RT: 25.938 min Scan# 3885
Delta R.T. -0.000 min
Lab File: BM030502.D
Acq: 21 Jun 2021 13:05



Tgt Ion:276 Resp: 202377
Ion Ratio Lower Upper
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138 24.1 21.8 32.6
277 25.0 20.3 30.5





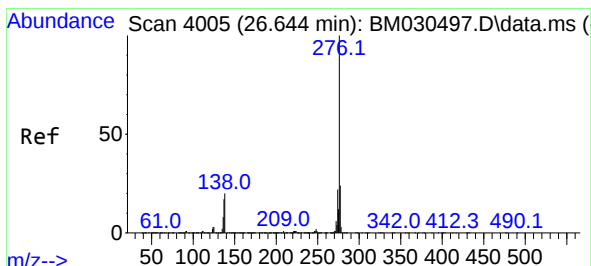
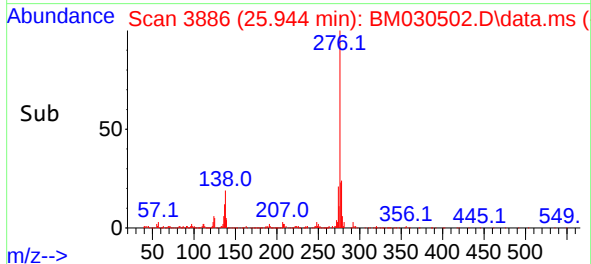
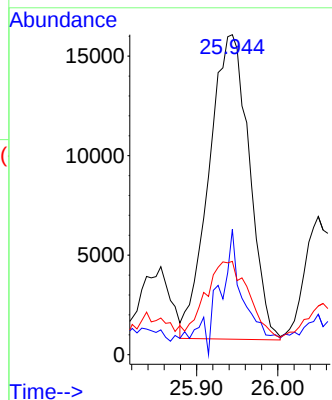
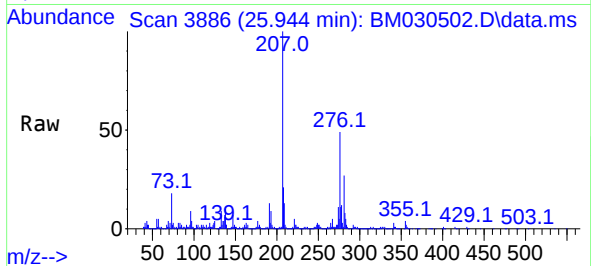
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Dibenzo(a,h)anthracene
Concen: 1.150 ng/ul
RT: 25.944 min Scan# 3886
Delta R.T. -0.006 min
Lab File: BM030502.D
Acq: 21 Jun 2021 13:05

Tgt Ion:278 Resp: 52667
Ion Ratio Lower Upper
278 100
139 39.1 13.4 20.2#
279 29.1 18.6 28.0#

Instrument :
BNA_M
ClientSampled :
BG5H9

Manual Integrations
APPROVED

mohammad
6/22/2021 8:16:13 AM



#96
Benzo(g,h,i)perylene
Concen: 4.005 ng/ul
RT: 26.644 min Scan# 4005
Delta R.T. -0.000 min
Lab File: BM030502.D
Acq: 21 Jun 2021 13:05

Tgt Ion:276 Resp: 179045
Ion Ratio Lower Upper
276 100
138 19.7 18.7 28.1
277 23.6 18.6 28.0

