

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062121\
 Data File : BM030501.D
 Acq On : 21 Jun 2021 12:28
 Operator : CG/JU
 Sample : M2649-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BG5H8

Manual Integrations
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mohammad
 6/22/2021 8:16:10 AM

Quant Time: Jun 21 13:01:23 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	212998	20.000	ng/ul	0.00
20) Naphthalene-d8	10.610	136	784708	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.445	164	457833	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.186	188	891731	20.000	ng/ul	0.00
79) Chrysene-d12	21.356	240	902481	20.000	ng/ul	0.00
88) Perylene-d12	23.638	264	952248	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.334	96	14619	2.621	ng/uL	0.00
4) Pyridine-d5	3.769	84	91984	6.276	ng/ul	0.02
7) Phenol-d5	6.998	99	286023	15.451	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.157	67	187119	15.661	ng/ul	0.00
11) 2-Chlorophenol-d4	7.363	132	244945	18.296	ng/ul	0.00
15) 4-Methylphenol-d8	8.528	113	208142	14.078	ng/ul	0.00
21) Nitrobenzene-d5	8.981	128	106859	19.894	ng/ul	0.00
24) 2-Nitrophenol-d4	9.698	143	116193	21.780	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.233	165	216758	18.653	ng/ul	0.00
31) 4-Chloroaniline-d4	10.751	131	197486	11.117	ng/ul	0.00
46) Dimethylphthalate-d6	13.857	166	617090	19.641	ng/ul	0.00
49) Acenaphthylene-d8	14.139	160	776214	19.776	ng/ul	0.00
54) 4-Nitrophenol-d4	14.651	143	69006	11.734	ng/ul	0.00
60) Fluorene-d10	15.439	176	544816	19.369	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.557	200	72669	14.118	ng/ul	0.00
73) Anthracene-d10	17.286	188	823609	20.307	ng/ul	0.00
81) Pyrene-d10	19.574	212	953188	20.179	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.491	264	1014293	21.361	ng/ul	0.00
Target Compounds						
					Qvalue	
30) Naphthalene	10.657	128	50624	1.273	ng/ul	99
47) Dimethylphthalate	13.904	163	170954	5.570	ng/ul	100
50) Acenaphthylene	14.168	152	142094	3.790	ng/ul	98
52) Acenaphthene	14.510	153	34116	1.225	ng/ul	99
56) Dibenzofuran	14.845	168	67299	1.737	ng/ul	100
61) Fluorene	15.492	166	64340	1.978	ng/ul	99
72) Phenanthrene	17.227	178	1306795	27.103	ng/ul	99
74) Anthracene	17.315	178	294004	6.042	ng/ul	99
77) Carbazole	17.586	167	70372	1.628	ng/ul	94
80) Fluoranthene	19.239	202	2774548	47.802	ng/ul	100
82) Pyrene	19.603	202	2205089	35.924	ng/ul	96
85) Benzo(a)anthracene	21.344	228	1403515m	25.738	ng/ul	
86) Bis(2-ethylhexyl)phtha...	21.268	149	166402	5.694	ng/ul	99
87) Chrysene	21.392	228	1212621	22.553	ng/ul	98
90) Benzo(b)fluoranthene	22.950	252	1596732	26.086	ng/ul	99
91) Benzo(k)fluoranthene	22.991	252	550029m	9.407	ng/ul	
93) Benzo(a)pyrene	23.538	252	1052176	19.666	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	25.938	276	664355	10.090	ng/ul#	91
95) Dibenzo(a,h)anthracene	25.944	278	188002	3.391	ng/ul#	78
96) Benzo(g,h,i)perylene	26.650	276	493122	9.113	ng/ul	97

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

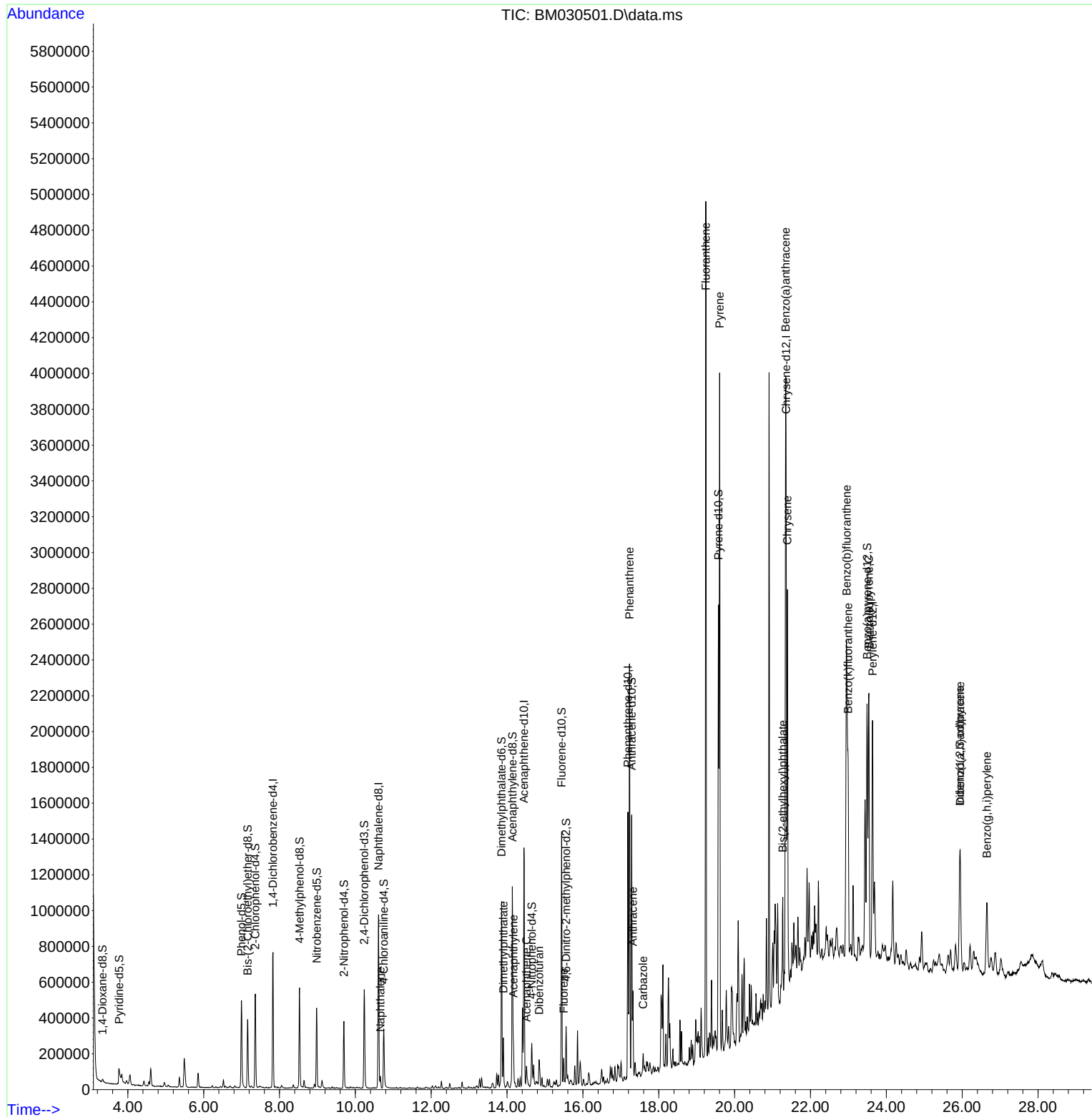
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062121\
Data File : BM030501.D
Acq On : 21 Jun 2021 12:28
Operator : CG/JU
Sample : M2649-01
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ALS Vial : 6 Sample Multiplier: 1

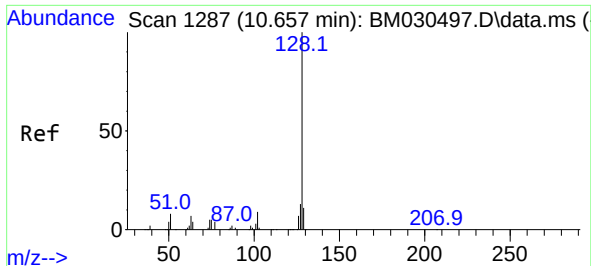
Instrument :
BNA_M
ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM060621.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jun 21 10:48:13 2021
Response via : Initial Calibration





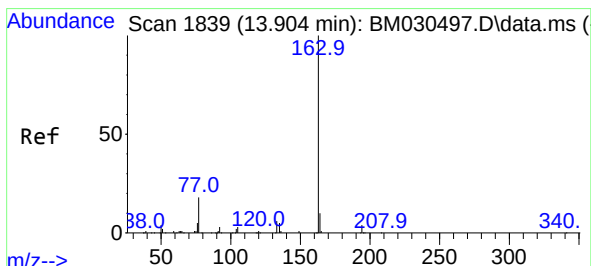
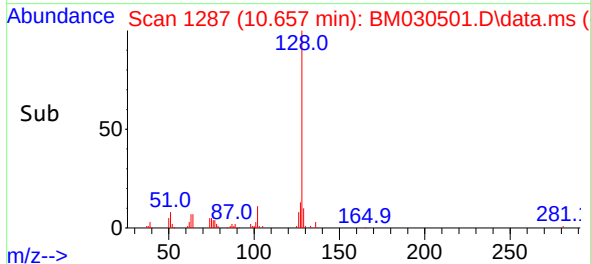
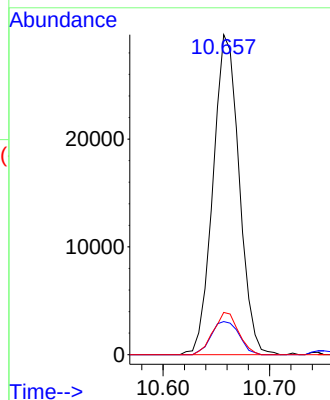
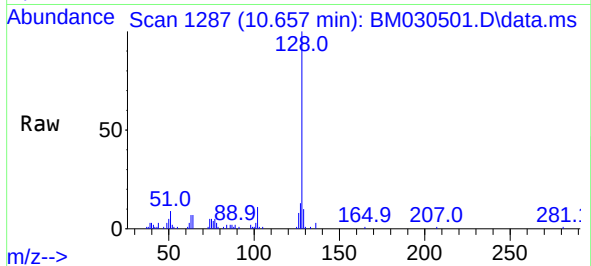
#30
Naphthalene
Concen: 1.273 ng/ul
RT: 10.657 min Scan# 1287
Delta R.T. -0.000 min
Lab File: BM030501.D
Acq: 21 Jun 2021 12:28

Tgt Ion:	128	Resp:	50624
Ion	Ratio	Lower	Upper
128	100		
129	10.4	8.6	13.0
127	13.2	10.2	15.2

Instrument :
BNA_M
ClientSampleId :
BG5H8

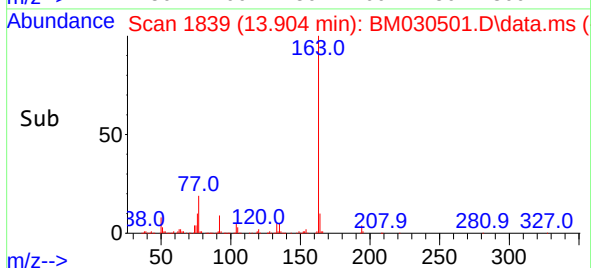
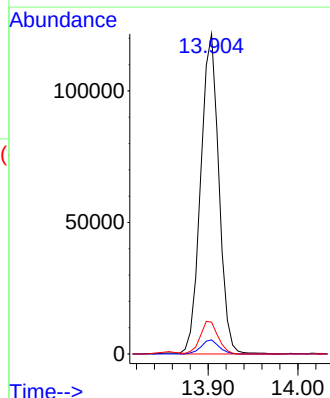
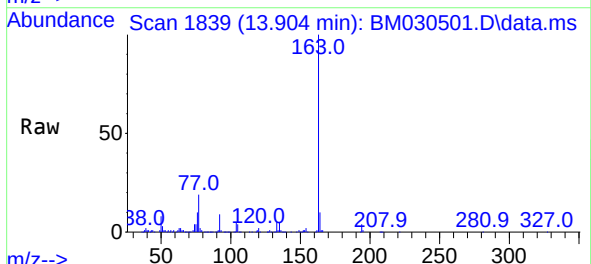
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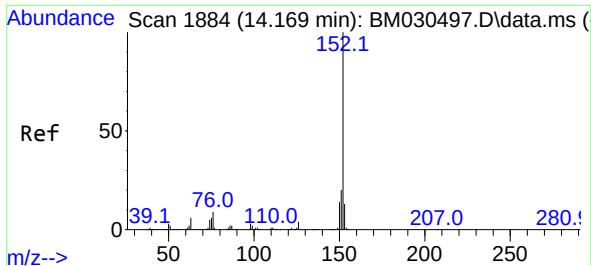
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#47
Dimethylphthalate
Concen: 5.570 ng/ul
RT: 13.904 min Scan# 1839
Delta R.T. -0.000 min
Lab File: BM030501.D
Acq: 21 Jun 2021 12:28

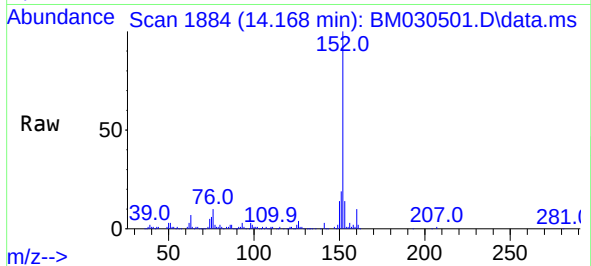
Tgt Ion:	163	Resp:	170954
Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.2	4.8
164	10.0	8.0	12.0





#50
Acenaphthylene
Concen: 3.790 ng/ul
RT: 14.168 min Scan# 1884
Delta R.T. -0.000 min
Lab File: BM030501.D
Acq: 21 Jun 2021 12:28

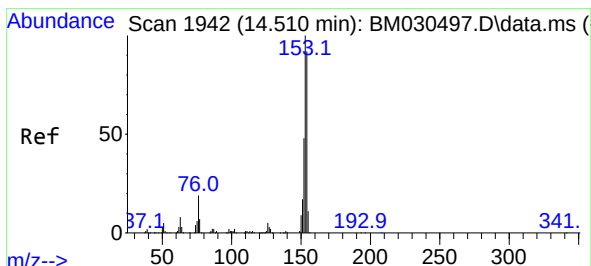
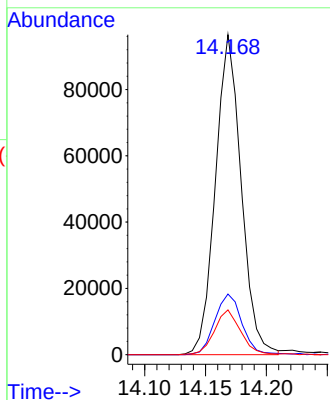
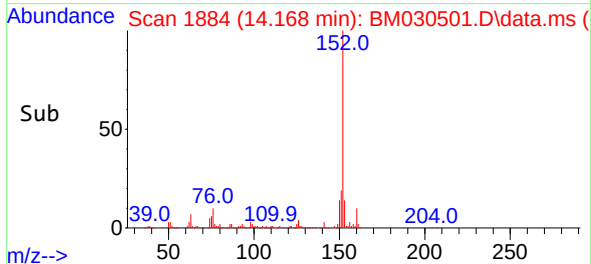
Instrument :
BNA_M
ClientSampled :
BG5H8



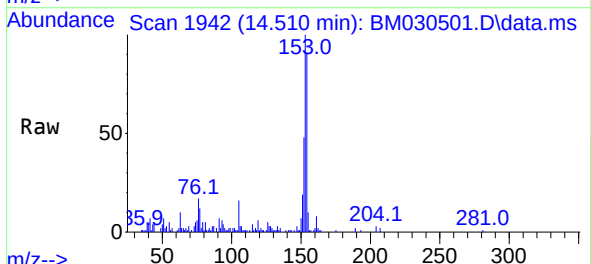
Tgt Ion:152 Resp: 142094
Ion Ratio Lower Upper
152 100
151 18.9 15.9 23.9
153 14.0 10.5 15.7

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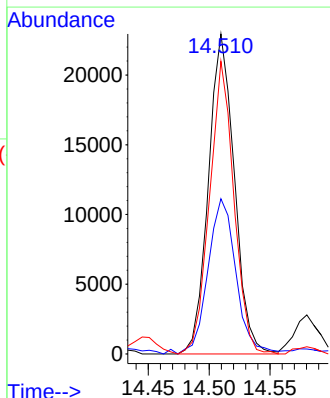
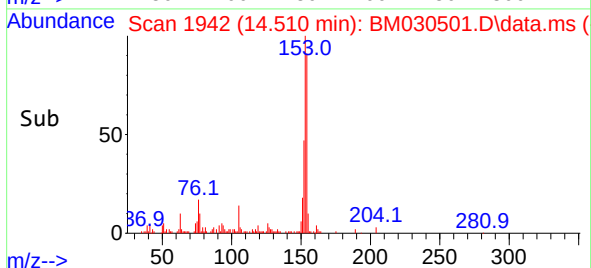
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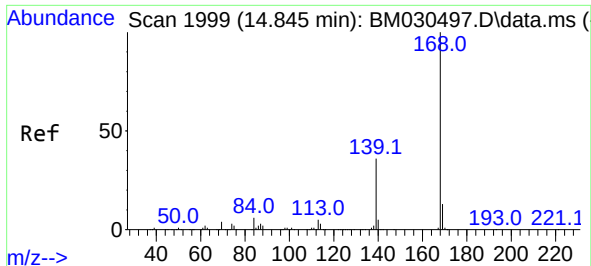


#52
Acenaphthene
Concen: 1.225 ng/ul
RT: 14.510 min Scan# 1942
Delta R.T. -0.000 min
Lab File: BM030501.D
Acq: 21 Jun 2021 12:28



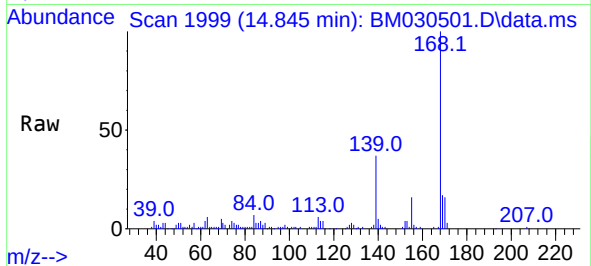
Tgt Ion:153 Resp: 34116
Ion Ratio Lower Upper
153 100
152 48.5 39.0 58.4
154 91.5 71.7 107.5





#56
Dibenzenofuran
Concen: 1.737 ng/ul
RT: 14.845 min Scan# 1999
Delta R.T. -0.000 min
Lab File: BM030501.D
Acq: 21 Jun 2021 12:28

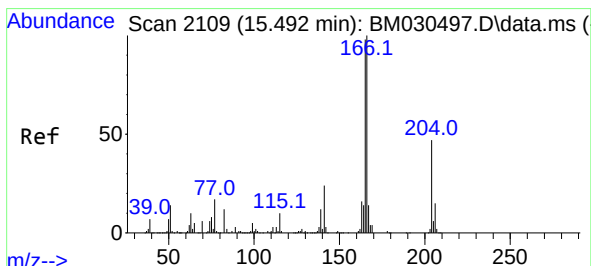
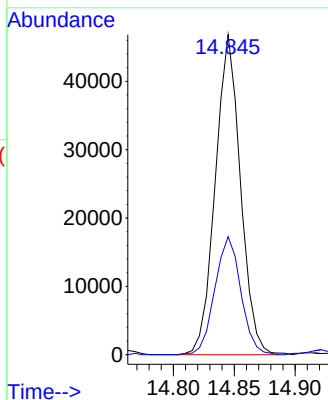
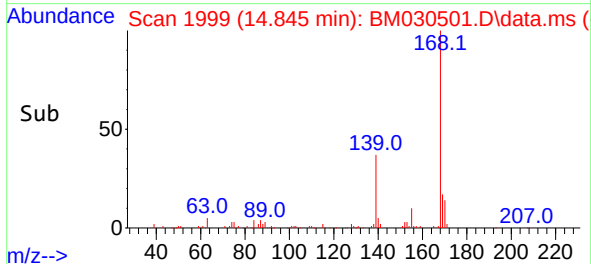
Instrument :
BNA_M
ClientSampled :
BG5H8



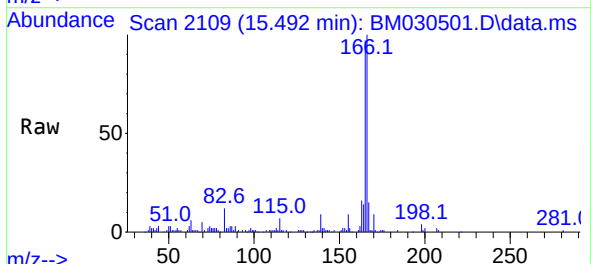
Tgt Ion:168 Resp: 67299
Ion Ratio Lower Upper
168 100
139 36.9 29.4 44.0

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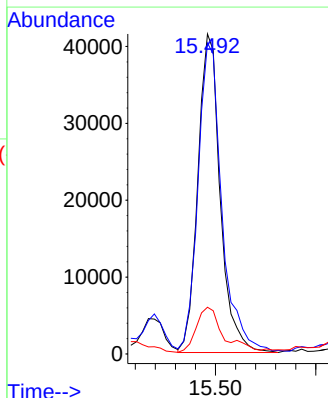
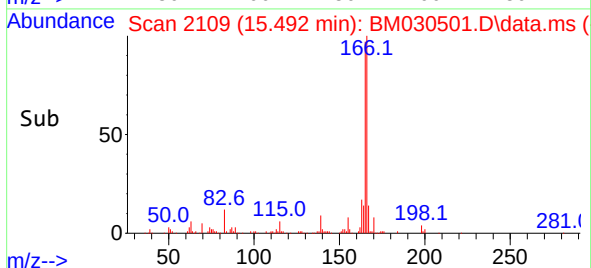
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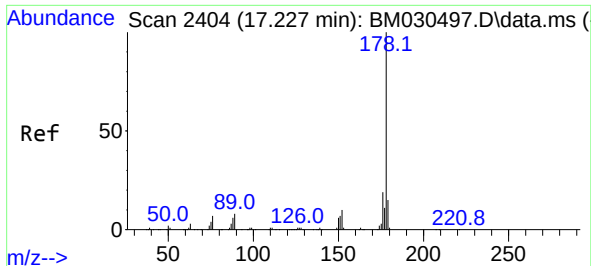


#61
Fluorene
Concen: 1.978 ng/ul
RT: 15.492 min Scan# 2109
Delta R.T. -0.000 min
Lab File: BM030501.D
Acq: 21 Jun 2021 12:28

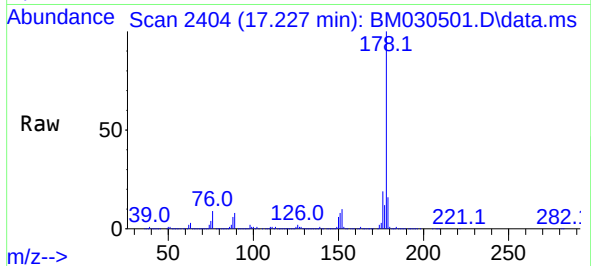


Tgt Ion:166 Resp: 64340
Ion Ratio Lower Upper
166 100
165 97.2 77.0 115.6
167 14.6 10.5 15.7

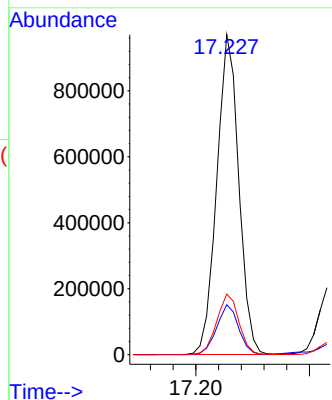




#72
Phenanthrene
Concen: 27.103 ng/u1
RT: 17.227 min Scan# 2404
Delta R.T. -0.000 min
Lab File: BM030501.D
Acq: 21 Jun 2021 12:28



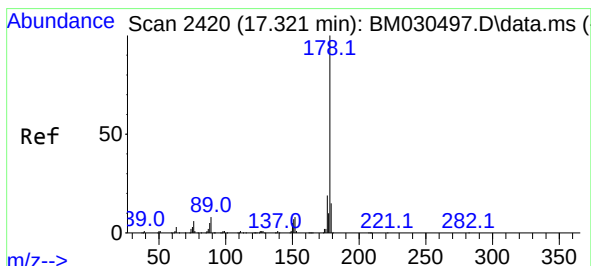
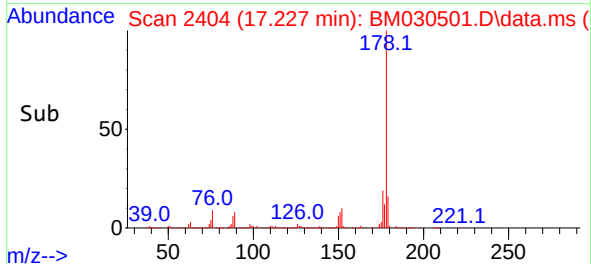
Tgt Ion:178 Resp: 1306795
Ion Ratio Lower Upper
178 100
179 15.6 12.2 18.2
176 19.0 15.0 22.6



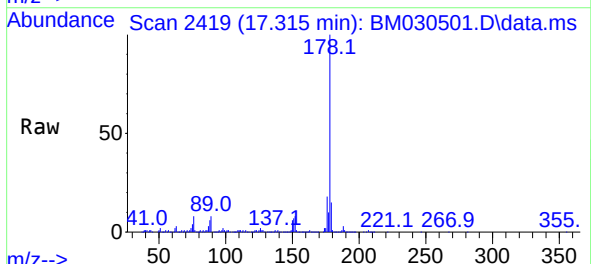
Instrument :
BNA_M
ClientSampled :
BG5H8

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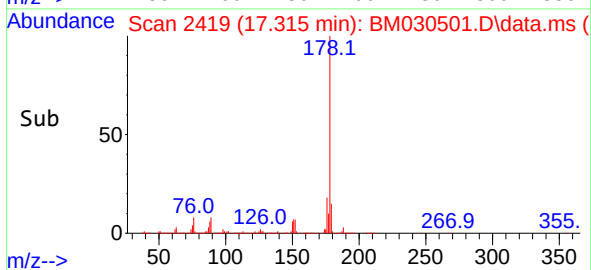
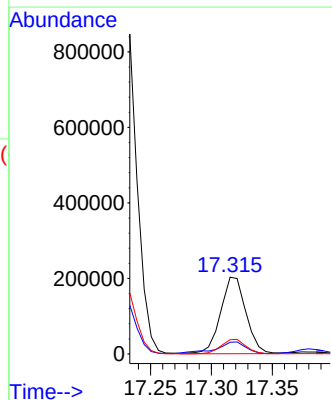
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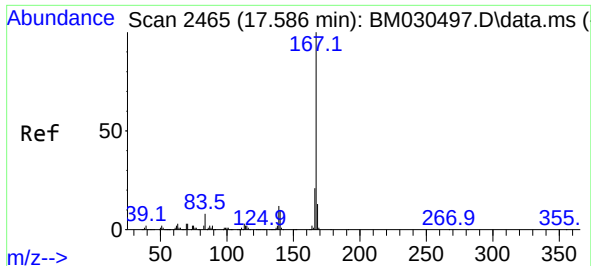


#74
Anthracene
Concen: 6.042 ng/u1
RT: 17.315 min Scan# 2419
Delta R.T. -0.006 min
Lab File: BM030501.D
Acq: 21 Jun 2021 12:28



Tgt Ion:178 Resp: 294004
Ion Ratio Lower Upper
178 100
179 15.3 12.5 18.7
176 18.5 15.0 22.4





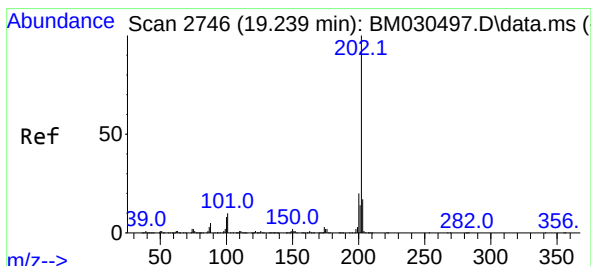
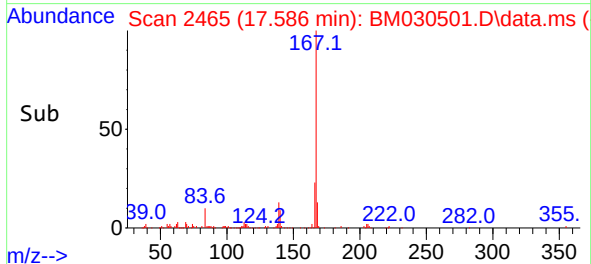
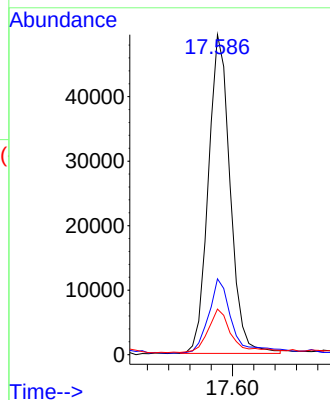
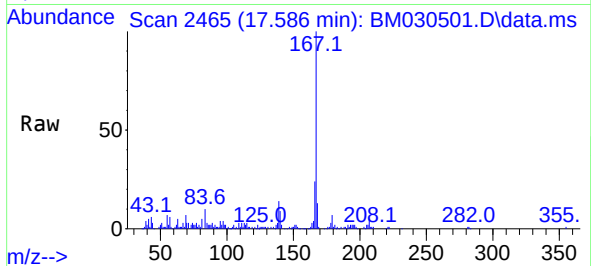
#77
 Carbazole
 Concen: 1.628 ng/ul
 RT: 17.586 min Scan# 2465
 Delta R.T. -0.000 min
 Lab File: BM030501.D
 Acq: 21 Jun 2021 12:28

Tgt Ion:167	Resp:	70372
Ion Ratio	Lower	Upper
167	100	
166	23.7	16.7 25.1
139	14.3	9.8 14.8

Instrument :
 BNA_M
 ClientSampled :
 BG5H8

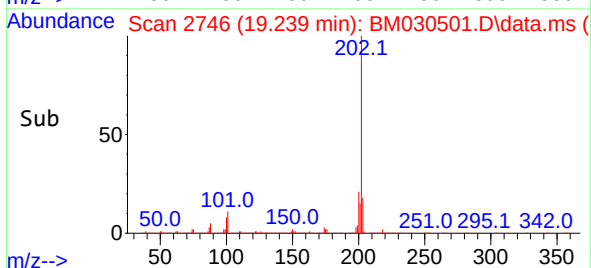
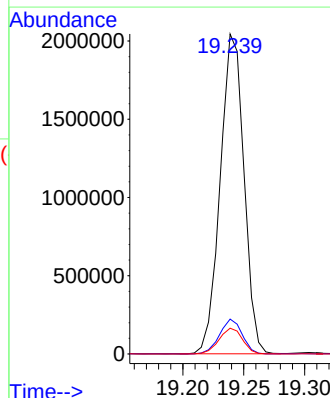
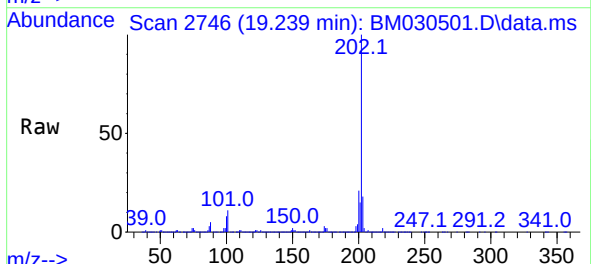
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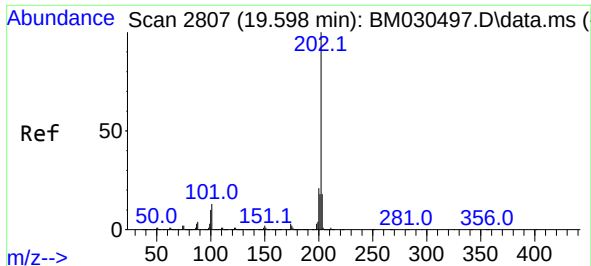
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#80
 Fluoranthene
 Concen: 47.802 ng/ul
 RT: 19.239 min Scan# 2746
 Delta R.T. -0.000 min
 Lab File: BM030501.D
 Acq: 21 Jun 2021 12:28

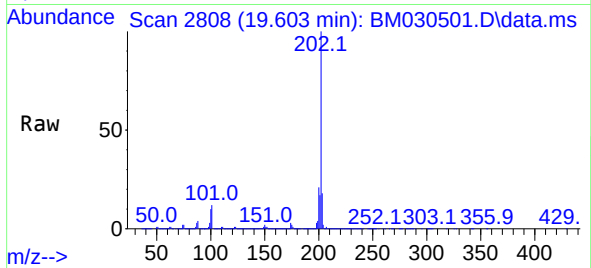
Tgt Ion:202	Resp:	2774548
Ion Ratio	Lower	Upper
202	100	
101	10.9	8.7 13.1
100	8.1	6.6 10.0





#82
 Pyrene
 Concen: 35.924 ng/ul
 RT: 19.603 min Scan# 2808
 Delta R.T. 0.006 min
 Lab File: BM030501.D
 Acq: 21 Jun 2021 12:28

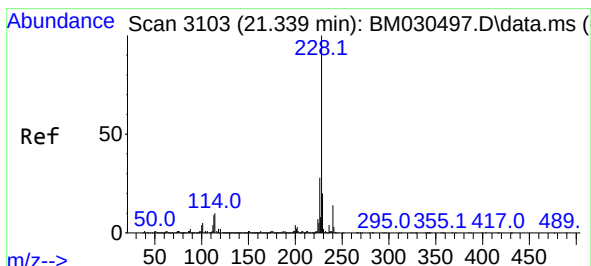
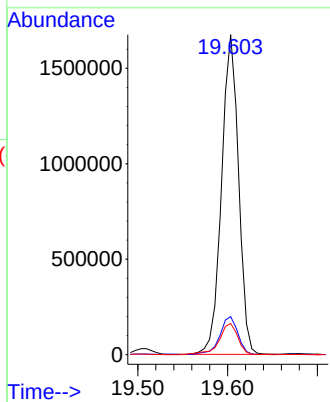
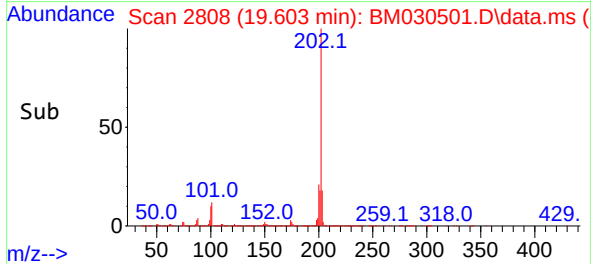
Instrument :
 BNA_M
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 BG5H8



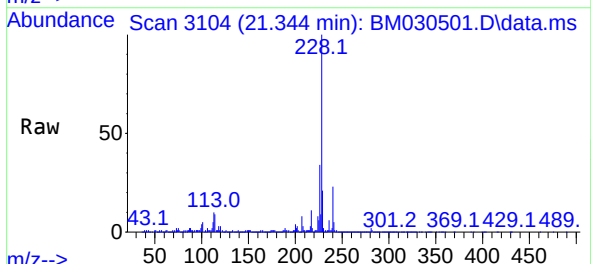
Tgt Ion:202 Resp: 2205089
 Ion Ratio Lower Upper
 202 100
 101 11.9 10.8 16.2
 100 9.8 9.1 13.7

Manual Integrations
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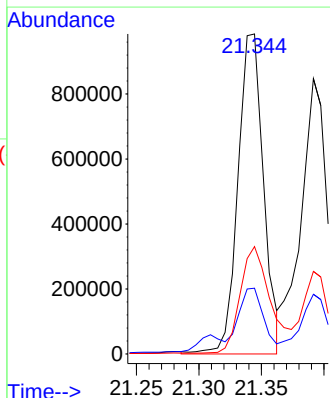
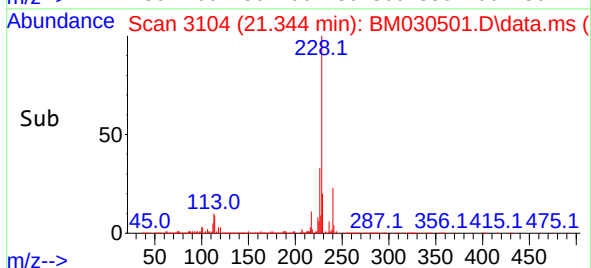
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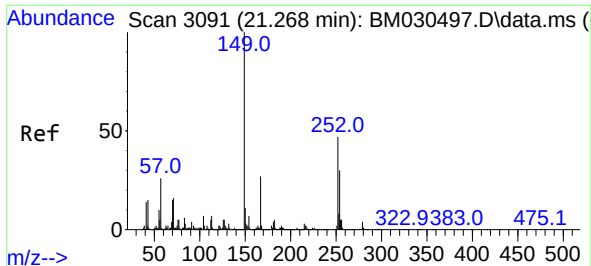


#85
 Benzo(a)anthracene
 Concen: 25.738 ng/ul m
 RT: 21.344 min Scan# 3104
 Delta R.T. 0.006 min
 Lab File: BM030501.D
 Acq: 21 Jun 2021 12:28



Tgt Ion:228 Resp: 1403515
 Ion Ratio Lower Upper
 228 100
 229 20.6 15.6 23.4
 226 33.6 22.2 33.2#





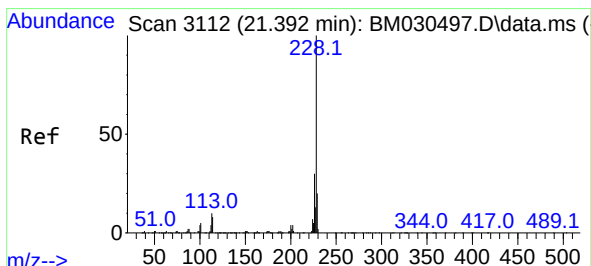
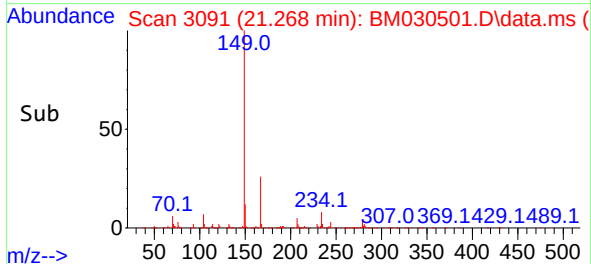
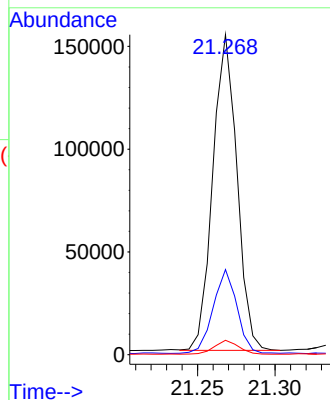
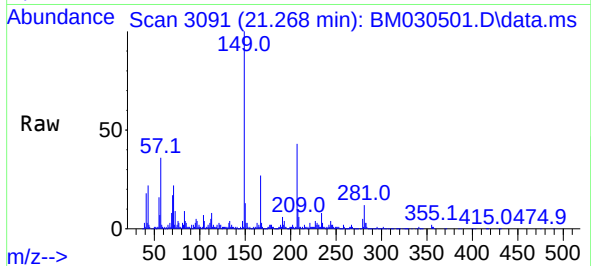
#86
Bis(2-ethylhexyl)phthalate
Concen: 5.694 ng/ul
RT: 21.268 min Scan# 3091
Delta R.T. -0.000 min
Lab File: BM030501.D
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Tgt Ion:149 Resp: 166402
Ion Ratio Lower Upper
149 100
167 26.6 20.9 31.3
279 4.5 3.0 4.6

Instrument :
BNA_M
ClientSampled :
BG5H8

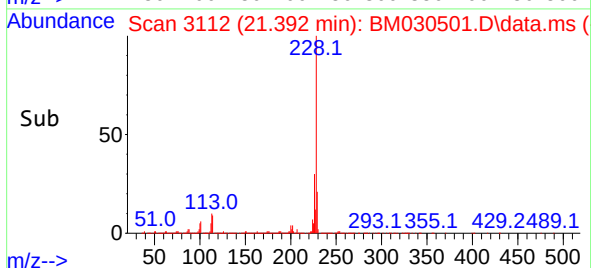
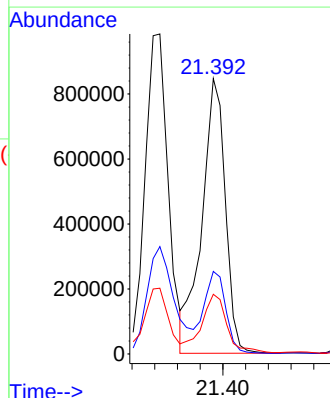
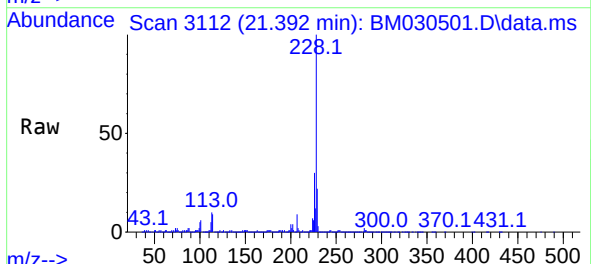
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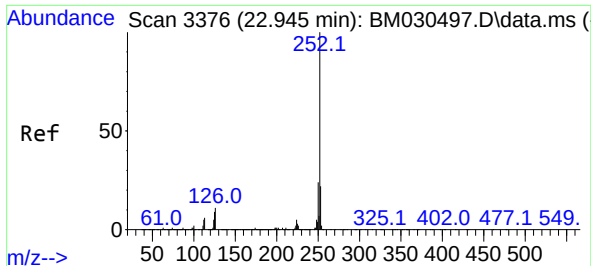
mohammad
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#87
Chrysene
Concen: 22.553 ng/ul
RT: 21.392 min Scan# 3112
Delta R.T. -0.000 min
Lab File: BM030501.D
Acq: 21 Jun 2021 12:28

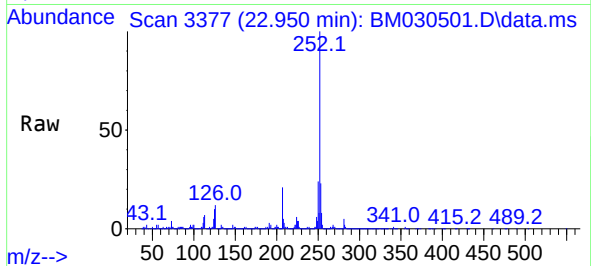
Tgt Ion:228 Resp: 1212621
Ion Ratio Lower Upper
228 100
226 30.0 24.2 36.2
229 21.7 15.8 23.6





#90
Benzo(b)fluoranthene
Concen: 26.086 ng/ul
RT: 22.950 min Scan# 3377
Delta R.T. 0.006 min
Lab File: BM030501.D
Acq: 21 Jun 2021 12:28

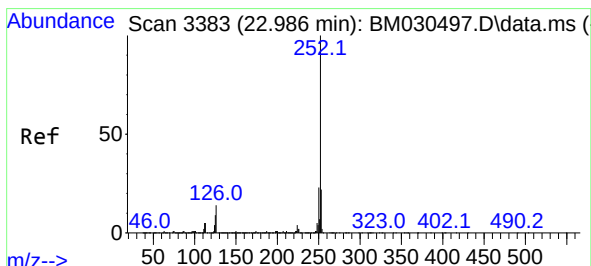
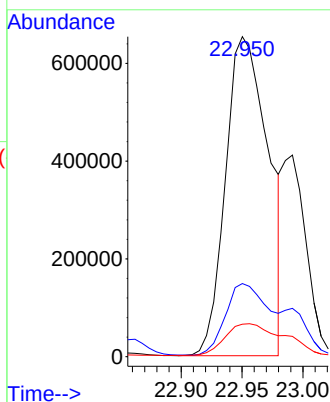
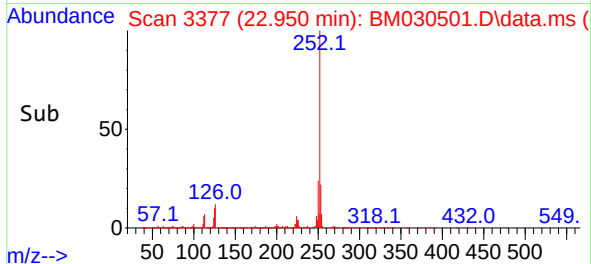
Instrument :
BNA_M
ClientSampled :
BG5H8



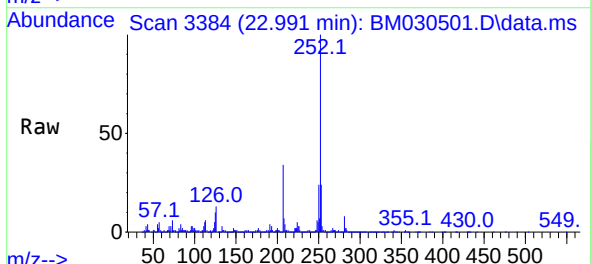
Tgt Ion:252 Resp: 1596732
Ion Ratio Lower Upper
252 100
253 22.8 18.0 27.0
125 10.2 8.6 13.0

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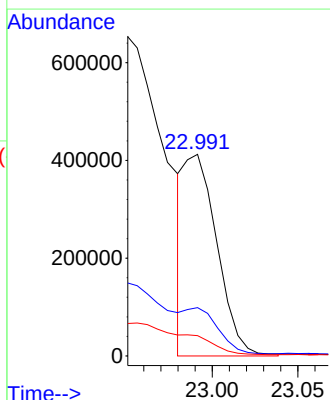
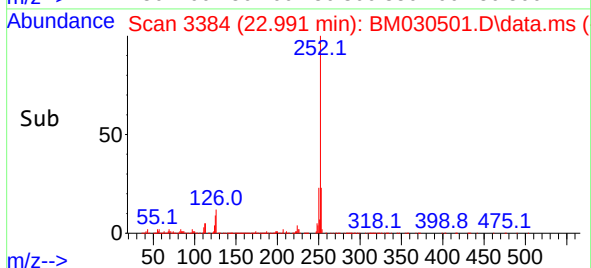
mohammad
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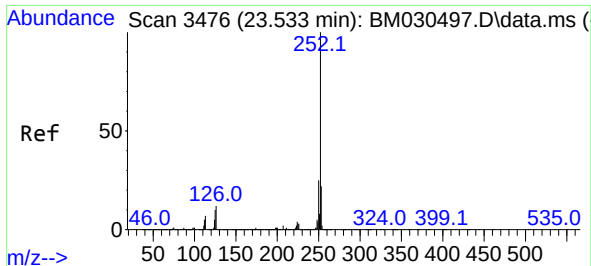


#91
Benzo(k)fluoranthene
Concen: 9.407 ng/ul m
RT: 22.991 min Scan# 3384
Delta R.T. 0.006 min
Lab File: BM030501.D
Acq: 21 Jun 2021 12:28



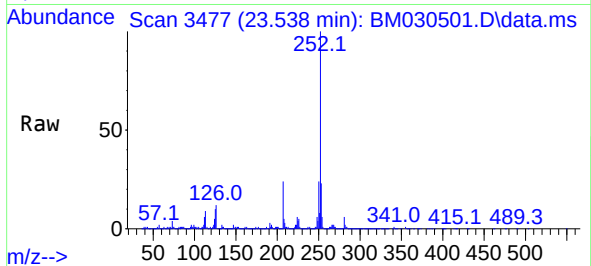
Tgt Ion:252 Resp: 550029
Ion Ratio Lower Upper
252 100
253 24.0 17.9 26.9
125 10.1 8.4 12.6





#93
Benzo(a)pyrene
Concen: 19.666 ng/ul
RT: 23.538 min Scan# 3477
Delta R.T. 0.006 min
Lab File: BM030501.D
Acq: 21 Jun 2021 12:28

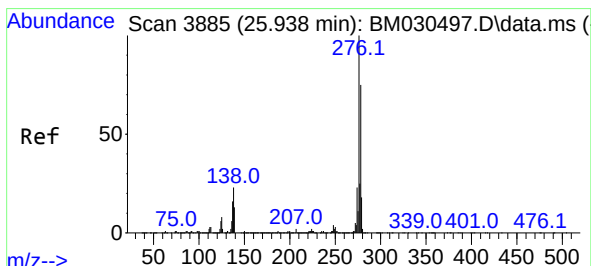
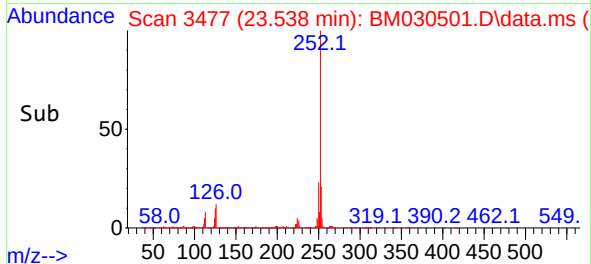
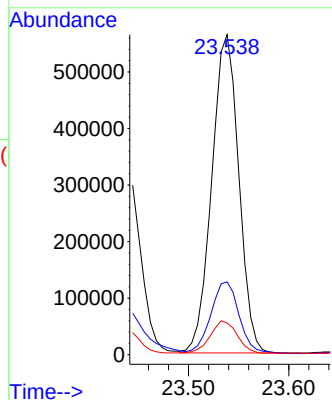
Instrument :
BNA_M
ClientSampled :
BG5H8



Tgt Ion:252 Resp: 1052176
Ion Ratio Lower Upper
252 100
253 22.8 17.8 26.8
125 9.9 9.5 14.3

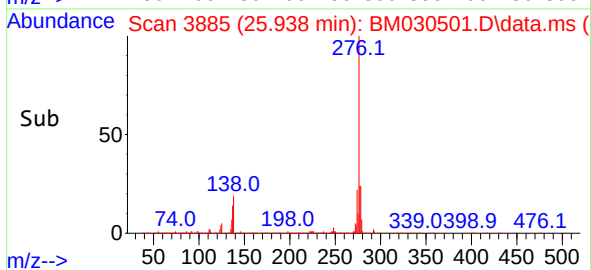
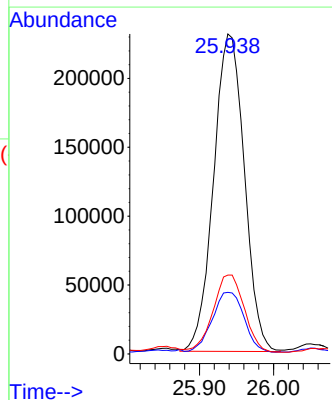
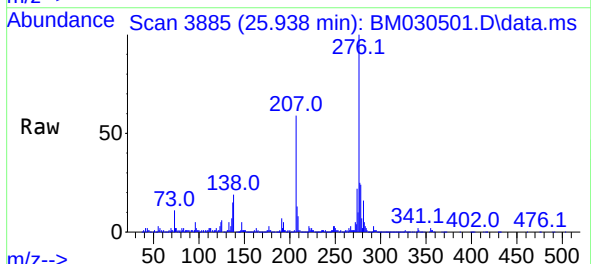
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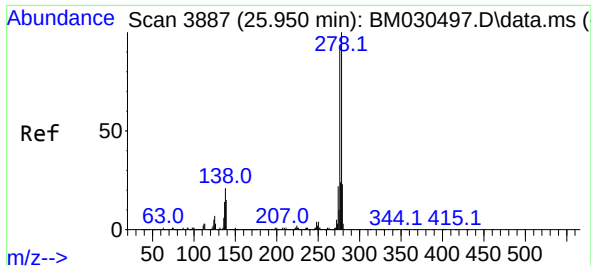
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#94
Indeno(1,2,3-cd)pyrene
Concen: 10.090 ng/ul
RT: 25.938 min Scan# 3885
Delta R.T. -0.000 min
Lab File: BM030501.D
Acq: 21 Jun 2021 12:28

Tgt Ion:276 Resp: 664355
Ion Ratio Lower Upper
276 100
138 19.2 21.8 32.6#
277 24.6 20.3 30.5





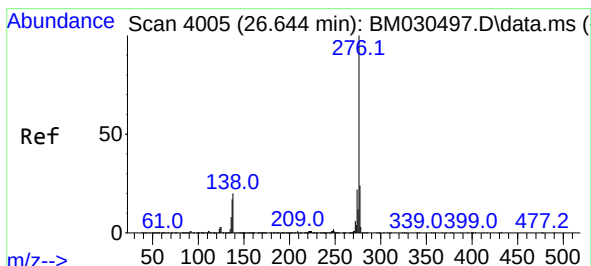
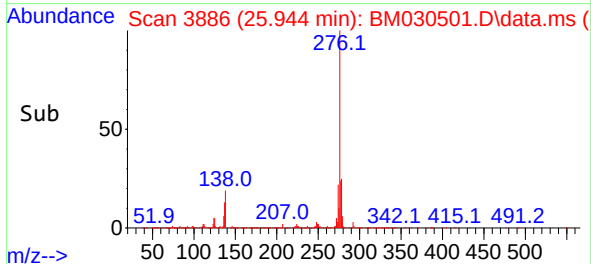
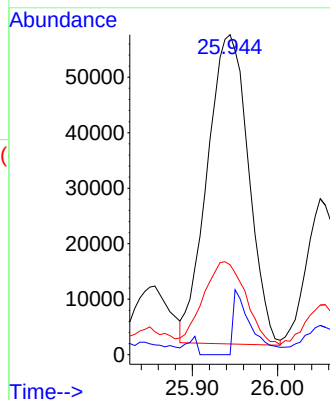
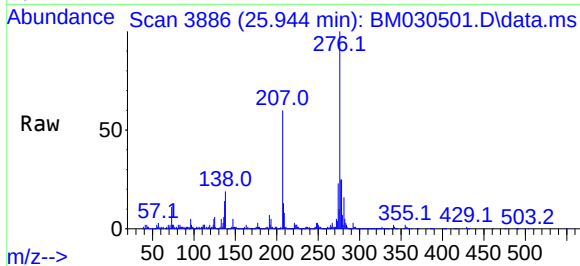
#95
Dibenzo(a,h)anthracene
Concen: 3.391 ng/ul
RT: 25.944 min Scan# 3886
Delta R.T. -0.006 min
Lab File: BM030501.D
Acq: 21 Jun 2021 12:28

Tgt Ion:278 Resp: 188002
Ion Ratio Lower Upper
278 100
139 0.0 13.4 20.2#
279 28.1 18.6 28.0#

Instrument :
BNA_M
ClientSampled :
BG5H8

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6/22/2021 8:16:10 AM



#96
Benzo(g,h,i)perylene
Concen: 9.113 ng/ul
RT: 26.650 min Scan# 4006
Delta R.T. 0.006 min
Lab File: BM030501.D
Acq: 21 Jun 2021 12:28

Tgt Ion:276 Resp: 493122
Ion Ratio Lower Upper
276 100
138 20.7 18.7 28.1
277 23.9 18.6 28.0

