

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062221\
 Data File : BM030552.D
 Acq On : 23 Jun 2021 14:25
 Operator : CG/JU
 Sample : M2662-08DL 2X
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BGDB2DL

Manual Integrations
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Quant Time: Jun 23 15:00:43 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM062221.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jun 22 15:07:37 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.805	152	184021	20.000	ng/u1	0.00
20) Naphthalene-d8	10.593	136	769784	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.434	164	488188	20.000	ng/u1	-0.01
64) Phenanthrene-d10	17.175	188	928767	20.000	ng/u1	0.00
79) Chrysene-d12	21.345	240	717815	20.000	ng/u1	0.00
88) Perylene-d12	23.609	264	741485	20.000	ng/u1	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.281	96	7989	1.760	ng/uL	0.00
4) Pyridine-d5	3.717	84	59672	4.893	ng/u1	0.02
7) Phenol-d5	6.975	99	137611	8.671	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.140	67	91136	9.136	ng/u1	0.00
11) 2-Chlorophenol-d4	7.340	132	115444	9.424	ng/u1	0.00
15) 4-Methylphenol-d8	8.510	113	113033	9.152	ng/u1	0.00
21) Nitrobenzene-d5	8.963	128	51216	8.916	ng/u1	0.00
24) 2-Nitrophenol-d4	9.681	143	54376	8.518	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.216	165	108667	8.886	ng/u1	0.00
31) 4-Chloroaniline-d4	10.734	131	114942	6.740	ng/u1	0.00
46) Dimethylphthalate-d6	13.845	166	339321	10.066	ng/u1	0.00
49) Acenaphthylene-d8	14.128	160	405523	9.268	ng/u1	0.00
54) 4-Nitrophenol-d4	14.645	143	16643	2.606	ng/u1	0.00
60) Fluorene-d10	15.428	176	297143	9.939	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.551	200	15231	2.507	ng/u1	0.00
73) Anthracene-d10	17.275	188	422538	9.748	ng/u1	0.00
81) Pyrene-d10	19.557	212	235365	6.258	ng/u1	-0.01
92) Benzo(a)pyrene-d12	23.462	264	116735	3.028	ng/u1	-0.02
Target Compounds					Qvalue	
50) Acenaphthylene	14.157	152	141391	3.484	ng/u1	98
52) Acenaphthene	14.498	153	62620	2.126	ng/u1	98
56) Dibenzofuran	14.834	168	144146	3.510	ng/u1	98
61) Fluorene	15.481	166	269645	7.968	ng/u1	99
72) Phenanthrene	17.216	178	2593004	51.989	ng/u1	99
74) Anthracene	17.304	178	900525	17.659	ng/u1	99
80) Fluoranthene	19.227	202	2959352	64.423	ng/u1	100
82) Pyrene	19.586	202	1158685	24.006	ng/u1	99
85) Benzo(a)anthracene	21.327	228	1141447	25.624	ng/u1	97
86) Bis(2-ethylhexyl)phtha...	21.257	149	51492	2.253	ng/u1#	98
87) Chrysene	21.380	228	825686	19.013	ng/u1	97
90) Benzo(b)fluoranthene	22.933	252	906008	19.246	ng/u1	98
91) Benzo(k)fluoranthene	22.968	252	390632m	8.634	ng/u1	
93) Benzo(a)pyrene	23.515	252	200246	4.731	ng/u1	94
94) Indeno(1,2,3-cd)pyrene	25.909	276	183375	3.441	ng/u1	93
95) Dibenzo(a,h)anthracene	25.909	278	117442	2.659	ng/u1#	89

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

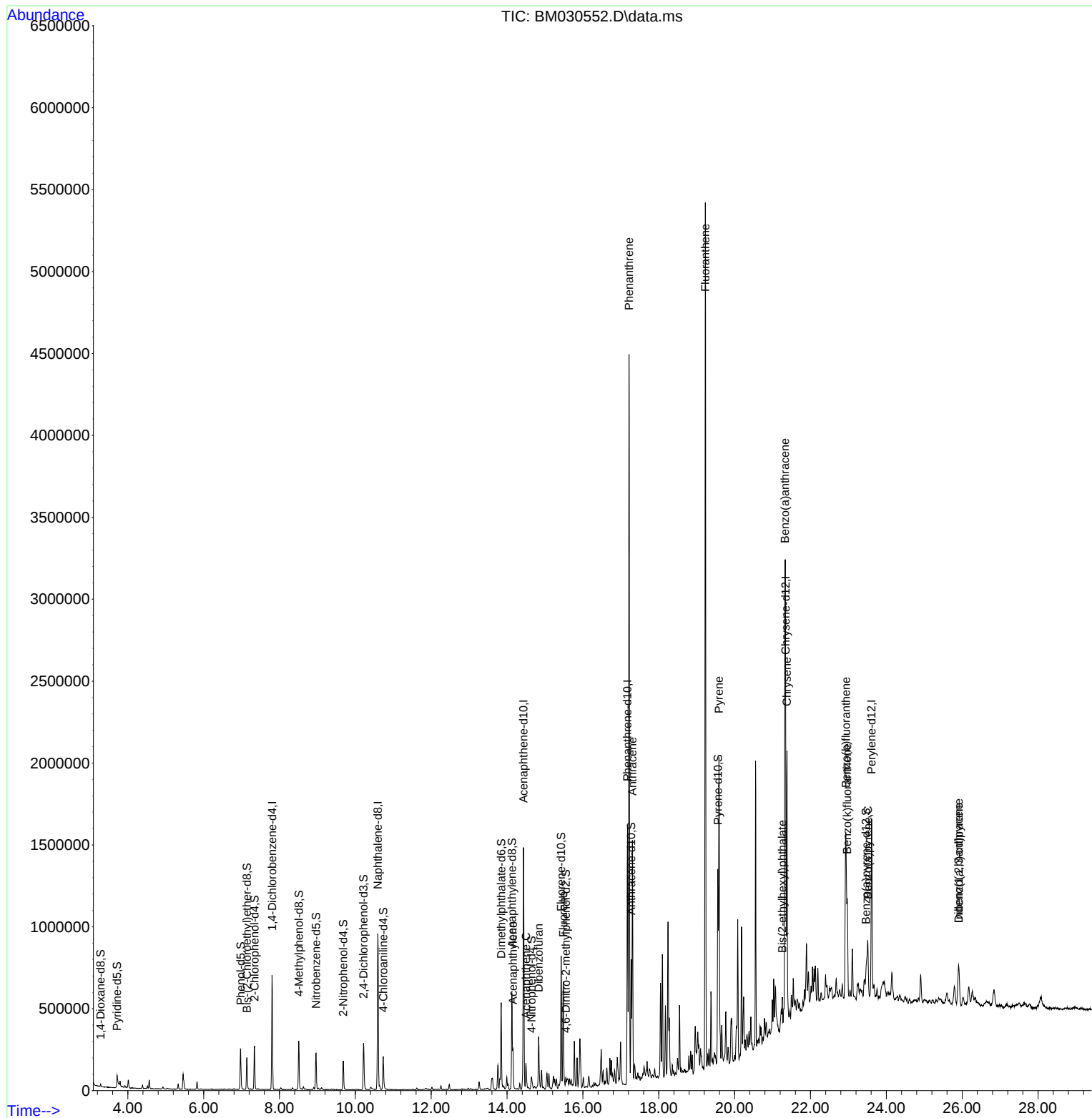
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Data File : BM030552.D
Acq On : 23 Jun 2021 14:25
Operator : CG/JU
Sample : M2662-08DL 2X
Misc :
ALS Vial : 44 Sample Multiplier: 1

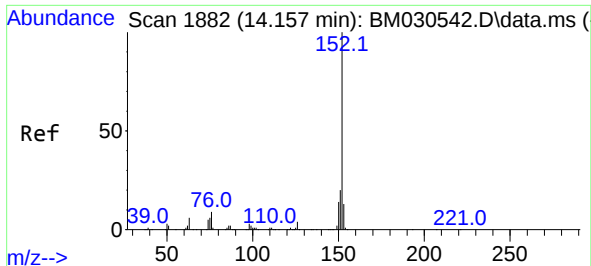
Instrument :
BNA_M
ClientSampleId :
BGDB2DL

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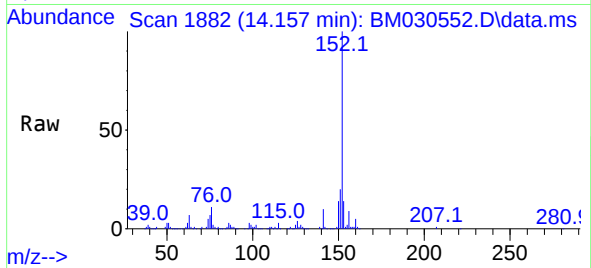
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Quant Time: Jun 23 15:00:43 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM062221.M
Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration

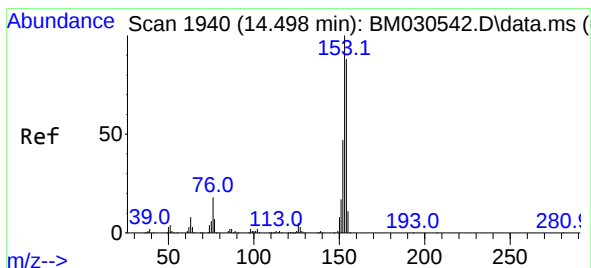
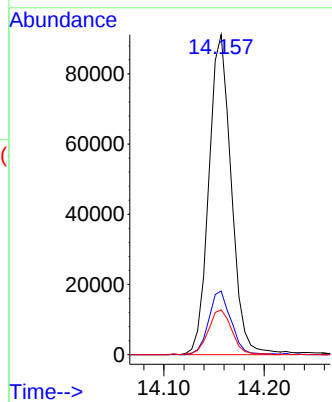
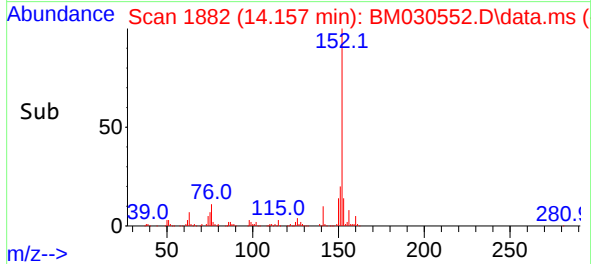




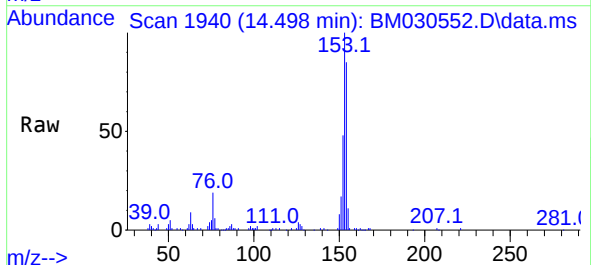
#50
Acenaphthylene
Concen: 3.484 ng/ul
RT: 14.157 min Scan# 1882
Delta R.T. -0.006 min
Lab File: BM030552.D
Acq: 23 Jun 2021 14:25



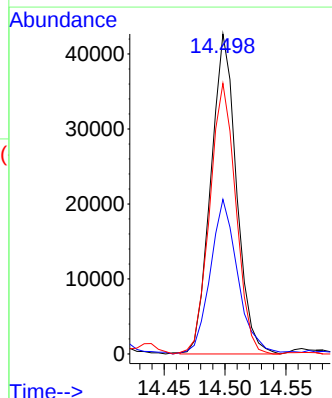
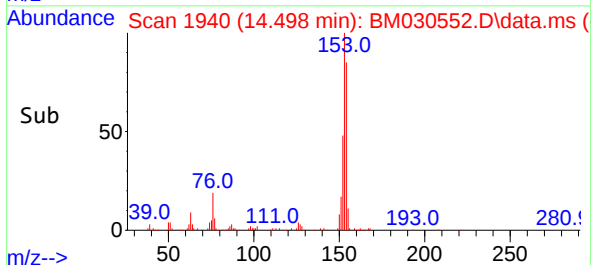
Tgt Ion:152 Resp: 141391
Ion Ratio Lower Upper
152 100
151 19.9 16.2 24.2
153 14.0 10.2 15.4



#52
Acenaphthene
Concen: 2.126 ng/ul
RT: 14.498 min Scan# 1940
Delta R.T. -0.006 min
Lab File: BM030552.D
Acq: 23 Jun 2021 14:25



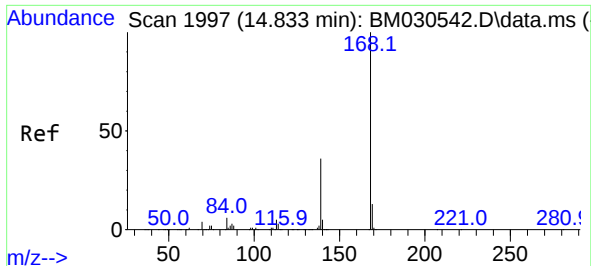
Tgt Ion:153 Resp: 62620
Ion Ratio Lower Upper
153 100
152 48.3 37.4 56.2
154 84.6 69.4 104.0



Instrument :
BNA_M
ClientSampled :
BGDB2DL

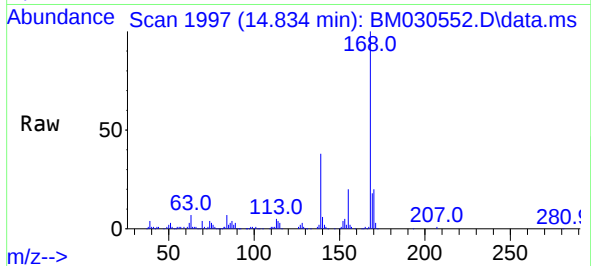
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#56
Dibenzofuran
Concen: 3.510 ng/u1
RT: 14.834 min Scan# 1997
Delta R.T. -0.006 min
Lab File: BM030552.D
Acq: 23 Jun 2021 14:25

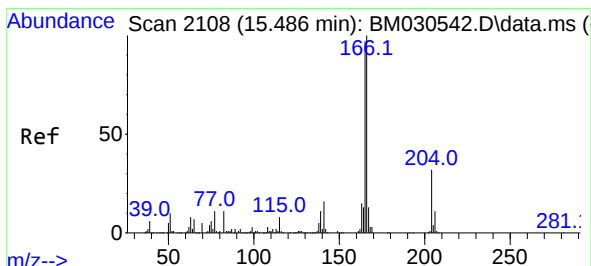
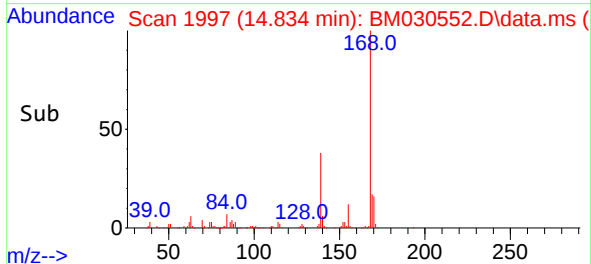
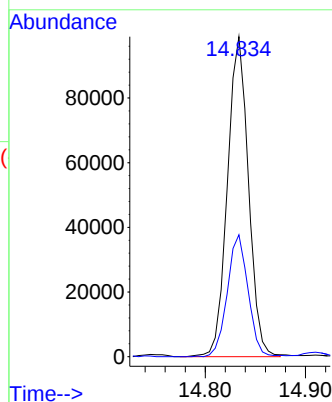
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ClientSampleID :
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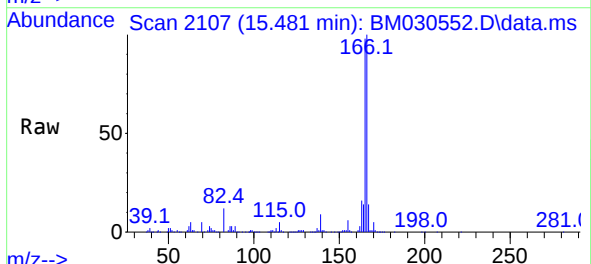
Tgt Ion:168 Resp: 144146
Ion Ratio Lower Upper
168 100
139 38.1 29.5 44.3

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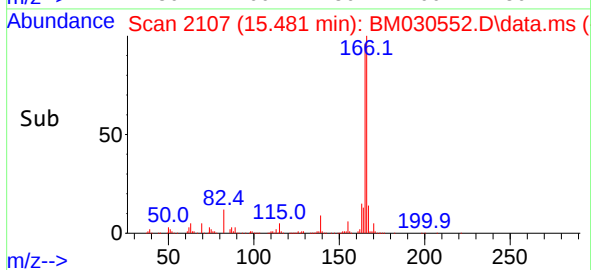
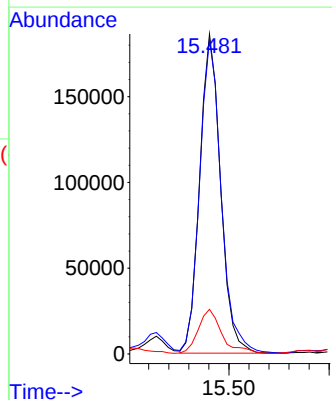
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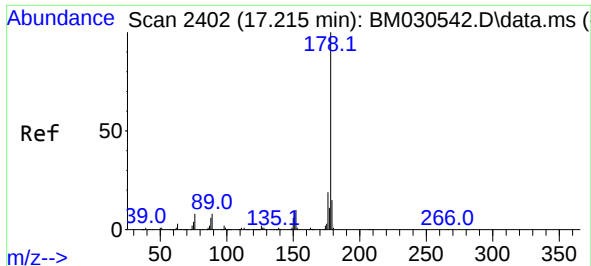


#61
Fluorene
Concen: 7.968 ng/u1
RT: 15.481 min Scan# 2107
Delta R.T. -0.011 min
Lab File: BM030552.D
Acq: 23 Jun 2021 14:25



Tgt Ion:166 Resp: 269645
Ion Ratio Lower Upper
166 100
165 98.4 78.4 117.6
167 13.9 10.6 15.8





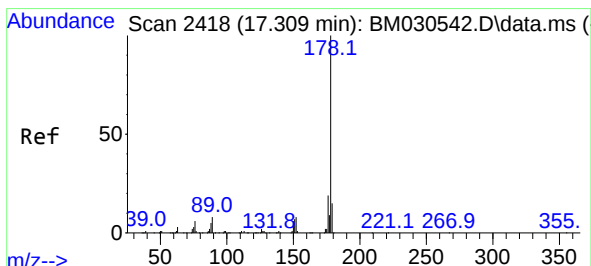
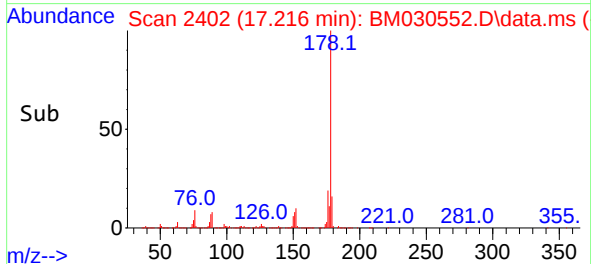
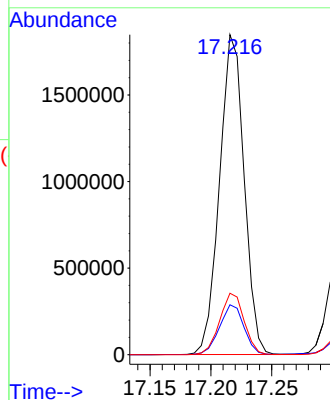
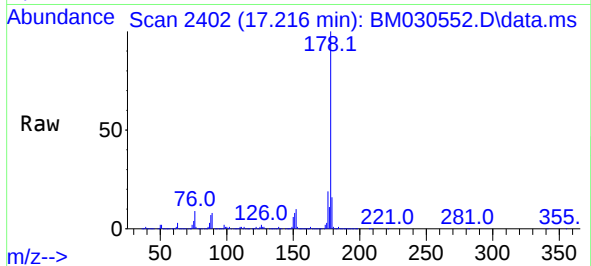
#72
Phenanthrene
Concen: 51.989 ng/u1
RT: 17.216 min Scan# 2402
Delta R.T. -0.006 min
Lab File: BM030552.D
Acq: 23 Jun 2021 14:25

Tgt Ion:178 Resp: 2593004
Ion Ratio Lower Upper
178 100
179 15.6 12.1 18.1
176 19.2 15.2 22.8

Instrument :
BNA_M
ClientSampled :
BGDB2DL

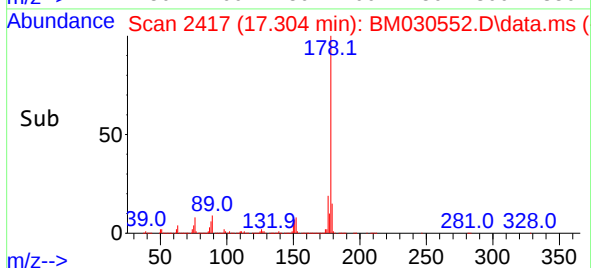
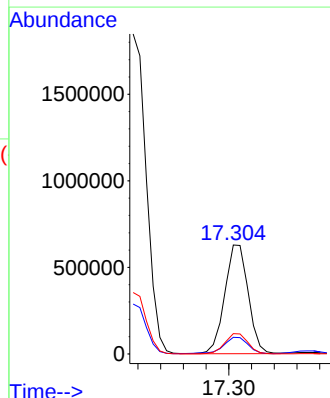
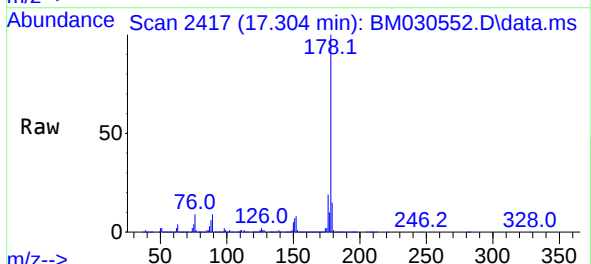
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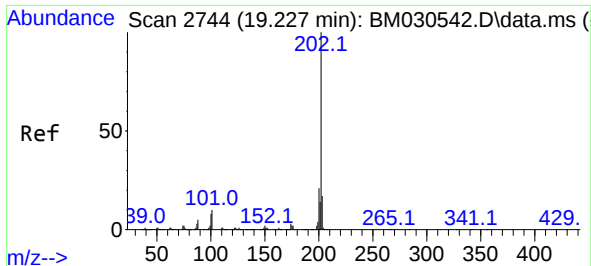
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#74
Anthracene
Concen: 17.659 ng/u1
RT: 17.304 min Scan# 2417
Delta R.T. -0.012 min
Lab File: BM030552.D
Acq: 23 Jun 2021 14:25

Tgt Ion:178 Resp: 900525
Ion Ratio Lower Upper
178 100
179 15.3 12.1 18.1
176 18.7 15.2 22.8





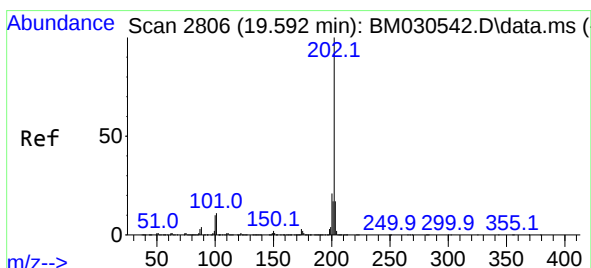
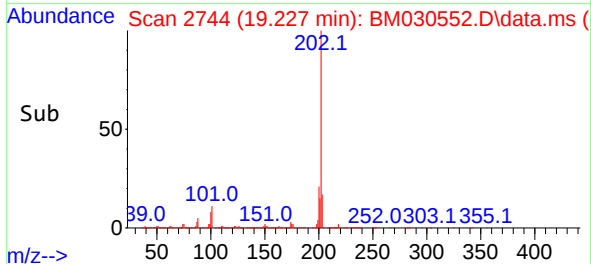
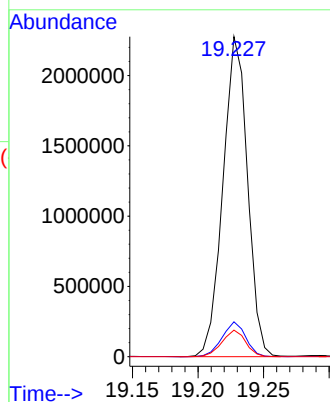
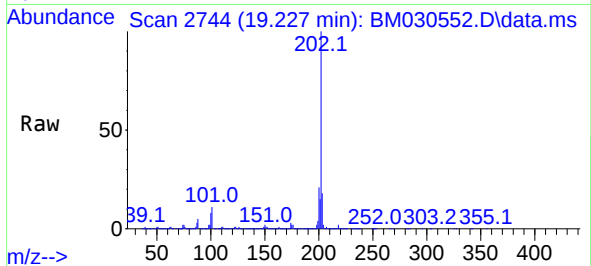
#80
Fluoranthene
Concen: 64.423 ng/u1
RT: 19.227 min Scan# 2744
Delta R.T. -0.006 min
Lab File: BM030552.D
Acq: 23 Jun 2021 14:25

Tgt Ion:202 Resp: 2959352
Ion Ratio Lower Upper
202 100
101 10.9 8.8 13.2
100 8.3 6.8 10.2

Instrument :
BNA_M
ClientSampled :
BGDB2DL

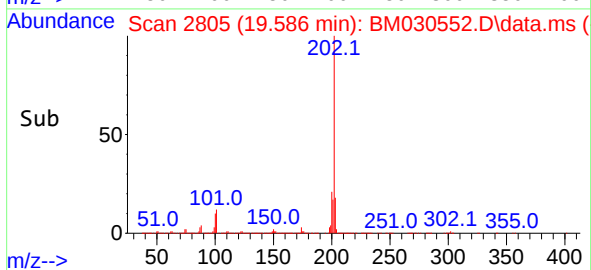
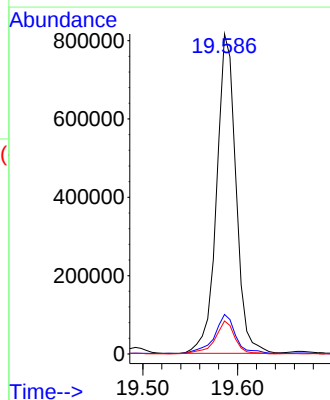
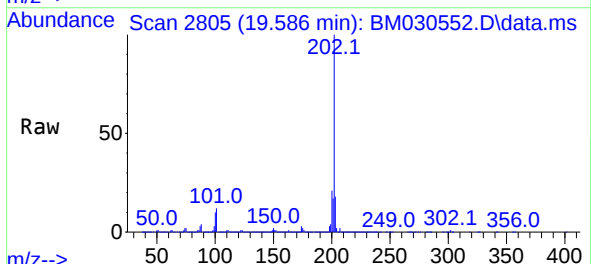
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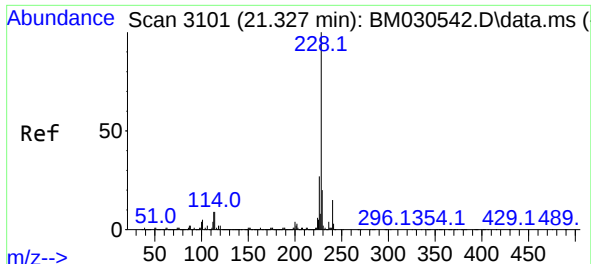
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#82
Pyrene
Concen: 24.006 ng/u1
RT: 19.586 min Scan# 2805
Delta R.T. -0.012 min
Lab File: BM030552.D
Acq: 23 Jun 2021 14:25

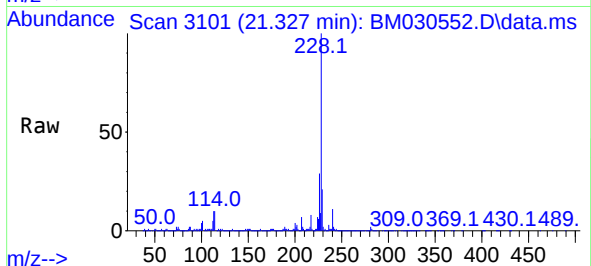
Tgt Ion:202 Resp: 1158685
Ion Ratio Lower Upper
202 100
101 12.3 10.0 15.0
100 10.3 8.5 12.7





#85
Benzo(a)anthracene
Concen: 25.624 ng/ul
RT: 21.327 min Scan# 3101
Delta R.T. -0.006 min
Lab File: BM030552.D
Acq: 23 Jun 2021 14:25

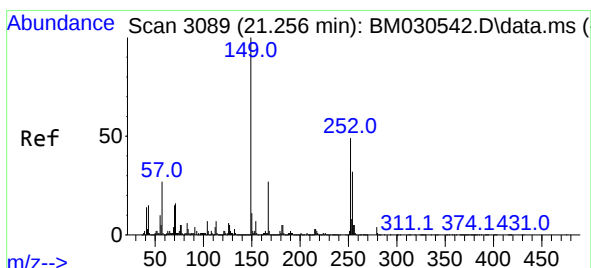
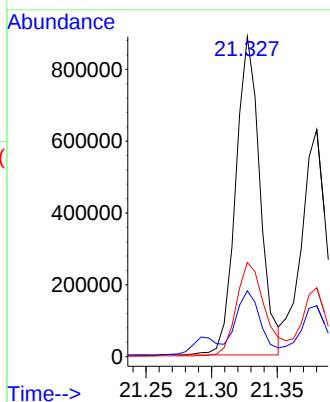
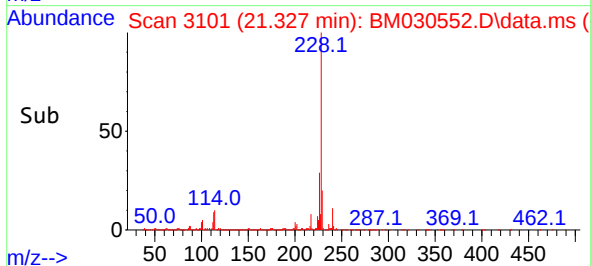
Instrument :
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ClientSampleID :
BGDB2DL



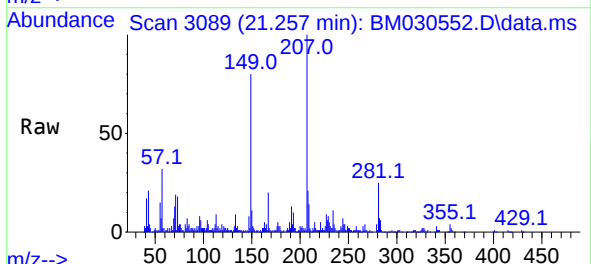
Tgt Ion:228 Resp: 1141447
Ion Ratio Lower Upper
228 100
229 20.6 16.0 24.0
226 29.5 22.2 33.2

Manual Integrations
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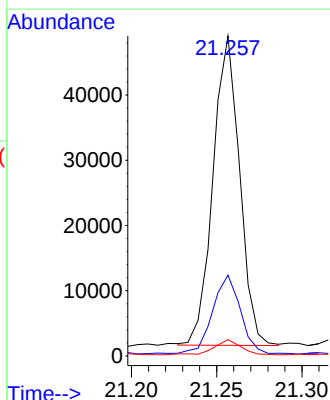
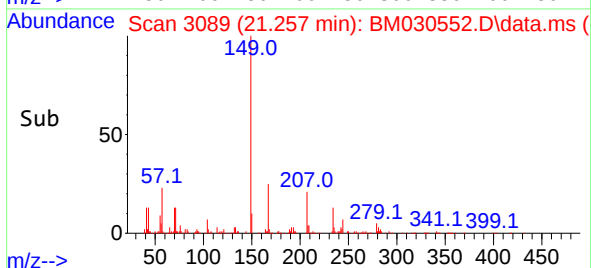
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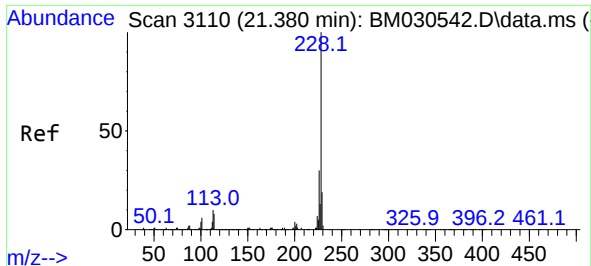


#86
Bis(2-ethylhexyl)phthalate
Concen: 2.253 ng/ul
RT: 21.257 min Scan# 3089
Delta R.T. -0.006 min
Lab File: BM030552.D
Acq: 23 Jun 2021 14:25

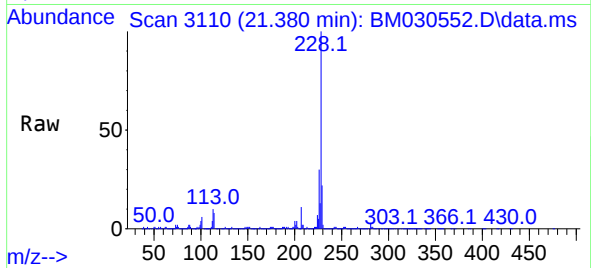


Tgt Ion:149 Resp: 51492
Ion Ratio Lower Upper
149 100
167 25.2 20.7 31.1
279 5.1 3.0 4.4#

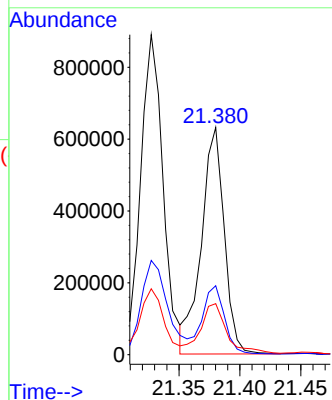




#87
Chrysene
Concen: 19.013 ng/u1
RT: 21.380 min Scan# 3110
Delta R.T. -0.006 min
Lab File: BM030552.D
Acq: 23 Jun 2021 14:25



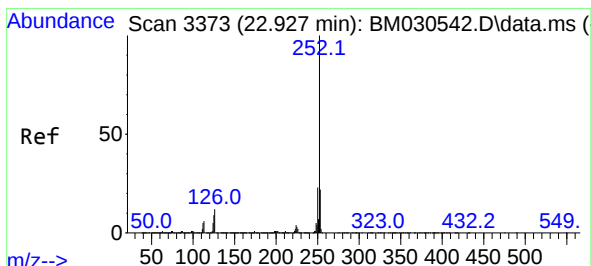
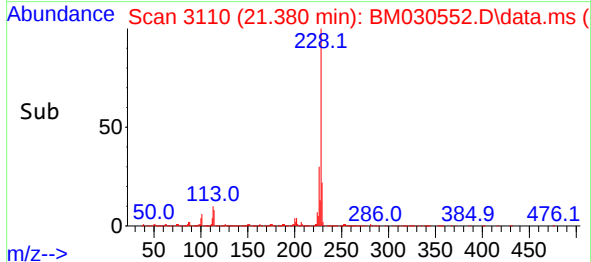
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Ion Ratio Lower Upper
228 100
226 30.3 23.6 35.4
229 22.5 15.9 23.9



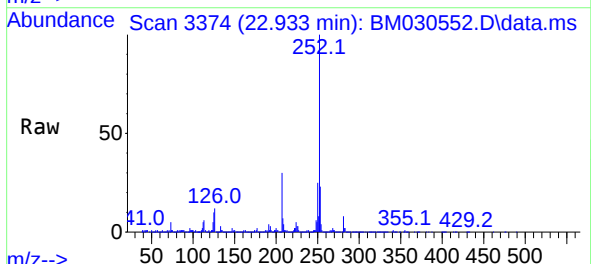
Instrument :
BNA_M
ClientSampleID :
BGDB2DL

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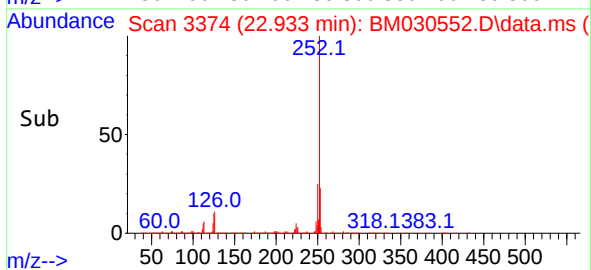
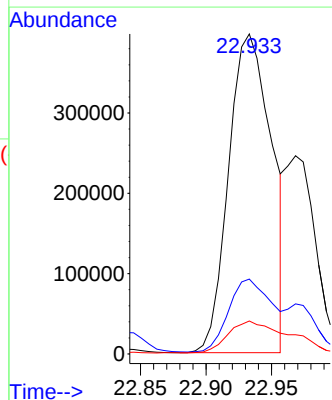
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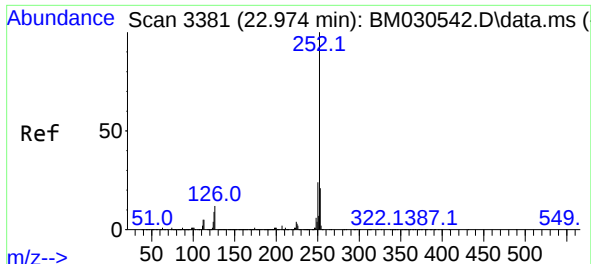


#90
Benzo(b)fluoranthene
Concen: 19.246 ng/u1
RT: 22.933 min Scan# 3374
Delta R.T. -0.006 min
Lab File: BM030552.D
Acq: 23 Jun 2021 14:25



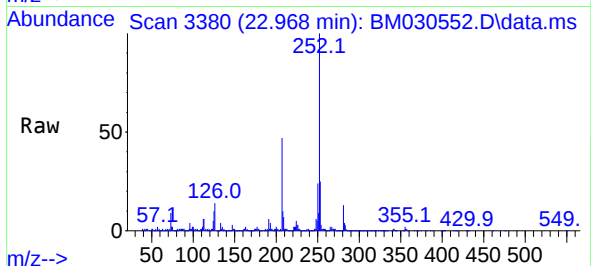
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Ion Ratio Lower Upper
252 100
253 23.4 17.8 26.6
125 10.3 7.7 11.5





#91
Benzo(k)fluoranthene
Concen: 8.634 ng/ul m
RT: 22.968 min Scan# 3380
Delta R.T. -0.017 min
Lab File: BM030552.D
Acq: 23 Jun 2021 14:25

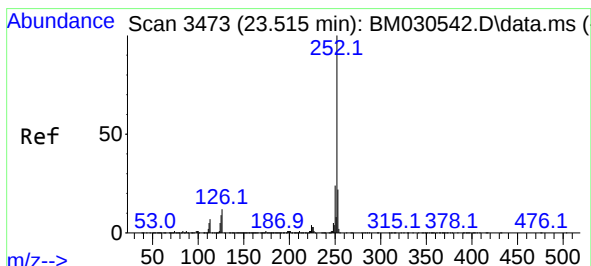
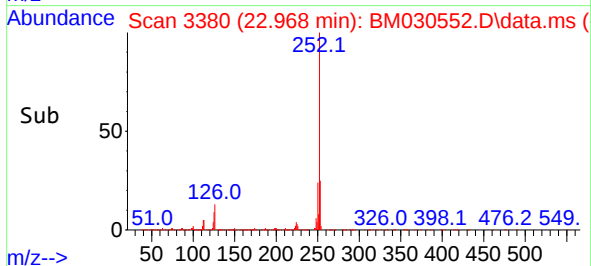
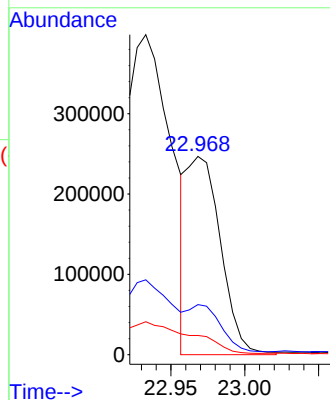
Instrument :
BNA_M
ClientSampleId :
BGDB2DL



Tgt Ion:252 Resp: 390632
Ion Ratio Lower Upper
252 100
253 25.2 17.4 26.2
125 9.7 7.9 11.9

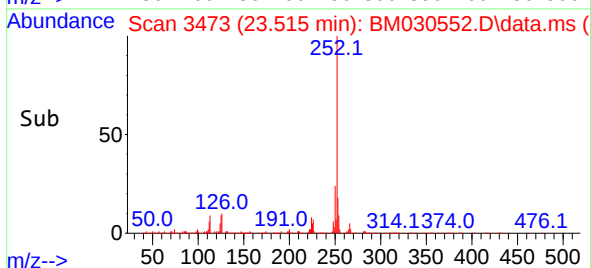
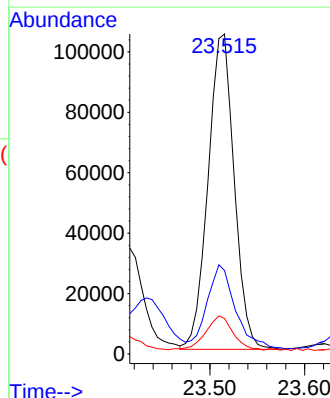
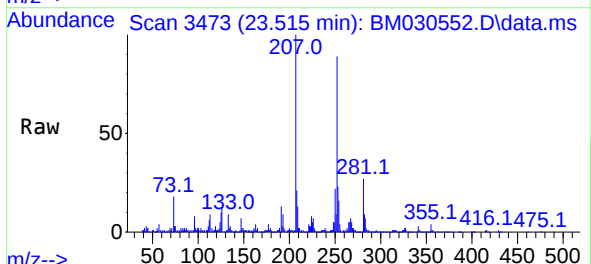
Manual Integrations
APPROVED

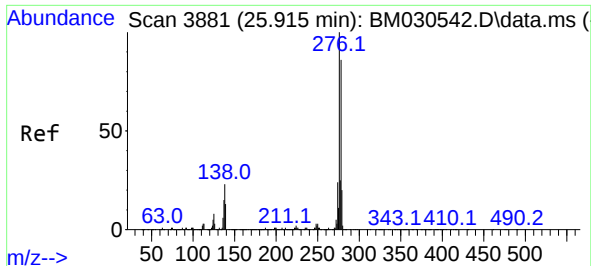
mohammad
6/23/2021 4:49:29 PM



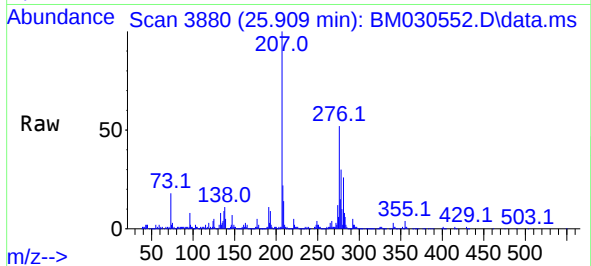
#93
Benzo(a)pyrene
Concen: 4.731 ng/ul
RT: 23.515 min Scan# 3473
Delta R.T. -0.011 min
Lab File: BM030552.D
Acq: 23 Jun 2021 14:25

Tgt Ion:252 Resp: 200246
Ion Ratio Lower Upper
252 100
253 26.1 17.5 26.3
125 11.1 8.6 13.0





#94
Indeno(1,2,3-cd)pyrene
Concen: 3.441 ng/ul
RT: 25.909 min Scan# 3880
Delta R.T. -0.023 min
Lab File: BM030552.D
Acq: 23 Jun 2021 14:25

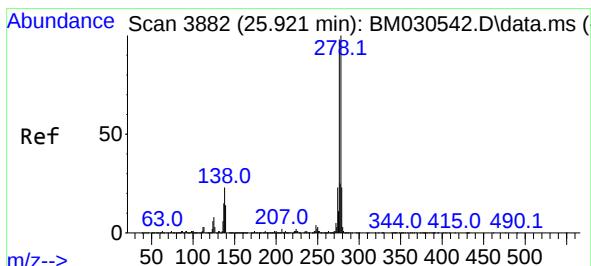
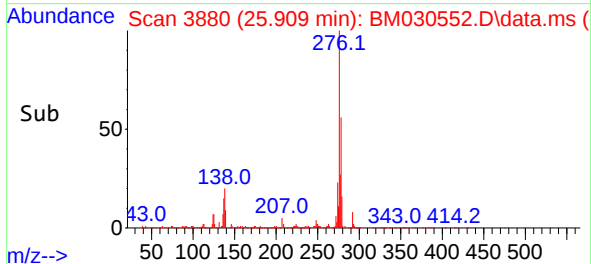
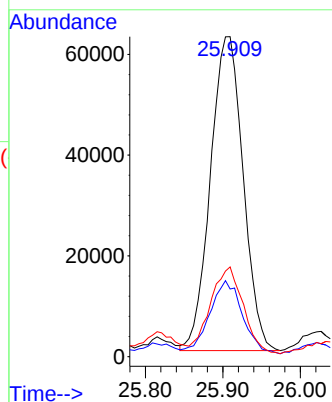


Tgt Ion: 276 Resp: 183375
Ion Ratio Lower Upper
276 100
138 21.2 19.5 29.3
277 28.1 19.6 29.4

Instrument :
BNA_M
ClientSampleID :
BGDB2DL

Manual Integrations
APPROVED

mohammad
6/23/2021 4:49:29 PM



#95
Dibenzo(a,h)anthracene
Concen: 2.659 ng/ul
RT: 25.909 min Scan# 3880
Delta R.T. -0.029 min
Lab File: BM030552.D
Acq: 23 Jun 2021 14:25

Tgt Ion: 278 Resp: 117442
Ion Ratio Lower Upper
278 100
139 16.4 12.8 19.2
279 32.5 19.1 28.7#

