

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062221\
 Data File : BM030553.D
 Acq On : 23 Jun 2021 15:02
 Operator : CG/JU
 Sample : M2662-04DL2 20X
 Misc :
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BGDF4DL2

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Quant Time: Jun 23 15:37:49 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

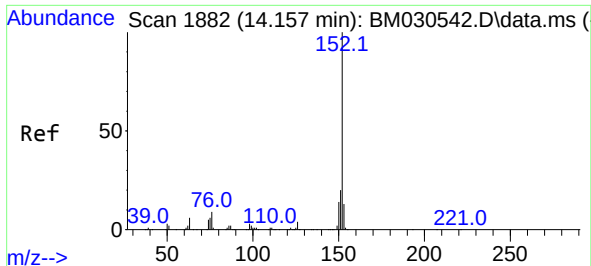
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.804	152	258938	20.000	ng/u1	0.00
20) Naphthalene-d8	10.592	136	1126950	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.433	164	746139	20.000	ng/u1	-0.01
64) Phenanthrene-d10	17.174	188	1552394	20.000	ng/u1	0.00
79) Chrysene-d12	21.345	240	1277035	20.000	ng/u1	0.00
88) Perylene-d12	23.615	264	1095459	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.287	96	694	0.109	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/u1	
7) Phenol-d5	6.975	99	26725	1.197	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.140	67	16737	1.192	ng/u1	0.00
11) 2-Chlorophenol-d4	7.340	132	19192	1.113	ng/u1	0.00
15) 4-Methylphenol-d8	8.510	113	24547	1.412	ng/u1	0.00
21) Nitrobenzene-d5	8.963	128	9789	1.164	ng/u1	0.00
24) 2-Nitrophenol-d4	9.687	143	10955	1.172	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.222	165	23082	1.289	ng/u1	0.00
31) 4-Chloroaniline-d4	10.739	131	29649	1.188	ng/u1	0.00
46) Dimethylphthalate-d6	13.845	166	91933	1.784	ng/u1	0.00
49) Acenaphthylene-d8	14.127	160	102274	1.529	ng/u1	0.00
54) 4-Nitrophenol-d4	14.651	143	6254	0.641	ng/u1	0.01
60) Fluorene-d10	15.427	176	83896	1.836	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.551	200	3799	0.374	ng/u1	0.00
73) Anthracene-d10	17.274	188	132445	1.828	ng/u1	0.00
81) Pyrene-d10	19.562	212	101349	1.515	ng/u1	0.00
92) Benzo(a)pyrene-d12	0.000	264	0d	0.000	ng/u1	
Target Compounds						
					Qvalue	
50) Acenaphthylene	14.157	152	114419	1.845	ng/u1	97
52) Acenaphthene	14.498	153	67680	1.503	ng/u1	98
56) Dibenzofuran	14.833	168	107005	1.705	ng/u1	99
61) Fluorene	15.480	166	159459	3.083	ng/u1	98
72) Phenanthrene	17.215	178	2427636	29.120	ng/u1	99
74) Anthracene	17.310	178	811669	9.522	ng/u1	99
80) Fluoranthene	19.227	202	3649128	44.652	ng/u1	100
82) Pyrene	19.592	202	1234218	14.373	ng/u1	98
85) Benzo(a)anthracene	21.327	228	1312174	16.557	ng/u1	98
87) Chrysene	21.380	228	912878	11.816	ng/u1	96
90) Benzo(b)fluoranthene	22.933	252	850411	12.228	ng/u1	99
91) Benzo(k)fluoranthene	22.968	252	391963m	5.864	ng/u1	
93) Benzo(a)pyrene	23.515	252	155060	2.480	ng/u1#	90
94) Indeno(1,2,3-cd)pyrene	25.909	276	143367	1.821	ng/u1	96
95) Dibenzo(a,h)anthracene	25.909	278	100666	1.542	ng/u1#	90

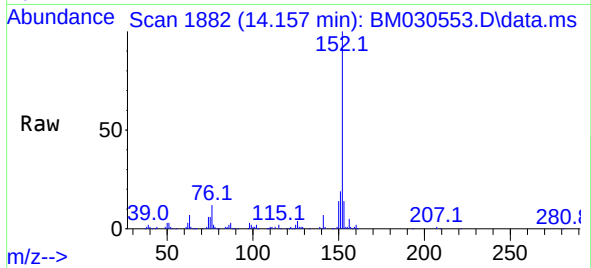
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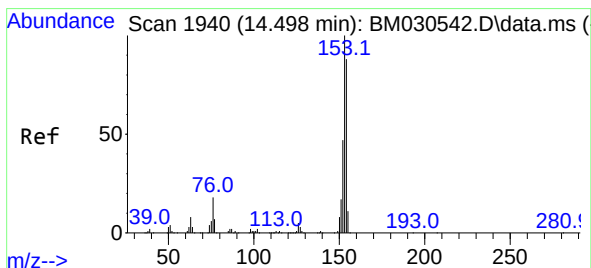
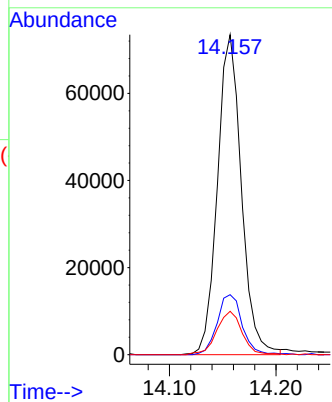
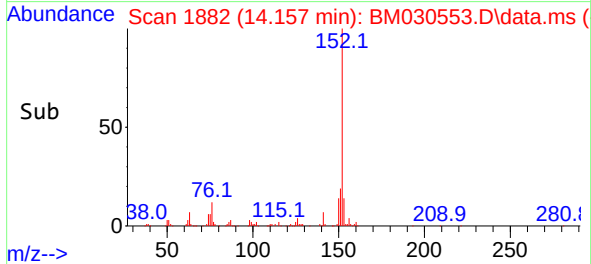
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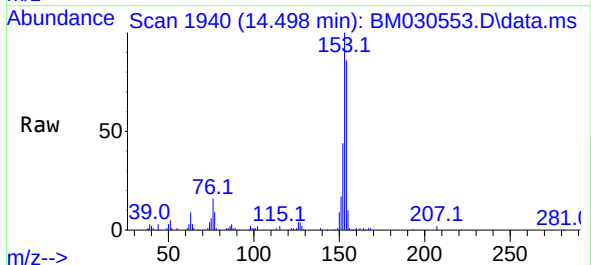
#50
Acenaphthylene
Concen: 1.845 ng/ul
RT: 14.157 min Scan# 1882
Delta R.T. -0.006 min
Lab File: BM030553.D
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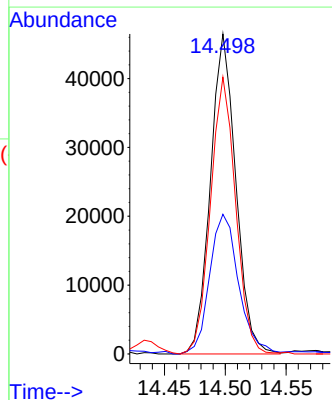
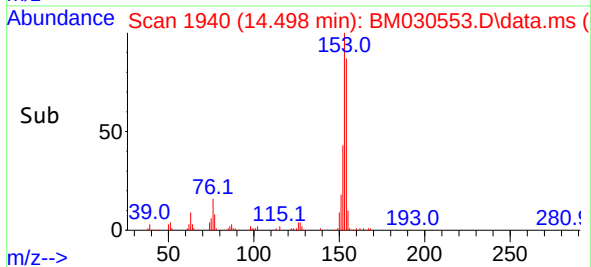
Tgt Ion:152 Resp: 114419
Ion Ratio Lower Upper
152 100
151 18.8 16.2 24.2
153 13.5 10.2 15.4



#52
Acenaphthene
Concen: 1.503 ng/ul
RT: 14.498 min Scan# 1940
Delta R.T. -0.006 min
Lab File: BM030553.D
Acq: 23 Jun 2021 15:02



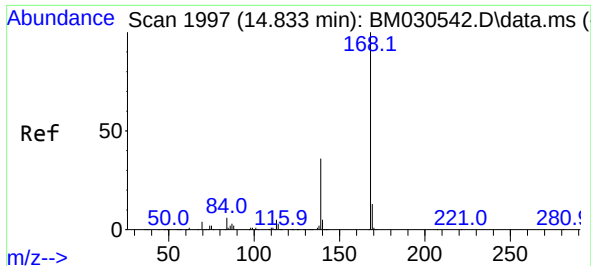
Tgt Ion:153 Resp: 67680
Ion Ratio Lower Upper
153 100
152 43.6 37.4 56.2
154 86.5 69.4 104.0



Instrument :
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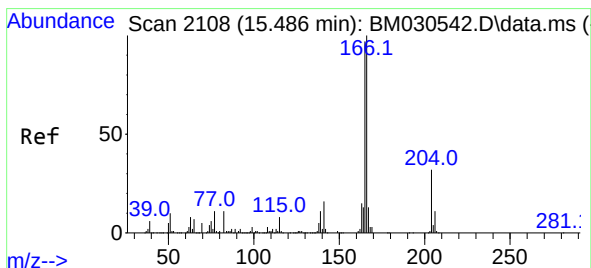
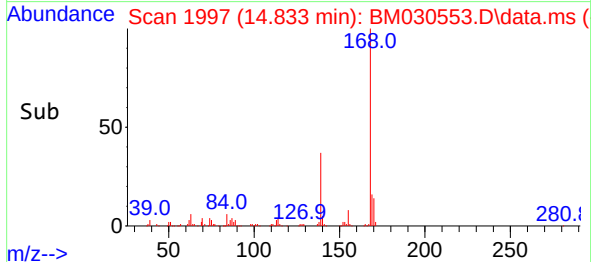
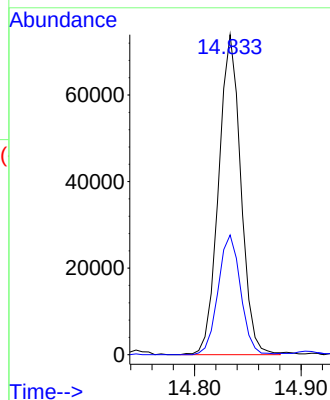
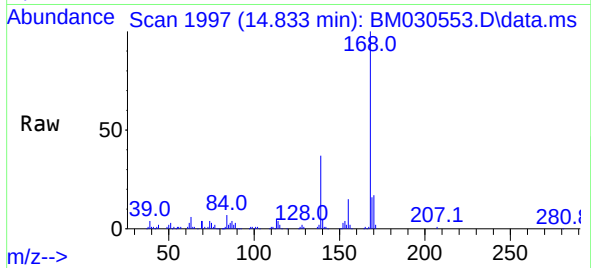
#56
Dibenzenofuran
Concen: 1.705 ng/ul
RT: 14.833 min Scan# 1997
Delta R.T. -0.006 min
Lab File: BM030553.D
Acq: 23 Jun 2021 15:02

Tgt Ion:168 Resp: 107005
Ion Ratio Lower Upper
168 100
139 37.4 29.5 44.3

Instrument :
BNA_M
ClientSampleId :
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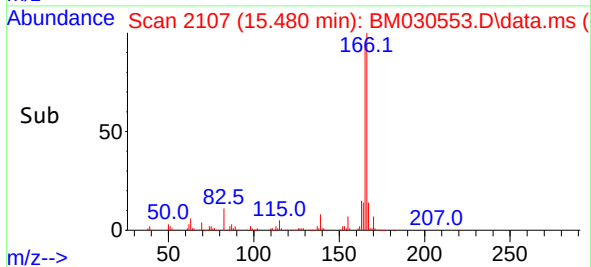
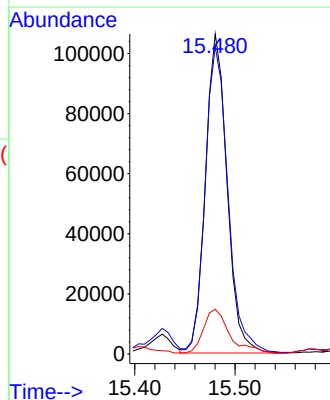
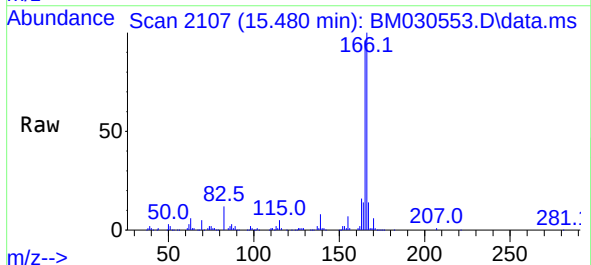
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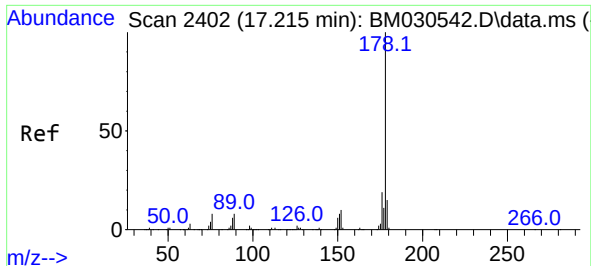
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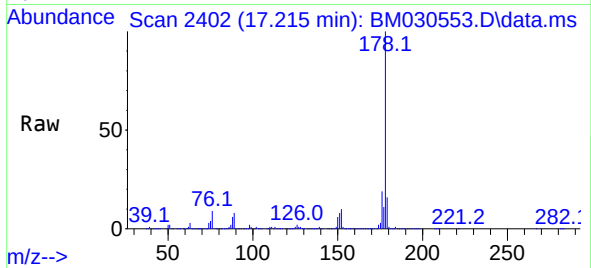
#61
Fluorene
Concen: 3.083 ng/ul
RT: 15.480 min Scan# 2107
Delta R.T. -0.012 min
Lab File: BM030553.D
Acq: 23 Jun 2021 15:02

Tgt Ion:166 Resp: 159459
Ion Ratio Lower Upper
166 100
165 96.0 78.4 117.6
167 14.0 10.6 15.8

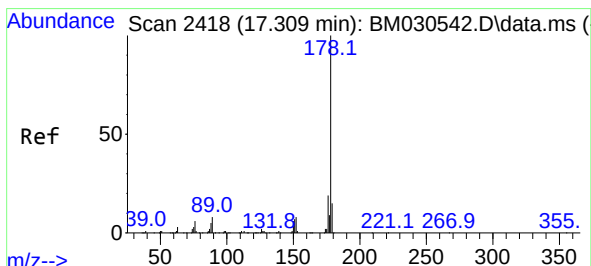
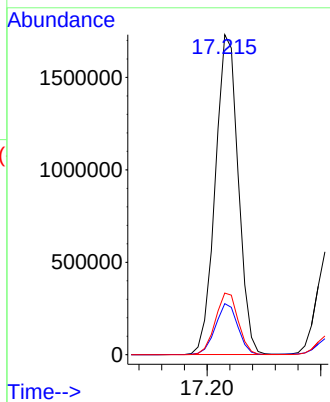
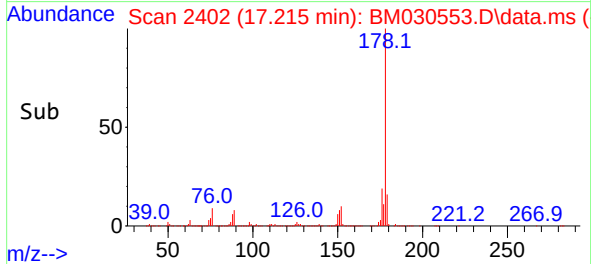




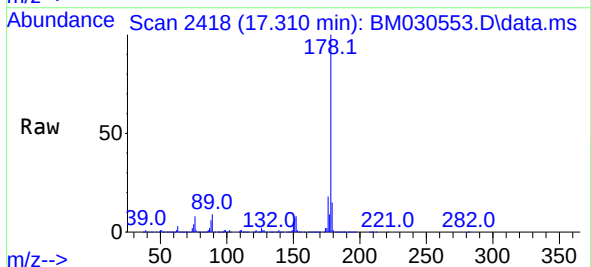
#72
Phenanthrene
Concen: 29.120 ng/u1
RT: 17.215 min Scan# 2402
Delta R.T. -0.006 min
Lab File: BM030553.D
Acq: 23 Jun 2021 15:02



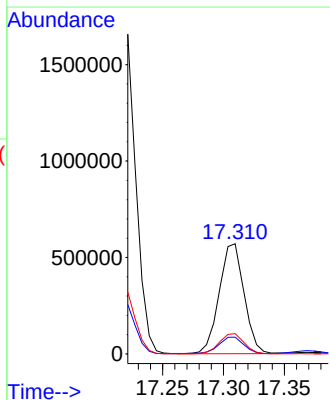
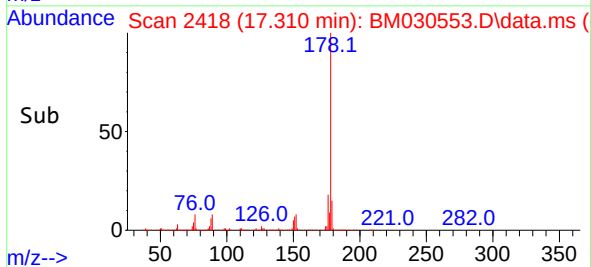
Tgt Ion:178 Resp: 2427636
Ion Ratio Lower Upper
178 100
179 15.9 12.1 18.1
176 19.3 15.2 22.8



#74
Anthracene
Concen: 9.522 ng/u1
RT: 17.310 min Scan# 2418
Delta R.T. -0.006 min
Lab File: BM030553.D
Acq: 23 Jun 2021 15:02



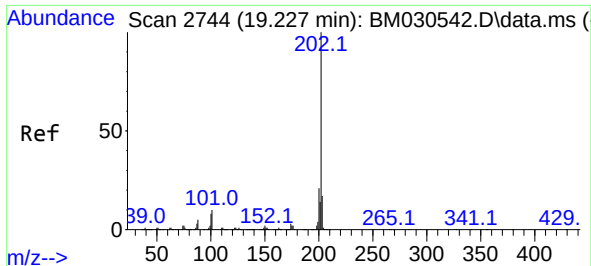
Tgt Ion:178 Resp: 811669
Ion Ratio Lower Upper
178 100
179 15.2 12.1 18.1
176 18.4 15.2 22.8



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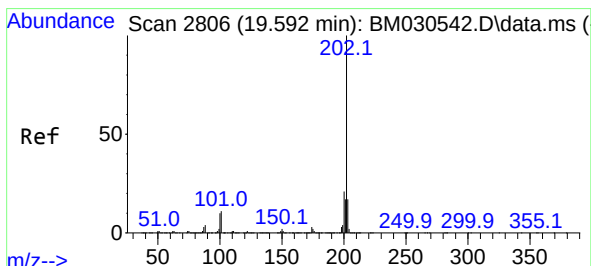
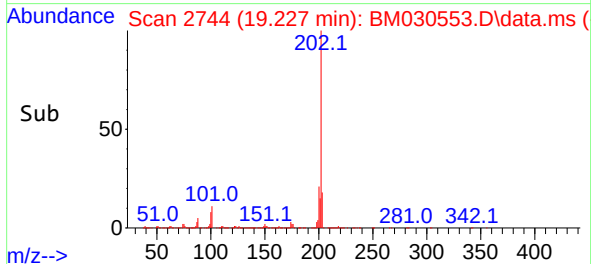
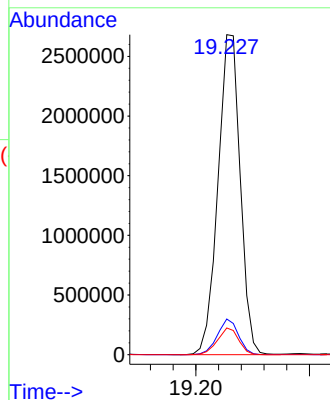
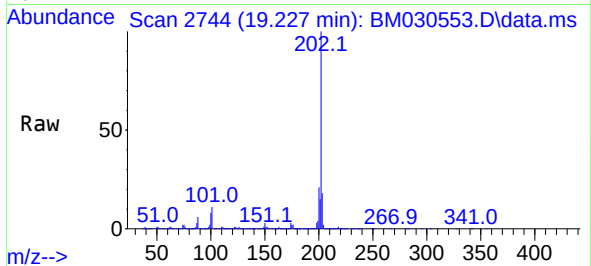
#80
Fluoranthene
Concen: 44.652 ng/u1
RT: 19.227 min Scan# 2744
Delta R.T. -0.006 min
Lab File: BM030553.D
Acq: 23 Jun 2021 15:02

Tgt Ion:202 Resp: 3649128
Ion Ratio Lower Upper
202 100
101 11.1 8.8 13.2
100 8.4 6.8 10.2

Instrument :
BNA_M
ClientSampleId :
BGDF4DL2

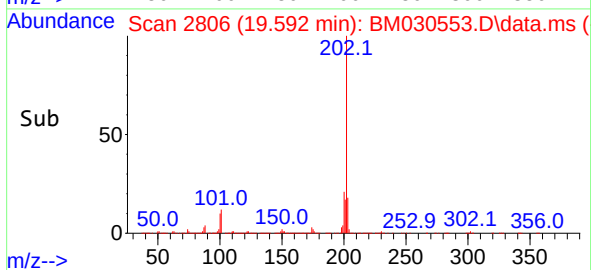
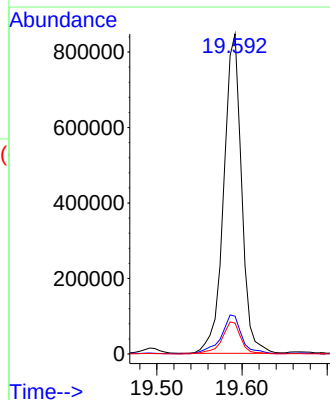
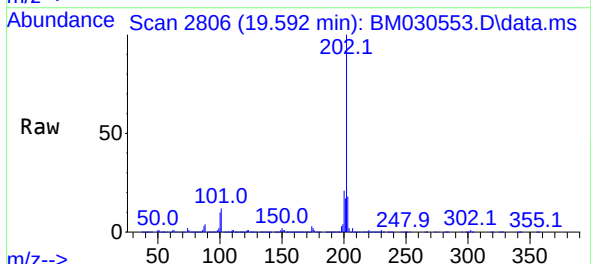
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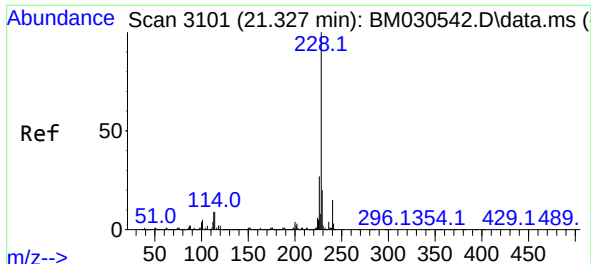
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#82
Pyrene
Concen: 14.373 ng/u1
RT: 19.592 min Scan# 2806
Delta R.T. -0.006 min
Lab File: BM030553.D
Acq: 23 Jun 2021 15:02

Tgt Ion:202 Resp: 1234218
Ion Ratio Lower Upper
202 100
101 11.8 10.0 15.0
100 9.7 8.5 12.7





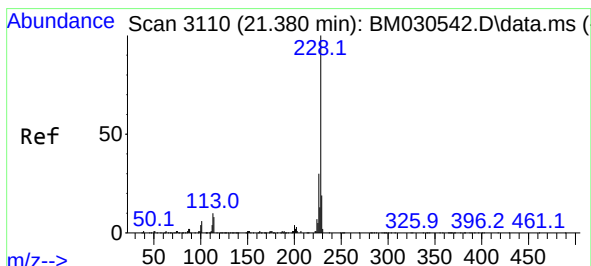
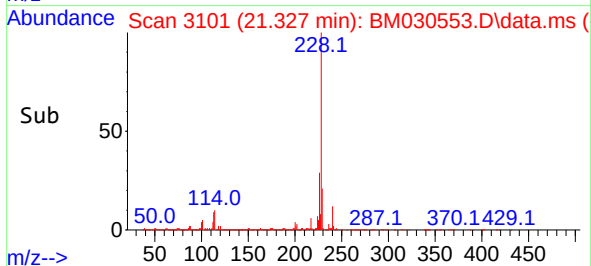
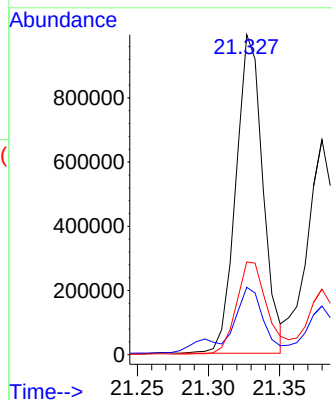
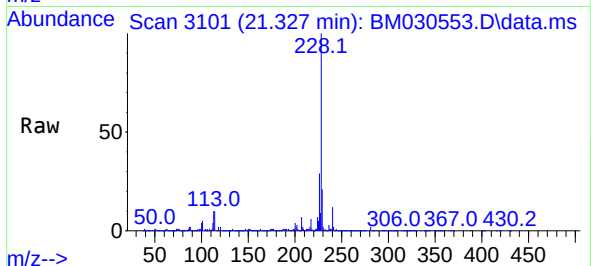
#85
Benzo(a)anthracene
Concen: 16.557 ng/uI
RT: 21.327 min Scan# 3101
Delta R.T. -0.006 min
Lab File: BM030553.D
Acq: 23 Jun 2021 15:02

Tgt Ion:228 Resp: 1312174
Ion Ratio Lower Upper
228 100
229 21.1 16.0 24.0
226 29.0 22.2 33.2

Instrument :
BNA_M
ClientSampled :
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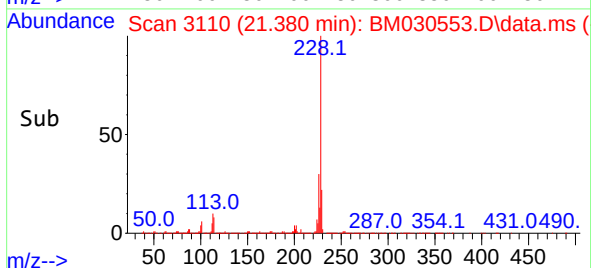
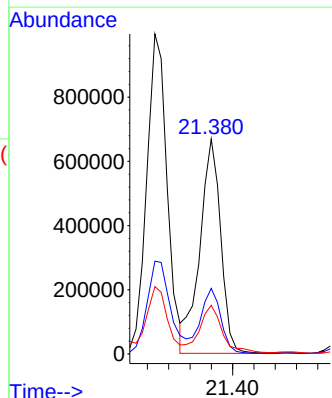
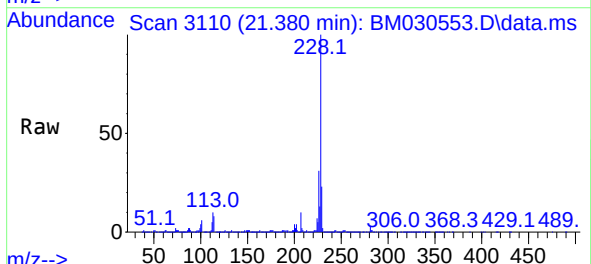
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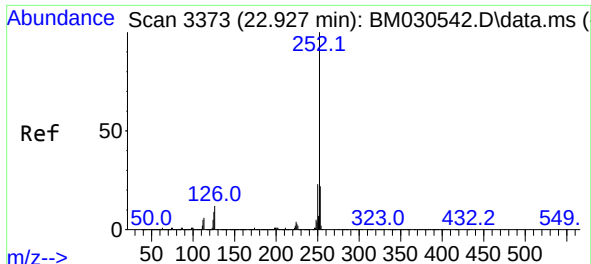
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#87
Chrysene
Concen: 11.816 ng/uI
RT: 21.380 min Scan# 3110
Delta R.T. -0.006 min
Lab File: BM030553.D
Acq: 23 Jun 2021 15:02

Tgt Ion:228 Resp: 912878
Ion Ratio Lower Upper
228 100
226 30.5 23.6 35.4
229 22.6 15.9 23.9





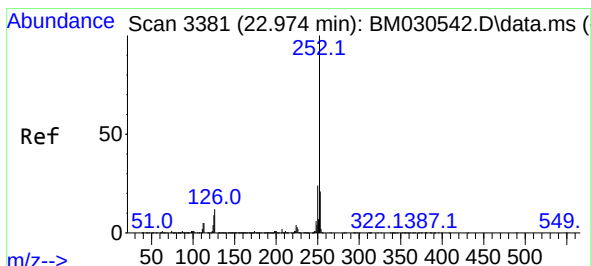
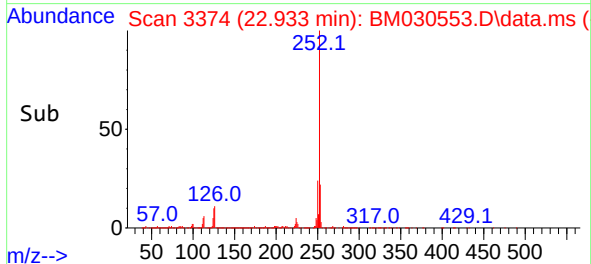
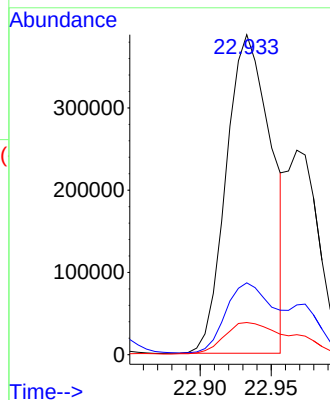
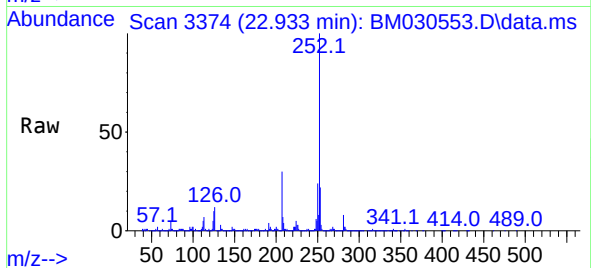
#90
Benzo(b)fluoranthene
Concen: 12.228 ng/ul
RT: 22.933 min Scan# 3374
Delta R.T. -0.006 min
Lab File: BM030553.D
Acq: 23 Jun 2021 15:02

Tgt Ion:252 Resp: 850411
Ion Ratio Lower Upper
252 100
253 22.5 17.8 26.6
125 10.1 7.7 11.5

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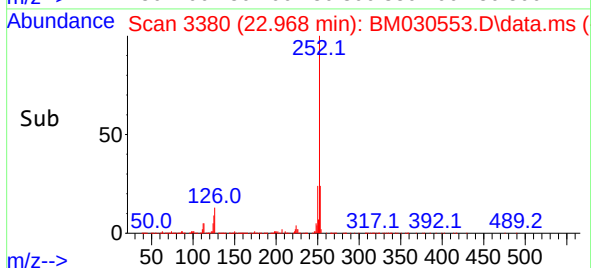
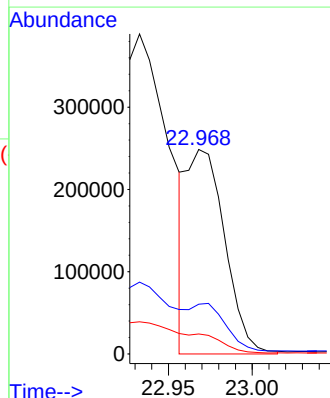
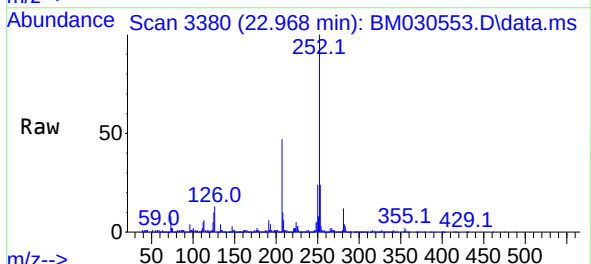
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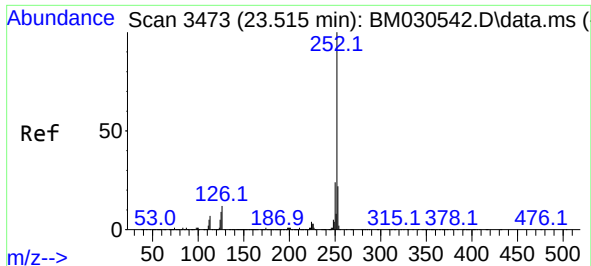
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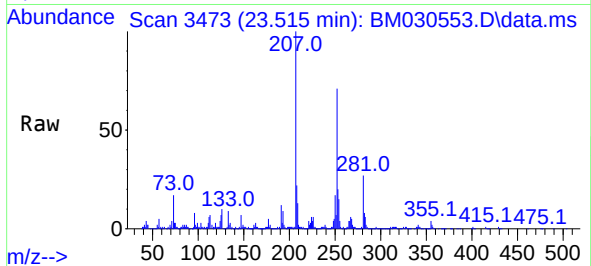
#91
Benzo(k)fluoranthene
Concen: 5.864 ng/ul m
RT: 22.968 min Scan# 3380
Delta R.T. -0.018 min
Lab File: BM030553.D
Acq: 23 Jun 2021 15:02

Tgt Ion:252 Resp: 391963
Ion Ratio Lower Upper
252 100
253 24.3 17.4 26.2
125 9.8 7.9 11.9

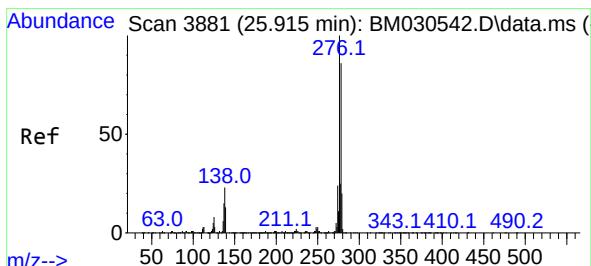
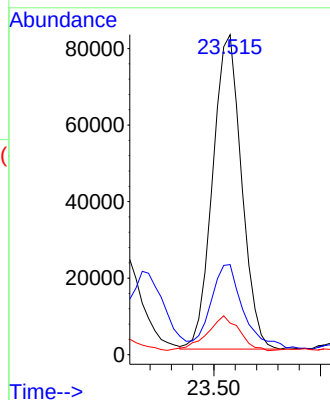
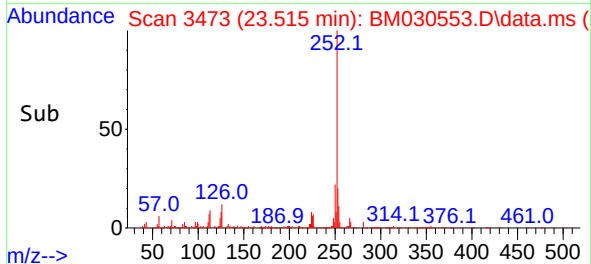




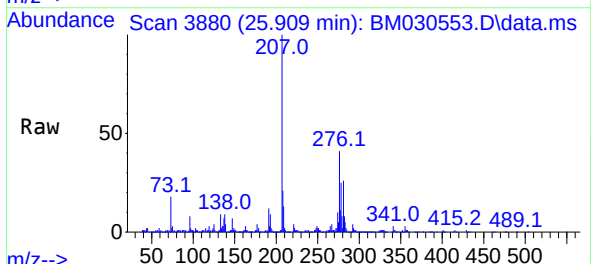
#93
Benzo(a)pyrene
Concen: 2.480 ng/ul
RT: 23.515 min Scan# 3473
Delta R.T. -0.012 min
Lab File: BM030553.D
Acq: 23 Jun 2021 15:02



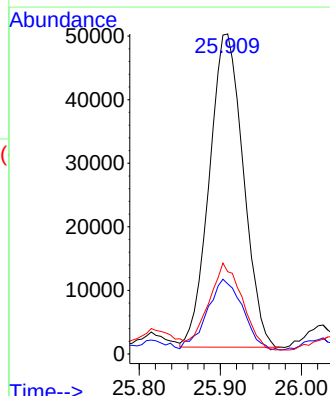
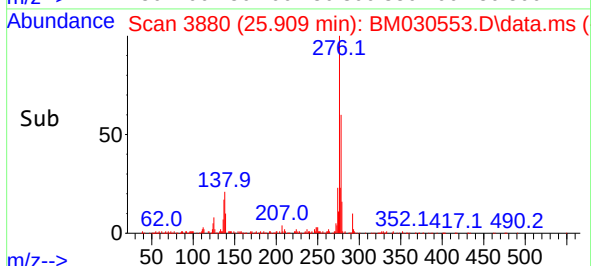
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Ion Ratio Lower Upper
252 100
253 28.1 17.5 26.3#
125 9.9 8.6 13.0



#94
Indeno(1,2,3-cd)pyrene
Concen: 1.821 ng/ul
RT: 25.909 min Scan# 3880
Delta R.T. -0.024 min
Lab File: BM030553.D
Acq: 23 Jun 2021 15:02



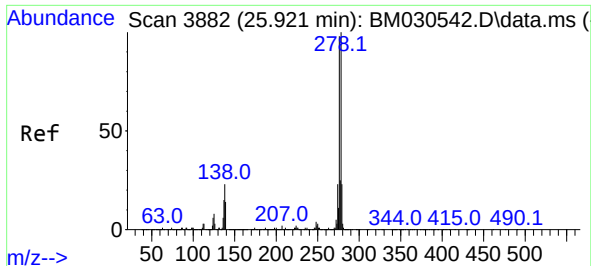
Tgt Ion:276 Resp: 143367
Ion Ratio Lower Upper
276 100
138 21.9 19.5 29.3
277 25.7 19.6 29.4



Instrument :
BNA_M
ClientSampled :
BGDF4DL2

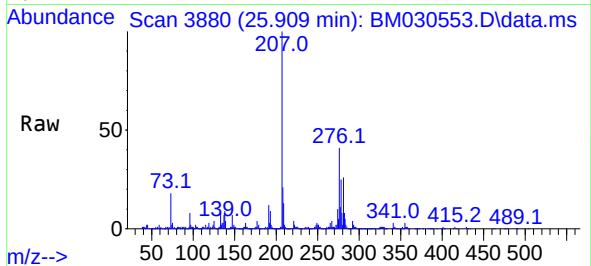
Manual Integrations
APPROVED

mohammad
6/23/2021 4:49:33 PM



#95
 Dibenzo(a,h)anthracene
 Concen: 1.542 ng/ul
 RT: 25.909 min Scan# 3880
 Delta R.T. -0.029 min
 Lab File: BM030553.D
 Acq: 23 Jun 2021 15:02

Instrument :
 BNA_M
 ClientSampleId :
 BGDF4DL2



Tgt Ion: 278 Resp: 100666

Ion	Ratio	Lower	Upper
278	100		
139	17.8	12.8	19.2
279	30.5	19.1	28.7#

Manual Integrations
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