

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062221\
 Data File : BM030551.D
 Acq On : 23 Jun 2021 13:49
 Operator : CG/JU
 Sample : M2662-11DL 10X
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BGDF5DL

Manual Integrations
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Quant Time: Jun 23 14:25:42 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	239492	20.000	ng/u1	0.00
20) Naphthalene-d8	10.592	136	1000531	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.433	164	647027	20.000	ng/u1	-0.01
64) Phenanthrene-d10	17.174	188	1190816	20.000	ng/u1	0.00
79) Chrysene-d12	21.345	240	948375	20.000	ng/u1	0.00
88) Perylene-d12	23.609	264	1011490	20.000	ng/u1	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.287	96	1820	0.308	ng/uL	0.00
4) Pyridine-d5	3.705	84	279	0.018	ng/u1	0.00
7) Phenol-d5	6.975	99	41679	2.018	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.140	67	25057	1.930	ng/u1	0.00
11) 2-Chlorophenol-d4	7.340	132	30777	1.930	ng/u1	0.00
15) 4-Methylphenol-d8	8.510	113	35878	2.232	ng/u1	0.00
21) Nitrobenzene-d5	8.963	128	15092	2.021	ng/u1	0.00
24) 2-Nitrophenol-d4	9.686	143	15636	1.884	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.222	165	33482	2.107	ng/u1	0.00
31) 4-Chloroaniline-d4	10.739	131	39538	1.784	ng/u1	0.00
46) Dimethylphthalate-d6	13.845	166	112401	2.516	ng/u1	0.00
49) Acenaphthylene-d8	14.127	160	131554	2.269	ng/u1	0.00
54) 4-Nitrophenol-d4	14.651	143	7626	0.901	ng/u1	0.01
60) Fluorene-d10	15.427	176	101351	2.558	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.551	200	4731	0.607	ng/u1	0.00
73) Anthracene-d10	17.274	188	141928	2.554	ng/u1	0.00
81) Pyrene-d10	19.556	212	108029	2.174	ng/u1	-0.01
92) Benzo(a)pyrene-d12	23.468	264	83333	1.585	ng/u1	-0.01
Target Compounds					Qvalue	
56) Dibenzofuran	14.833	168	74942	1.377	ng/u1	98
61) Fluorene	15.480	166	103102	2.299	ng/u1	100
72) Phenanthrene	17.215	178	1532203	23.960	ng/u1	99
74) Anthracene	17.304	178	702914	10.750	ng/u1	99
80) Fluoranthene	19.227	202	2057192	33.896	ng/u1	98
82) Pyrene	19.586	202	794018	12.451	ng/u1	99
85) Benzo(a)anthracene	21.327	228	799468	13.584	ng/u1	98
87) Chrysene	21.380	228	583896	10.177	ng/u1	97
90) Benzo(b)fluoranthene	22.933	252	622565	9.695	ng/u1	98
91) Benzo(k)fluoranthene	22.968	252	265880m	4.308	ng/u1	
93) Benzo(a)pyrene	23.509	252	135080	2.339	ng/u1#	93
94) Indeno(1,2,3-cd)pyrene	25.909	276	123271	1.696	ng/u1	94
95) Dibenzo(a,h)anthracene	25.909	278	76763	1.274	ng/u1#	91

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

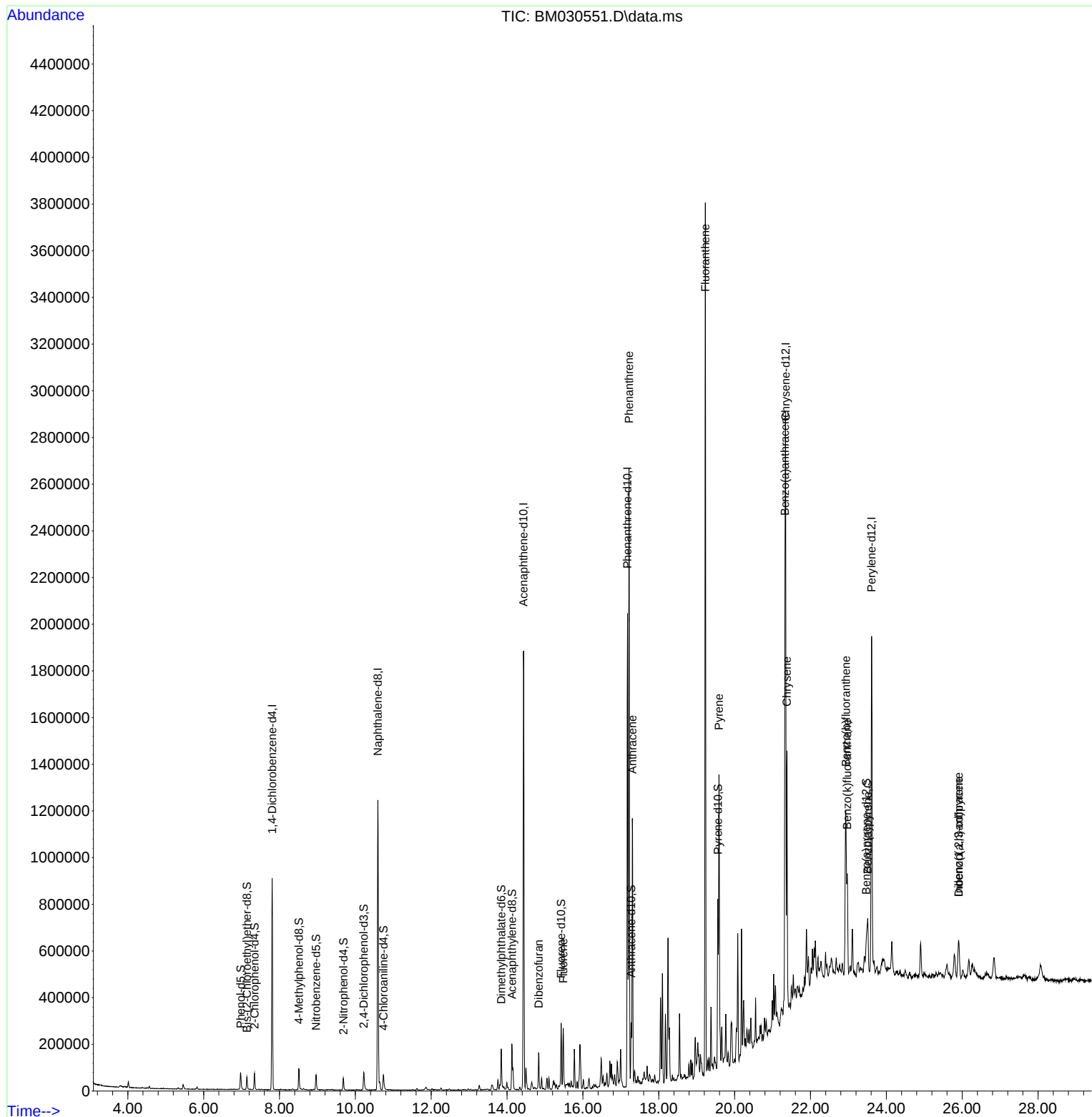
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062221\
Data File : BM030551.D
Acq On : 23 Jun 2021 13:49
Operator : CG/JU
Sample : M2662-11DL 10X
Misc :
ALS Vial : 43 Sample Multiplier: 1

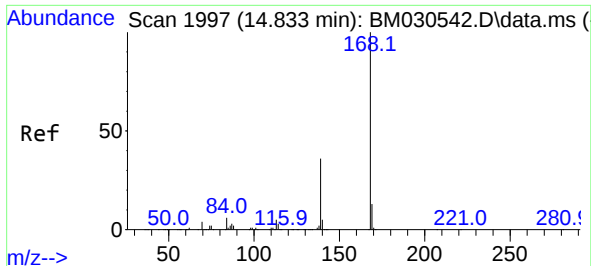
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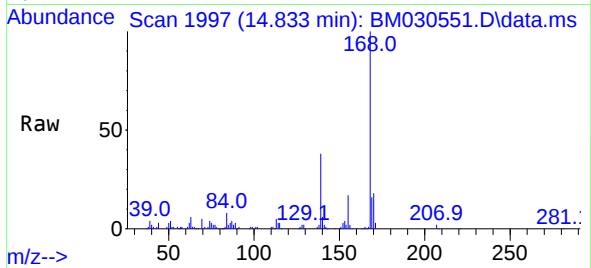
Quant Time: Jun 23 14:25:42 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM062221.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jun 22 15:07:37 2021
Response via : Initial Calibration





#56
Dibenzenofuran
Concen: 1.377 ng/u1
RT: 14.833 min Scan# 1997
Delta R.T. -0.006 min
Lab File: BM030551.D
Acq: 23 Jun 2021 13:49

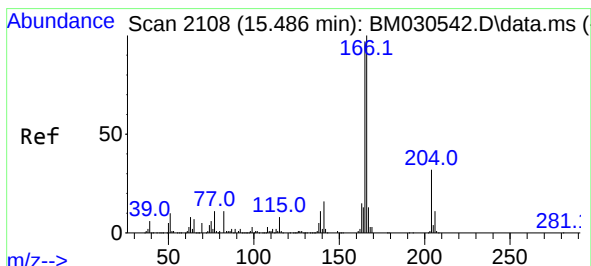
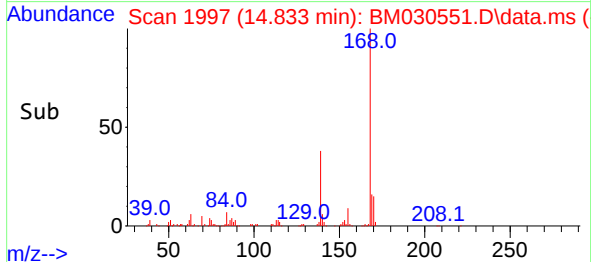
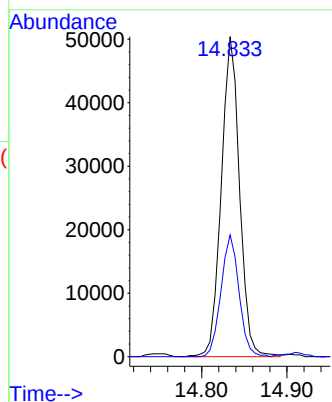
Instrument :
BNA_M
ClientSampleId :
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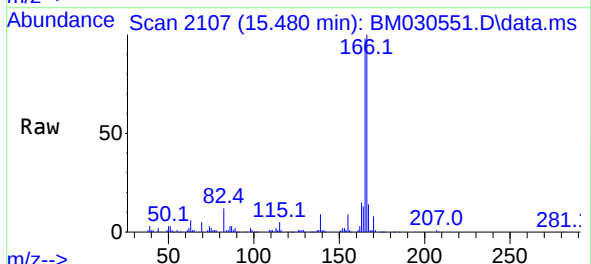
Tgt Ion:168 Resp: 74942
Ion Ratio Lower Upper
168 100
139 38.1 29.5 44.3

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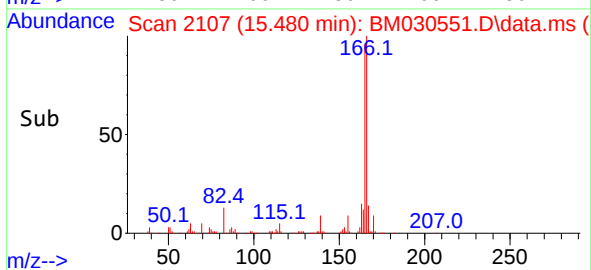
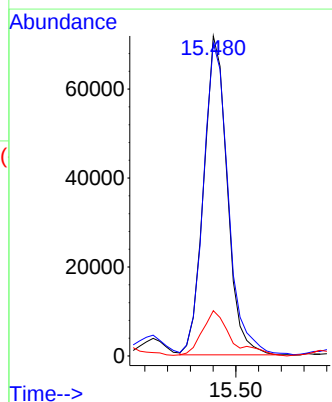
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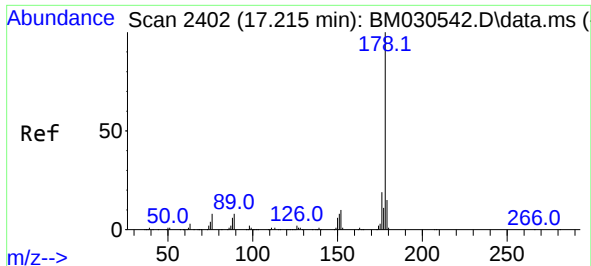


#61
Fluorene
Concen: 2.299 ng/u1
RT: 15.480 min Scan# 2107
Delta R.T. -0.012 min
Lab File: BM030551.D
Acq: 23 Jun 2021 13:49

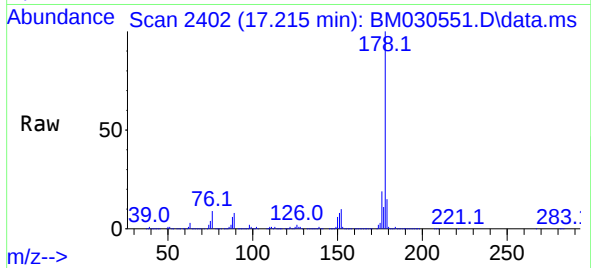


Tgt Ion:166 Resp: 103102
Ion Ratio Lower Upper
166 100
165 97.8 78.4 117.6
167 14.1 10.6 15.8



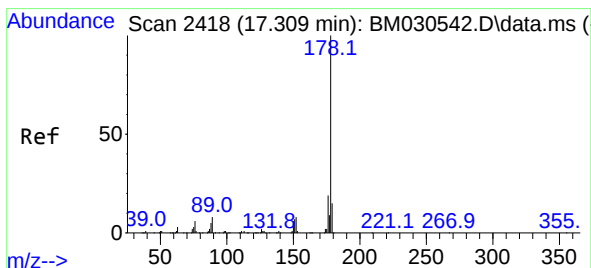
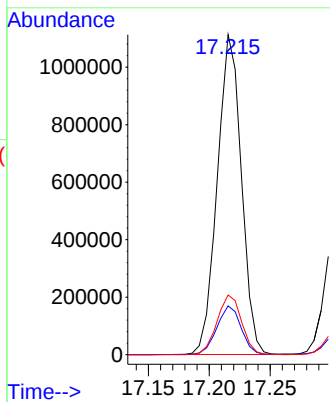
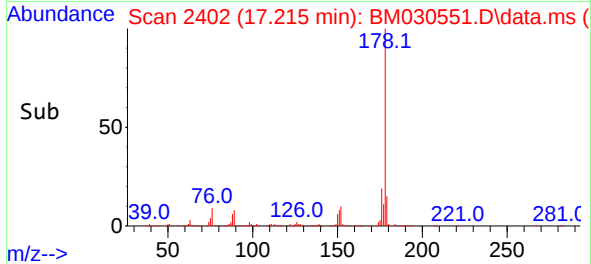


#72
Phenanthrene
Concen: 23.960 ng/ul
RT: 17.215 min Scan# 2402
Delta R.T. -0.006 min
Lab File: BM030551.D
Acq: 23 Jun 2021 13:49

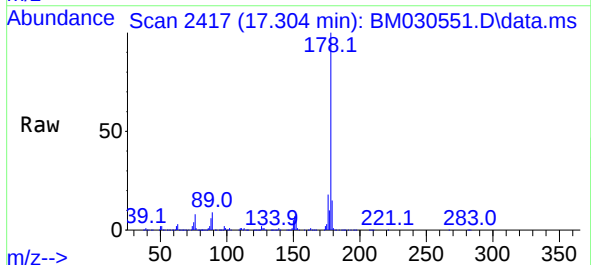


Tgt Ion:178 Resp: 1532203

Ion	Ratio	Lower	Upper
178	100		
179	15.2	12.1	18.1
176	18.6	15.2	22.8

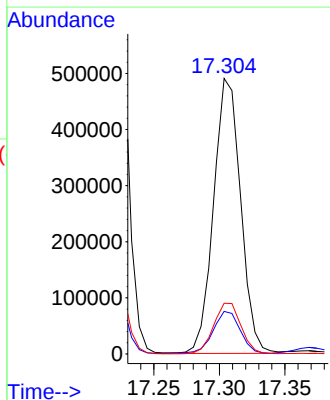
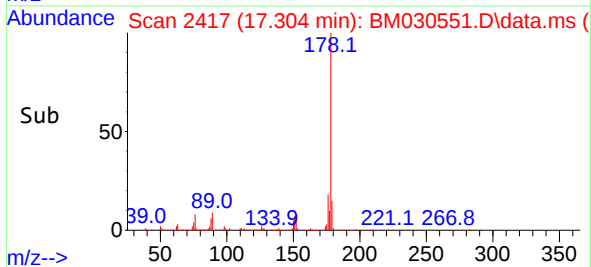


#74
Anthracene
Concen: 10.750 ng/ul
RT: 17.304 min Scan# 2417
Delta R.T. -0.012 min
Lab File: BM030551.D
Acq: 23 Jun 2021 13:49



Tgt Ion:178 Resp: 702914

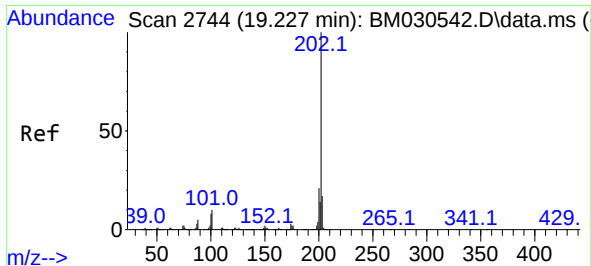
Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.1	18.1
176	18.4	15.2	22.8



Instrument :
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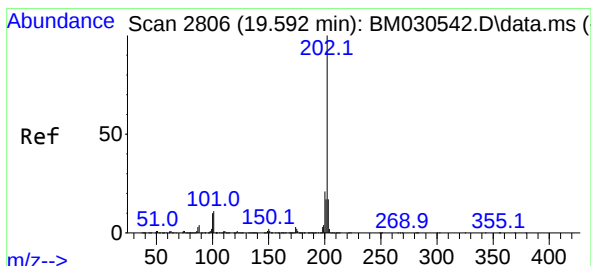
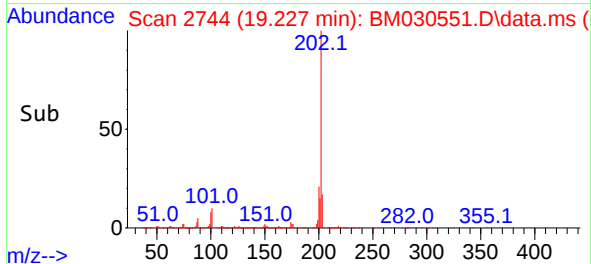
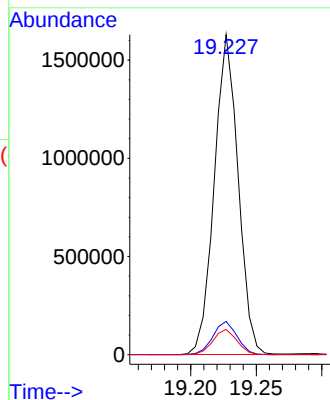
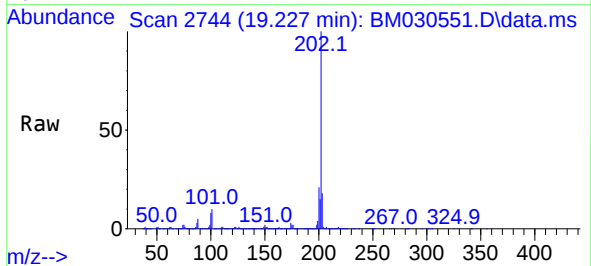
#80
Fluoranthene
Concen: 33.896 ng/ul
RT: 19.227 min Scan# 2744
Delta R.T. -0.006 min
Lab File: BM030551.D
Acq: 23 Jun 2021 13:49

Tgt Ion:202 Resp: 2057192
Ion Ratio Lower Upper
202 100
101 10.4 8.8 13.2
100 7.9 6.8 10.2

Instrument :
BNA_M
ClientSampleId :
BGDF5DL

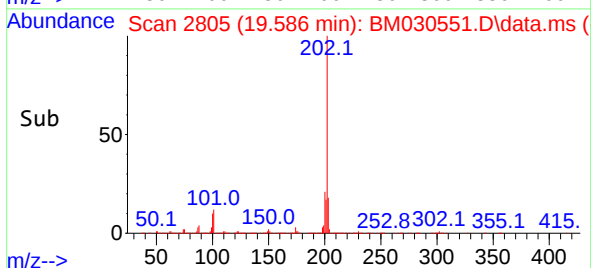
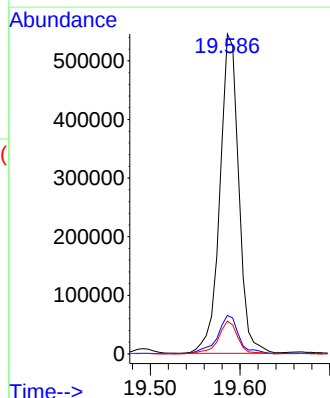
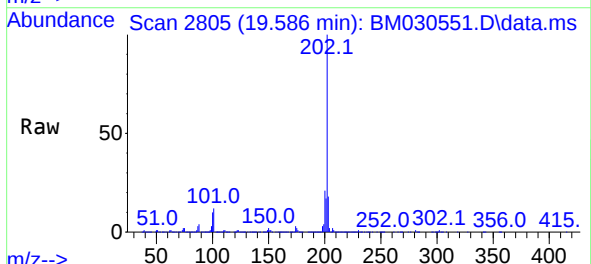
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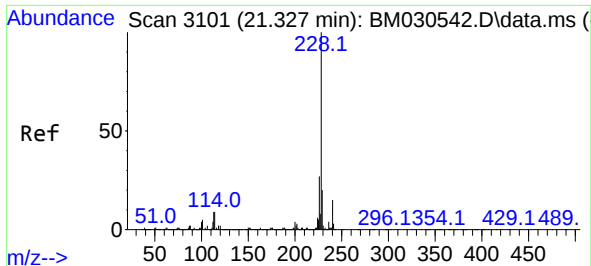
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#82
Pyrene
Concen: 12.451 ng/ul
RT: 19.586 min Scan# 2805
Delta R.T. -0.012 min
Lab File: BM030551.D
Acq: 23 Jun 2021 13:49

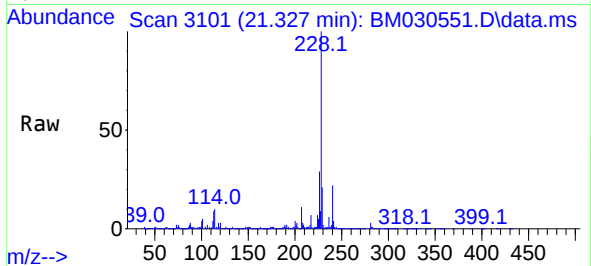
Tgt Ion:202 Resp: 794018
Ion Ratio Lower Upper
202 100
101 12.0 10.0 15.0
100 10.3 8.5 12.7





#85
Benzo(a)anthracene
Concen: 13.584 ng/ul
RT: 21.327 min Scan# 3101
Delta R.T. -0.006 min
Lab File: BM030551.D
Acq: 23 Jun 2021 13:49

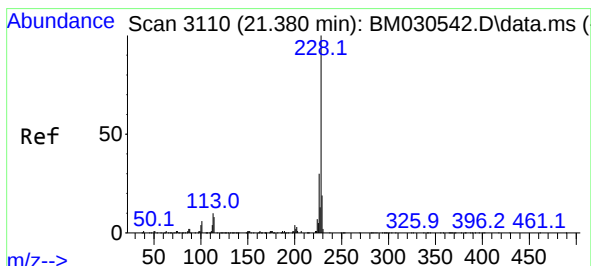
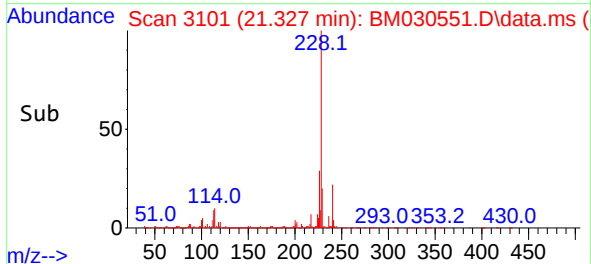
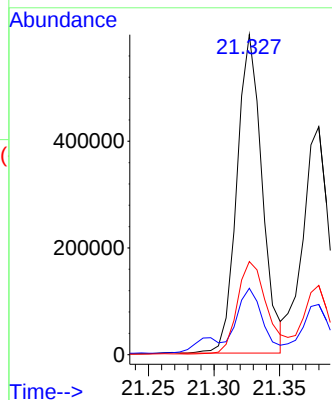
Instrument :
BNA_M
ClientSampleId :
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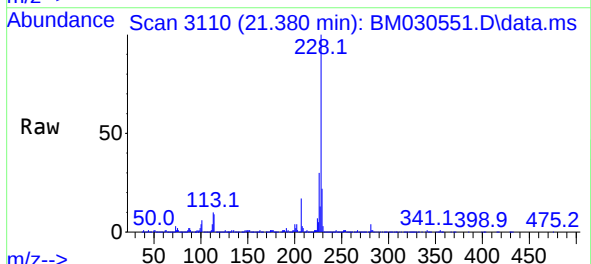
Tgt Ion:228 Resp: 799468
Ion Ratio Lower Upper
228 100
229 20.8 16.0 24.0
226 29.1 22.2 33.2

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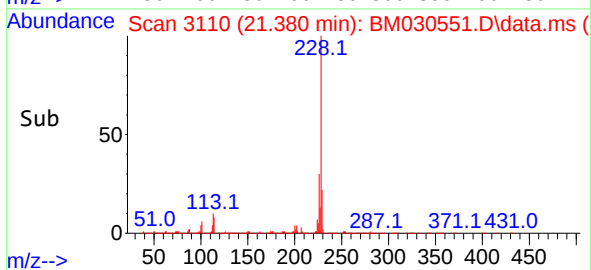
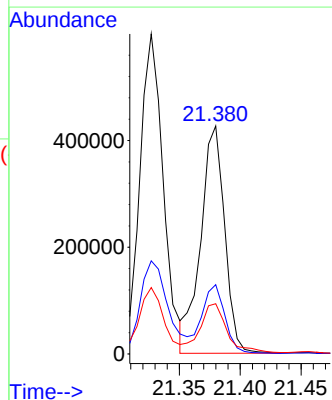
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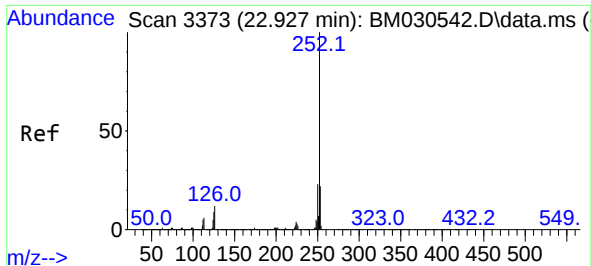


#87
Chrysene
Concen: 10.177 ng/ul
RT: 21.380 min Scan# 3110
Delta R.T. -0.006 min
Lab File: BM030551.D
Acq: 23 Jun 2021 13:49



Tgt Ion:228 Resp: 583896
Ion Ratio Lower Upper
228 100
226 30.4 23.6 35.4
229 22.0 15.9 23.9





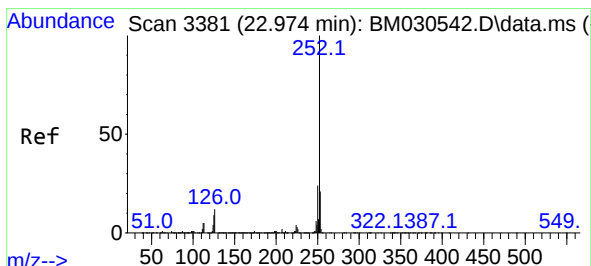
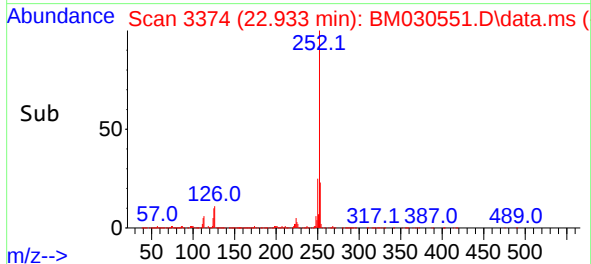
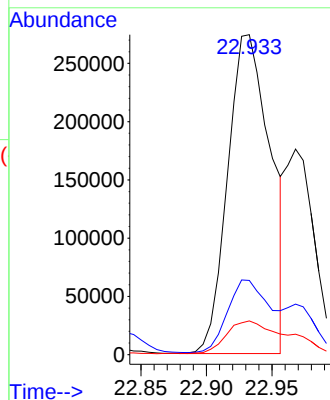
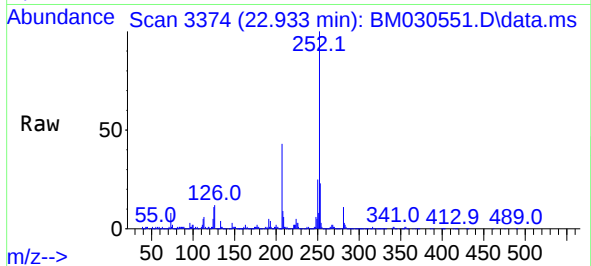
#90
Benzo(b)fluoranthene
Concen: 9.695 ng/ul
RT: 22.933 min Scan# 3374
Delta R.T. -0.006 min
Lab File: BM030551.D
Acq: 23 Jun 2021 13:49

Tgt Ion:252 Resp: 622565
Ion Ratio Lower Upper
252 100
253 23.2 17.8 26.6
125 10.6 7.7 11.5

Instrument :
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BGDF5DL

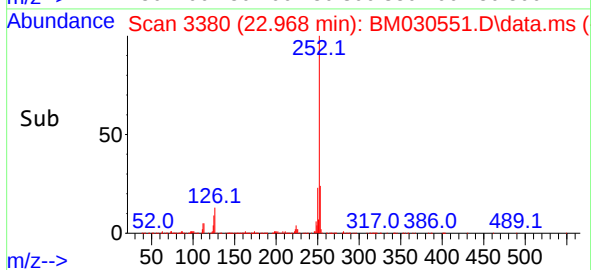
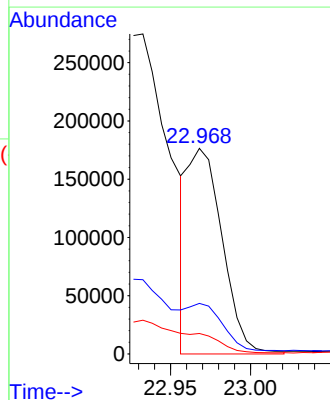
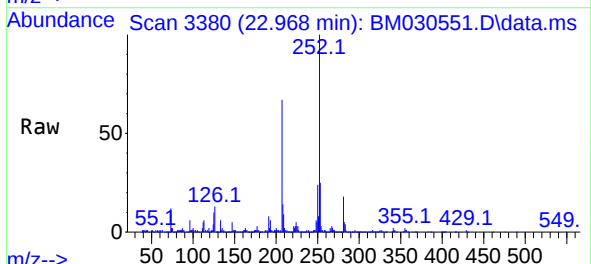
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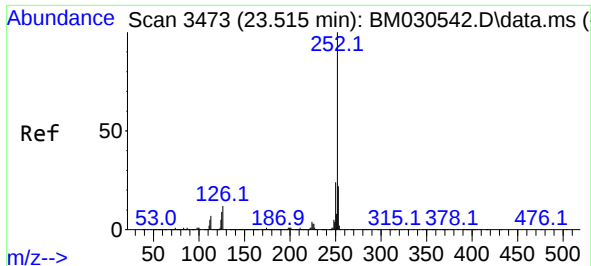
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#91
Benzo(k)fluoranthene
Concen: 4.308 ng/ul m
RT: 22.968 min Scan# 3380
Delta R.T. -0.018 min
Lab File: BM030551.D
Acq: 23 Jun 2021 13:49

Tgt Ion:252 Resp: 265880
Ion Ratio Lower Upper
252 100
253 24.6 17.4 26.2
125 9.9 7.9 11.9





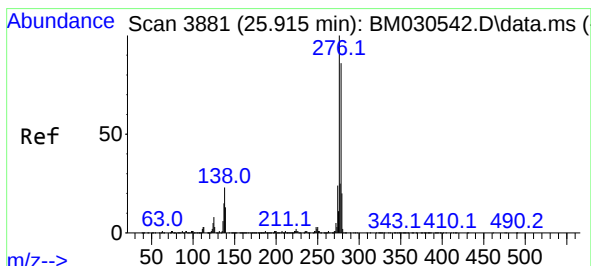
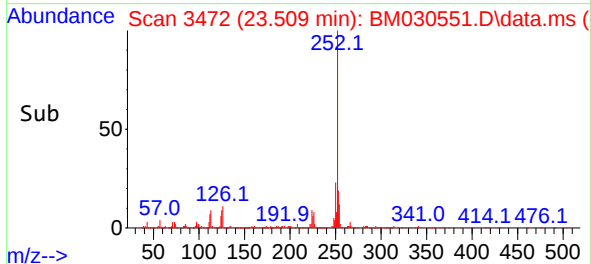
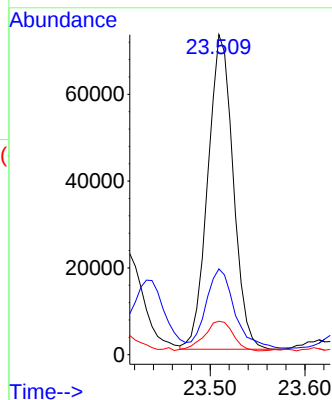
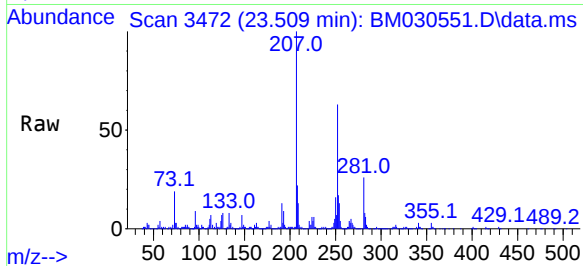
#93
Benzo(a)pyrene
Concen: 2.339 ng/ul
RT: 23.509 min Scan# 3472
Delta R.T. -0.018 min
Lab File: BM030551.D
Acq: 23 Jun 2021 13:49

Tgt Ion:252 Resp: 135080
Ion Ratio Lower Upper
252 100
253 26.8 17.5 26.3#
125 10.5 8.6 13.0

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ClientSampleId :
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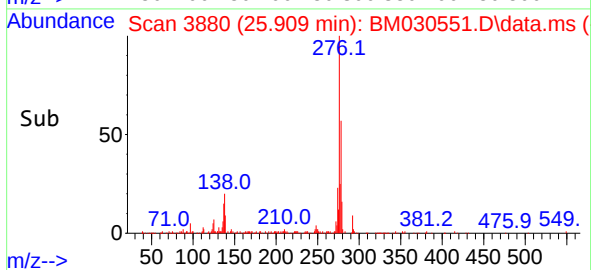
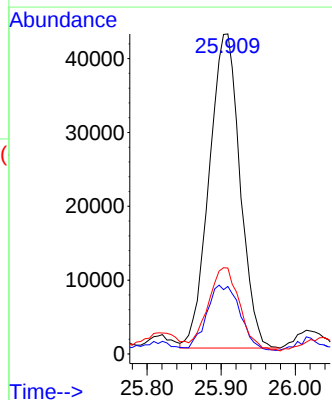
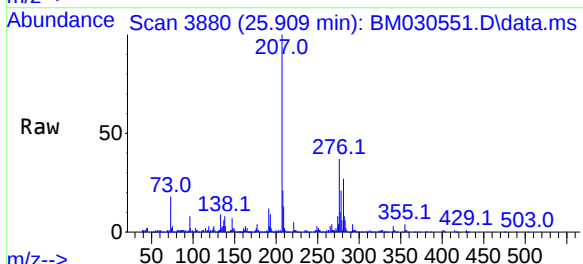
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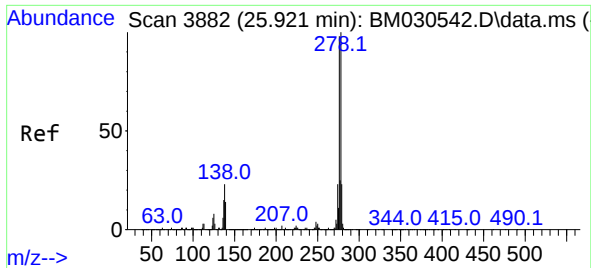
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#94
Indeno(1,2,3-cd)pyrene
Concen: 1.696 ng/ul
RT: 25.909 min Scan# 3880
Delta R.T. -0.024 min
Lab File: BM030551.D
Acq: 23 Jun 2021 13:49

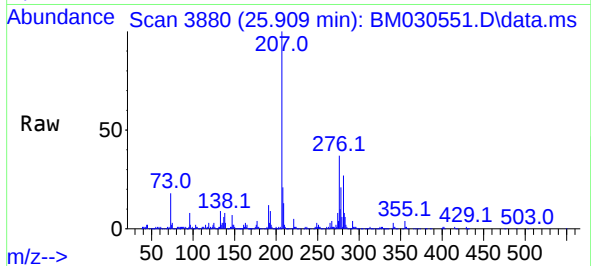
Tgt Ion:276 Resp: 123271
Ion Ratio Lower Upper
276 100
138 21.1 19.5 29.3
277 26.8 19.6 29.4





#95
 Dibenzo(a,h)anthracene
 Concen: 1.274 ng/ul
 RT: 25.909 min Scan# 3880
 Delta R.T. -0.029 min
 Lab File: BM030551.D
 Acq: 23 Jun 2021 13:49

Instrument :
 BNA_M
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 BGDF5DL



Tgt Ion: 278 Resp: 76763

Ion	Ratio	Lower	Upper
278	100		
139	16.6	12.8	19.2
279	30.7	19.1	28.7#

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