

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062221\
 Data File : BM030531.D
 Acq On : 23 Jun 2021 00:47
 Operator : CG/JU
 Sample : M2662-17
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BGDE6

Manual Integrations
 APPROVED

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Quant Time: Jun 23 01:33:02 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	7.810	152	146537	20.000	ng/u1	0.00
20) Naphthalene-d8	10.598	136	622662	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.439	164	412088	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.174	188	871367	20.000	ng/u1	0.00
79) Chrysene-d12	21.339	240	749698	20.000	ng/u1	-0.01
88) Perylene-d12	23.609	264	633657	20.000	ng/u1	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.281	96	12154	3.363	ng/uL	0.00
4) Pyridine-d5	3.716	84	57867m	5.959	ng/u1	0.02
7) Phenol-d5	6.975	99	214062	16.938	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.139	67	144252	18.160	ng/u1	0.00
11) 2-Chlorophenol-d4	7.339	132	176665	18.110	ng/u1	0.00
15) 4-Methylphenol-d8	8.510	113	176432	17.939	ng/u1	0.00
21) Nitrobenzene-d5	8.963	128	82885	17.839	ng/u1	0.00
24) 2-Nitrophenol-d4	9.680	143	87891	17.021	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.222	165	172585	17.448	ng/u1	0.00
31) 4-Chloroaniline-d4	10.733	131	180906	13.115	ng/u1	0.00
46) Dimethylphthalate-d6	13.845	166	582013	20.455	ng/u1	0.00
49) Acenaphthylene-d8	14.127	160	675649	18.293	ng/u1	0.00
54) 4-Nitrophenol-d4	14.639	143	49736	9.227	ng/u1	0.00
60) Fluorene-d10	15.427	176	510276	20.220	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.551	200	58843	10.322	ng/u1	0.00
73) Anthracene-d10	17.274	188	808568	19.883	ng/u1	0.00
81) Pyrene-d10	19.562	212	694777	17.686	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.462	264	354806	10.770	ng/u1	-0.02
Target Compounds						
					Qvalue	
80) Fluoranthene	19.227	202	202312	4.217	ng/u1	99
82) Pyrene	19.592	202	120247	2.385	ng/u1	98
85) Benzo(a)anthracene	21.327	228	128094	2.753	ng/u1	96
86) Bis(2-ethylhexyl)phtha...	21.256	149	95558	4.004	ng/u1	99
87) Chrysene	21.380	228	95868	2.114	ng/u1	98
90) Benzo(b)fluoranthene	22.927	252	103471	2.572	ng/u1#	95
91) Benzo(k)fluoranthene	22.968	252	39827m	1.030	ng/u1	

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

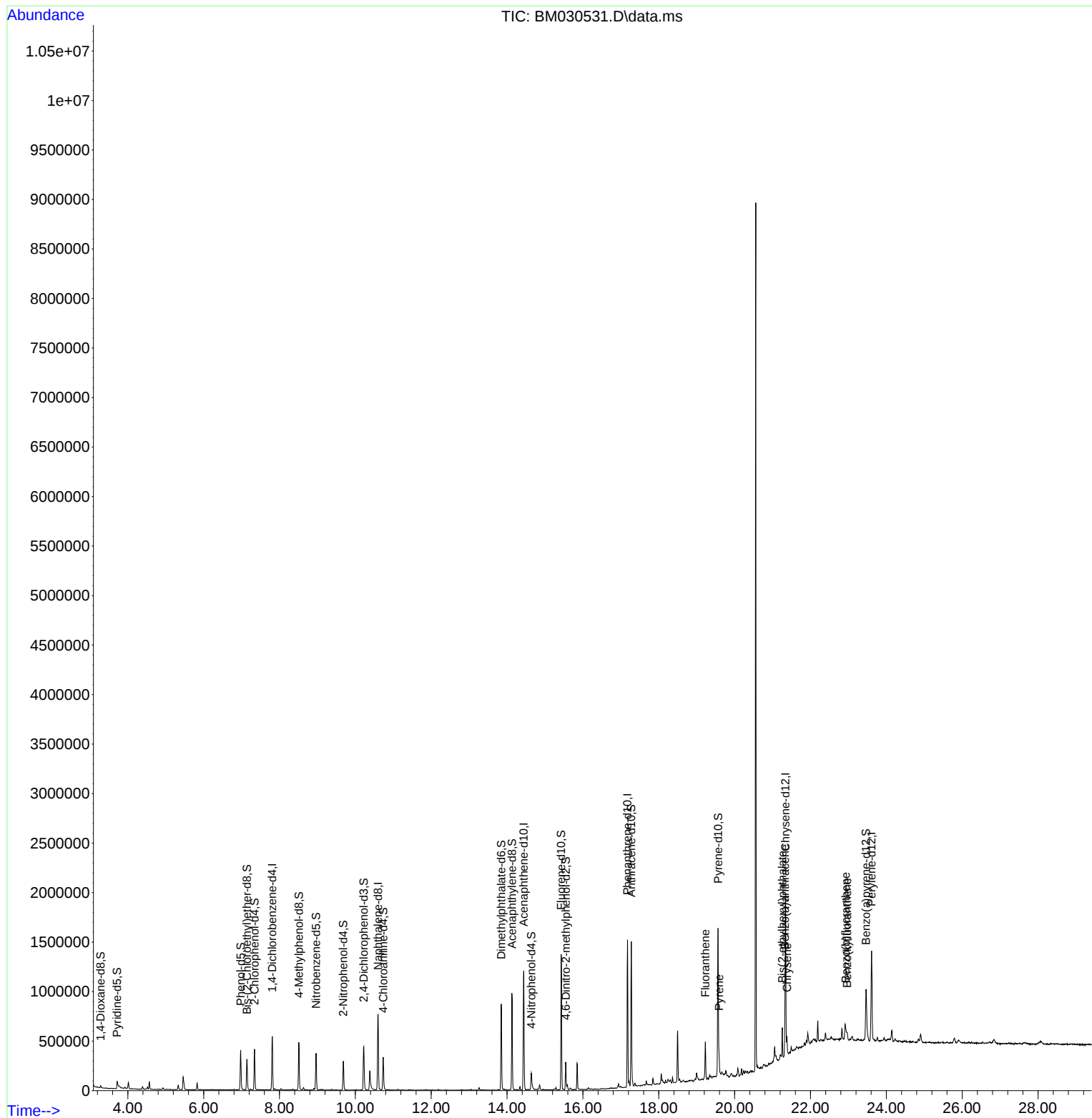
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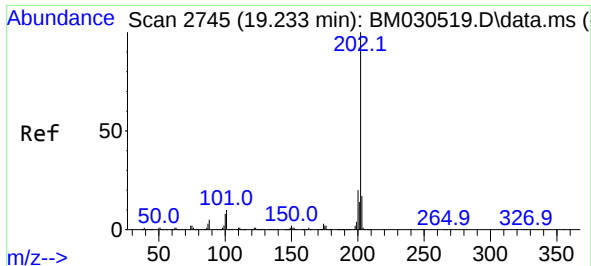
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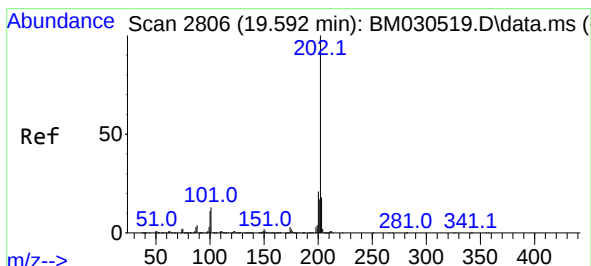
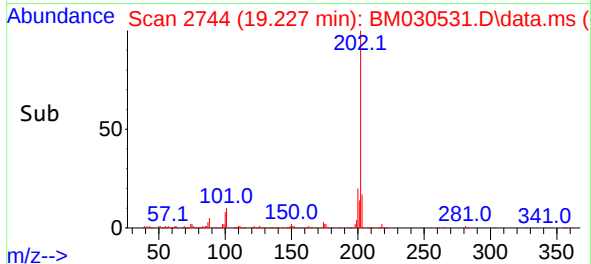
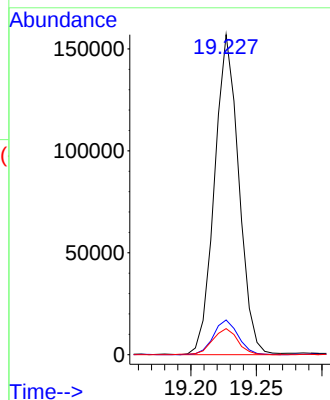
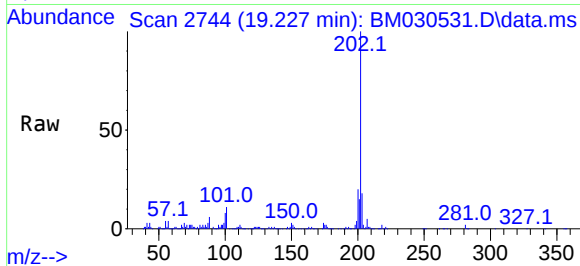
#80
Fluoranthene
Concen: 4.217 ng/ul
RT: 19.227 min Scan# 2744
Delta R.T. -0.006 min
Lab File: BM030531.D
Acq: 23 Jun 2021 00:47

Tgt Ion:202 Resp: 202312
Ion Ratio Lower Upper
202 100
101 10.8 8.8 13.2
100 8.2 6.8 10.2

Instrument :
BNA_M
ClientSampled :
BGDE6

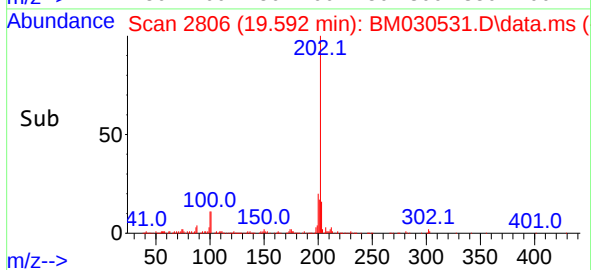
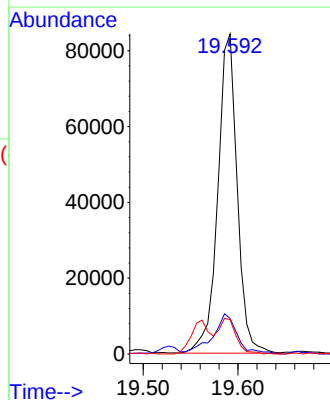
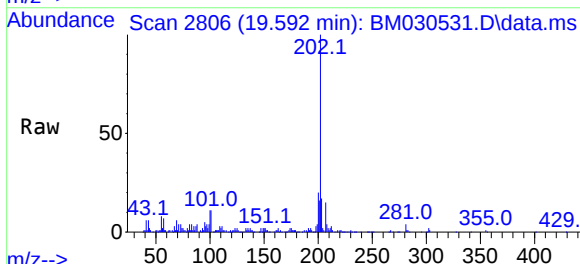
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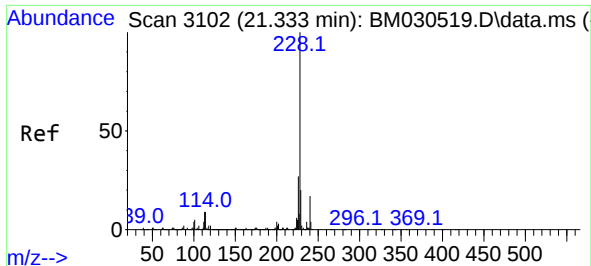
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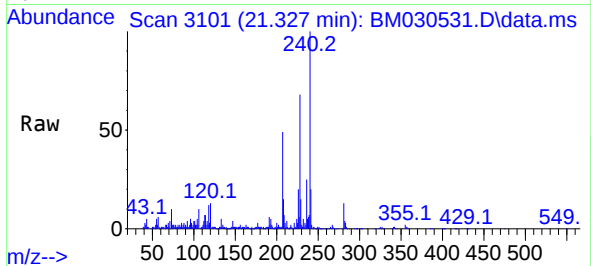
#82
Pyrene
Concen: 2.385 ng/ul
RT: 19.592 min Scan# 2806
Delta R.T. -0.006 min
Lab File: BM030531.D
Acq: 23 Jun 2021 00:47

Tgt Ion:202 Resp: 120247
Ion Ratio Lower Upper
202 100
101 11.1 10.0 15.0
100 10.7 8.5 12.7

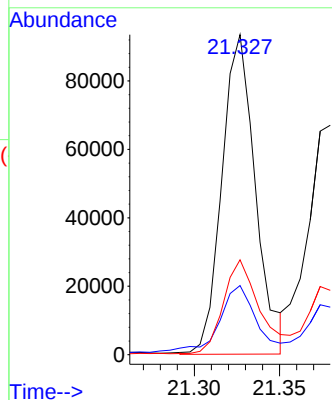
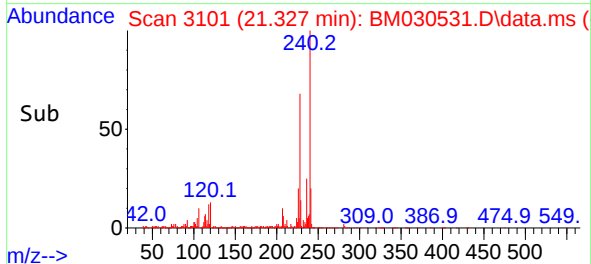




#85
Benzo(a)anthracene
Concen: 2.753 ng/ul
RT: 21.327 min Scan# 3101
Delta R.T. -0.006 min
Lab File: BM030531.D
Acq: 23 Jun 2021 00:47



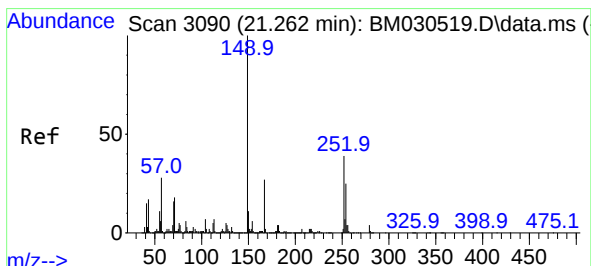
Tgt Ion:228 Resp: 128094
Ion Ratio Lower Upper
228 100
229 21.6 16.0 24.0
226 29.7 22.2 33.2



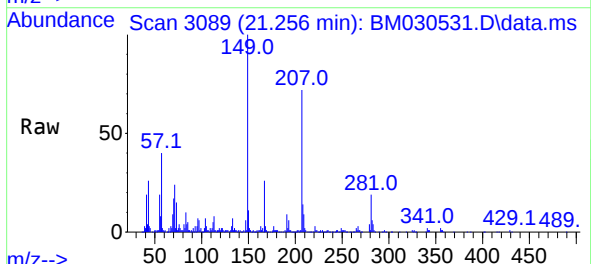
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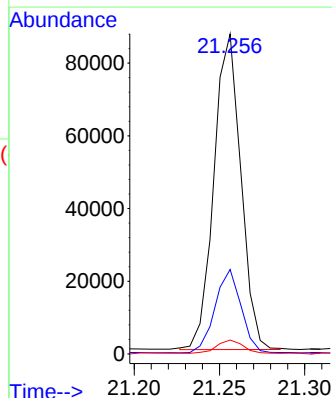
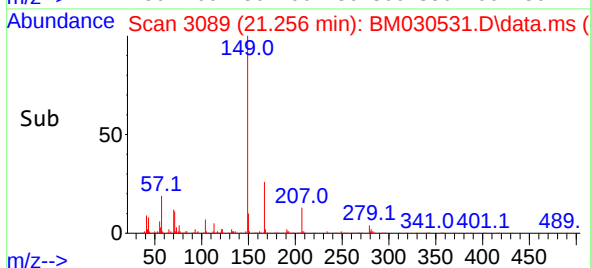
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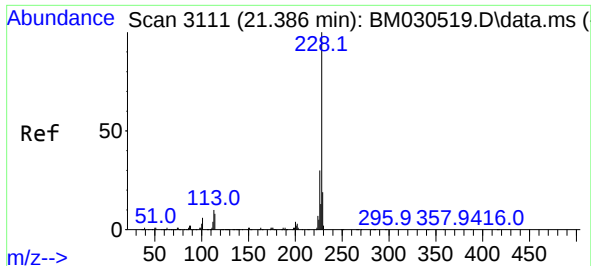


#86
Bis(2-ethylhexyl)phthalate
Concen: 4.004 ng/ul
RT: 21.256 min Scan# 3089
Delta R.T. -0.006 min
Lab File: BM030531.D
Acq: 23 Jun 2021 00:47



Tgt Ion:149 Resp: 95558
Ion Ratio Lower Upper
149 100
167 26.4 20.7 31.1
279 4.4 3.0 4.4





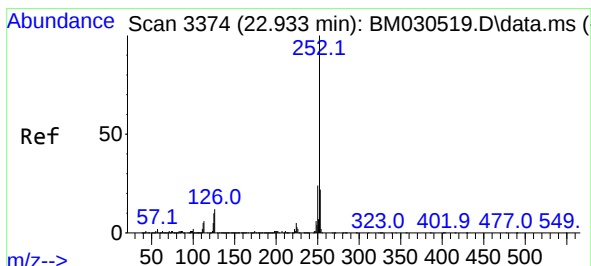
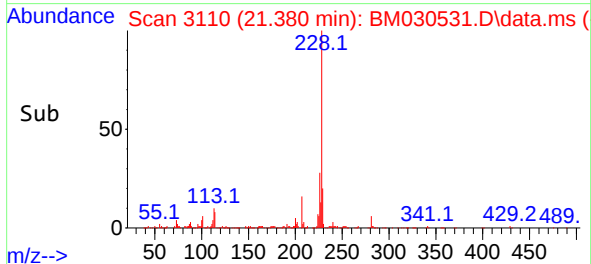
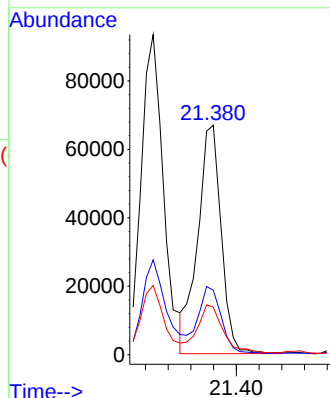
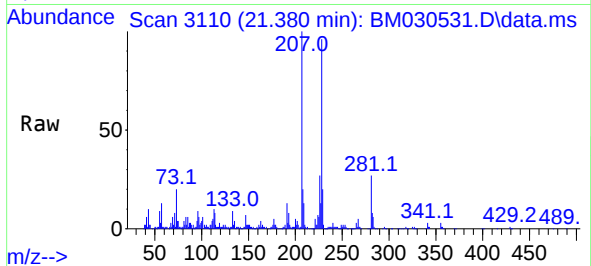
#87
Chrysene
Concen: 2.114 ng/ul
RT: 21.380 min Scan# 3110
Delta R.T. -0.006 min
Lab File: BM030531.D
Acq: 23 Jun 2021 00:47

Tgt Ion:228 Resp: 95868
Ion Ratio Lower Upper
228 100
226 28.0 23.6 35.4
229 20.7 15.9 23.9

Instrument :
BNA_M
ClientSampleId :
BGDE6

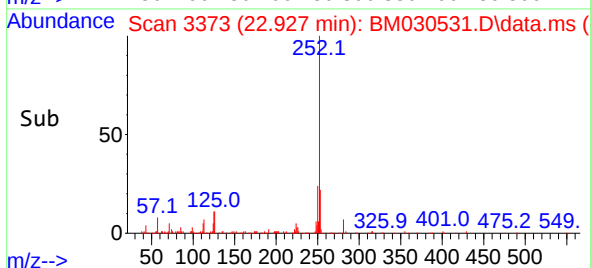
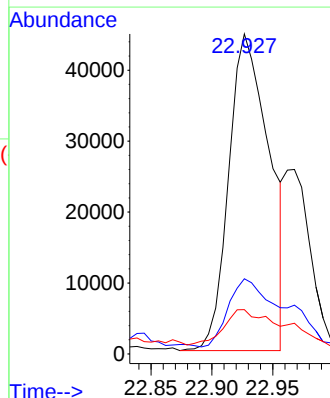
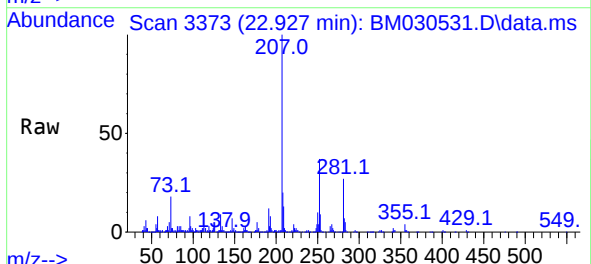
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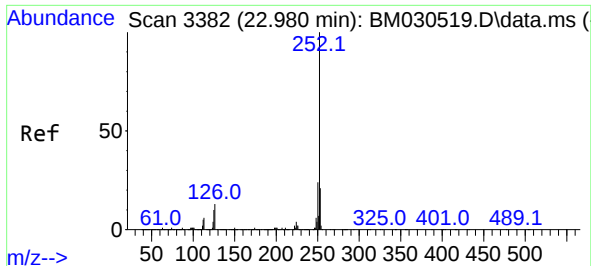
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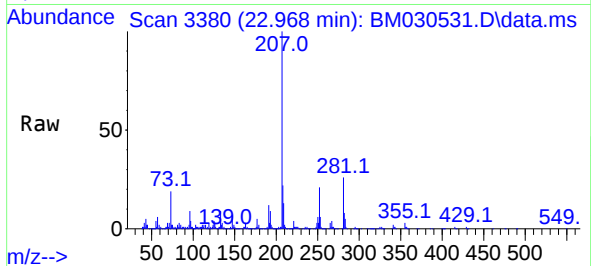
#90
Benzo(b)fluoranthene
Concen: 2.572 ng/ul
RT: 22.927 min Scan# 3373
Delta R.T. -0.012 min
Lab File: BM030531.D
Acq: 23 Jun 2021 00:47

Tgt Ion:252 Resp: 103471
Ion Ratio Lower Upper
252 100
253 23.5 17.8 26.6
125 13.8 7.7 11.5#

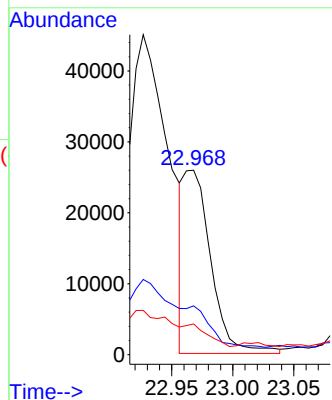
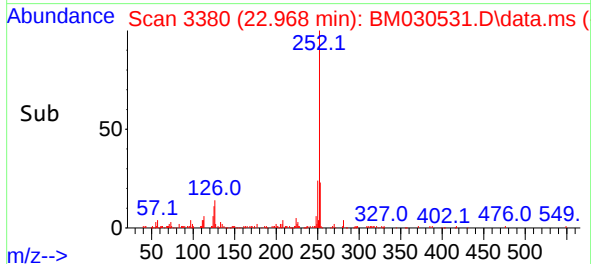




#91
Benzo(k)fluoranthene
Concen: 1.030 ng/ul m
RT: 22.968 min Scan# 3380
Delta R.T. -0.018 min
Lab File: BM030531.D
Acq: 23 Jun 2021 00:47



Tgt Ion: 252 Resp: 39827
Ion Ratio Lower Upper
252 100
253 26.5 17.4 26.2#
125 16.7 7.9 11.9#



Instrument :
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