

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080521\
 Data File : BM031549.D
 Acq On : 07 Aug 2021 13:34
 Operator : CG/JU
 Sample : M3124-19DL 5X
 Misc :
 ALS Vial : 75 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0099DL

Manual Integrations
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Quant Time: Aug 08 04:01:38 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM072821.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 06 18:39:21 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.583	152	1468	0.400	ng/ul	0.00
4) Naphthalene-d8	10.347	136	5282	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.216	164	2824	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.968	188	5207	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.163	240	4246	0.400	ng/ul	# 0.00
23) Perylene-d12	23.319	264	4239	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.192	96	583	0.358	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.948	152	187	0.021	ng/ul	0.00
18) Fluoranthene-d10	18.997	212	393	0.028	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.397	128	405	0.026	ng/ul#	60
7) 2-Methylnaphthalene	12.020	142	320	0.030	ng/ul	100
10) Acenaphthylene	13.936	152	450	0.037	ng/ul#	70
15) Phenanthrene	17.009	178	3015	0.182	ng/ul	98
16) Anthracene	17.099	178	668	0.043	ng/ul#	77
19) Fluoranthene	19.031	202	8986	0.496	ng/ul#	95
20) Pyrene	19.393	202	7642	0.416	ng/ul#	94
21) Benzo(a)anthracene	21.147	228	4242	0.247	ng/ul	94
22) Chrysene	21.197	228	4769m	0.269	ng/ul	
24) Benzo(b)fluoranthene	22.682	252	6494m	0.340	ng/ul	
25) Benzo(k)fluoranthene	22.718	252	2522m	0.128	ng/ul	
26) Benzo(a)pyrene	23.224	252	4119	0.246	ng/ul#	76
27) Indeno(1,2,3-cd)pyrene	25.453	276	3012	0.139	ng/ul#	99
28) Dibenzo(a,h)anthracene	25.468	278	813	0.047	ng/ul#	16
29) Benzo(g,h,i)perylene	26.105	276	2064	0.112	ng/ul#	77

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

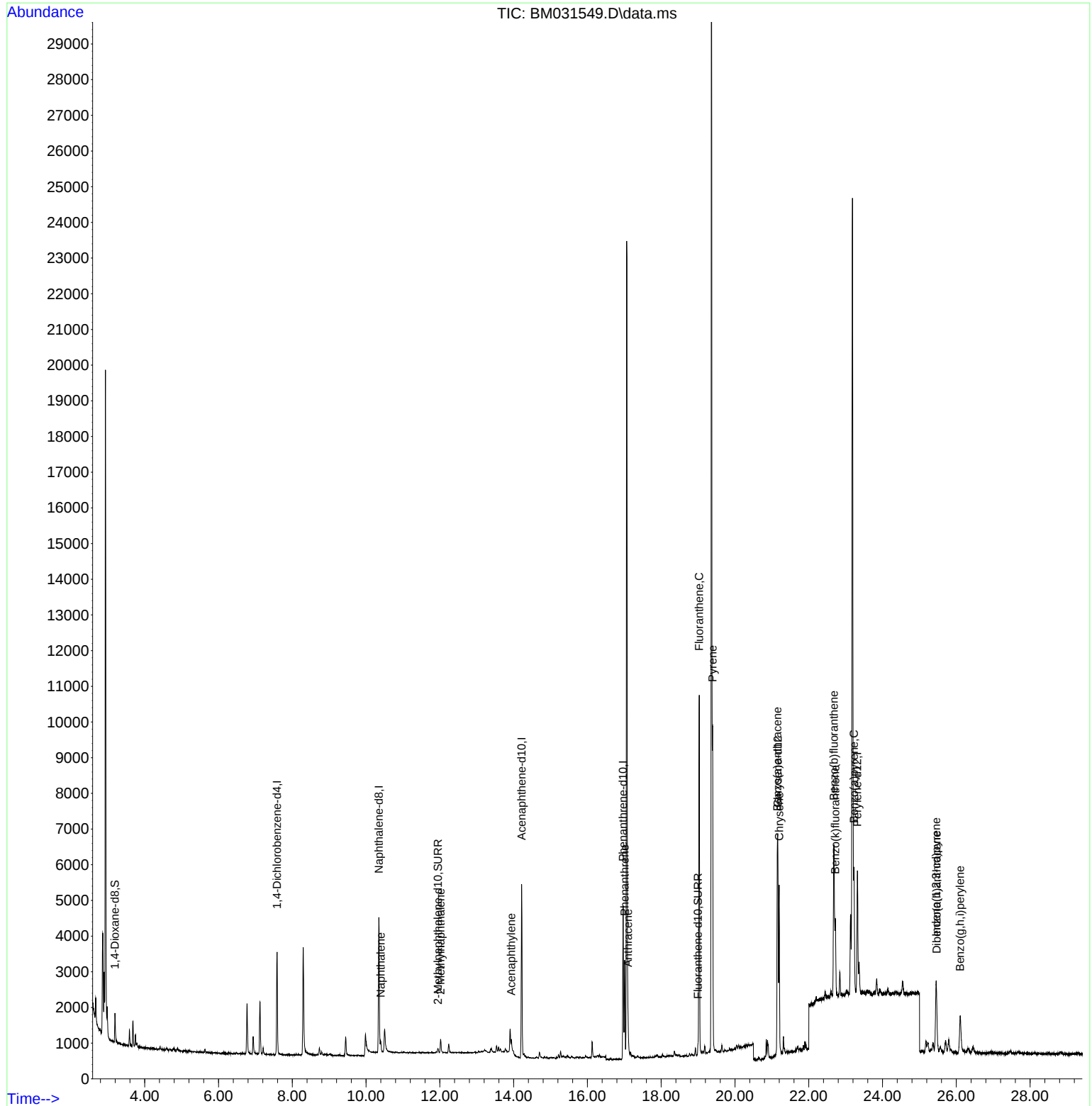
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Data File : BM031549.D
Acq On : 07 Aug 2021 13:34
Operator : CG/JU
Sample : M3124-19DL 5X
Misc :
ALS Vial : 75 Sample Multiplier: 1

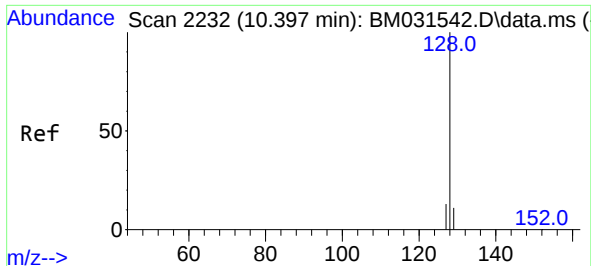
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM072821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 06 18:39:21 2021
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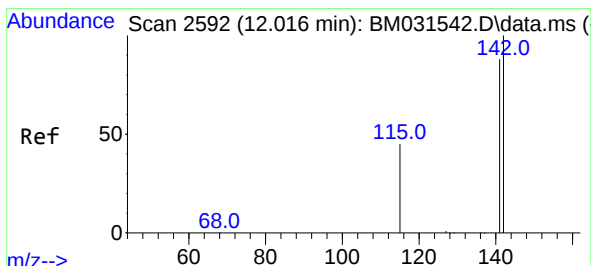
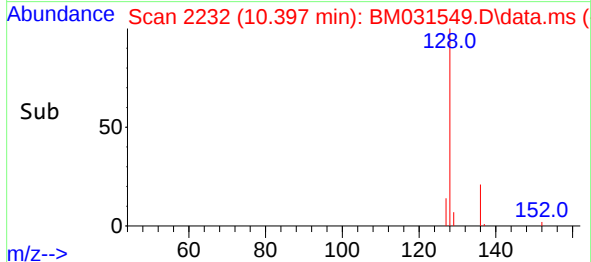
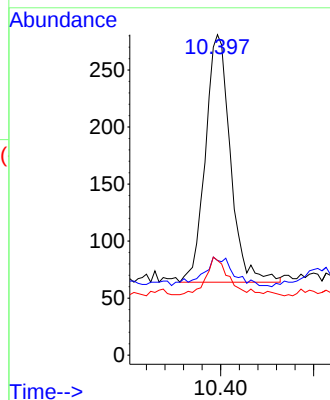
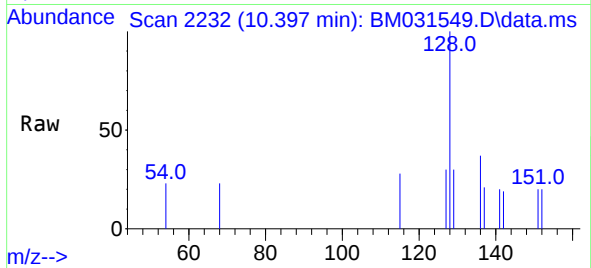
#5
Naphthalene
Concen: 0.026 ng/ul
RT: 10.397 min Scan# 2232
Delta R.T. 0.001 min
Lab File: BM031549.D
Acq: 07 Aug 2021 13:34

Tgt Ion:	128	Resp:	405
Ion	Ratio	Lower	Upper
128	100		
129	29.5	10.0	15.0#
127	29.5	11.6	17.4#

Instrument :
BNA_M
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C0099DL

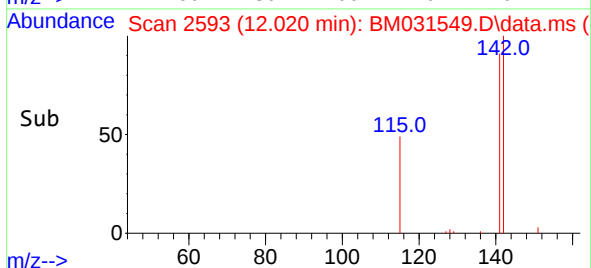
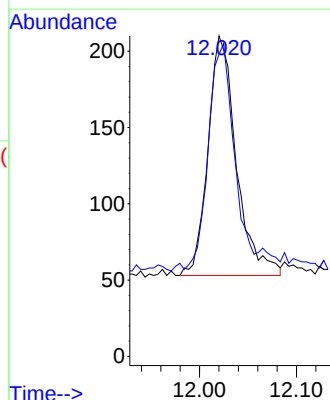
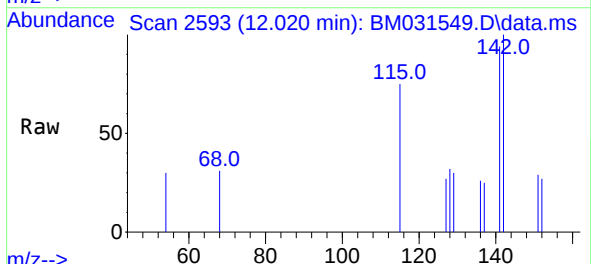
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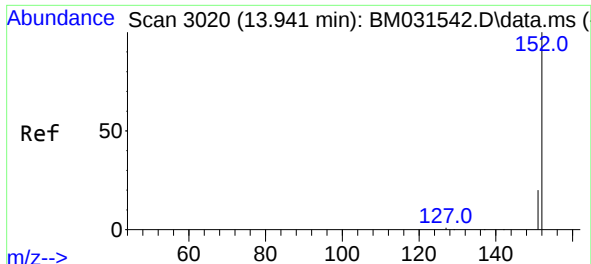
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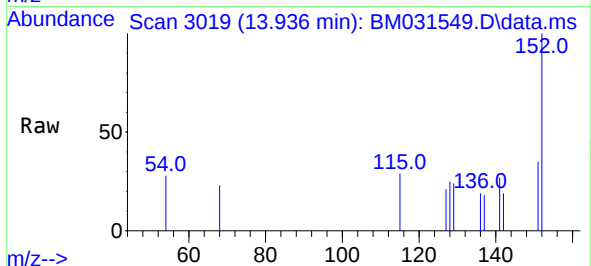
#7
2-Methylnaphthalene
Concen: 0.030 ng/ul
RT: 12.020 min Scan# 2593
Delta R.T. 0.001 min
Lab File: BM031549.D
Acq: 07 Aug 2021 13:34

Tgt Ion:	142	Resp:	320
Ion	Ratio	Lower	Upper
142	100		
141	89.4	71.4	107.0

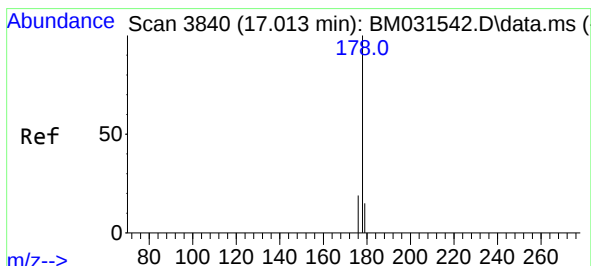
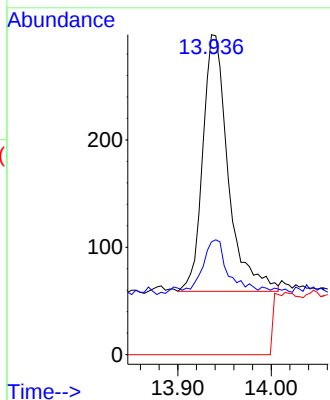
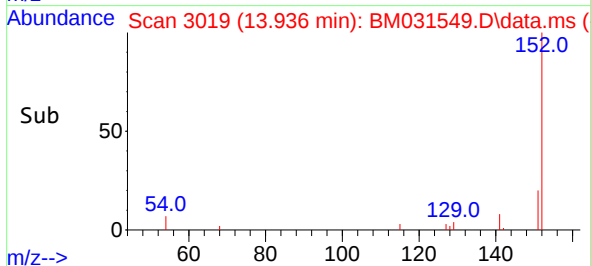




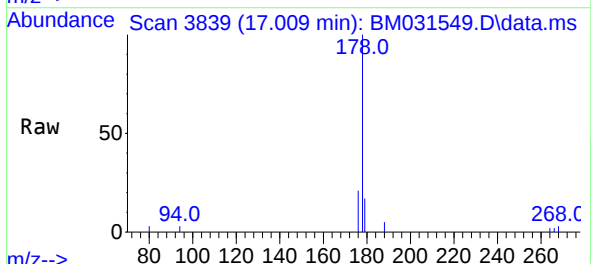
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Acenaphthylene
Concen: 0.037 ng/ul
RT: 13.936 min Scan# 3019
Delta R.T. -0.004 min
Lab File: BM031549.D
Acq: 07 Aug 2021 13:34



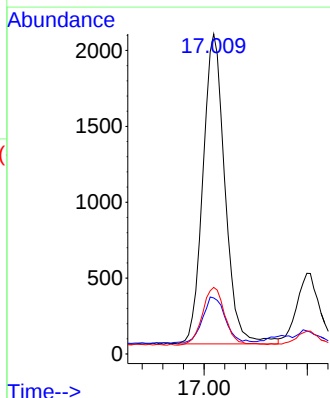
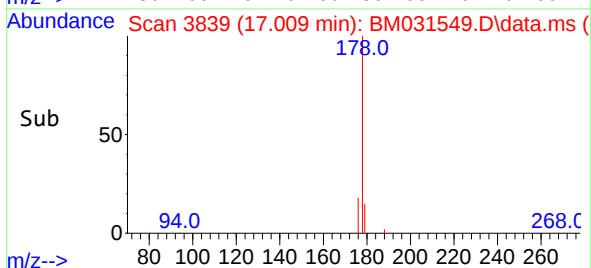
Tgt Ion:152 Resp: 450
Ion Ratio Lower Upper
152 100
151 35.2 16.9 25.3#
153 0.0 0.0 0.0



#15
Phenanthrene
Concen: 0.182 ng/ul
RT: 17.009 min Scan# 3839
Delta R.T. -0.003 min
Lab File: BM031549.D
Acq: 07 Aug 2021 13:34



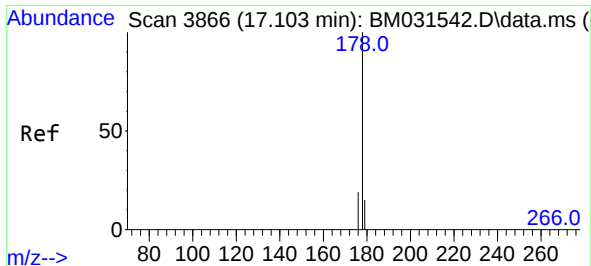
Tgt Ion:178 Resp: 3015
Ion Ratio Lower Upper
178 100
179 17.5 13.3 19.9
176 20.8 16.2 24.4



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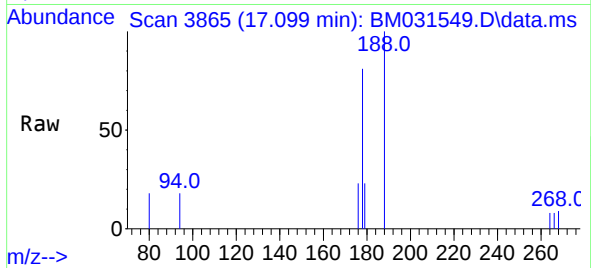
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#16
 Anthracene
 Concen: 0.043 ng/ul
 RT: 17.099 min Scan# 3865
 Delta R.T. -0.003 min
 Lab File: BM031549.D
 Acq: 07 Aug 2021 13:34

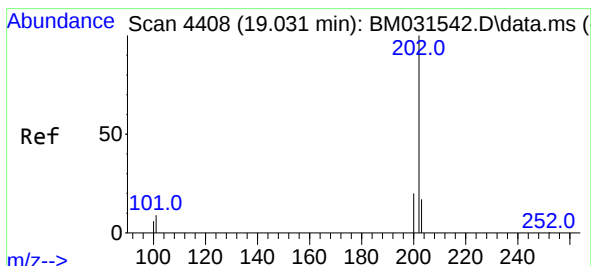
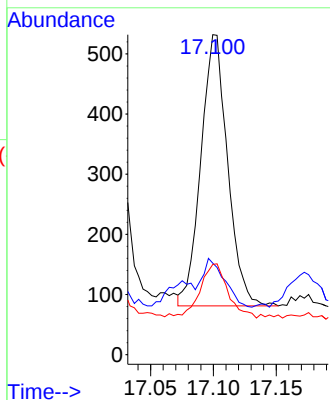
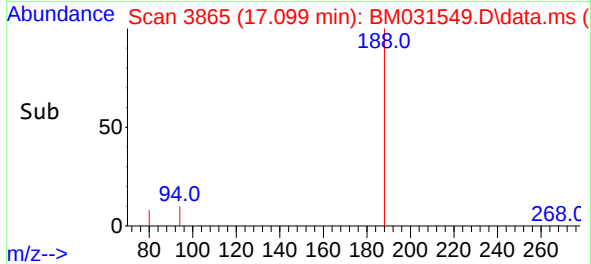
Instrument :
 BNA_M
 ClientSampleID :
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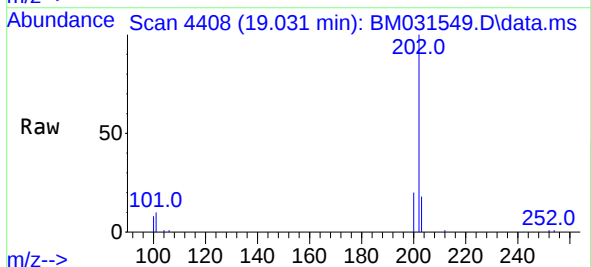
Tgt Ion:	178	Resp:	668
Ion	Ratio	Lower	Upper
178	100		
179	28.6	13.0	19.6#
176	28.2	15.6	23.4#

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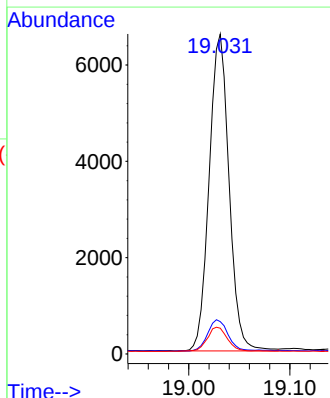
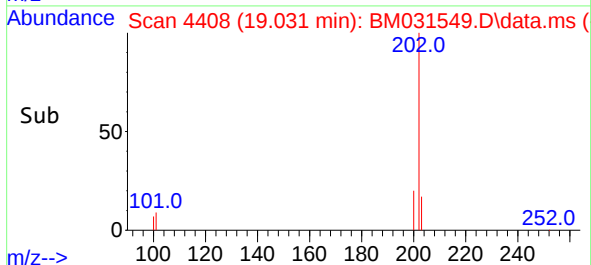
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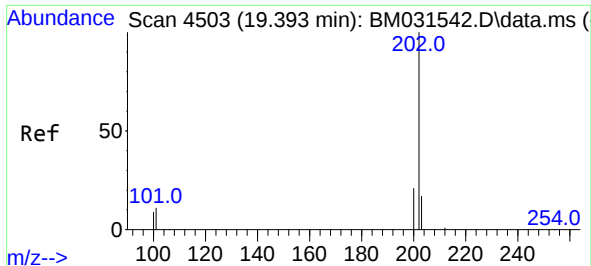


#19
 Fluoranthene
 Concen: 0.496 ng/ul
 RT: 19.031 min Scan# 4408
 Delta R.T. 0.000 min
 Lab File: BM031549.D
 Acq: 07 Aug 2021 13:34



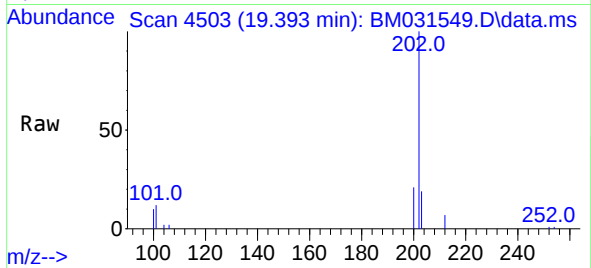
Tgt Ion:	202	Resp:	8986
Ion	Ratio	Lower	Upper
202	100		
101	10.1	6.6	10.0#
100	8.1	5.4	8.0#





#20
Pyrene
Concen: 0.416 ng/ul
RT: 19.393 min Scan# 4503
Delta R.T. -0.004 min
Lab File: BM031549.D
Acq: 07 Aug 2021 13:34

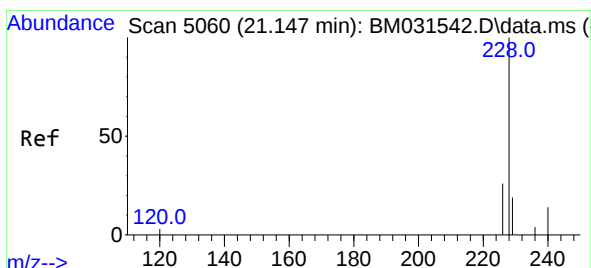
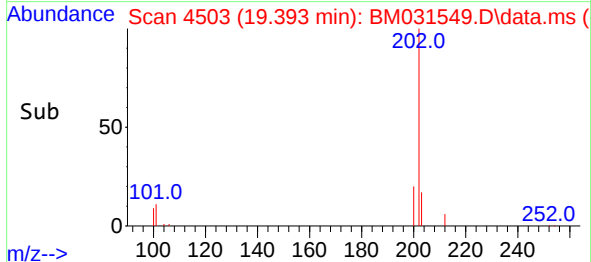
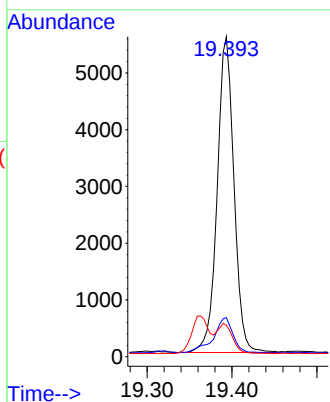
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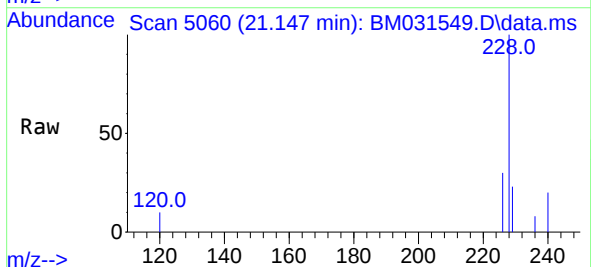
Tgt Ion:202 Resp: 7642
Ion Ratio Lower Upper
202 100
101 12.2 7.8 11.6#
100 9.9 6.6 10.0

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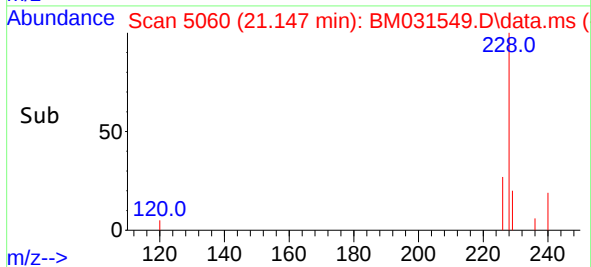
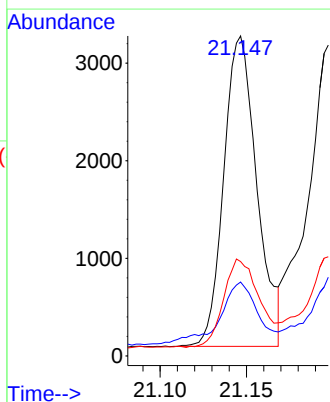
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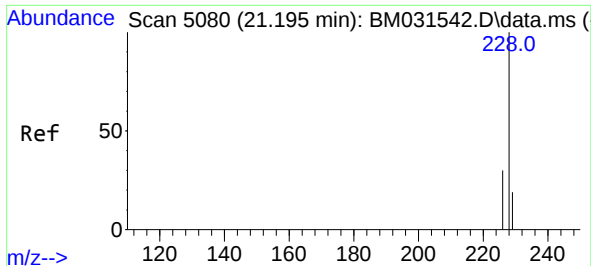


#21
Benzo(a)anthracene
Concen: 0.247 ng/ul
RT: 21.147 min Scan# 5060
Delta R.T. -0.005 min
Lab File: BM031549.D
Acq: 07 Aug 2021 13:34

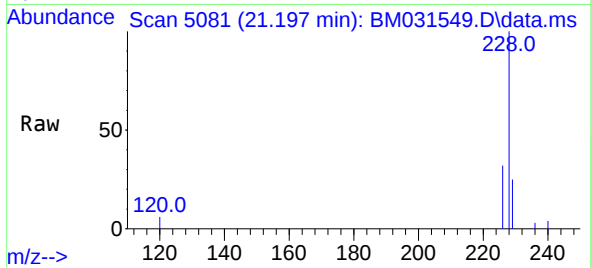


Tgt Ion:228 Resp: 4242
Ion Ratio Lower Upper
228 100
229 23.1 15.6 23.4
226 29.5 21.7 32.5

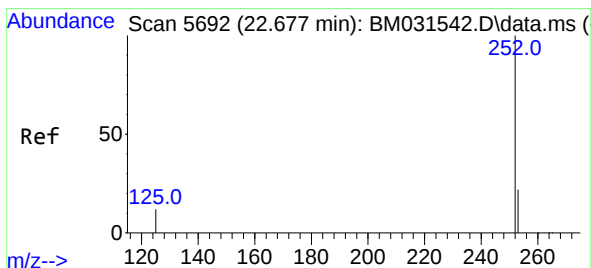
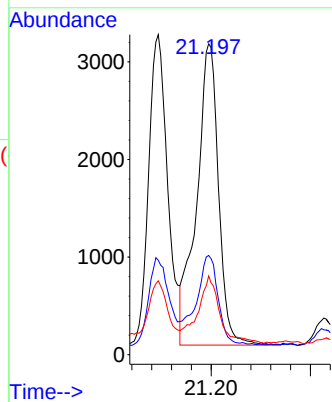
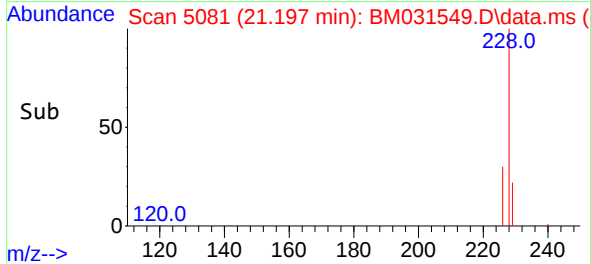




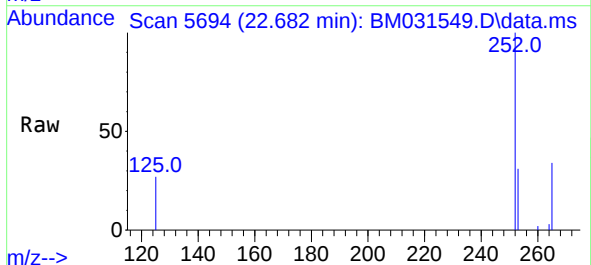
#22
Chrysene
Concen: 0.269 ng/ul m
RT: 21.197 min Scan# 5081
Delta R.T. -0.002 min
Lab File: BM031549.D
Acq: 07 Aug 2021 13:34



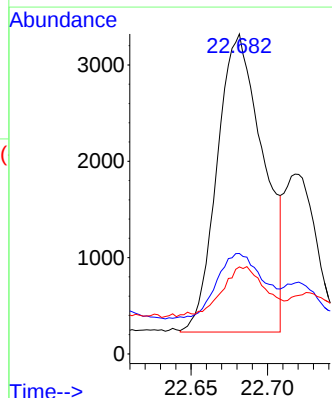
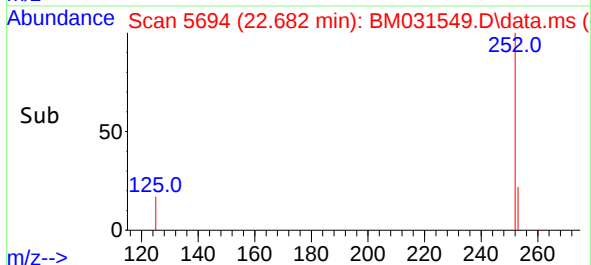
Tgt Ion:228 Resp: 4769
Ion Ratio Lower Upper
228 100
226 31.9 24.7 37.1
229 25.3 16.2 24.2#



#24
Benzo(b)fluoranthene
Concen: 0.340 ng/ul m
RT: 22.682 min Scan# 5694
Delta R.T. 0.000 min
Lab File: BM031549.D
Acq: 07 Aug 2021 13:34



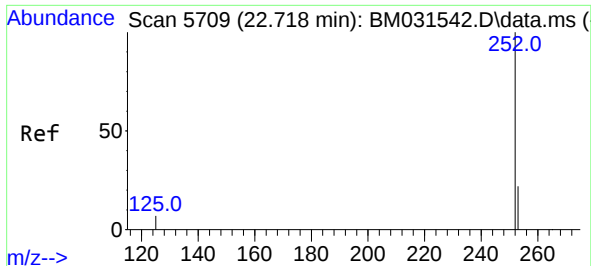
Tgt Ion:252 Resp: 6494
Ion Ratio Lower Upper
252 100
253 31.4 0.0 53.0
125 27.2 0.0 22.8#



Instrument :
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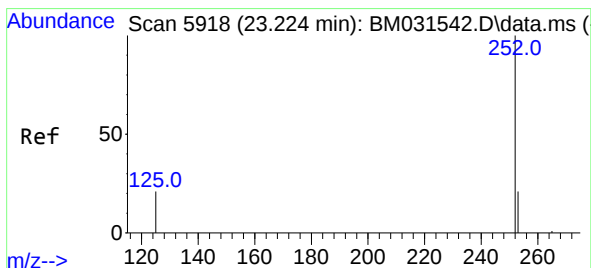
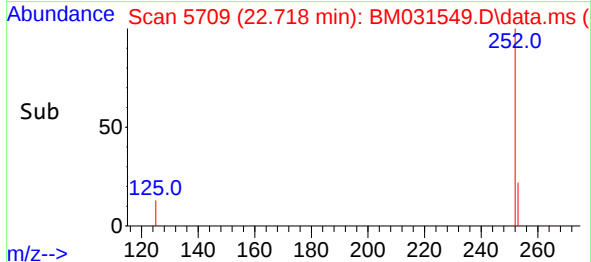
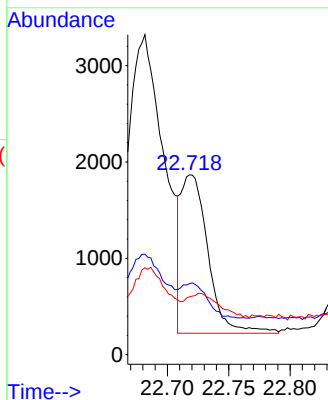
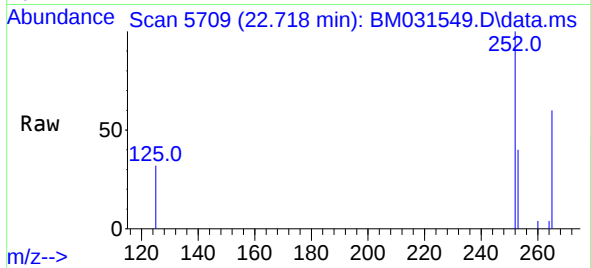
#25
Benzo(k)fluoranthene
Concen: 0.128 ng/ul m
RT: 22.718 min Scan# 5709
Delta R.T. -0.005 min
Lab File: BM031549.D
Acq: 07 Aug 2021 13:34

Tgt Ion:	252	Resp:	2522
Ion Ratio	Lower	Upper	
252	100		
253	39.5	21.3	31.9#
125	32.2	8.8	13.2#

Instrument :
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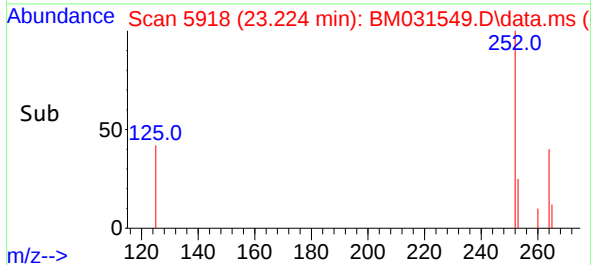
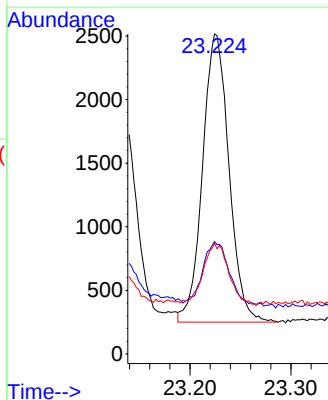
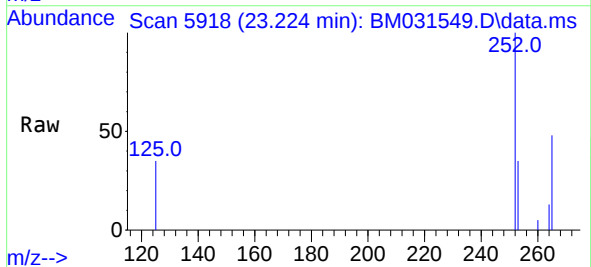
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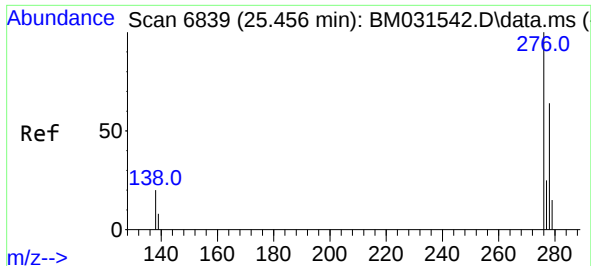
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#26
Benzo(a)pyrene
Concen: 0.246 ng/ul
RT: 23.224 min Scan# 5918
Delta R.T. -0.007 min
Lab File: BM031549.D
Acq: 07 Aug 2021 13:34

Tgt Ion:	252	Resp:	4119
Ion Ratio	Lower	Upper	
252	100		
253	35.1	22.4	33.6#
125	34.6	13.0	19.4#





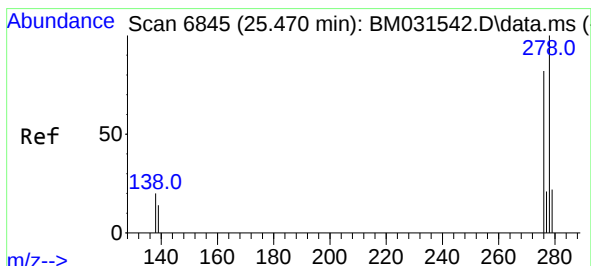
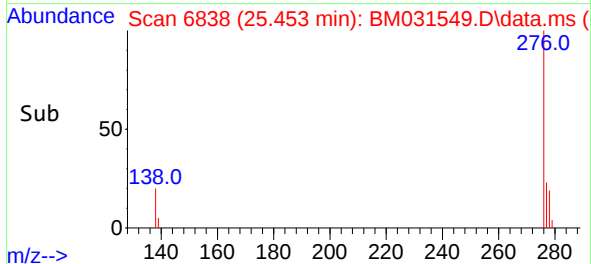
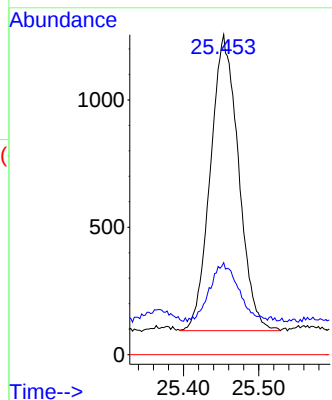
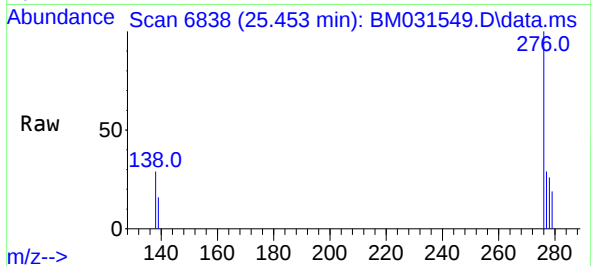
#27
Indeno(1,2,3-cd)pyrene
Concen: 0.139 ng/ul
RT: 25.453 min Scan# 6838
Delta R.T. -0.010 min
Lab File: BM031549.D
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Tgt Ion: 276 Resp: 3012
Ion Ratio Lower Upper
276 100
138 20.3 15.8 23.8
227 0.0 0.0 0.0

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ClientSampled :
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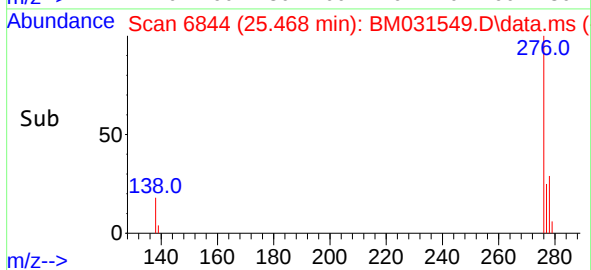
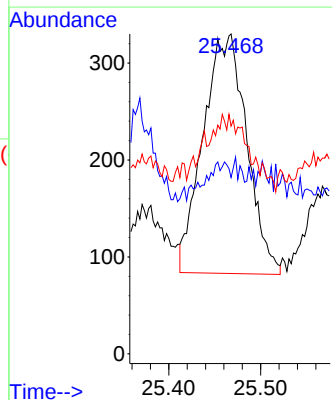
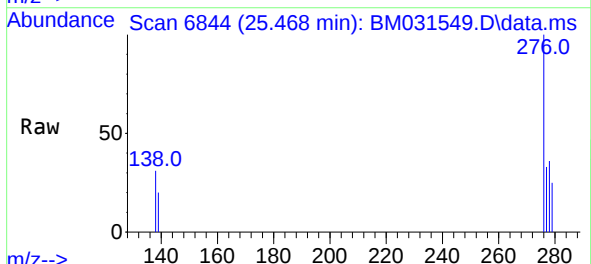
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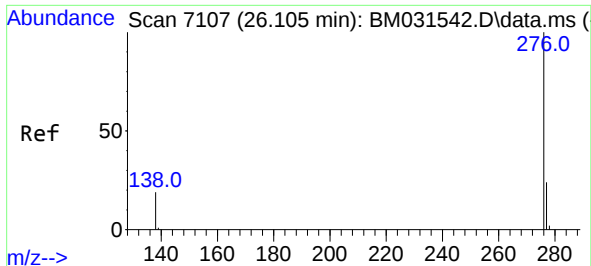
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#28
Dibenzo(a,h)anthracene
Concen: 0.047 ng/ul
RT: 25.468 min Scan# 6844
Delta R.T. -0.007 min
Lab File: BM031549.D
Acq: 07 Aug 2021 13:34

Tgt Ion: 278 Resp: 813
Ion Ratio Lower Upper
278 100
139 55.2 13.3 19.9#
279 71.2 22.8 34.2#





#29
Benzo(g,h,i)perylene
Concen: 0.112 ng/ul
RT: 26.105 min Scan# 7107
Delta R.T. -0.010 min
Lab File: BM031549.D
Acq: 07 Aug 2021 13:34

Tgt Ion	Ratio	Lower	Upper
276	100		
138	33.9	15.4	23.2#
277	33.0	19.9	29.9#

Instrument :
BNA_M
ClientSampleId :
C0099DL

Manual Integrations
APPROVED

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