

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101521\
 Data File : BM032534.D
 Acq On : 15 Oct 2021 20:14
 Operator : CG/JU
 Sample : M4029-15
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C00S6

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Quant Time: Oct 18 04:07:48 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM101421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 15 12:37:00 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.557	152	6624	0.40	ng/ul	0.00
4) Naphthalene-d8	10.339	136	21644	0.40	ng/ul	0.00
9) Acenaphthene-d10	14.213	164	11780	0.40	ng/ul	0.00
13) Phenanthrene-d10	16.950	188	23774	0.40	ng/ul	# 0.00
17) Chrysene-d12	21.125	240	18137	0.40	ng/ul	0.00
23) Perylene-d12	23.261	264	15663	0.40	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.920	96	17015	2.29	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.936	152	4020	0.14	ng/ul	0.00
18) Fluoranthene-d10	18.973	212	9017	0.16	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.389	128	3308	0.05	ng/ul#	93
7) 2-Methylnaphthalene	12.012	142	2417	0.06	ng/ul	100
8) 1-Methylnaphthalene	12.237	142	1505	0.04	ng/ul	98
15) Phenanthrene	16.988	178	11204	0.14	ng/ul	99
19) Fluoranthene	19.004	202	16954	0.19	ng/ul	99
20) Pyrene	19.366	202	17569m	0.19	ng/ul	
21) Benzo(a)anthracene	21.109	228	6767	0.10	ng/ul	95
22) Chrysene	21.159	228	11050	0.14	ng/ul	97
24) Benzo(b)fluoranthene	22.629	252	14476m	0.20	ng/ul	
25) Benzo(k)fluoranthene	22.656	252	5094m	0.07	ng/ul	
26) Benzo(a)pyrene	23.167	252	8127	0.13	ng/ul#	81
27) Indeno(1,2,3-cd)pyrene	25.362	276	6030	0.08	ng/ul#	87
28) Dibenzo(a,h)anthracene	25.360	278	1324	0.02	ng/ul#	27
29) Benzo(g,h,i)perylene	26.009	276	6061	0.09	ng/ul	93

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

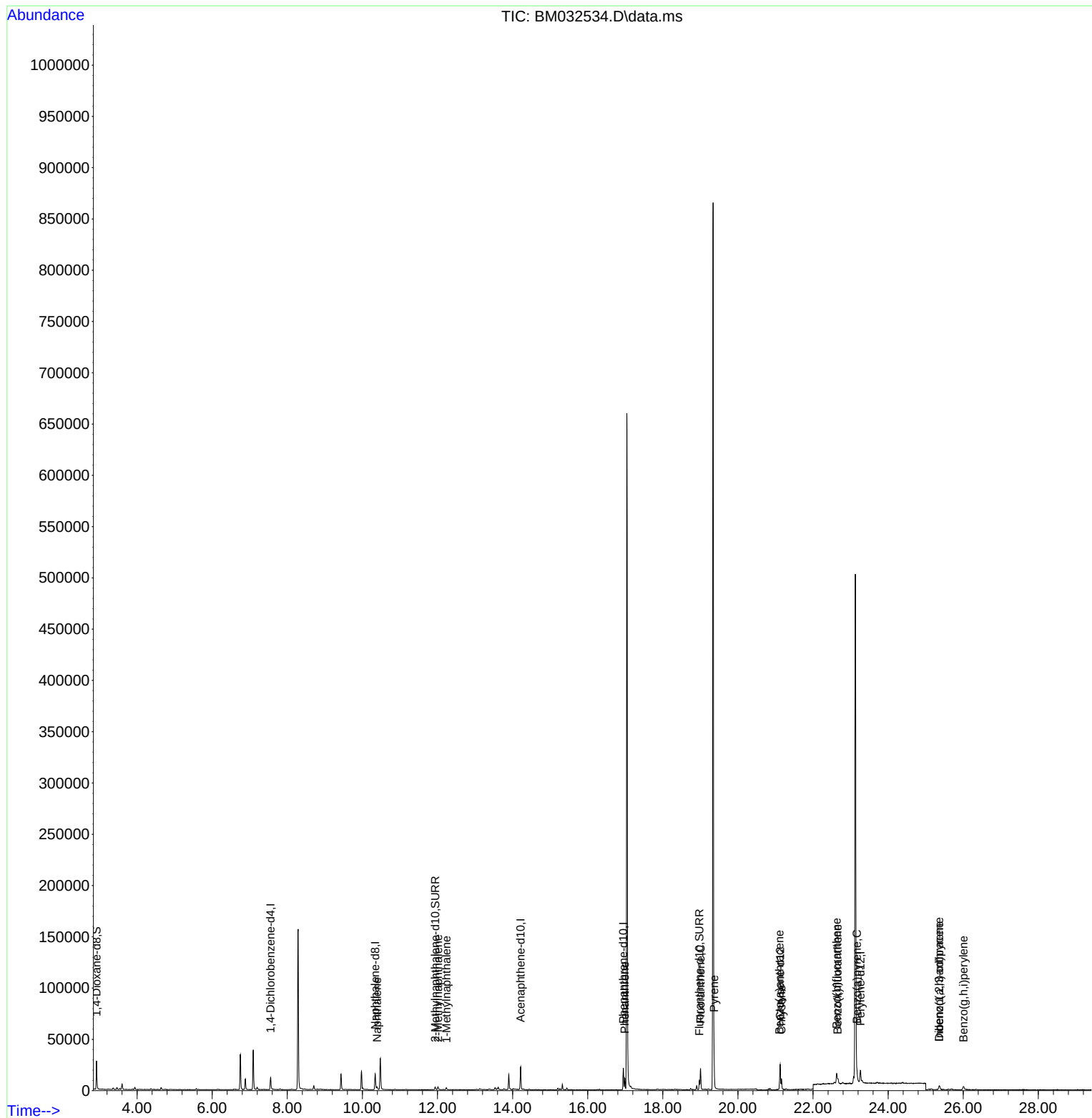
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Data File : BM032534.D
Acq On : 15 Oct 2021 20:14
Operator : CG/JU
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ALS Vial : 19 Sample Multiplier: 1

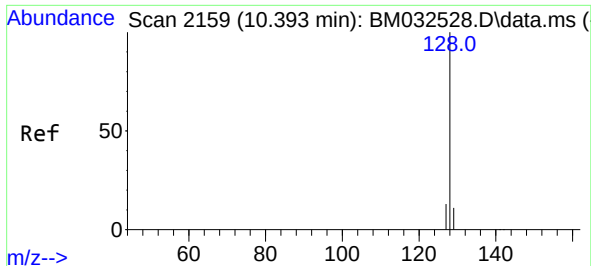
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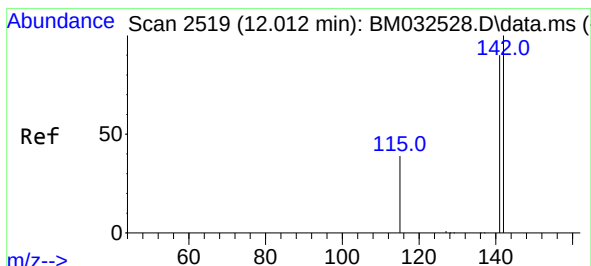
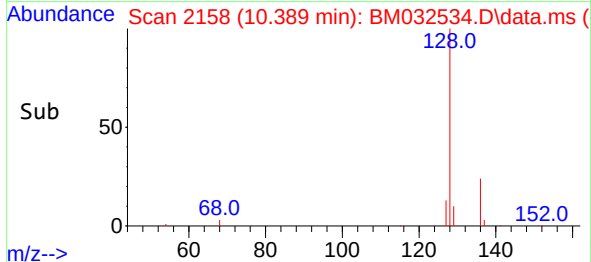
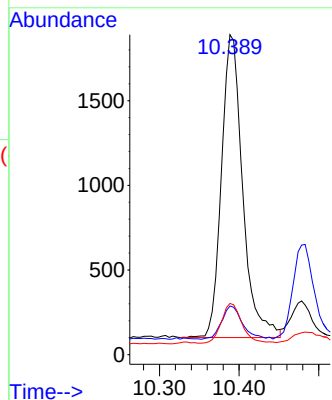
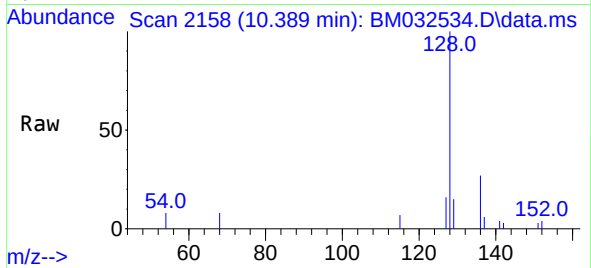
#5
Naphthalene
Concen: 0.05 ng/ul
RT: 10.389 min Scan# 2158
Delta R.T. -0.004 min
Lab File: BM032534.D
Acq: 15 Oct 2021 20:14

Tgt Ion:128 Resp: 3308
Ion Ratio Lower Upper
128 100
129 15.2 9.1 13.7#
127 16.0 11.1 16.7

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BNA_M
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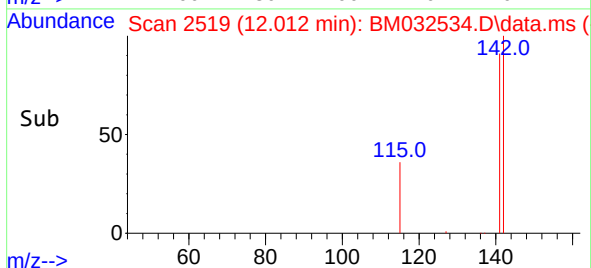
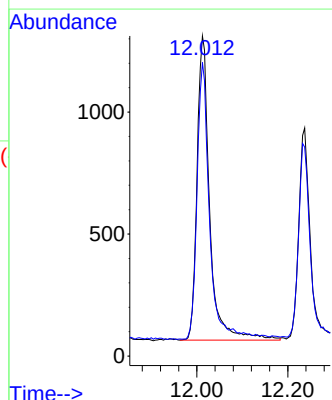
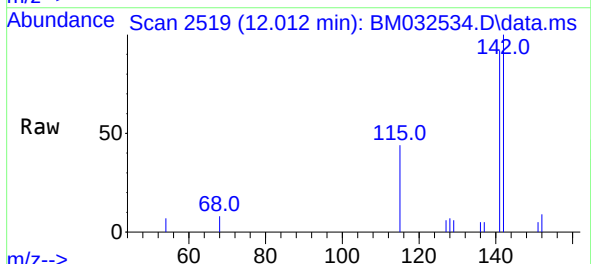
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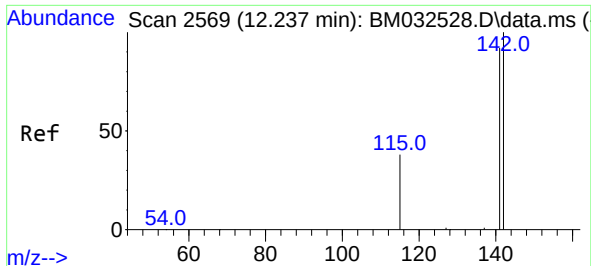
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#7
2-Methylnaphthalene
Concen: 0.06 ng/ul
RT: 12.012 min Scan# 2519
Delta R.T. 0.000 min
Lab File: BM032534.D
Acq: 15 Oct 2021 20:14

Tgt Ion:142 Resp: 2417
Ion Ratio Lower Upper
142 100
141 90.0 72.2 108.2





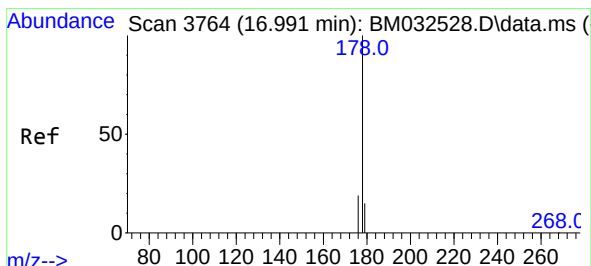
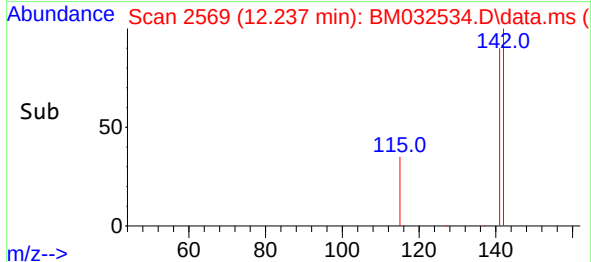
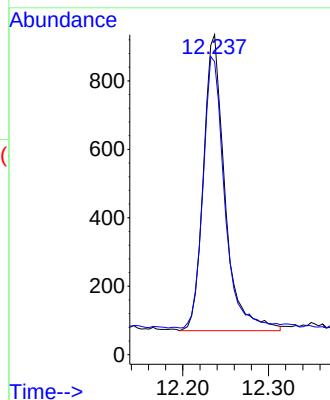
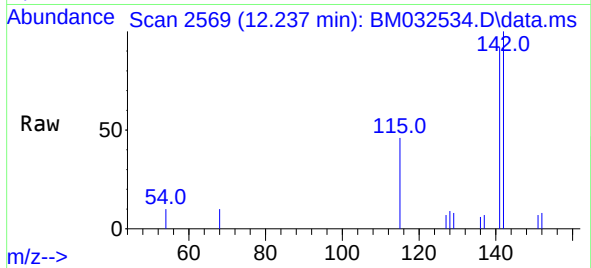
#8
1-Methylnaphthalene
Concen: 0.04 ng/ul
RT: 12.237 min Scan# 2569
Delta R.T. 0.000 min
Lab File: BM032534.D
Acq: 15 Oct 2021 20:14

Tgt Ion:142 Resp: 1505
Ion Ratio Lower Upper
142 100
141 91.8 74.9 112.3

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BNA_M
ClientSampled :
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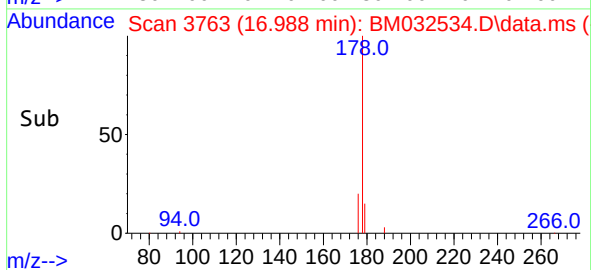
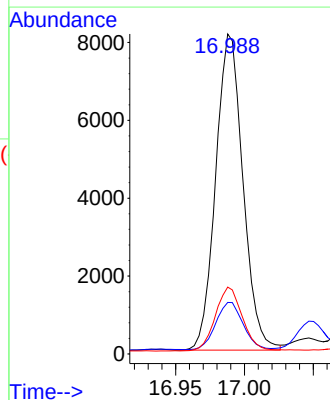
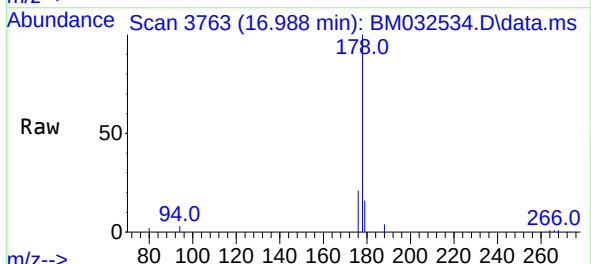
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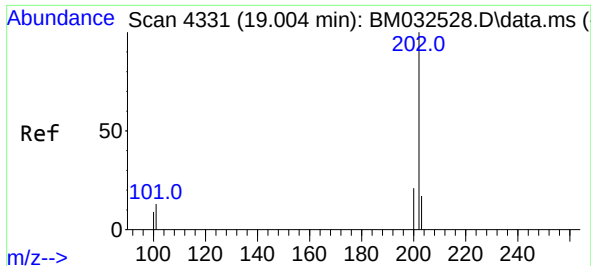
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#15
Phenanthrene
Concen: 0.14 ng/ul
RT: 16.988 min Scan# 3763
Delta R.T. -0.007 min
Lab File: BM032534.D
Acq: 15 Oct 2021 20:14

Tgt Ion:178 Resp: 11204
Ion Ratio Lower Upper
178 100
179 16.1 12.9 19.3
176 20.9 16.1 24.1





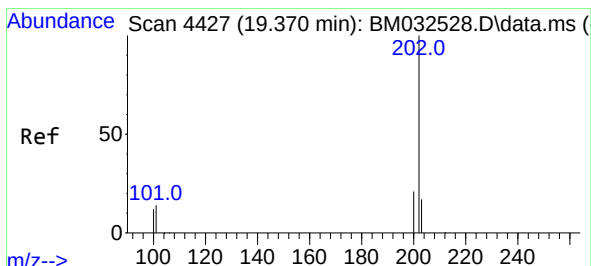
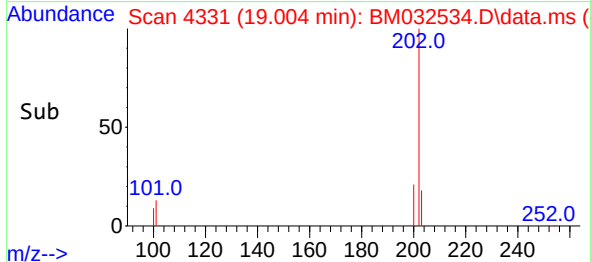
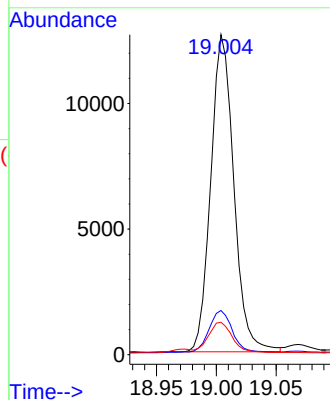
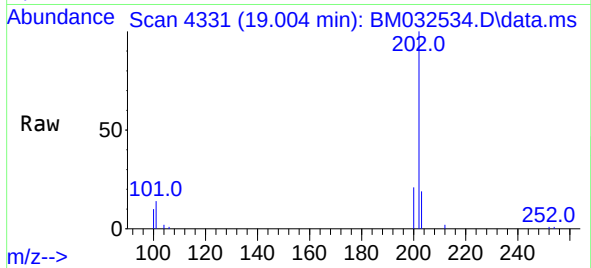
#19
Fluoranthene
Concen: 0.19 ng/ul
RT: 19.004 min Scan# 4331
Delta R.T. -0.008 min
Lab File: BM032534.D
Acq: 15 Oct 2021 20:14

Tgt Ion:	202	Resp:	16954
Ion	Ratio	Lower	Upper
202	100		
101	13.8	10.6	16.0
100	10.2	7.8	11.8

Instrument :
BNA_M
ClientSampleId :
C00S6

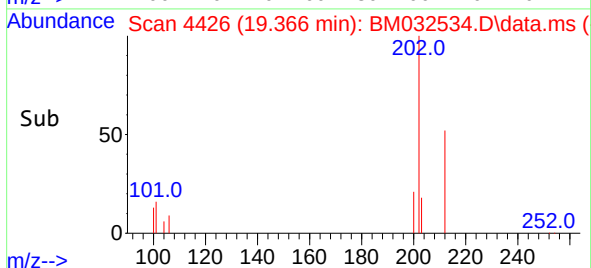
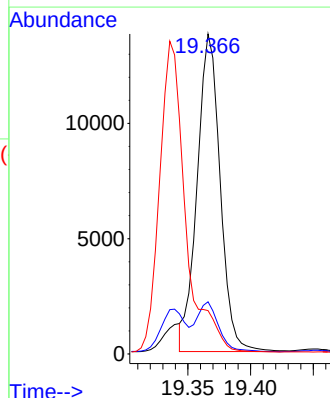
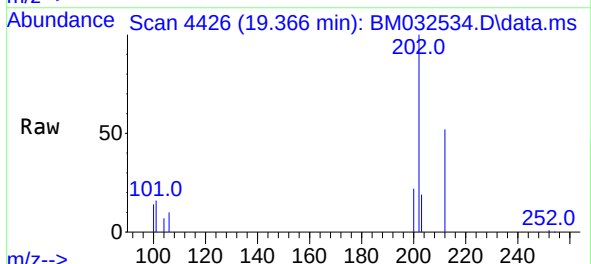
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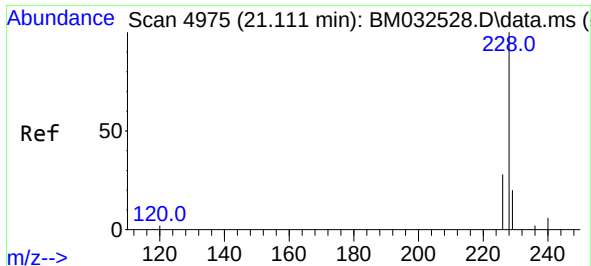
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#20
Pyrene
Concen: 0.19 ng/ul m
RT: 19.366 min Scan# 4426
Delta R.T. -0.008 min
Lab File: BM032534.D
Acq: 15 Oct 2021 20:14

Tgt Ion:	202	Resp:	17569
Ion	Ratio	Lower	Upper
202	100		
101	16.3	12.3	18.5
100	13.5	10.1	15.1





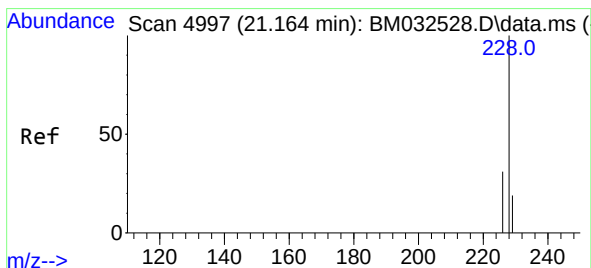
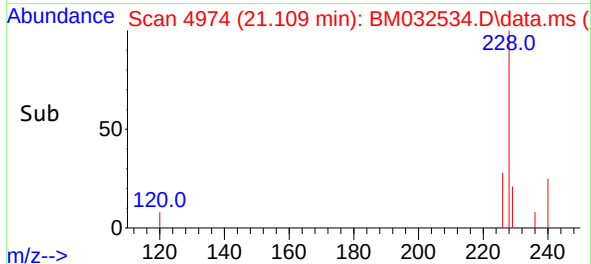
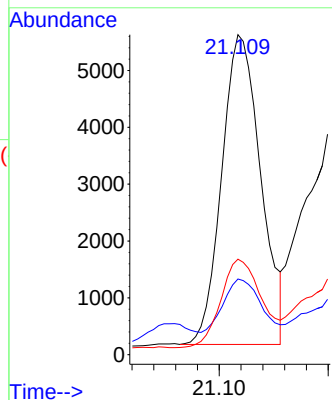
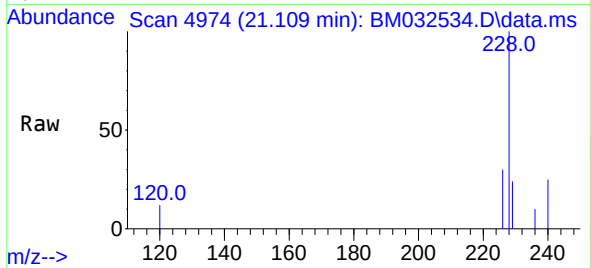
#21
Benzo(a)anthracene
Concen: 0.10 ng/ul
RT: 21.109 min Scan# 4974
Delta R.T. -0.012 min
Lab File: BM032534.D
Acq: 15 Oct 2021 20:14

Tgt Ion:	228	Resp:	6767
Ion Ratio	Lower	Upper	
228	100		
229	23.7	15.9	23.9
226	29.8	22.4	33.6

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C00S6

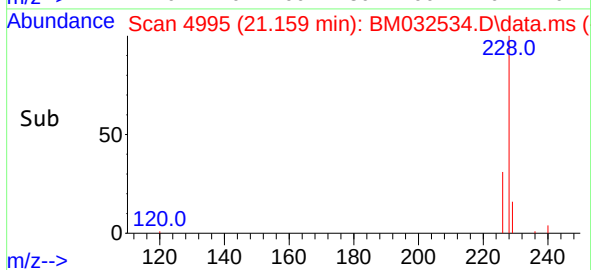
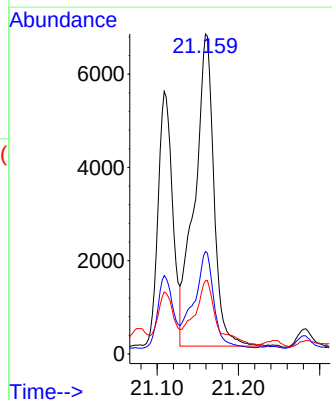
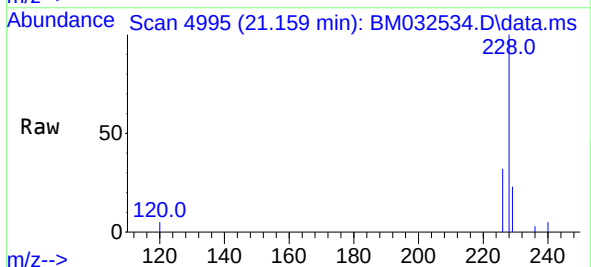
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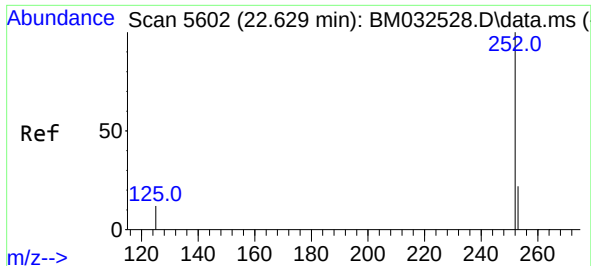
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#22
Chrysene
Concen: 0.14 ng/ul
RT: 21.159 min Scan# 4995
Delta R.T. -0.012 min
Lab File: BM032534.D
Acq: 15 Oct 2021 20:14

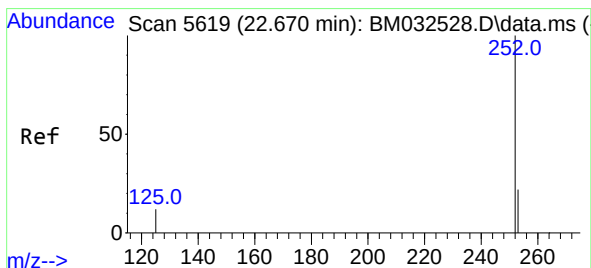
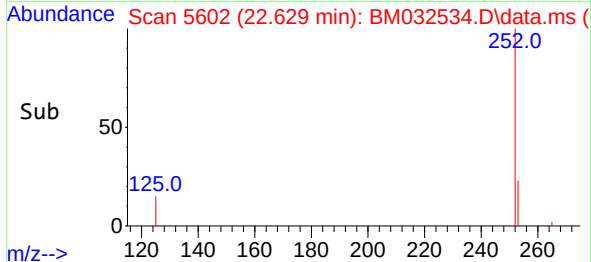
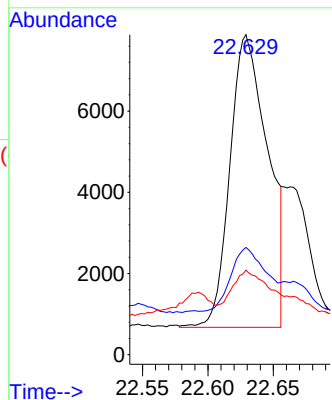
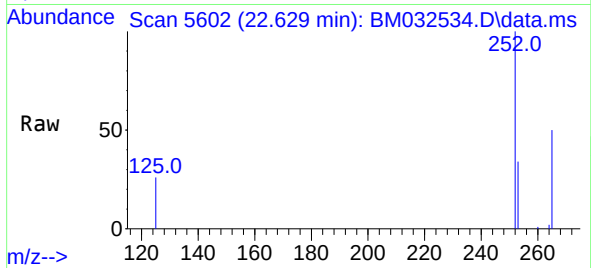
Tgt Ion:	228	Resp:	11050
Ion Ratio	Lower	Upper	
228	100		
226	32.0	25.1	37.7
229	22.9	15.7	23.5





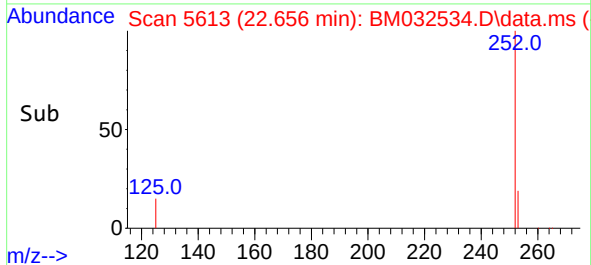
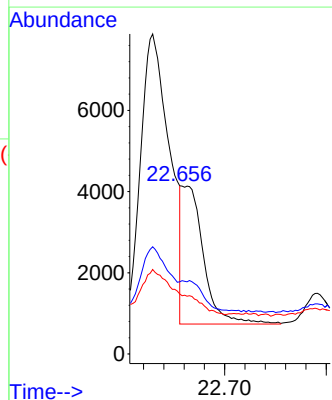
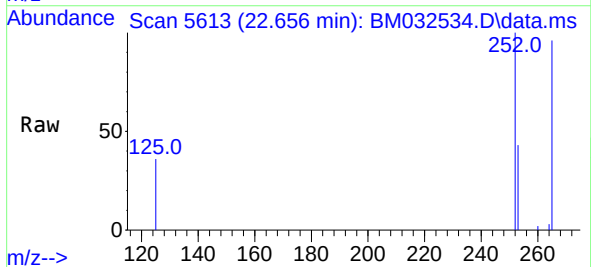
#24
Benzo(b)fluoranthene
Concen: 0.20 ng/ul m
RT: 22.629 min Scan# 5602
Delta R.T. -0.014 min
Lab File: BM032534.D
Acq: 15 Oct 2021 20:14

Tgt Ion:	252	Resp:	14476
Ion Ratio	Lower	Upper	
252	100		
253	33.5	0.0	53.8
125	26.4	0.0	35.6



#25
Benzo(k)fluoranthene
Concen: 0.07 ng/ul m
RT: 22.656 min Scan# 5613
Delta R.T. -0.029 min
Lab File: BM032534.D
Acq: 15 Oct 2021 20:14

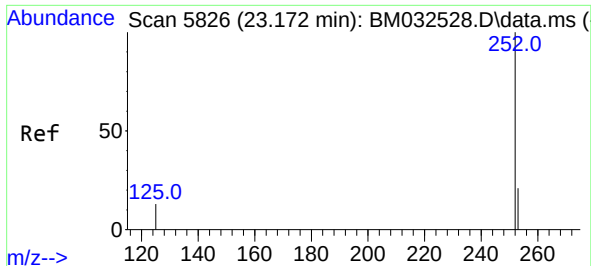
Tgt Ion:	252	Resp:	5094
Ion Ratio	Lower	Upper	
252	100		
253	42.9	21.8	32.6#
125	35.7	14.4	21.6#



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10/18/2021 12:41:50 PM



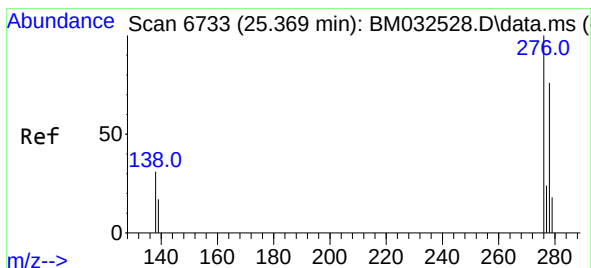
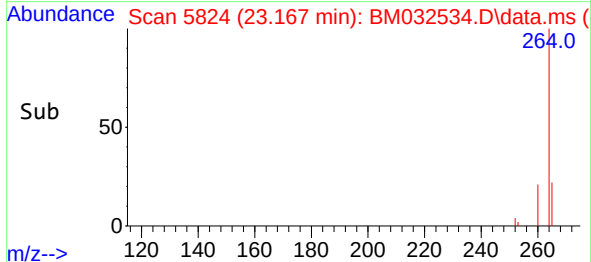
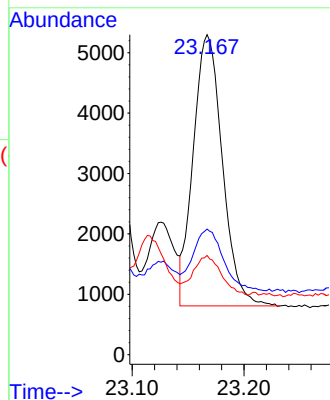
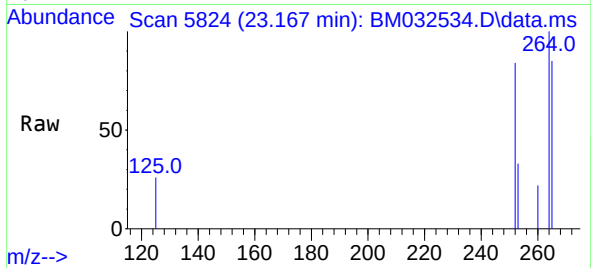
#26
Benzo(a)pyrene
Concen: 0.13 ng/u1
RT: 23.167 min Scan# 5824
Delta R.T. -0.017 min
Lab File: BM032534.D
Acq: 15 Oct 2021 20:14

Tgt Ion:	252	Resp:	8127
Ion Ratio	Lower	Upper	
252	100		
253	39.2	23.6	35.4#
125	31.0	17.1	25.7#

Instrument :
BNA_M
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C00S6

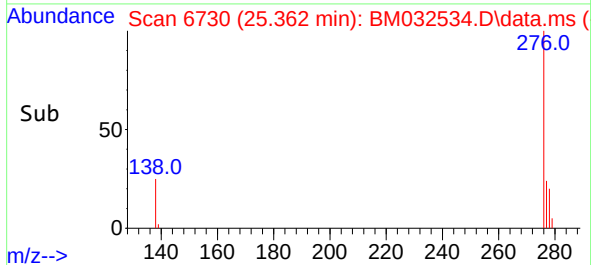
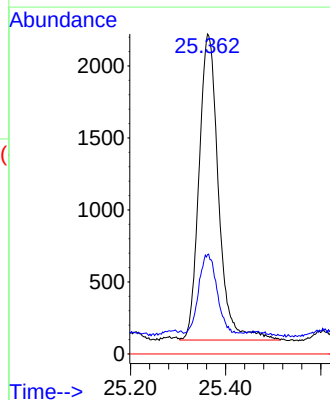
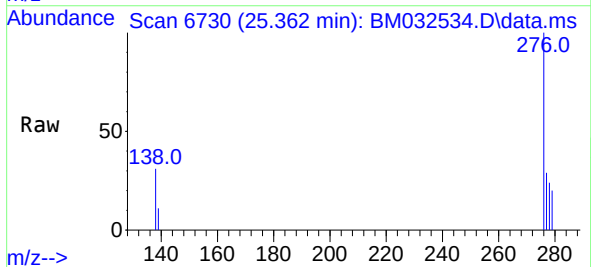
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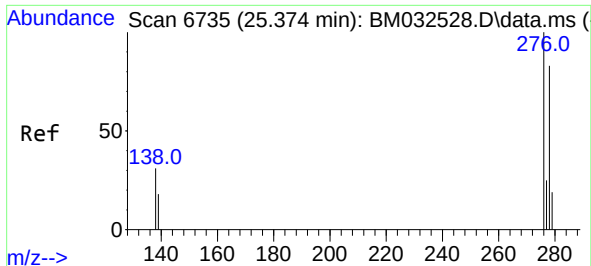
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#27
Indeno(1,2,3-cd)pyrene
Concen: 0.08 ng/u1
RT: 25.362 min Scan# 6730
Delta R.T. -0.024 min
Lab File: BM032534.D
Acq: 15 Oct 2021 20:14

Tgt Ion:	276	Resp:	6030
Ion Ratio	Lower	Upper	
276	100		
138	24.2	24.9	37.3#
227	0.0	0.0	0.0





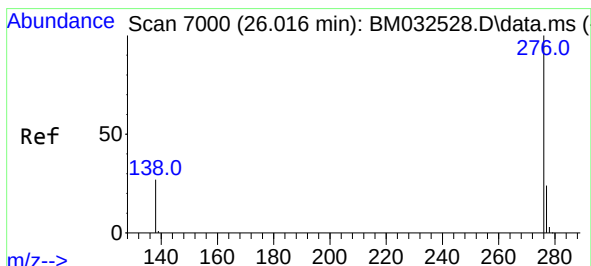
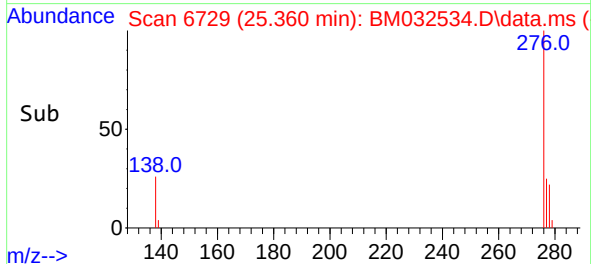
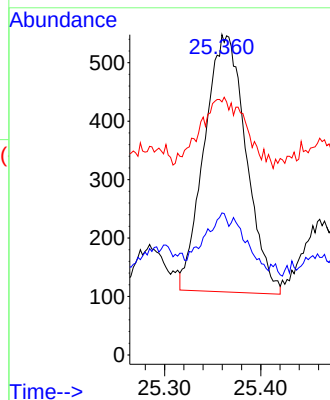
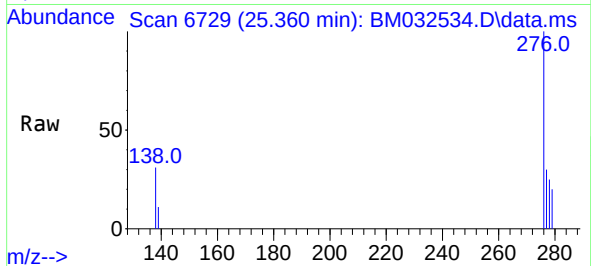
#28
Dibenzo(a,h)anthracene
Concen: 0.02 ng/ul
RT: 25.360 min Scan# 6729
Delta R.T. -0.034 min
Lab File: BM032534.D
Acq: 15 Oct 2021 20:14

Tgt Ion:278 Resp: 1324
Ion Ratio Lower Upper
278 100
139 44.3 18.6 28.0#
279 79.0 22.0 33.0#

Instrument :
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Manual Integrations
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10/18/2021 12:41:50 PM



#29
Benzo(g,h,i)perylene
Concen: 0.09 ng/ul
RT: 26.009 min Scan# 6997
Delta R.T. -0.022 min
Lab File: BM032534.D
Acq: 15 Oct 2021 20:14

Tgt Ion:276 Resp: 6061
Ion Ratio Lower Upper
276 100
138 31.6 22.6 33.8
277 28.8 19.9 29.9

