

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101521\
 Data File : BM032535.D
 Acq On : 15 Oct 2021 20:51
 Operator : CG/JU
 Sample : M4029-10
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C00R5

Manual Integrations
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Quant Time: Oct 18 04:09:31 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	7.556	152	7126	0.40	ng/ul	0.00
4) Naphthalene-d8	10.339	136	23256	0.40	ng/ul	0.00
9) Acenaphthene-d10	14.213	164	12638	0.40	ng/ul	0.00
13) Phenanthrene-d10	16.949	188	25305	0.40	ng/ul	# 0.00
17) Chrysene-d12	21.125	240	18207	0.40	ng/ul	0.00
23) Perylene-d12	23.261	264	14470	0.40	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.920	96	18815	2.36	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.936	152	4738	0.15	ng/ul	0.00
18) Fluoranthene-d10	18.973	212	10568	0.18	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.388	128	11898	0.17	ng/ul	99
7) 2-Methylnaphthalene	12.012	142	12797	0.28	ng/ul	99
8) 1-Methylnaphthalene	12.232	142	6115	0.13	ng/ul	99
10) Acenaphthylene	13.932	152	6665	0.12	ng/ul	100
11) Acenaphthene	14.274	153	1951	0.04	ng/ul	98
12) Fluorene	15.259	166	3758	0.07	ng/ul#	97
15) Phenanthrene	16.988	178	41589	0.49	ng/ul	99
16) Anthracene	17.078	178	5974	0.08	ng/ul	96
19) Fluoranthene	19.004	202	118165	1.31	ng/ul	100
20) Pyrene	19.366	202	102912	1.11	ng/ul	100
21) Benzo(a)anthracene	21.108	228	43862	0.62	ng/ul	98
22) Chrysene	21.159	228	56208	0.72	ng/ul	98
24) Benzo(b)fluoranthene	22.626	252	62586m	0.94	ng/ul	
25) Benzo(k)fluoranthene	22.663	252	21724m	0.33	ng/ul	
26) Benzo(a)pyrene	23.167	252	35354	0.63	ng/ul	95
27) Indeno(1,2,3-cd)pyrene	25.364	276	23662	0.35	ng/ul#	90
28) Dibenzo(a,h)anthracene	25.364	278	5664	0.10	ng/ul#	80
29) Benzo(g,h,i)perylene	26.006	276	22056	0.37	ng/ul	99

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

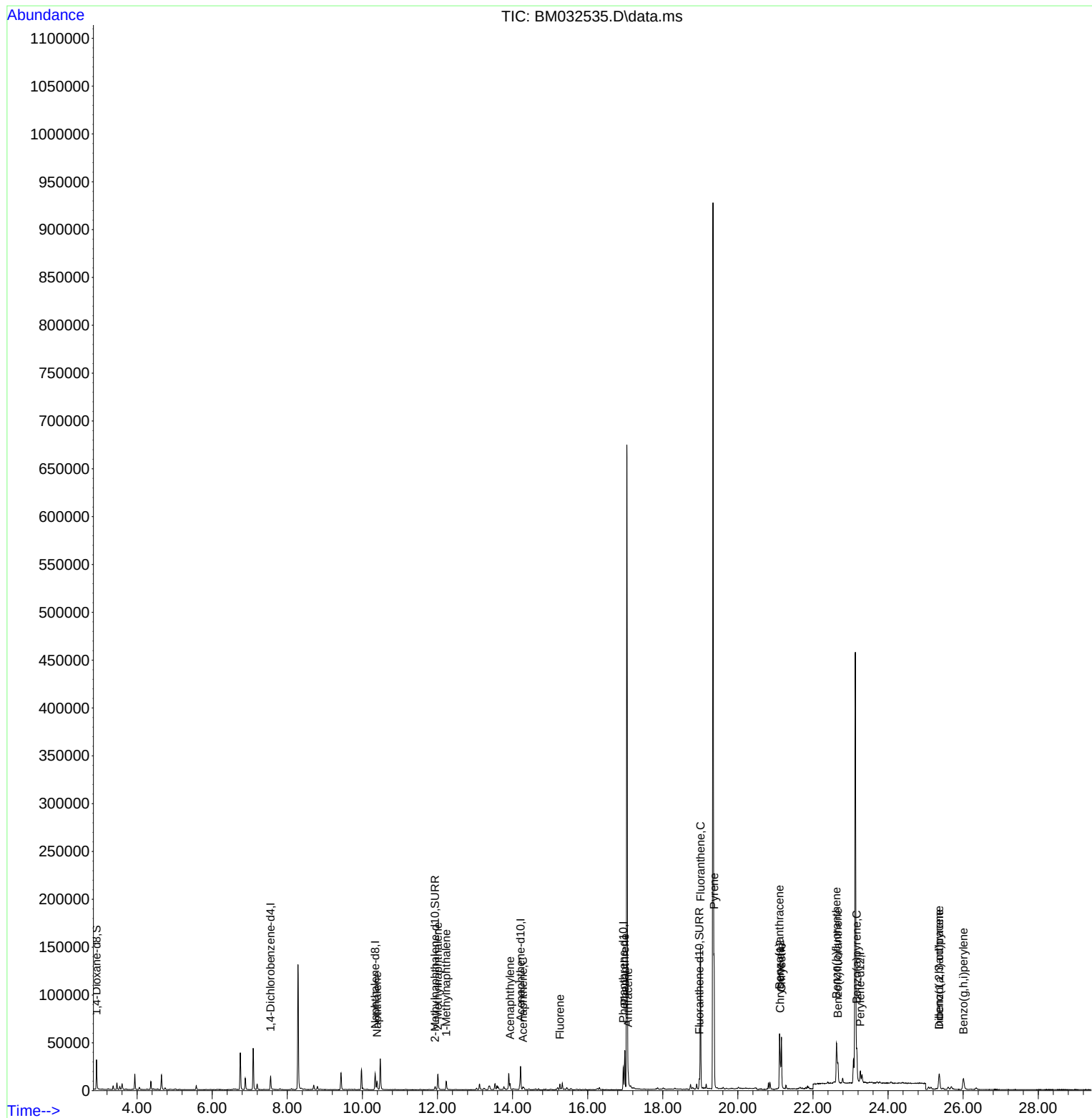
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101521\
Data File : BM032535.D
Acq On : 15 Oct 2021 20:51
Operator : CG/JU
Sample : M4029-10
Misc :
ALS Vial : 20 Sample Multiplier: 1

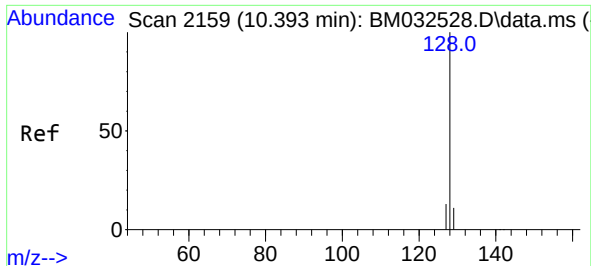
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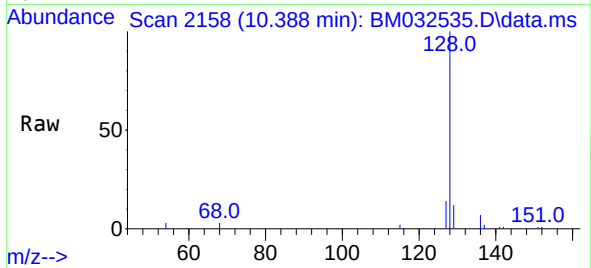
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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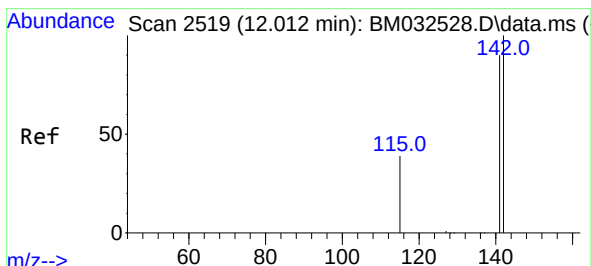
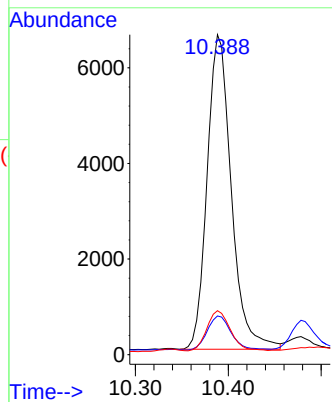
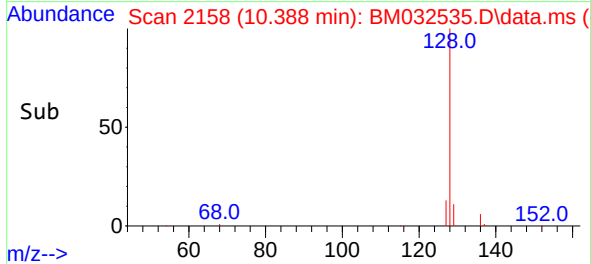




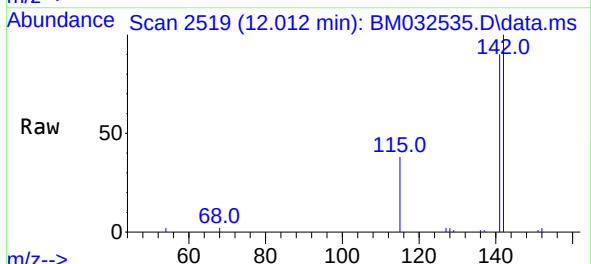
#5
Naphthalene
Concen: 0.17 ng/ul
RT: 10.388 min Scan# 2158
Delta R.T. -0.005 min
Lab File: BM032535.D
Acq: 15 Oct 2021 20:51



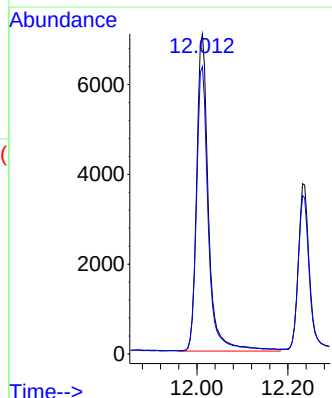
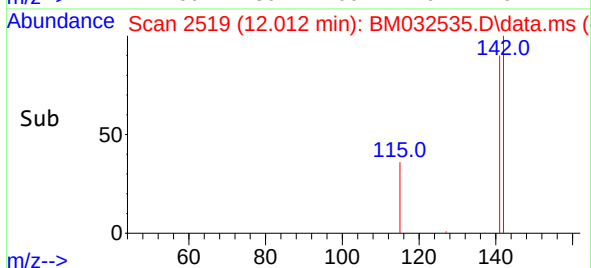
Tgt Ion:128 Resp: 11898
Ion Ratio Lower Upper
128 100
129 12.1 9.1 13.7
127 13.7 11.1 16.7



#7
2-Methylnaphthalene
Concen: 0.28 ng/ul
RT: 12.012 min Scan# 2519
Delta R.T. -0.000 min
Lab File: BM032535.D
Acq: 15 Oct 2021 20:51



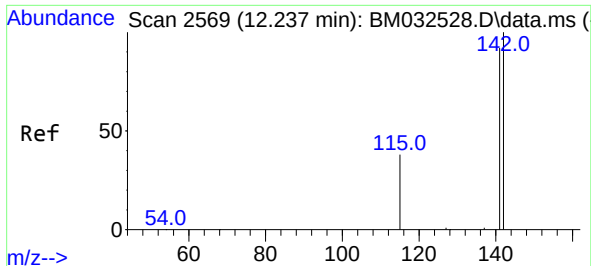
Tgt Ion:142 Resp: 12797
Ion Ratio Lower Upper
142 100
141 89.3 72.2 108.2



Instrument :
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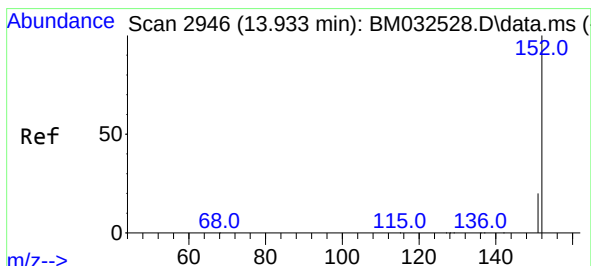
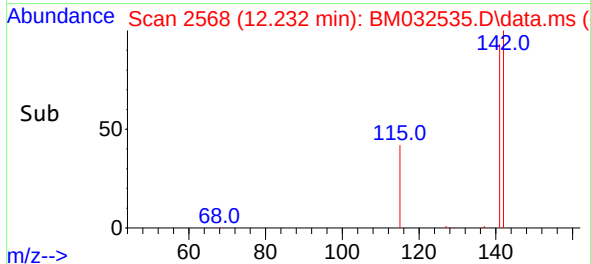
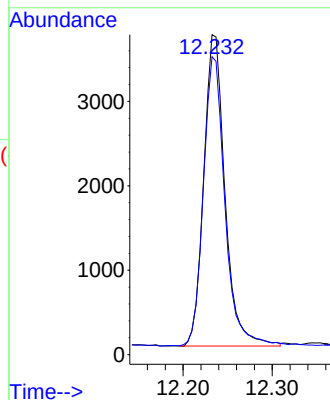
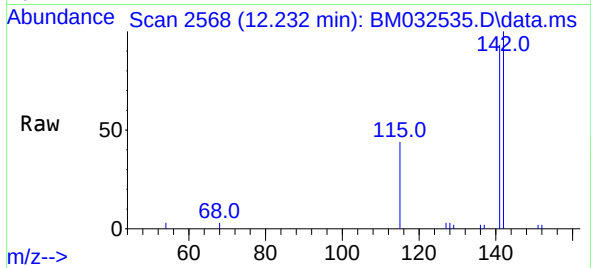
#8
1-Methylnaphthalene
Concen: 0.13 ng/ul
RT: 12.232 min Scan# 2568
Delta R.T. -0.005 min
Lab File: BM032535.D
Acq: 15 Oct 2021 20:51

Tgt Ion:142 Resp: 6115
Ion Ratio Lower Upper
142 100
141 94.4 74.9 112.3

Instrument :
BNA_M
ClientSampled :
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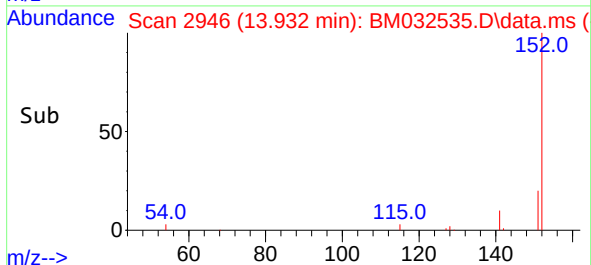
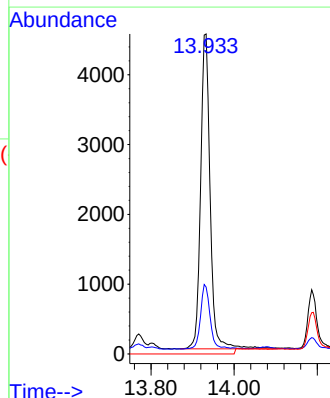
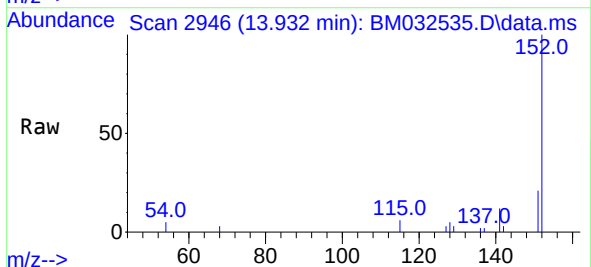
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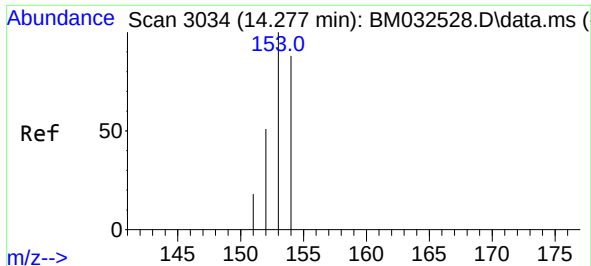
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#10
Acenaphthylene
Concen: 0.12 ng/ul
RT: 13.932 min Scan# 2946
Delta R.T. -0.000 min
Lab File: BM032535.D
Acq: 15 Oct 2021 20:51

Tgt Ion:152 Resp: 6665
Ion Ratio Lower Upper
152 100
151 20.9 16.7 25.1
153 0.0 0.0 0.0





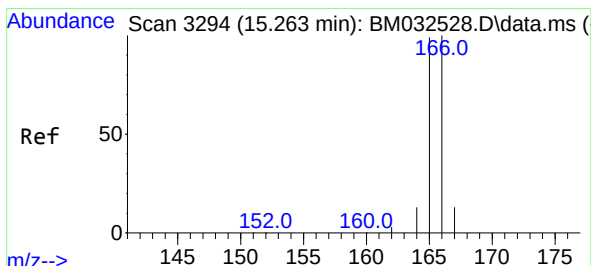
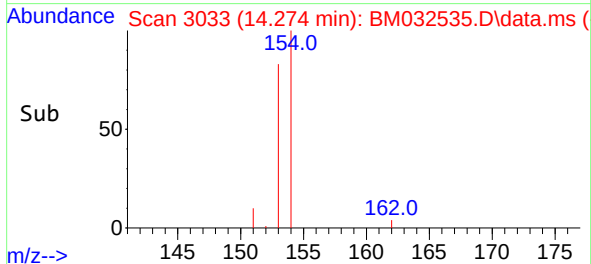
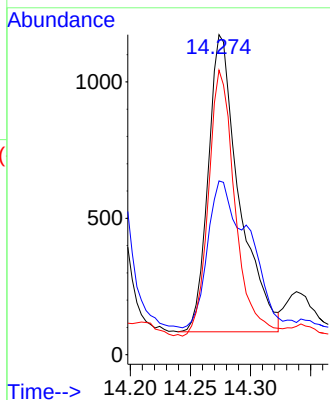
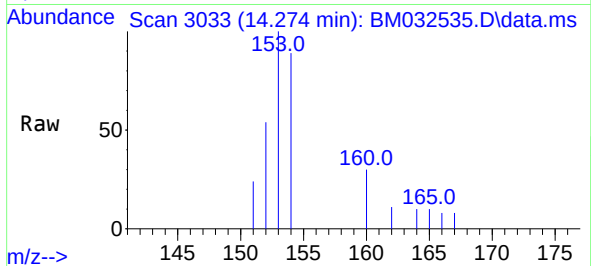
#11
Acenaphthene
Concen: 0.04 ng/ul
RT: 14.274 min Scan# 3033
Delta R.T. -0.004 min
Lab File: BM032535.D
Acq: 15 Oct 2021 20:51

Tgt Ion:	153	Resp:	1951
Ion	Ratio	Lower	Upper
153	100		
152	54.3	40.4	60.6
154	88.9	70.8	106.2

Instrument :
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ClientSampleId :
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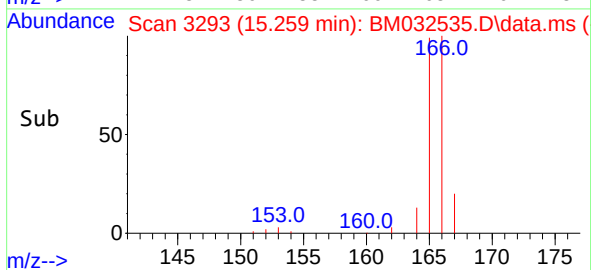
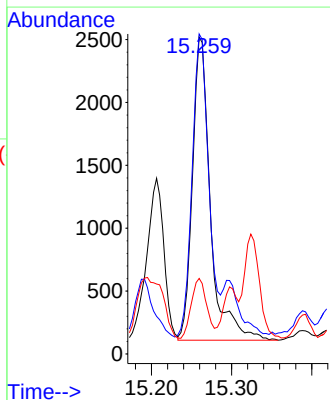
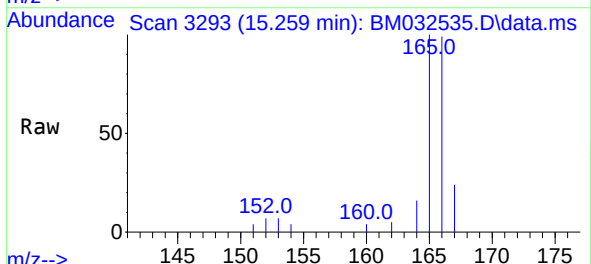
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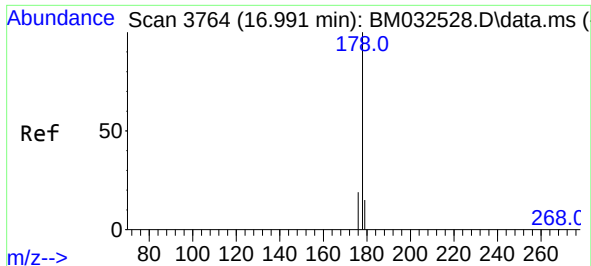
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#12
Fluorene
Concen: 0.07 ng/ul
RT: 15.259 min Scan# 3293
Delta R.T. -0.004 min
Lab File: BM032535.D
Acq: 15 Oct 2021 20:51

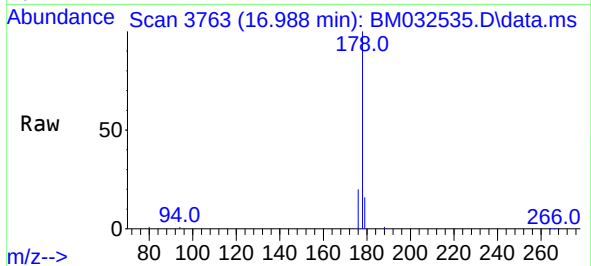
Tgt Ion:	166	Resp:	3758
Ion	Ratio	Lower	Upper
166	100		
165	101.0	80.7	121.1
167	23.9	11.2	16.8#





#15
Phenanthrene
Concen: 0.49 ng/ul
RT: 16.988 min Scan# 3763
Delta R.T. -0.007 min
Lab File: BM032535.D
Acq: 15 Oct 2021 20:51

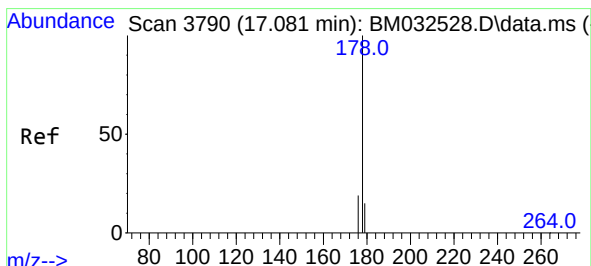
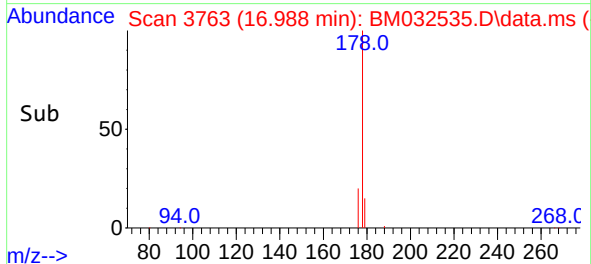
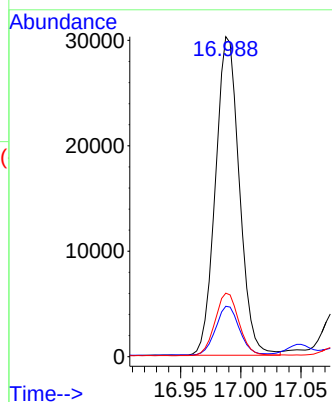
Instrument :
BNA_M
ClientSampled :
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Tgt Ion:178 Resp: 41589
Ion Ratio Lower Upper
178 100
179 15.8 12.9 19.3
176 19.9 16.1 24.1

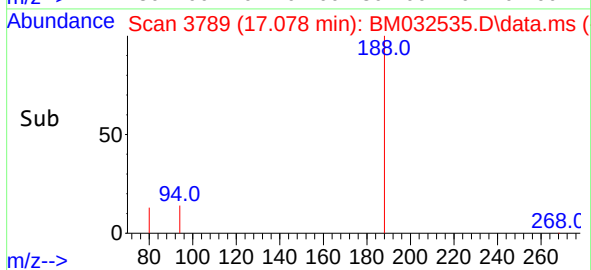
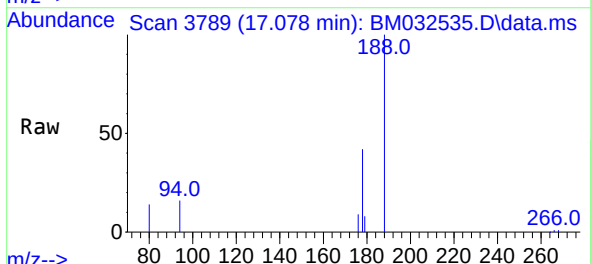
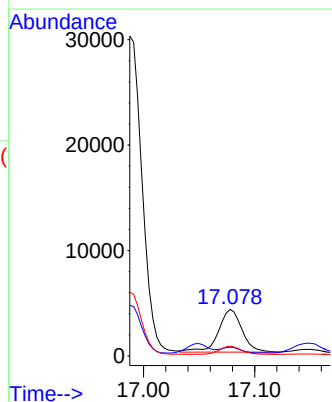
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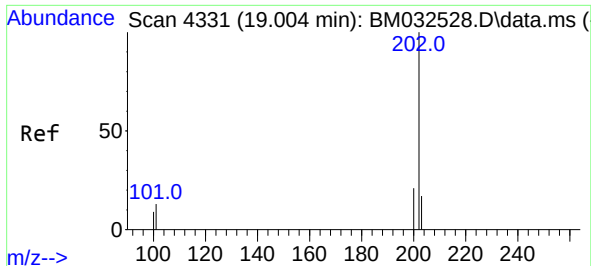
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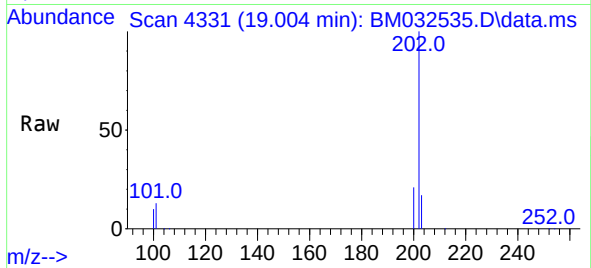
#16
Anthracene
Concen: 0.08 ng/ul
RT: 17.078 min Scan# 3789
Delta R.T. -0.007 min
Lab File: BM032535.D
Acq: 15 Oct 2021 20:51

Tgt Ion:178 Resp: 5974
Ion Ratio Lower Upper
178 100
179 18.7 12.9 19.3
176 21.0 15.8 23.6

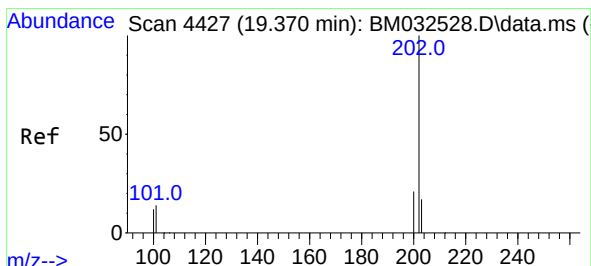
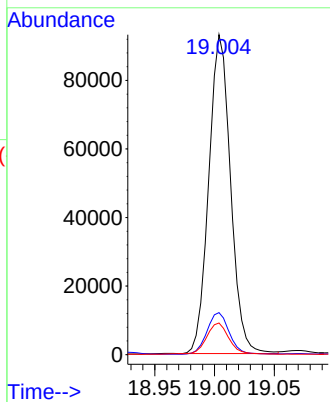
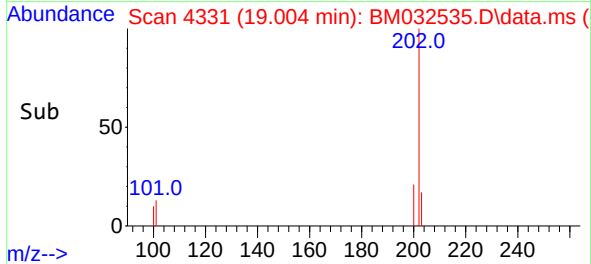




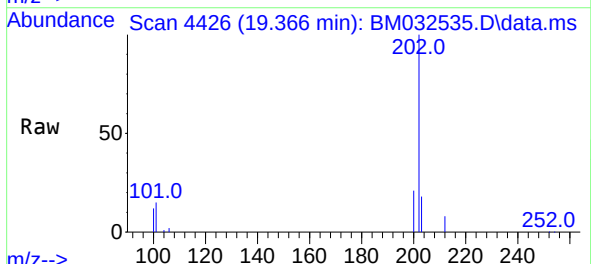
#19
Fluoranthene
Concen: 1.31 ng/ul
RT: 19.004 min Scan# 4331
Delta R.T. -0.008 min
Lab File: BM032535.D
Acq: 15 Oct 2021 20:51



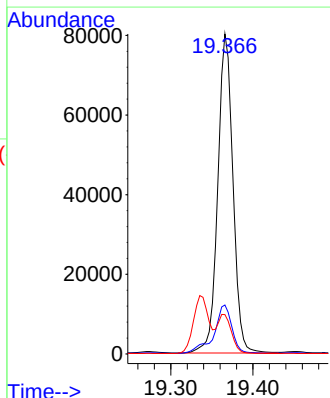
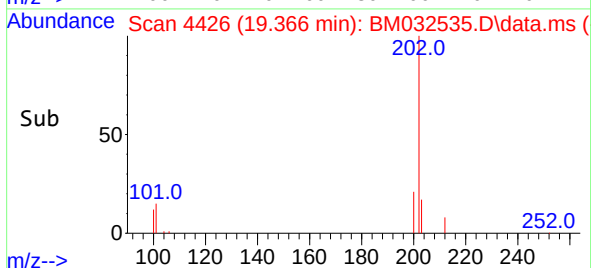
Tgt Ion:202 Resp: 118165
Ion Ratio Lower Upper
202 100
101 13.1 10.6 16.0
100 9.9 7.8 11.8



#20
Pyrene
Concen: 1.11 ng/ul
RT: 19.366 min Scan# 4426
Delta R.T. -0.008 min
Lab File: BM032535.D
Acq: 15 Oct 2021 20:51



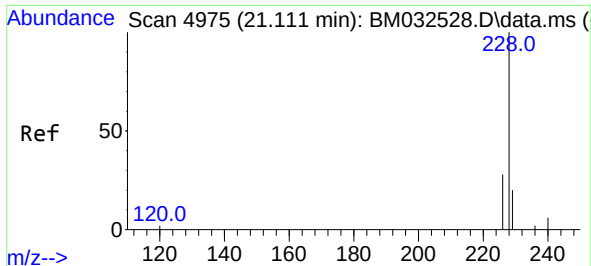
Tgt Ion:202 Resp: 102912
Ion Ratio Lower Upper
202 100
101 15.3 12.3 18.5
100 12.3 10.1 15.1



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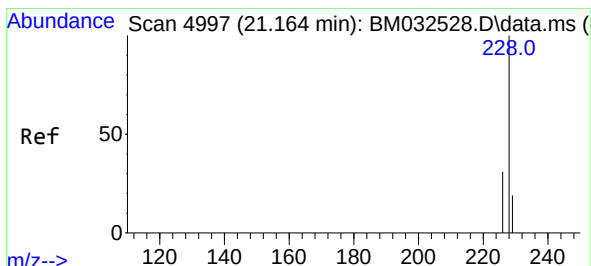
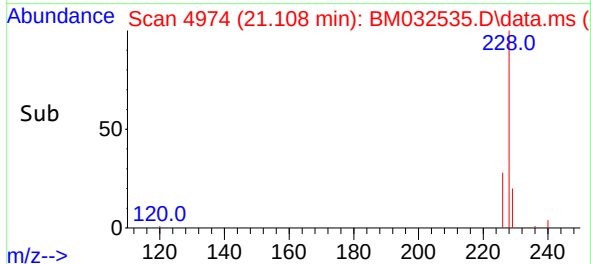
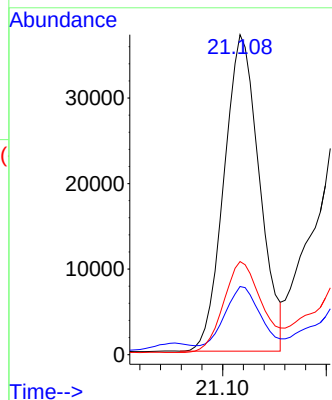
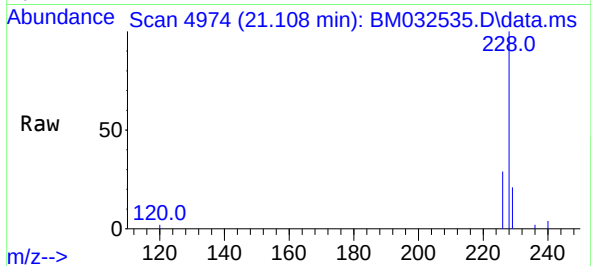
#21
Benzo(a)anthracene
Concen: 0.62 ng/u1
RT: 21.108 min Scan# 4974
Delta R.T. -0.012 min
Lab File: BM032535.D
Acq: 15 Oct 2021 20:51

Tgt Ion:	228	Resp:	43862
Ion Ratio	Lower	Upper	
228	100		
229	21.3	15.9	23.9
226	29.1	22.4	33.6

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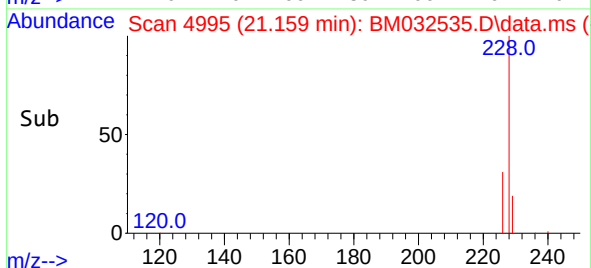
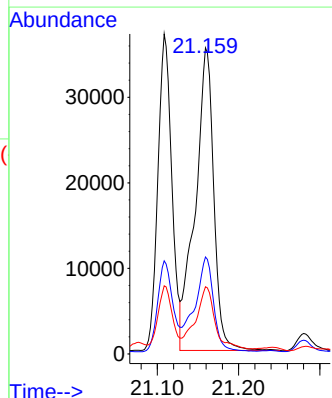
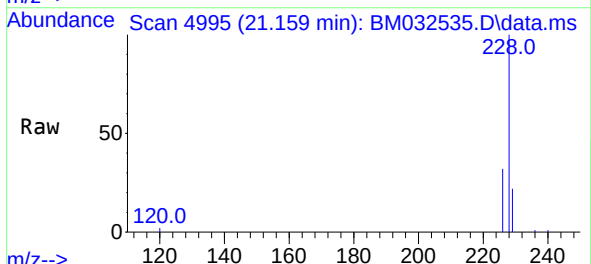
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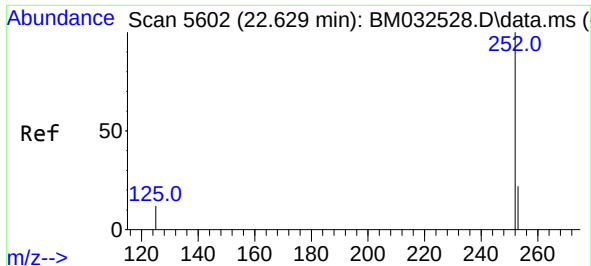
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#22
Chrysene
Concen: 0.72 ng/u1
RT: 21.159 min Scan# 4995
Delta R.T. -0.012 min
Lab File: BM032535.D
Acq: 15 Oct 2021 20:51

Tgt Ion:	228	Resp:	56208
Ion Ratio	Lower	Upper	
228	100		
226	31.7	25.1	37.7
229	21.9	15.7	23.5





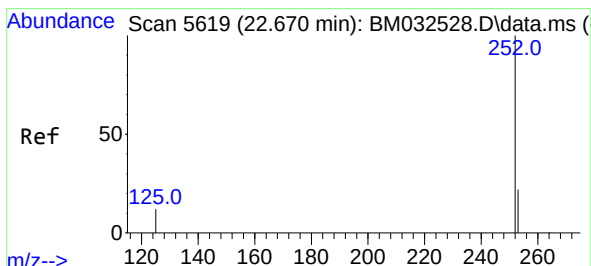
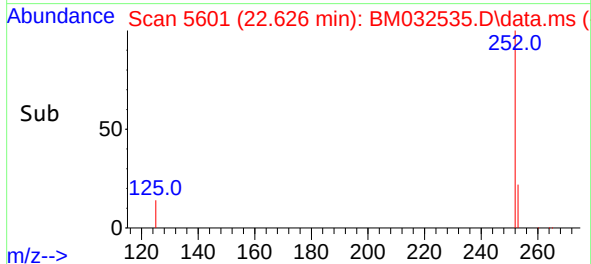
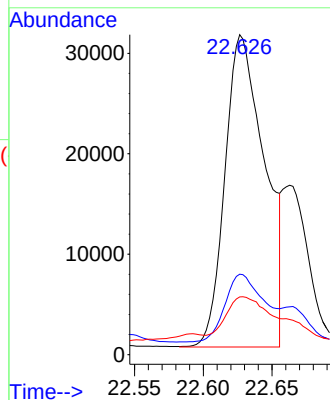
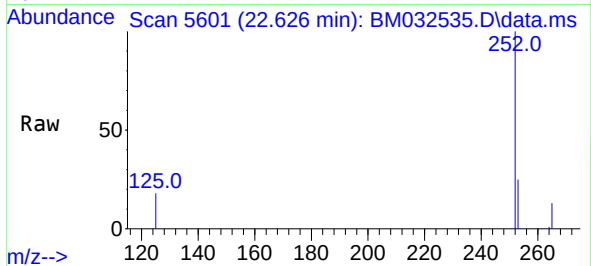
#24
Benzo(b)fluoranthene
Concen: 0.94 ng/ul m
RT: 22.626 min Scan# 5601
Delta R.T. -0.017 min
Lab File: BM032535.D
Acq: 15 Oct 2021 20:51

Tgt Ion:252	Resp:	62586
Ion Ratio	Lower	Upper
252	100	
253	25.2	0.0 53.8
125	18.0	0.0 35.6

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ClientSampleId :
C00R5

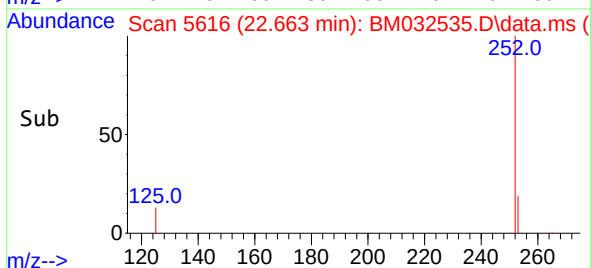
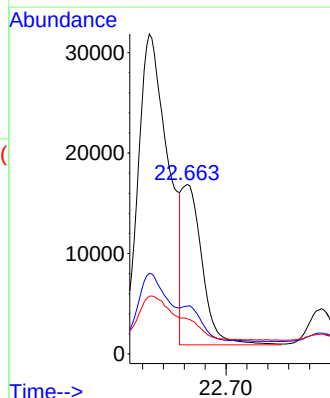
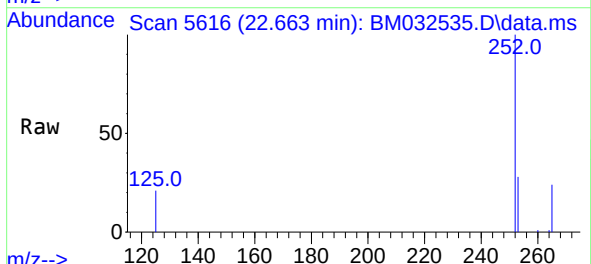
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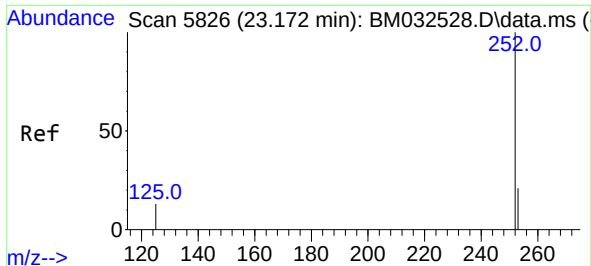
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#25
Benzo(k)fluoranthene
Concen: 0.33 ng/ul m
RT: 22.663 min Scan# 5616
Delta R.T. -0.022 min
Lab File: BM032535.D
Acq: 15 Oct 2021 20:51

Tgt Ion:252	Resp:	21724
Ion Ratio	Lower	Upper
252	100	
253	28.2	21.8 32.6
125	20.8	14.4 21.6





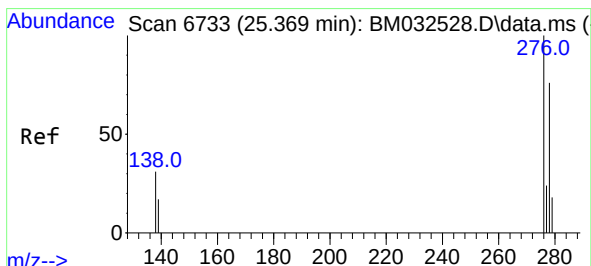
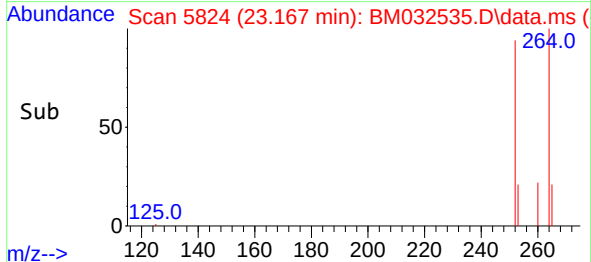
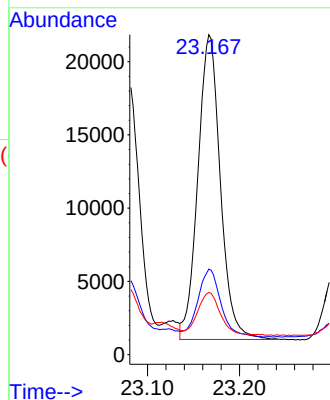
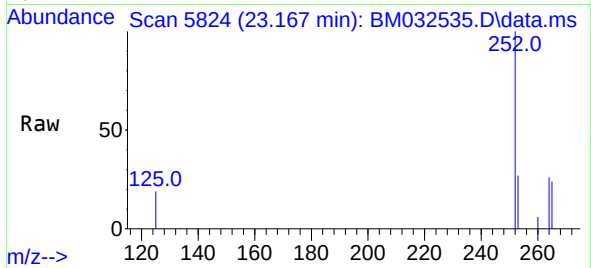
#26
Benzo(a)pyrene
Concen: 0.63 ng/u1
RT: 23.167 min Scan# 5824
Delta R.T. -0.017 min
Lab File: BM032535.D
Acq: 15 Oct 2021 20:51

Tgt Ion:	252	Resp:	35354
Ion Ratio	Lower	Upper	
252	100		
253	26.7	23.6	35.4
125	19.5	17.1	25.7

Instrument :
BNA_M
ClientSampled :
C00R5

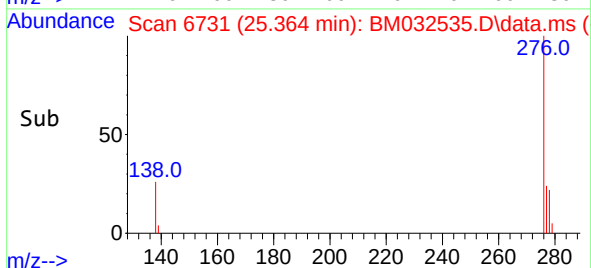
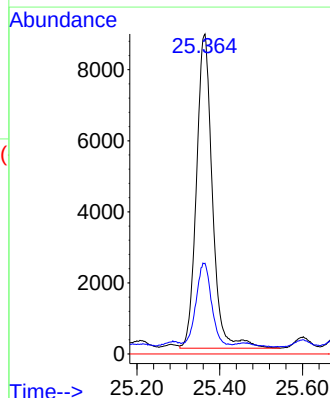
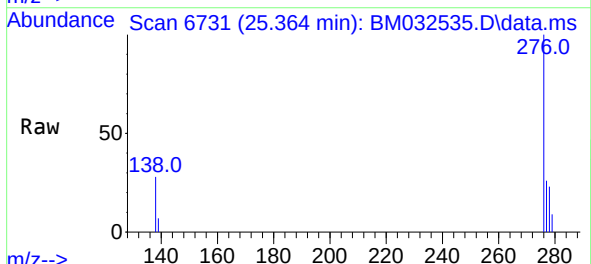
Manual Integrations
APPROVED

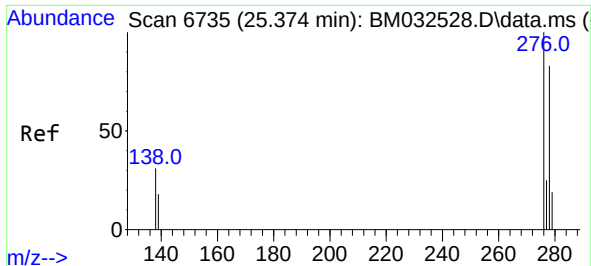
mohammad
10/18/2021 12:41:53 PM



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.35 ng/u1
RT: 25.364 min Scan# 6731
Delta R.T. -0.022 min
Lab File: BM032535.D
Acq: 15 Oct 2021 20:51

Tgt Ion:	276	Resp:	23662
Ion Ratio	Lower	Upper	
276	100		
138	25.8	24.9	37.3
227	0.0	0.0	0.0





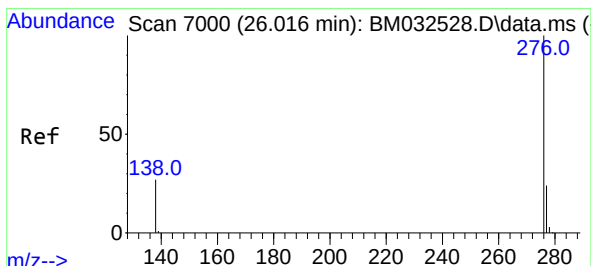
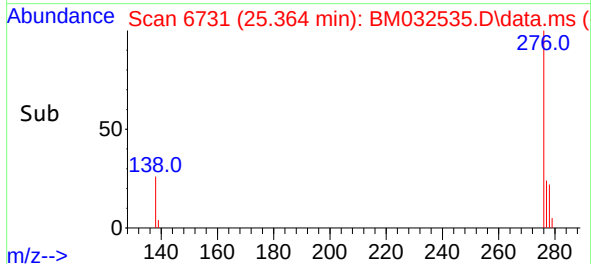
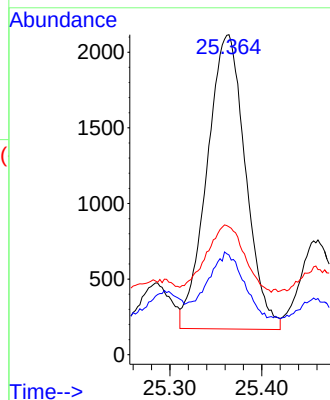
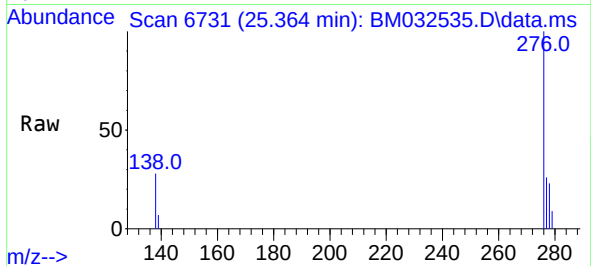
#28
Dibenzo(a,h)anthracene
Concen: 0.10 ng/ul
RT: 25.364 min Scan# 6731
Delta R.T. -0.029 min
Lab File: BM032535.D
Acq: 15 Oct 2021 20:51

Tgt Ion:278 Resp: 5664
Ion Ratio Lower Upper
278 100
139 31.2 18.6 28.0#
279 40.0 22.0 33.0#

Instrument :
BNA_M
ClientSampleId :
C00R5

Manual Integrations
APPROVED

mohammad
10/18/2021 12:41:53 PM



#29
Benzo(g,h,i)perylene
Concen: 0.37 ng/ul
RT: 26.006 min Scan# 6996
Delta R.T. -0.024 min
Lab File: BM032535.D
Acq: 15 Oct 2021 20:51

Tgt Ion:276 Resp: 22056
Ion Ratio Lower Upper
276 100
138 29.1 22.6 33.8
277 25.1 19.9 29.9

