

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102521\
 Data File : BM032753.D
 Acq On : 27 Oct 2021 07:04
 Operator : CG/JU
 Sample : PB140204BS
 Misc :
 ALS Vial : 70 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS204

Manual Integrations
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 10/27/2021 11:47:36 AM

Quant Time: Oct 27 07:48:11 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 : Tue Oct 26 17:09:29 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.536	152	4791	0.400	ng/ul	0.00
4) Naphthalene-d8	10.317	136	17980	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.187	164	9625	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.925	188	16430	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.101	240	10257	0.400	ng/ul	0.00
23) Perylene-d12	23.232	264	8666	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.910	96	3480	0.648	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.913	152	7367	0.307	ng/ul	0.00
18) Fluoranthene-d10	18.950	212	10937	0.339	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	2.944	88	9808	1.658	ng/ul#	81
5) Naphthalene	10.366	128	16394	0.301	ng/ul	99
7) 2-Methylnaphthalene	11.990	142	10332	0.290	ng/ul	100
8) 1-Methylnaphthalene	12.210	142	9766	0.277	ng/ul	99
10) Acenaphthylene	13.910	152	11006	0.268	ng/ul	100
11) Acenaphthene	14.251	153	11048	0.295	ng/ul	99
12) Fluorene	15.241	166	11679	0.277	ng/ul	99
14) Pentachlorophenol	16.599	266	2082	0.493	ng/ul	98
15) Phenanthrene	16.967	178	16204	0.293	ng/ul	99
16) Anthracene	17.057	178	12817	0.264	ng/ul	100
19) Fluoranthene	18.981	202	16122	0.318	ng/ul	99
20) Pyrene	19.343	202	16244	0.311	ng/ul	100
21) Benzo(a)anthracene	21.089	228	10687	0.267	ng/ul	100
22) Chrysene	21.138	228	13412	0.304	ng/ul	99
24) Benzo(b)fluoranthene	22.600	252	12399	0.310	ng/ul	91
25) Benzo(k)fluoranthene	22.639	252	12613m	0.316	ng/ul	
26) Benzo(a)pyrene	23.140	252	10060	0.300	ng/ul#	83
27) Indeno(1,2,3-cd)pyrene	25.328	276	13329	0.325	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.333	278	10477	0.324	ng/ul#	94
29) Benzo(g,h,i)perylene	25.970	276	12618	0.353	ng/ul	97

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

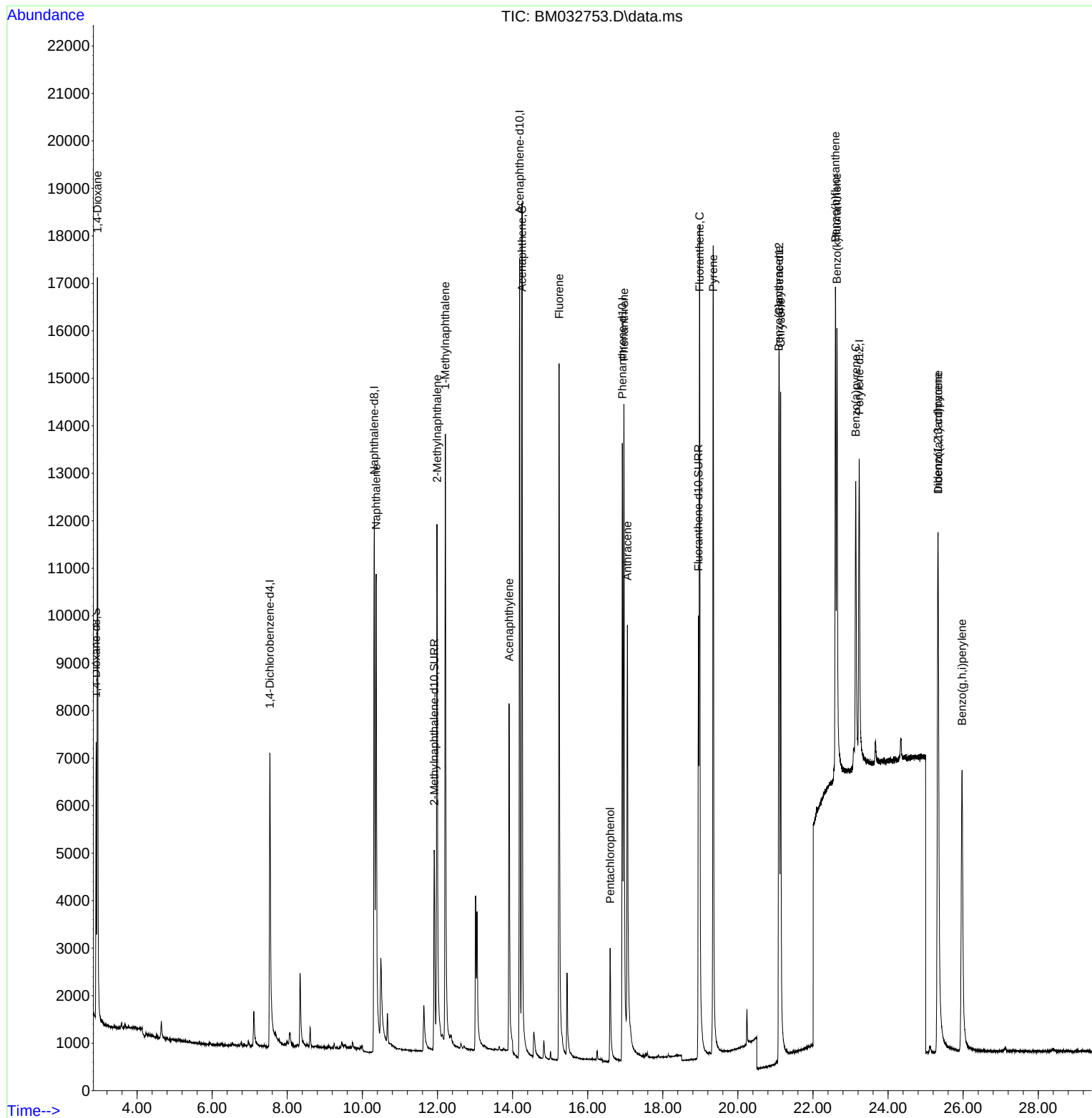
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102521\
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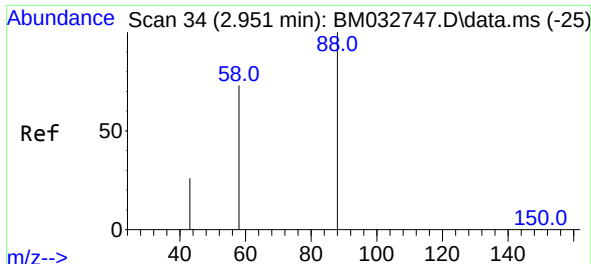
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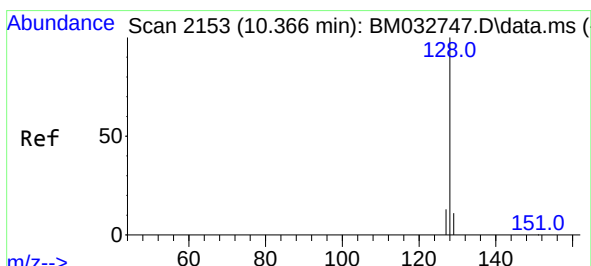
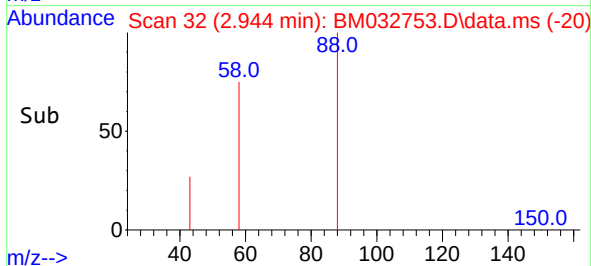
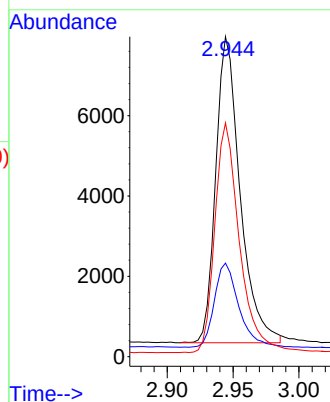
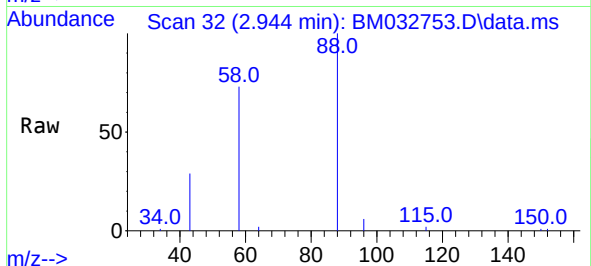
#2
1,4-Dioxane
Concen: 1.658 ng/ul
RT: 2.944 min Scan# 32
Delta R.T. -0.007 min
Lab File: BM032753.D
Acq: 27 Oct 2021 07:04

Tgt Ion: 88 Resp: 9808
Ion Ratio Lower Upper
88 100
43 29.3 46.6 69.8#
58 73.0 60.7 91.1

Instrument :
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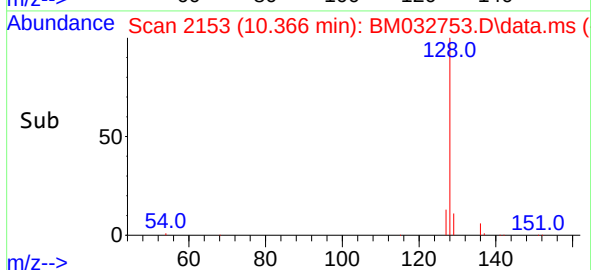
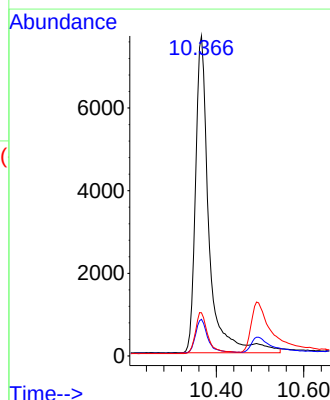
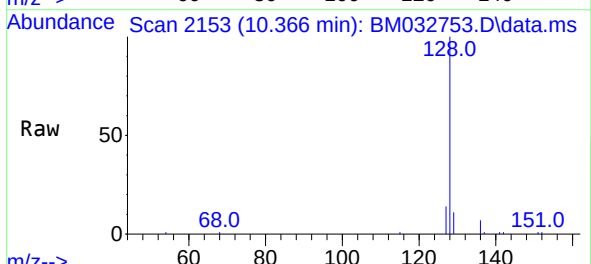
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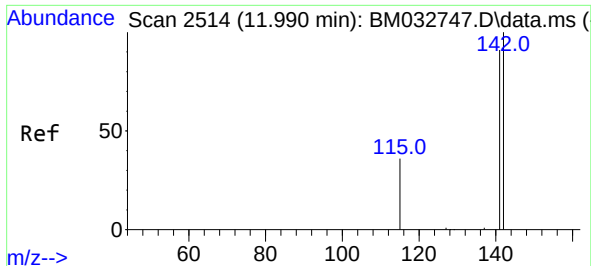
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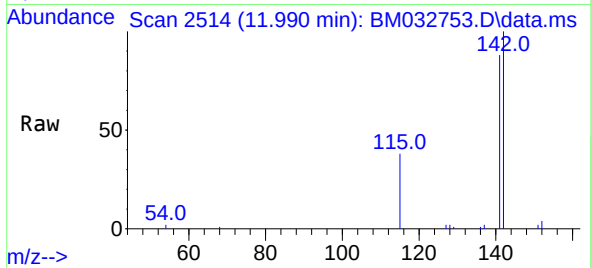
#5
Naphthalene
Concen: 0.301 ng/ul
RT: 10.366 min Scan# 2153
Delta R.T. -0.004 min
Lab File: BM032753.D
Acq: 27 Oct 2021 07:04

Tgt Ion: 128 Resp: 16394
Ion Ratio Lower Upper
128 100
129 11.4 9.1 13.7
127 13.5 11.1 16.7

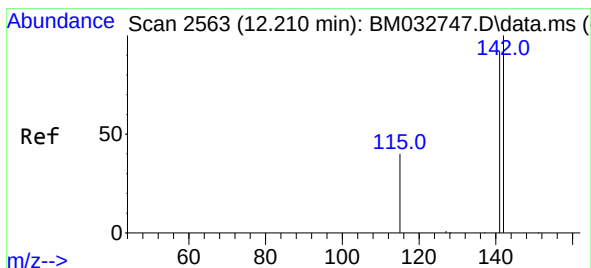
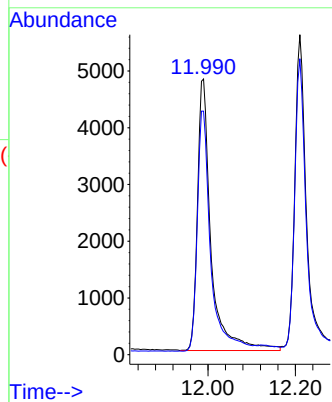
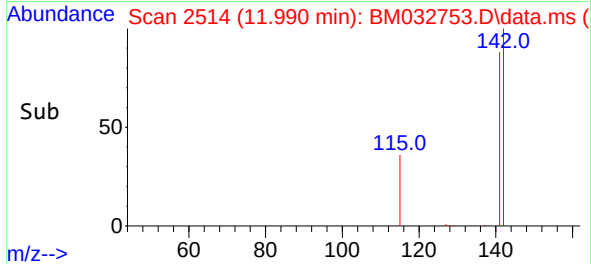




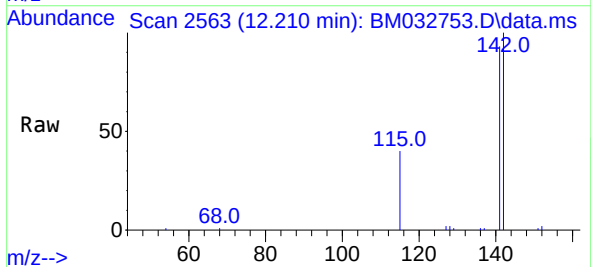
#7
2-Methylnaphthalene
Concen: 0.290 ng/ul
RT: 11.990 min Scan# 2514
Delta R.T. -0.004 min
Lab File: BM032753.D
Acq: 27 Oct 2021 07:04



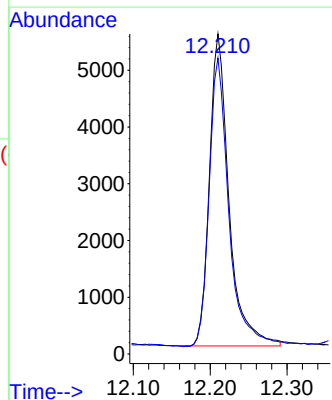
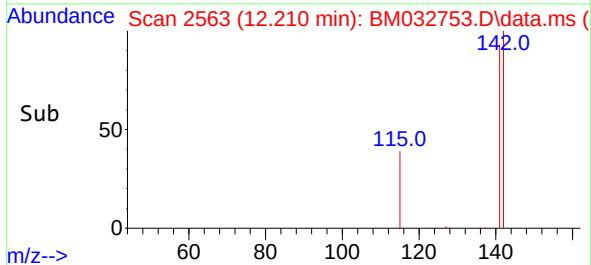
Tgt Ion:142 Resp: 10332
Ion Ratio Lower Upper
142 100
141 90.4 72.2 108.2



#8
1-Methylnaphthalene
Concen: 0.277 ng/ul
RT: 12.210 min Scan# 2563
Delta R.T. -0.004 min
Lab File: BM032753.D
Acq: 27 Oct 2021 07:04



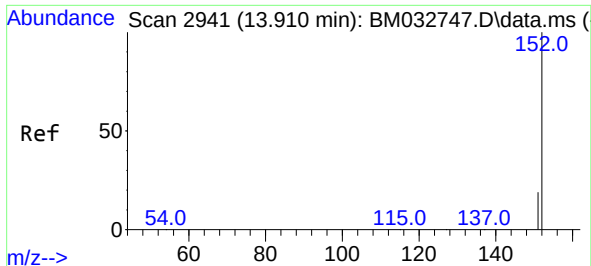
Tgt Ion:142 Resp: 9766
Ion Ratio Lower Upper
142 100
141 93.1 74.9 112.3



Instrument :
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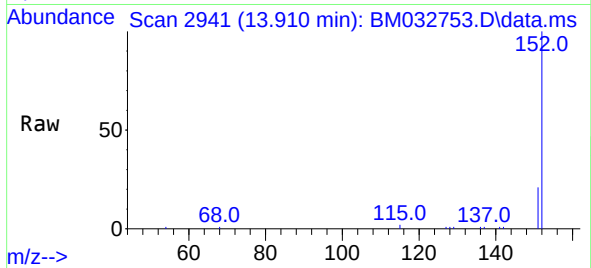
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#10
Acenaphthylene
Concen: 0.268 ng/ul
RT: 13.910 min Scan# 2941
Delta R.T. -0.004 min
Lab File: BM032753.D
Acq: 27 Oct 2021 07:04

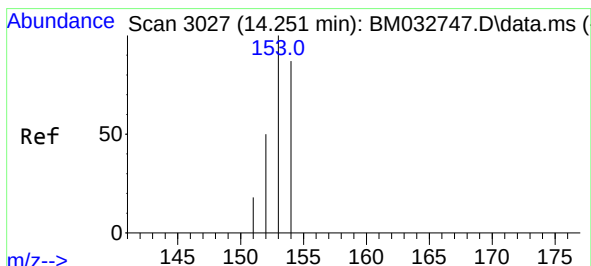
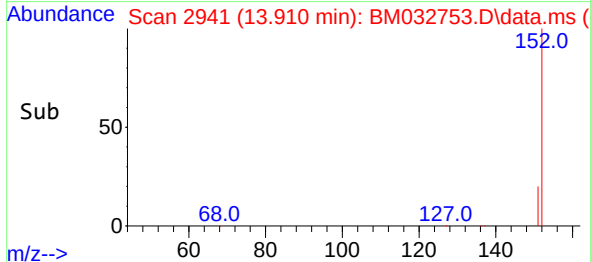
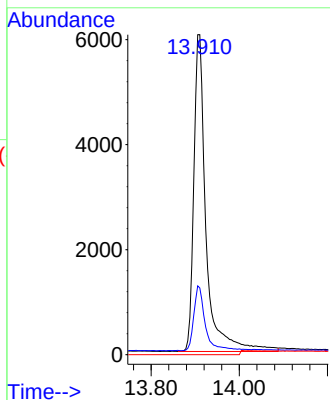
Instrument :
BNA_M
ClientSampleId :
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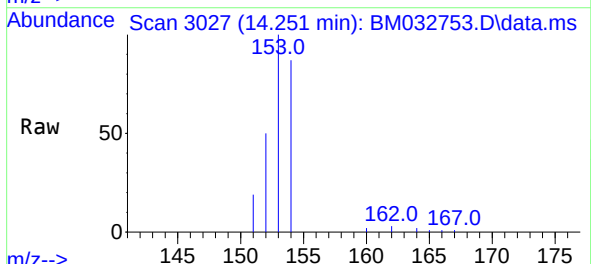
Tgt Ion:152 Resp: 11006
Ion Ratio Lower Upper
152 100
151 20.9 16.7 25.1
153 0.0 0.0 0.0

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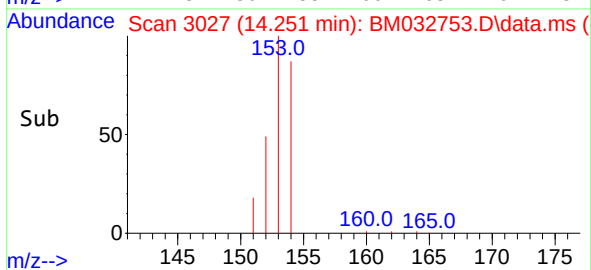
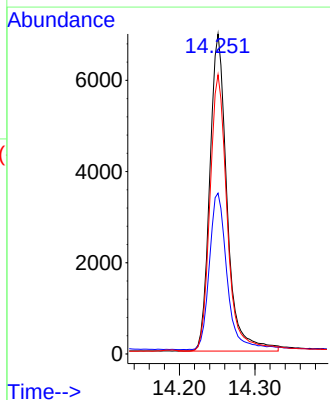
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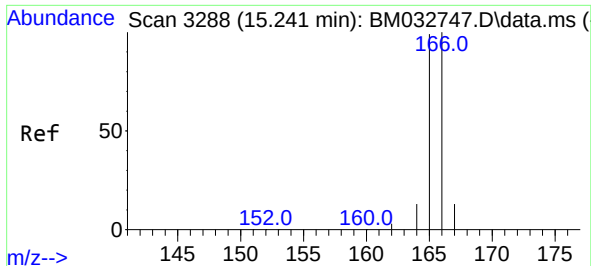


#11
Acenaphthene
Concen: 0.295 ng/ul
RT: 14.251 min Scan# 3027
Delta R.T. -0.004 min
Lab File: BM032753.D
Acq: 27 Oct 2021 07:04

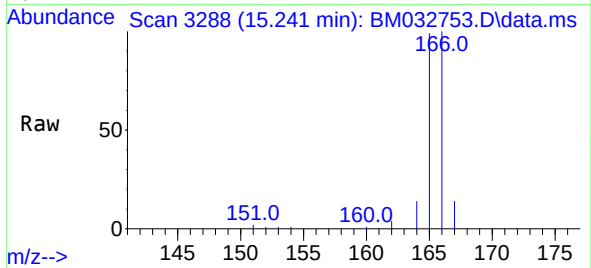


Tgt Ion:153 Resp: 11048
Ion Ratio Lower Upper
153 100
152 50.3 40.4 60.6
154 87.3 70.8 106.2



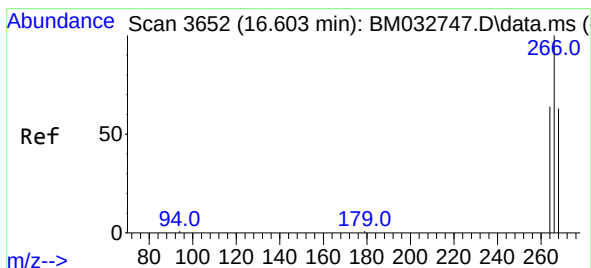
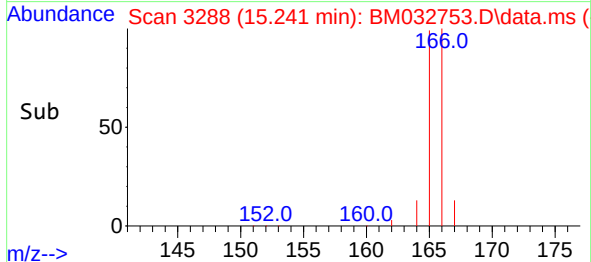
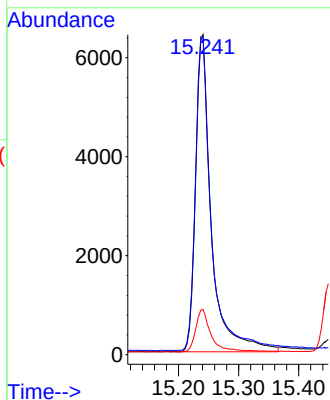


#12
Fluorene
Concen: 0.277 ng/ul
RT: 15.241 min Scan# 3288
Delta R.T. -0.004 min
Lab File: BM032753.D
Acq: 27 Oct 2021 07:04

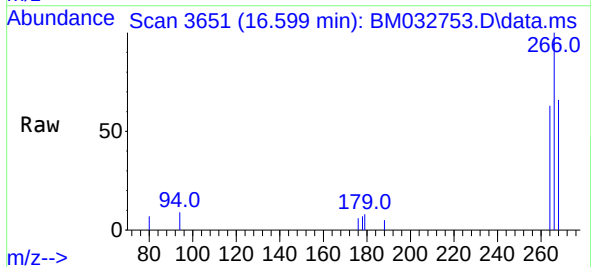


Tgt Ion:166 Resp: 11679

Ion	Ratio	Lower	Upper
166	100		
165	99.3	80.7	121.1
167	14.2	11.2	16.8

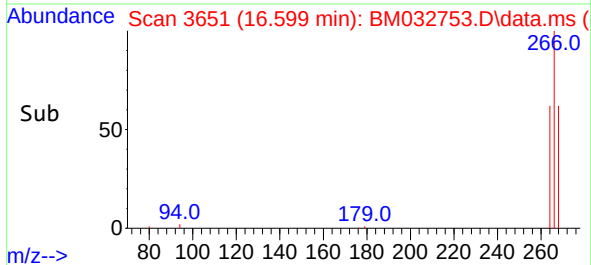
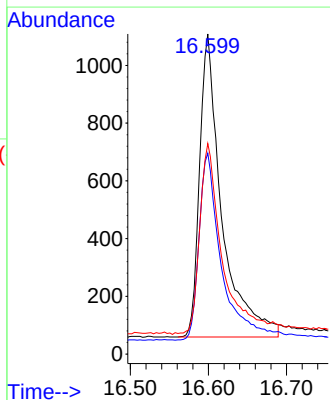


#14
Pentachlorophenol
Concen: 0.493 ng/ul
RT: 16.599 min Scan# 3651
Delta R.T. -0.007 min
Lab File: BM032753.D
Acq: 27 Oct 2021 07:04



Tgt Ion:266 Resp: 2082

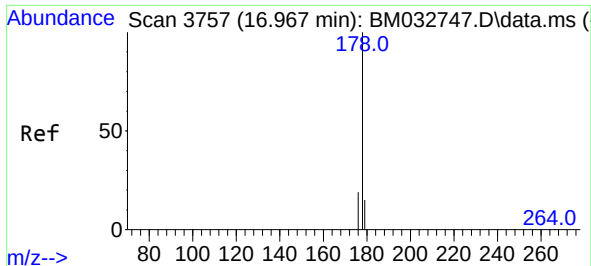
Ion	Ratio	Lower	Upper
266	100		
264	61.8	50.8	76.2
268	63.8	50.2	75.2



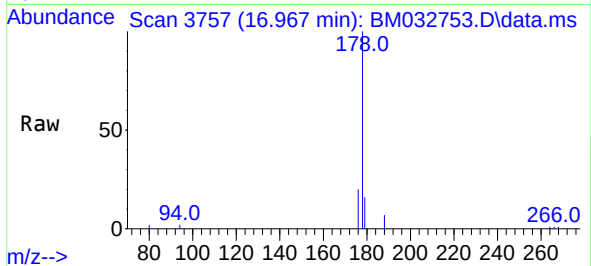
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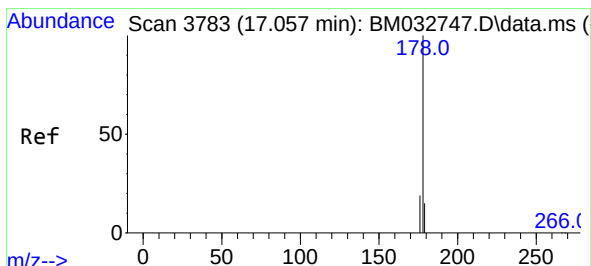
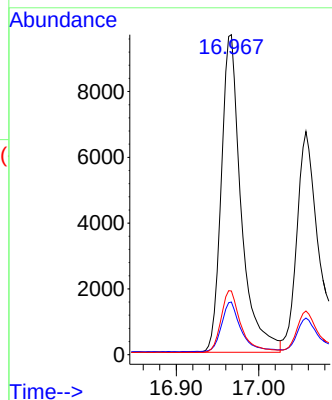


#15
Phenanthrene
Concen: 0.293 ng/u1
RT: 16.967 min Scan# 3757
Delta R.T. -0.003 min
Lab File: BM032753.D
Acq: 27 Oct 2021 07:04

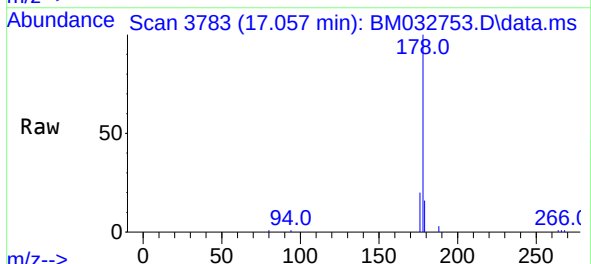


Tgt Ion:178 Resp: 16204

Ion	Ratio	Lower	Upper
178	100		
179	16.4	12.9	19.3
176	19.9	16.1	24.1

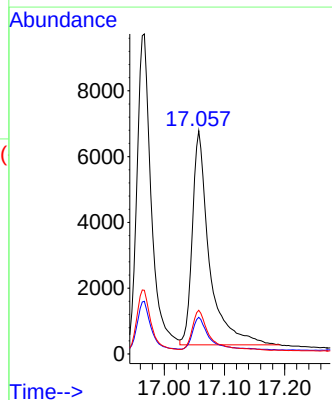


#16
Anthracene
Concen: 0.264 ng/u1
RT: 17.057 min Scan# 3783
Delta R.T. -0.003 min
Lab File: BM032753.D
Acq: 27 Oct 2021 07:04



Tgt Ion:178 Resp: 12817

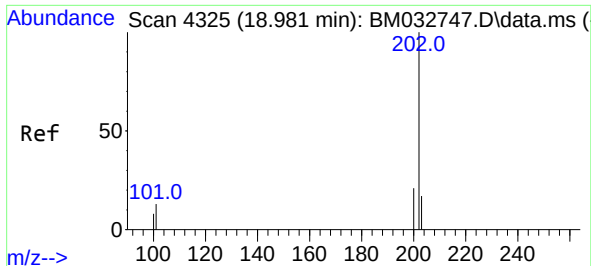
Ion	Ratio	Lower	Upper
178	100		
179	16.4	12.9	19.3
176	19.6	15.8	23.6



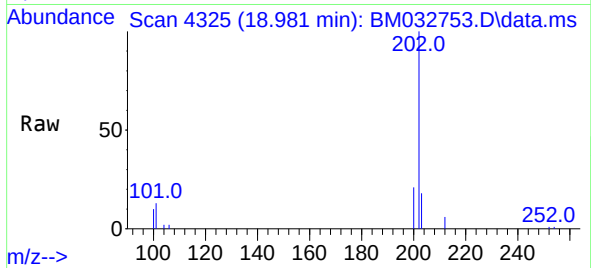
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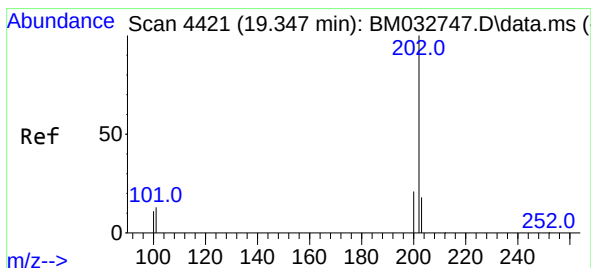
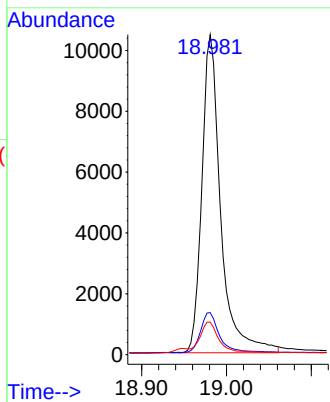
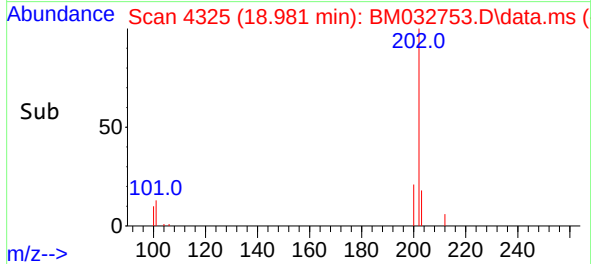
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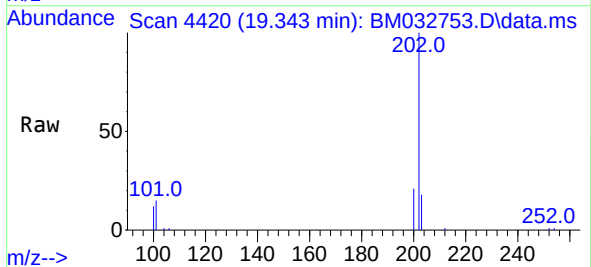
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Fluoranthene
Concen: 0.318 ng/ul
RT: 18.981 min Scan# 4325
Delta R.T. -0.004 min
Lab File: BM032753.D
Acq: 27 Oct 2021 07:04



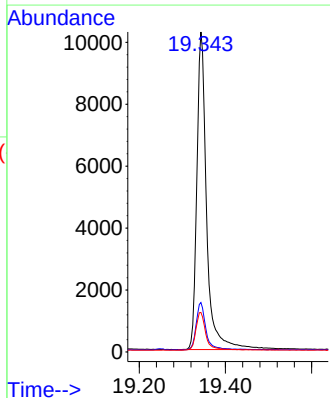
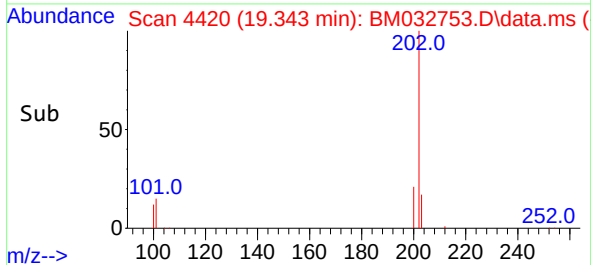
Tgt Ion:202 Resp: 16122
Ion Ratio Lower Upper
202 100
101 13.1 10.6 16.0
100 10.1 7.8 11.8



#20
Pyrene
Concen: 0.311 ng/ul
RT: 19.343 min Scan# 4420
Delta R.T. -0.004 min
Lab File: BM032753.D
Acq: 27 Oct 2021 07:04



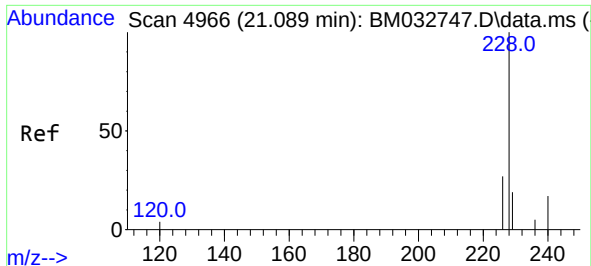
Tgt Ion:202 Resp: 16244
Ion Ratio Lower Upper
202 100
101 15.4 12.3 18.5
100 12.4 10.1 15.1



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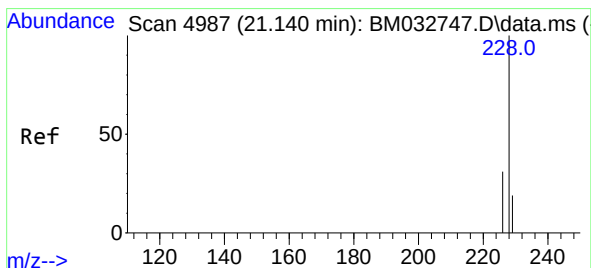
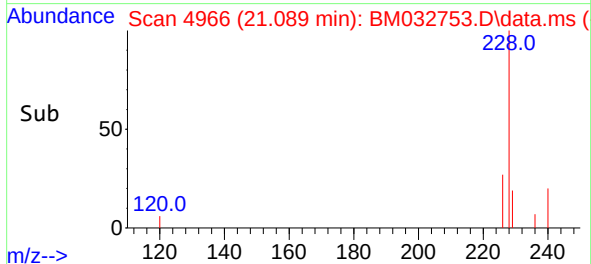
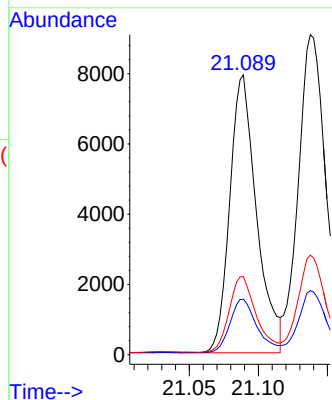
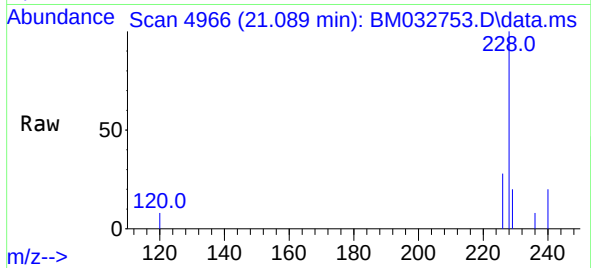
#21
Benzo(a)anthracene
Concen: 0.267 ng/ul
RT: 21.089 min Scan# 4966
Delta R.T. -0.002 min
Lab File: BM032753.D
Acq: 27 Oct 2021 07:04

Tgt Ion:	228	Resp:	10687
Ion Ratio	Lower	Upper	
228	100		
229	19.8	15.9	23.9
226	27.9	22.4	33.6

Instrument :
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ClientSampled :
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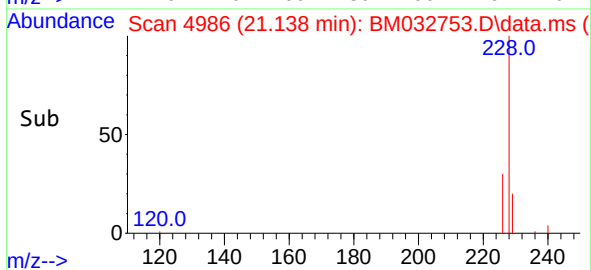
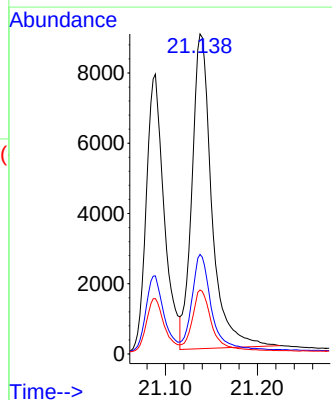
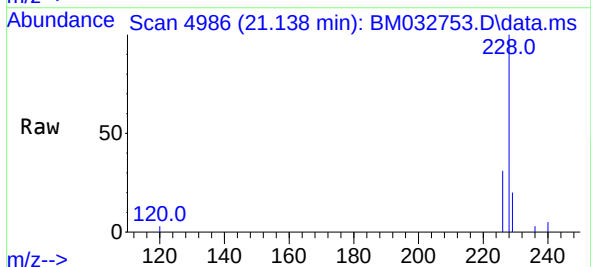
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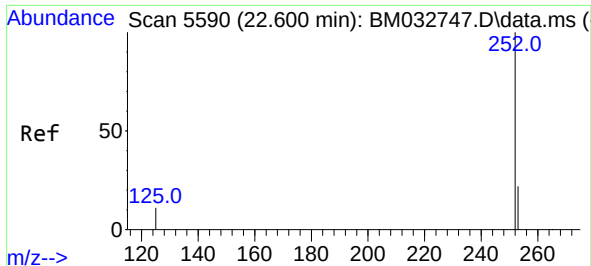
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#22
Chrysene
Concen: 0.304 ng/ul
RT: 21.138 min Scan# 4986
Delta R.T. -0.005 min
Lab File: BM032753.D
Acq: 27 Oct 2021 07:04

Tgt Ion:	228	Resp:	13412
Ion Ratio	Lower	Upper	
228	100		
226	31.1	25.1	37.7
229	20.0	15.7	23.5





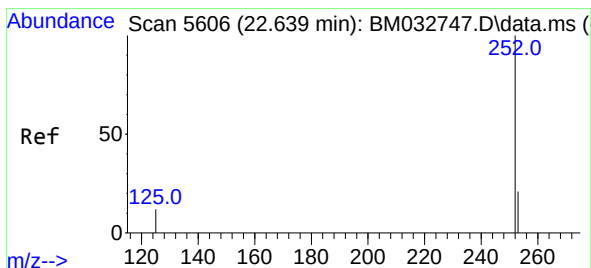
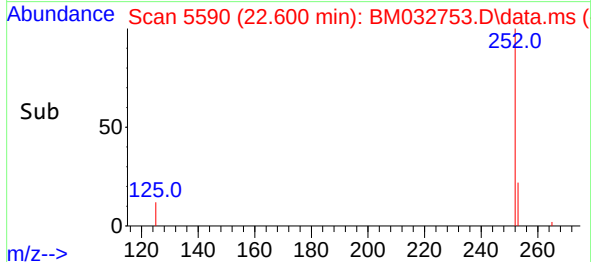
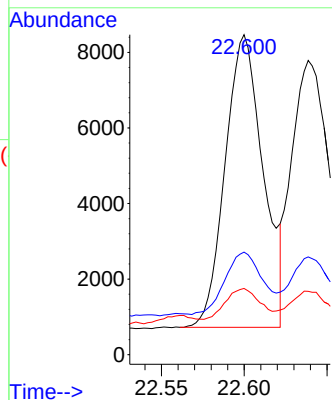
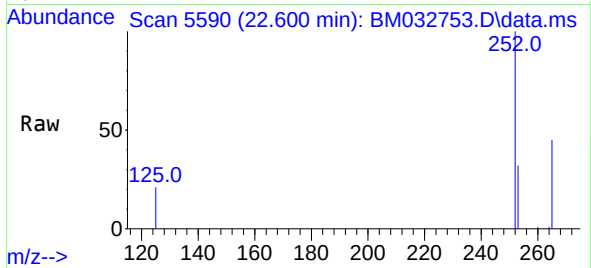
#24
Benzo(b)fluoranthene
Concen: 0.310 ng/ul
RT: 22.600 min Scan# 5590
Delta R.T. -0.005 min
Lab File: BM032753.D
Acq: 27 Oct 2021 07:04

Tgt Ion:252 Resp: 12399
Ion Ratio Lower Upper
252 100
253 32.1 0.0 53.8
125 20.7 0.0 35.6

Instrument :
BNA_M
ClientSampled :
SLCS204

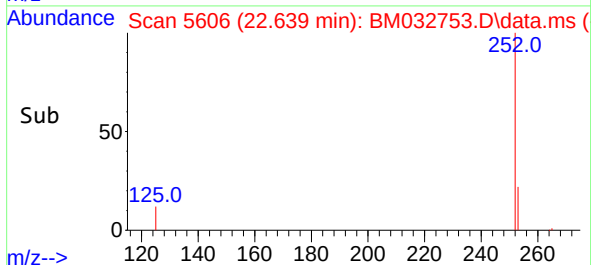
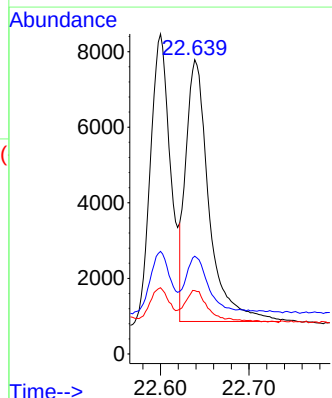
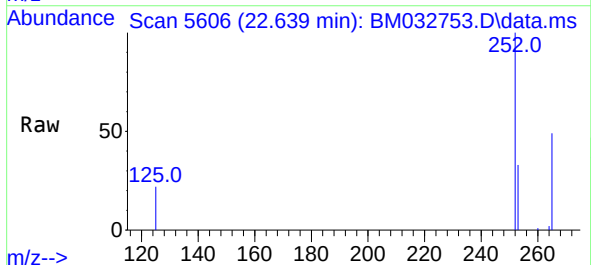
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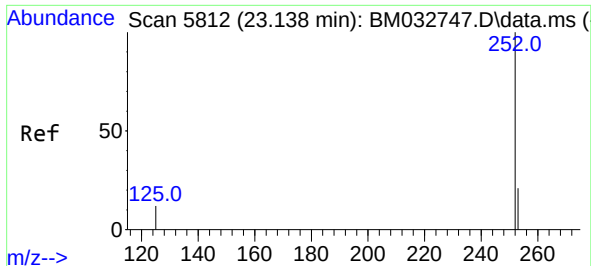
mohammad
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#25
Benzo(k)fluoranthene
Concen: 0.316 ng/ul m
RT: 22.639 min Scan# 5606
Delta R.T. -0.007 min
Lab File: BM032753.D
Acq: 27 Oct 2021 07:04

Tgt Ion:252 Resp: 12613
Ion Ratio Lower Upper
252 100
253 33.2 21.8 32.6#
125 21.5 14.4 21.6





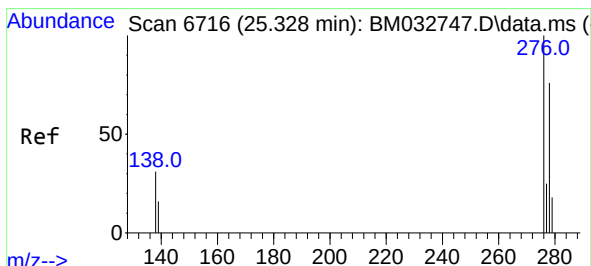
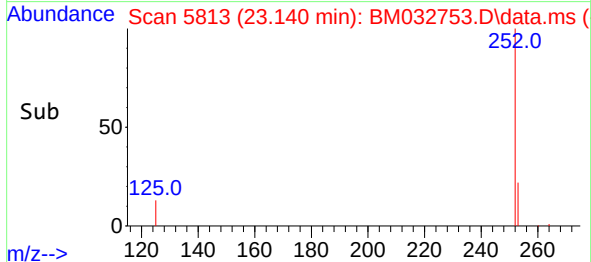
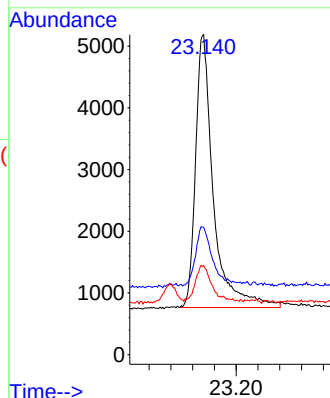
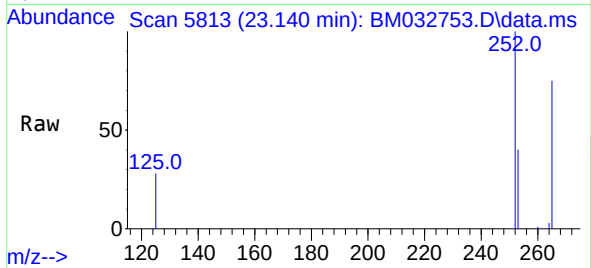
#26
Benzo(a)pyrene
Concen: 0.300 ng/ul
RT: 23.140 min Scan# 5813
Delta R.T. -0.007 min
Lab File: BM032753.D
Acq: 27 Oct 2021 07:04

Tgt Ion:252 Resp: 10060
Ion Ratio Lower Upper
252 100
253 39.8 23.6 35.4#
125 27.9 17.1 25.7#

Instrument :
BNA_M
ClientSampled :
SLCS204

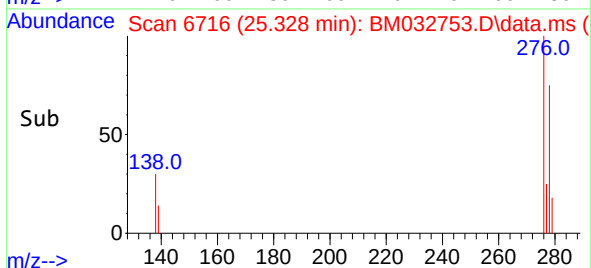
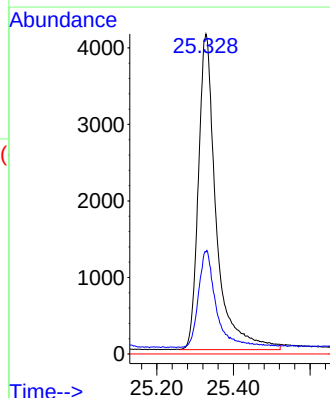
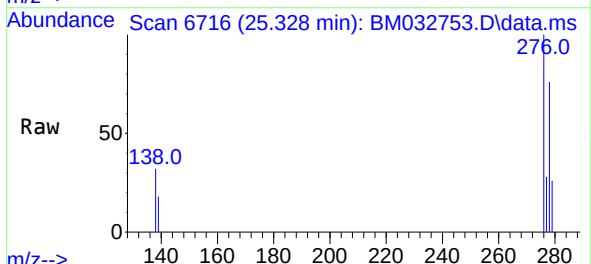
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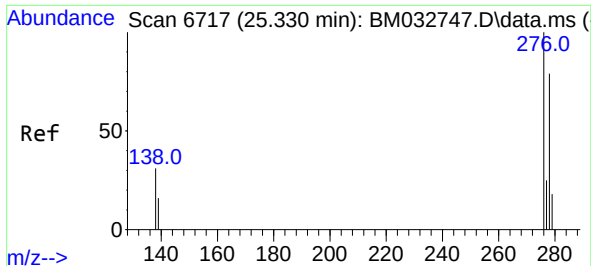
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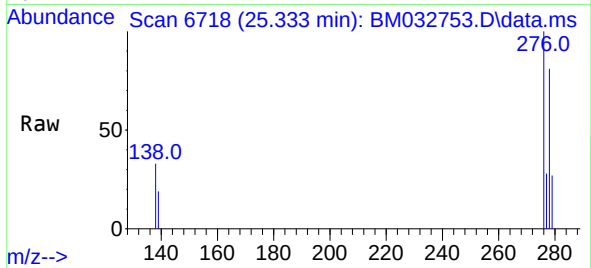
#27
Indeno(1,2,3-cd)pyrene
Concen: 0.325 ng/ul
RT: 25.328 min Scan# 6716
Delta R.T. -0.012 min
Lab File: BM032753.D
Acq: 27 Oct 2021 07:04

Tgt Ion:276 Resp: 13329
Ion Ratio Lower Upper
276 100
138 30.9 24.9 37.3
227 0.0 0.0 0.0

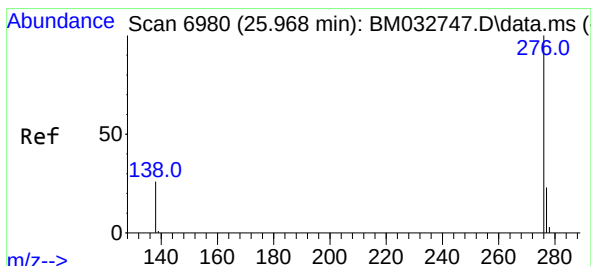
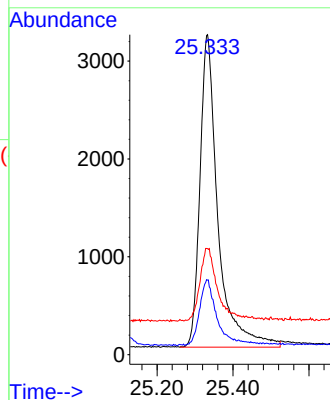
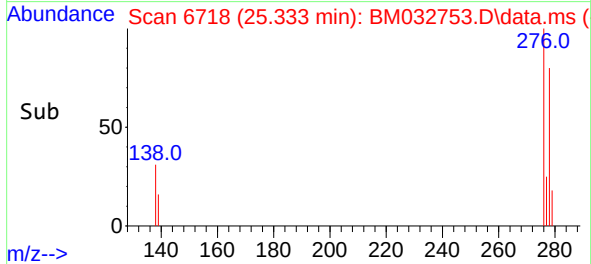




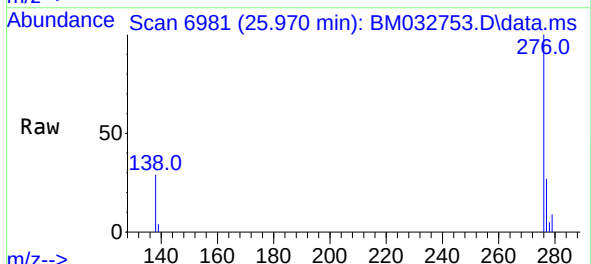
#28
Dibenzo(a,h)anthracene
Concen: 0.324 ng/ul
RT: 25.333 min Scan# 6718
Delta R.T. -0.012 min
Lab File: BM032753.D
Acq: 27 Oct 2021 07:04



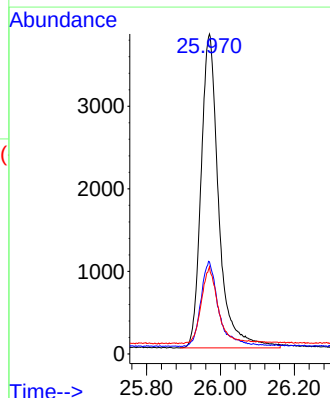
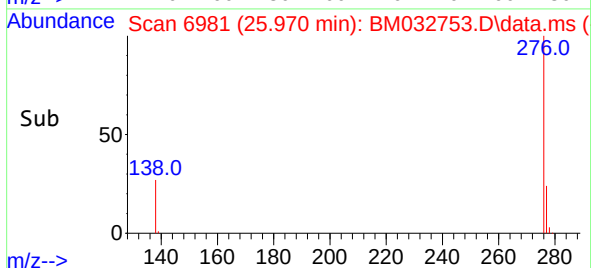
Tgt Ion:278 Resp: 10477
Ion Ratio Lower Upper
278 100
139 23.3 18.6 28.0
279 33.1 22.0 33.0#



#29
Benzo(g,h,i)perylene
Concen: 0.353 ng/ul
RT: 25.970 min Scan# 6981
Delta R.T. -0.010 min
Lab File: BM032753.D
Acq: 27 Oct 2021 07:04



Tgt Ion:276 Resp: 12618
Ion Ratio Lower Upper
276 100
138 28.8 22.6 33.8
277 27.3 19.9 29.9



Instrument :
BNA_M
ClientSampleId :
SLCS204

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