

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101921\
 Data File : BM032586.D
 Acq On : 19 Oct 2021 16:23
 Operator : CG/JU
 Sample : M4181-19DL 5X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0B28DL

Manual Integrations
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Quant Time: Oct 19 16:56:27 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 19 15:20:30 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.560	152	6072	0.40	ng/ul	0.00
4) Naphthalene-d8	10.343	136	19545	0.40	ng/ul	0.00
9) Acenaphthene-d10	14.213	164	9416	0.40	ng/ul	0.00
13) Phenanthrene-d10	16.946	188	16851	0.40	ng/ul	0.00
17) Chrysene-d12	21.123	240	11643	0.40	ng/ul	0.00
23) Perylene-d12	23.264	264	11025	0.40	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.927	96	4097	0.60	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.940	152	1116	0.04	ng/ul	0.00
18) Fluoranthene-d10	18.973	212	1688	0.05	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.393	128	38545	0.65	ng/ul	98
7) 2-Methylnaphthalene	12.012	142	31157	0.80	ng/ul	99
8) 1-Methylnaphthalene	12.237	142	23734	0.62	ng/ul	99
10) Acenaphthylene	13.933	152	17262	0.43	ng/ul	100
11) Acenaphthene	14.277	153	906	0.02	ng/ul#	87
12) Fluorene	15.263	166	1629	0.04	ng/ul#	64
15) Phenanthrene	16.988	178	27423	0.48	ng/ul	100
16) Anthracene	17.078	178	17851	0.36	ng/ul	99
19) Fluoranthene	19.004	202	54075	0.94	ng/ul	100
20) Pyrene	19.366	202	40894	0.69	ng/ul	99
21) Benzo(a)anthracene	21.106	228	36646	0.81	ng/ul	96
22) Chrysene	21.157	228	53600	1.07	ng/ul	98
24) Benzo(b)fluoranthene	22.629	252	87863m	1.72	ng/ul	
25) Benzo(k)fluoranthene	22.663	252	30449m	0.60	ng/ul	
26) Benzo(a)pyrene	23.172	252	11941	0.28	ng/ul#	90
27) Indeno(1,2,3-cd)pyrene	25.376	276	19128	0.37	ng/ul#	93
28) Dibenzo(a,h)anthracene	25.376	278	9909	0.24	ng/ul#	91

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

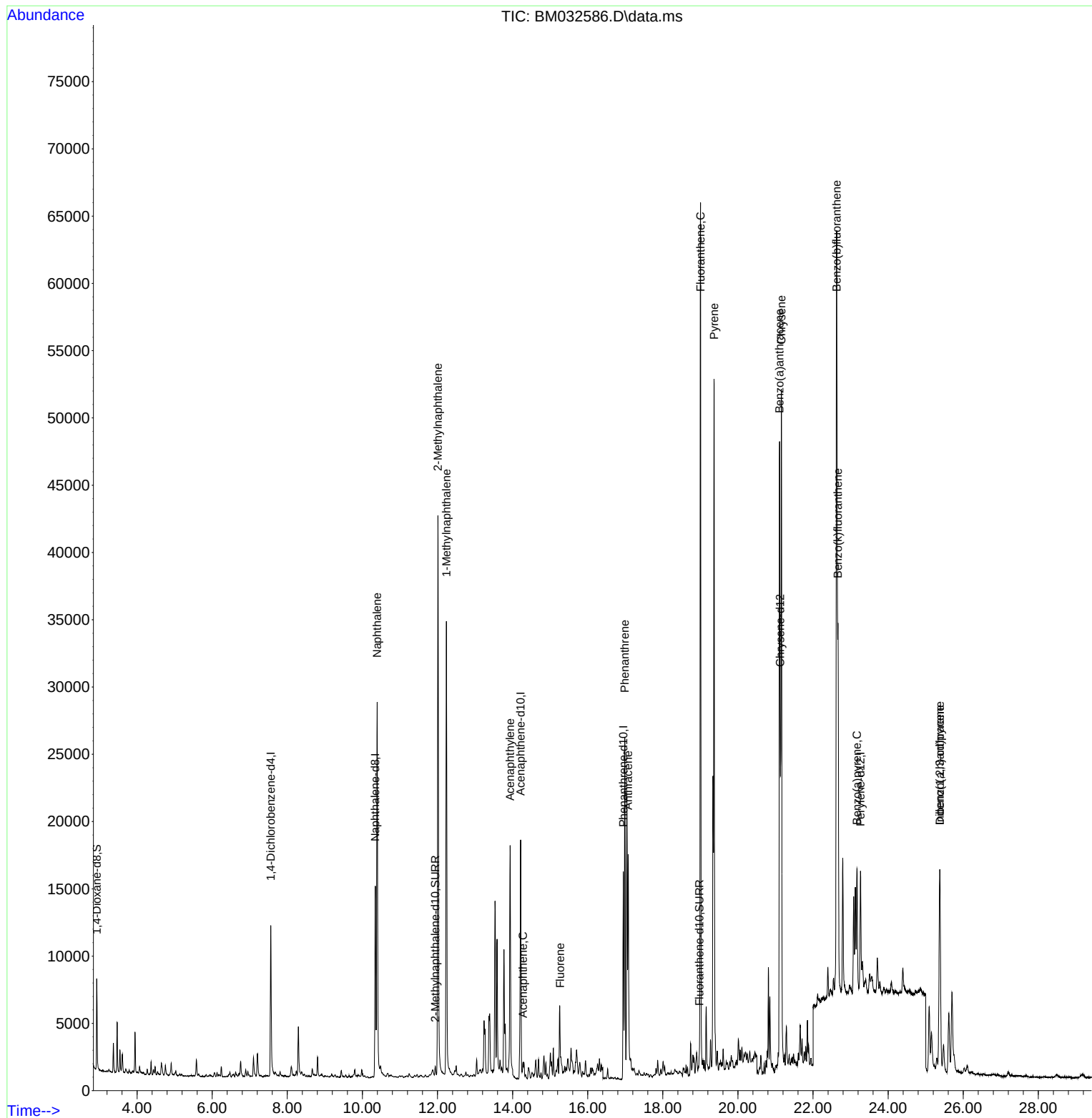
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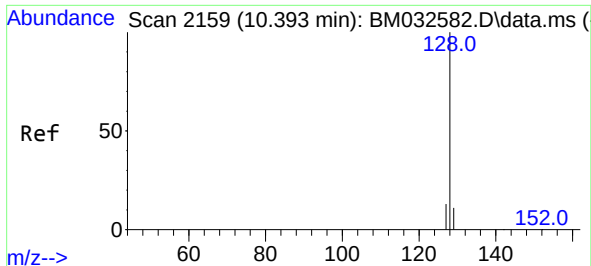
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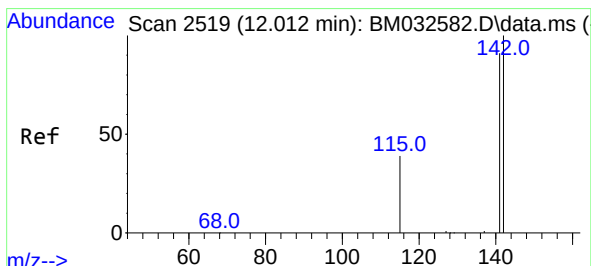
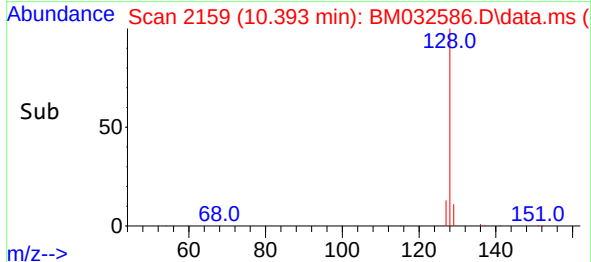
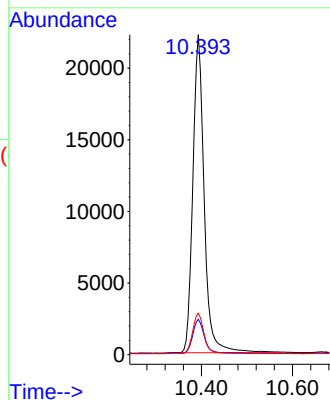
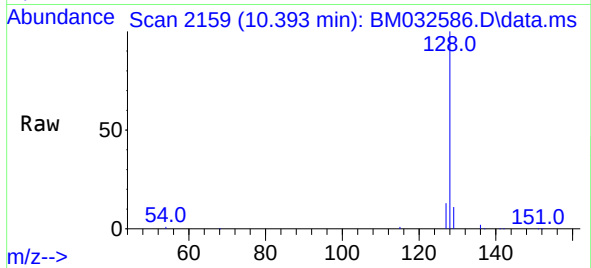
#5
Naphthalene
Concen: 0.65 ng/ul
RT: 10.393 min Scan# 2159
Delta R.T. -0.000 min
Lab File: BM032586.D
Acq: 19 Oct 2021 16:23

Tgt Ion:128 Resp: 38545
Ion Ratio Lower Upper
128 100
129 11.1 9.1 13.7
127 13.0 11.1 16.7

Instrument :
BNA_M
ClientSampleId :
C0B28DL

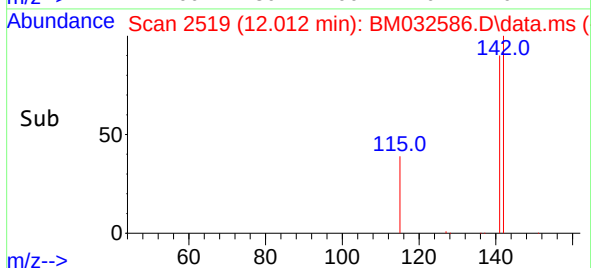
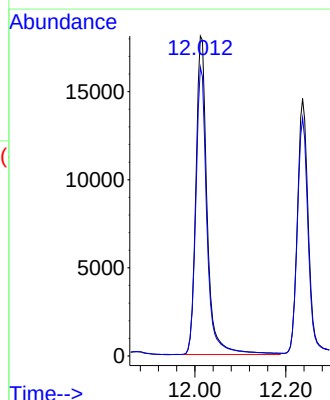
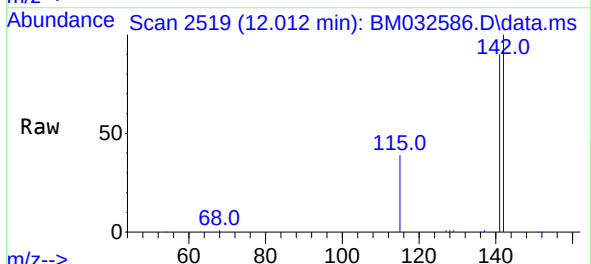
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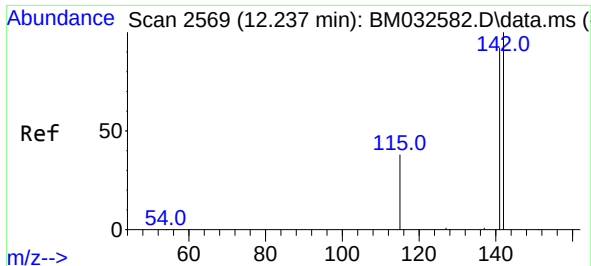
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#7
2-Methylnaphthalene
Concen: 0.80 ng/ul
RT: 12.012 min Scan# 2519
Delta R.T. -0.000 min
Lab File: BM032586.D
Acq: 19 Oct 2021 16:23

Tgt Ion:142 Resp: 31157
Ion Ratio Lower Upper
142 100
141 89.6 72.2 108.2





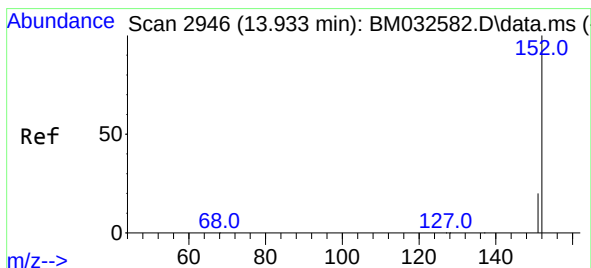
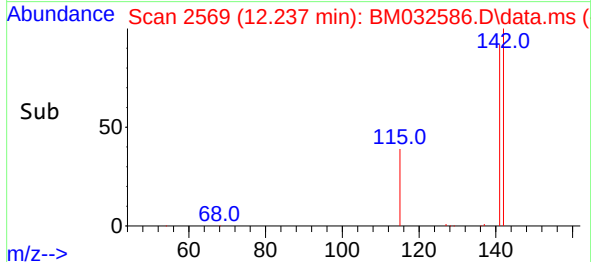
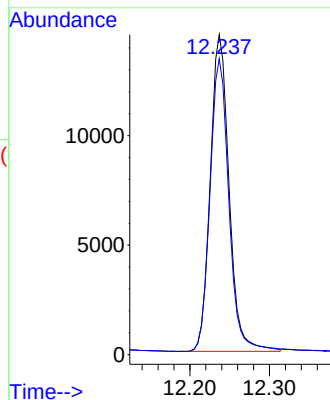
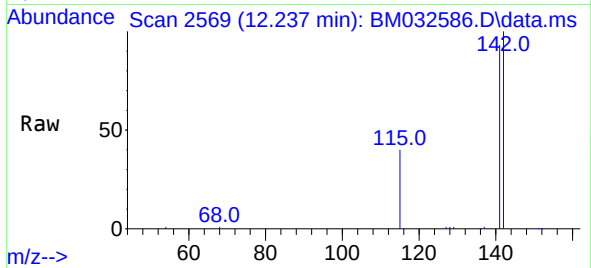
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1-Methylnaphthalene
Concen: 0.62 ng/ul
RT: 12.237 min Scan# 2569
Delta R.T. -0.000 min
Lab File: BM032586.D
Acq: 19 Oct 2021 16:23

Tgt Ion:142 Resp: 23734
Ion Ratio Lower Upper
142 100
141 92.8 74.9 112.3

Instrument :
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ClientSampled :
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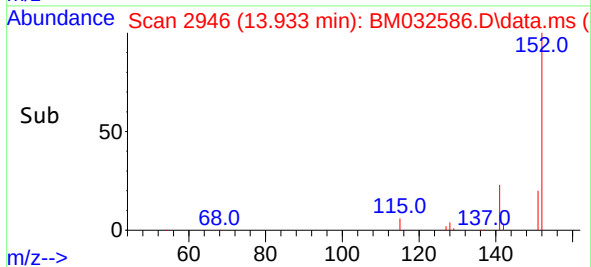
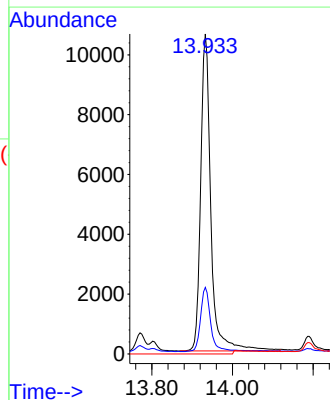
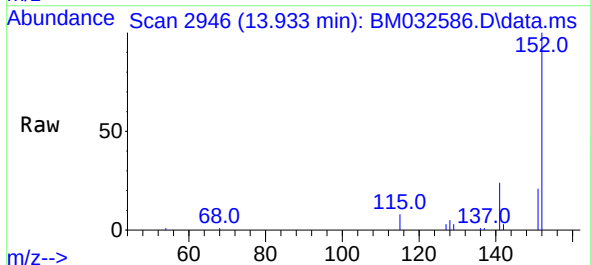
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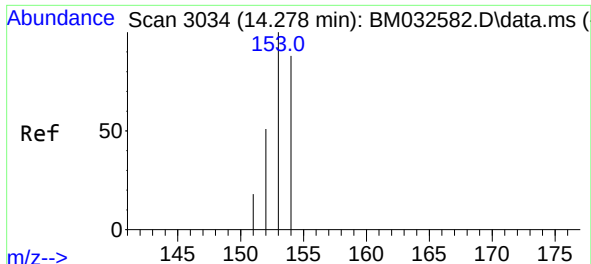
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#10
Acenaphthylene
Concen: 0.43 ng/ul
RT: 13.933 min Scan# 2946
Delta R.T. -0.000 min
Lab File: BM032586.D
Acq: 19 Oct 2021 16:23

Tgt Ion:152 Resp: 17262
Ion Ratio Lower Upper
152 100
151 20.8 16.7 25.1
153 0.0 0.0 0.0





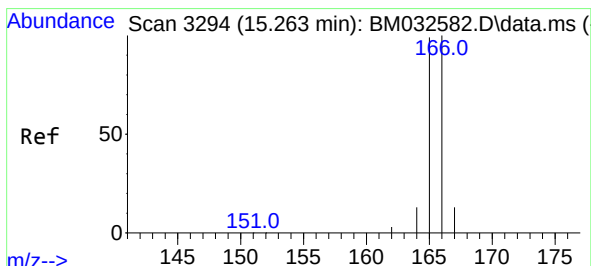
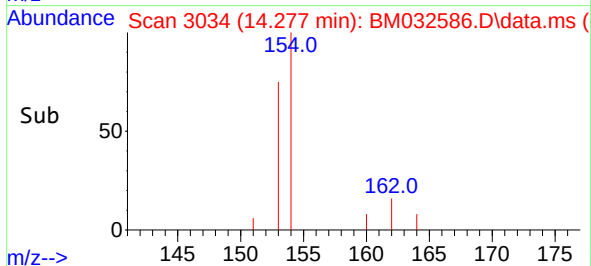
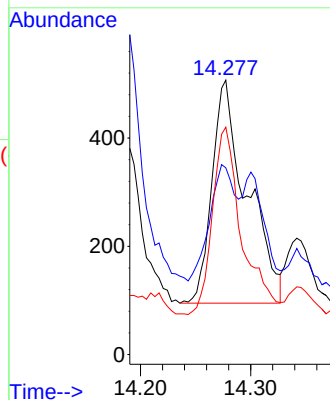
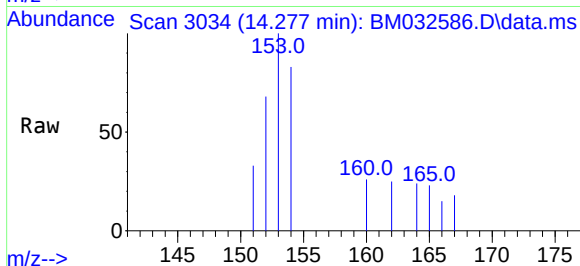
#11
Acenaphthene
Concen: 0.02 ng/ul
RT: 14.277 min Scan# 3034
Delta R.T. -0.000 min
Lab File: BM032586.D
Acq: 19 Oct 2021 16:23

Tgt Ion:153 Resp: 906
Ion Ratio Lower Upper
153 100
152 68.0 40.4 60.6#
154 82.8 70.8 106.2

Instrument :
BNA_M
ClientSampleId :
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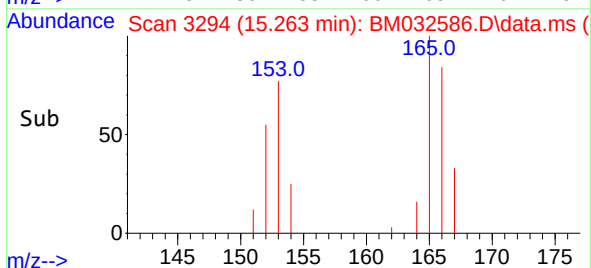
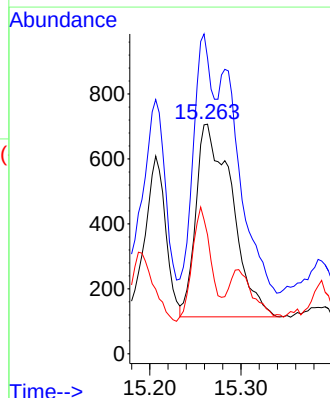
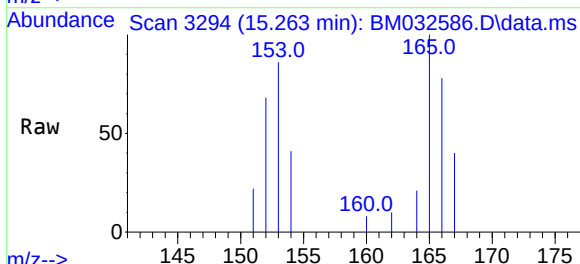
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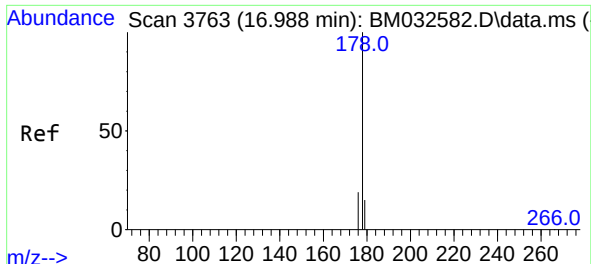
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#12
Fluorene
Concen: 0.04 ng/ul
RT: 15.263 min Scan# 3294
Delta R.T. -0.000 min
Lab File: BM032586.D
Acq: 19 Oct 2021 16:23

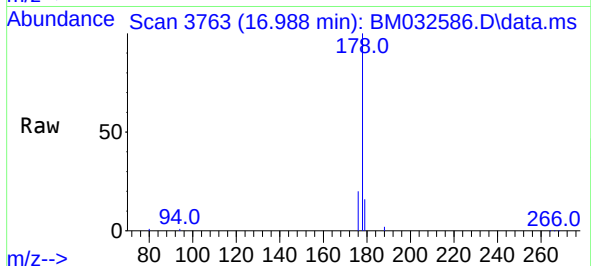
Tgt Ion:166 Resp: 1629
Ion Ratio Lower Upper
166 100
165 128.7 80.7 121.1#
167 51.8 11.2 16.8#





#15
Phenanthrene
Concen: 0.48 ng/ul
RT: 16.988 min Scan# 3763
Delta R.T. -0.000 min
Lab File: BM032586.D
Acq: 19 Oct 2021 16:23

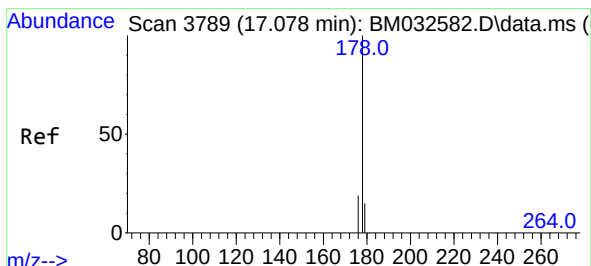
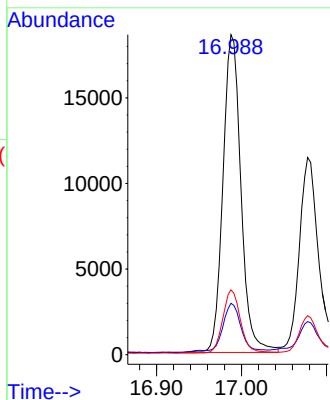
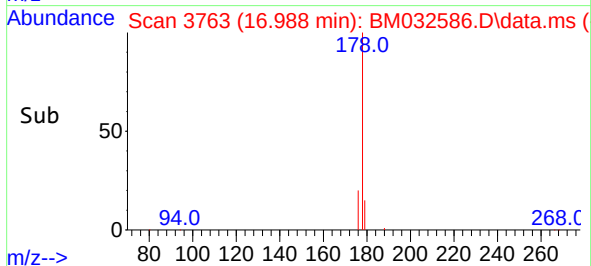
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ClientSampled :
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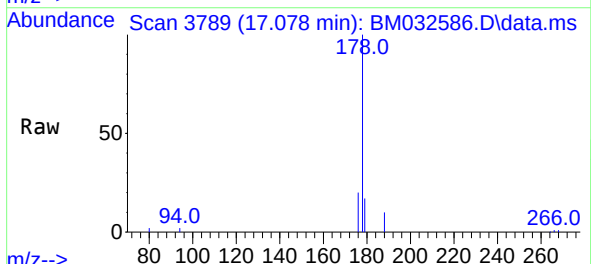
Tgt Ion:178 Resp: 27423
Ion Ratio Lower Upper
178 100
179 16.1 12.9 19.3
176 20.3 16.1 24.1

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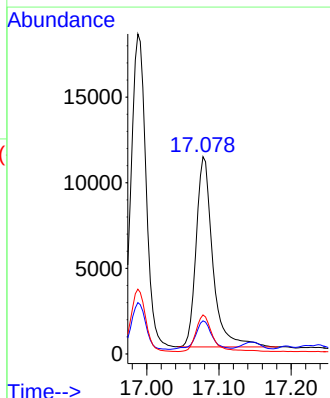
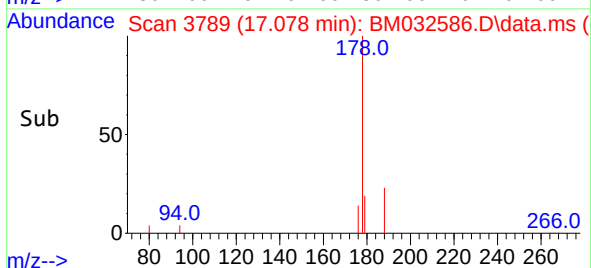
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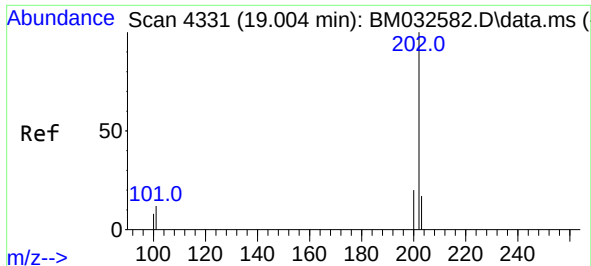


#16
Anthracene
Concen: 0.36 ng/ul
RT: 17.078 min Scan# 3789
Delta R.T. -0.000 min
Lab File: BM032586.D
Acq: 19 Oct 2021 16:23



Tgt Ion:178 Resp: 17851
Ion Ratio Lower Upper
178 100
179 16.8 12.9 19.3
176 19.8 15.8 23.6





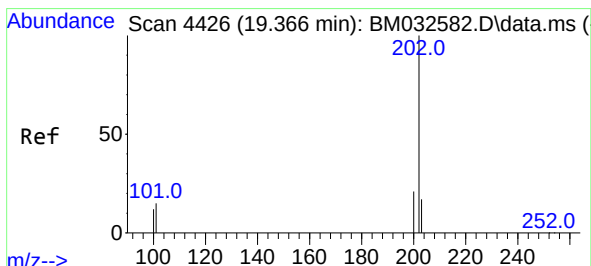
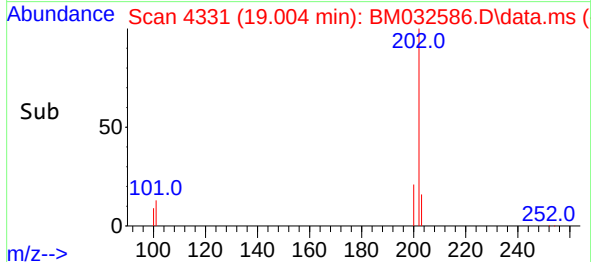
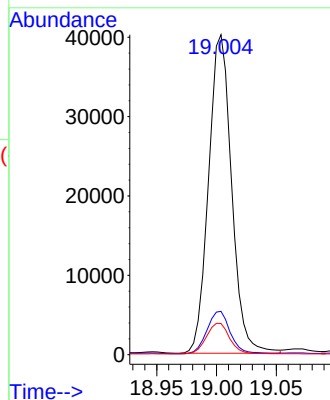
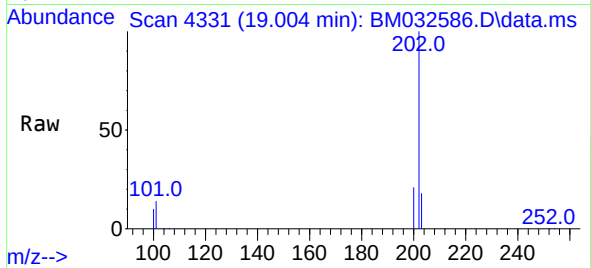
#19
Fluoranthene
Concen: 0.94 ng/ul
RT: 19.004 min Scan# 4331
Delta R.T. -0.000 min
Lab File: BM032586.D
Acq: 19 Oct 2021 16:23

Tgt Ion:	202	Resp:	54075
Ion Ratio	Lower	Upper	
202	100		
101	13.6	10.6	16.0
100	9.7	7.8	11.8

Instrument :
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ClientSampled :
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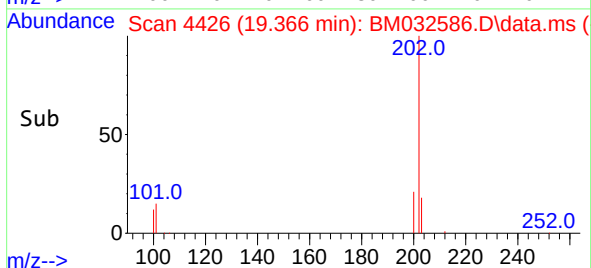
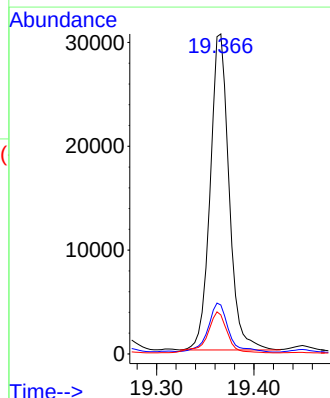
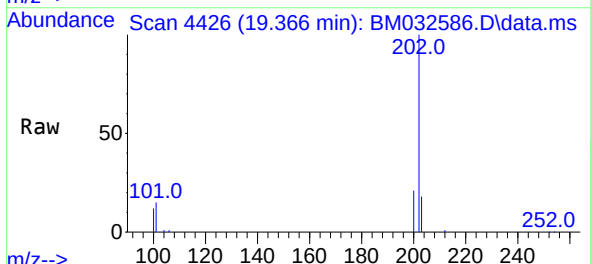
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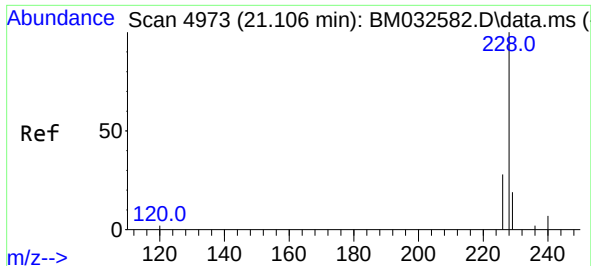
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#20
Pyrene
Concen: 0.69 ng/ul
RT: 19.366 min Scan# 4426
Delta R.T. -0.000 min
Lab File: BM032586.D
Acq: 19 Oct 2021 16:23

Tgt Ion:	202	Resp:	40894
Ion Ratio	Lower	Upper	
202	100		
101	15.3	12.3	18.5
100	12.2	10.1	15.1





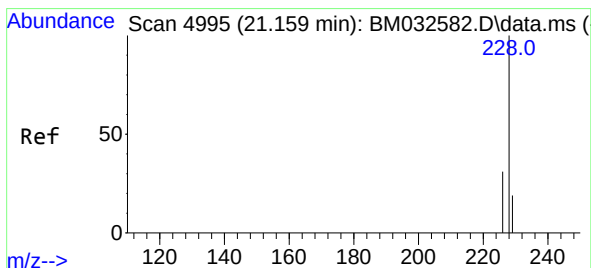
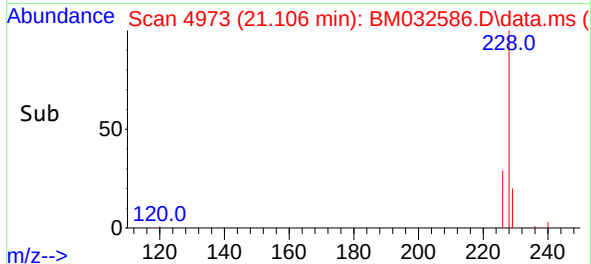
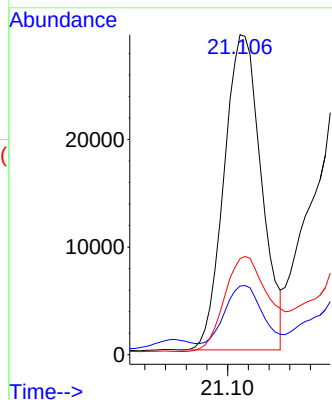
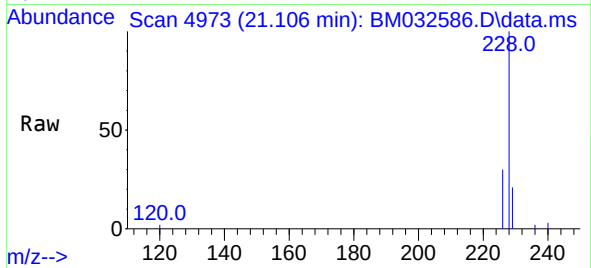
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Benzo(a)anthracene
Concen: 0.81 ng/ul
RT: 21.106 min Scan# 4973
Delta R.T. -0.000 min
Lab File: BM032586.D
Acq: 19 Oct 2021 16:23

Tgt Ion:	228	Resp:	36646
Ion Ratio	Lower	Upper	
228	100		
229	21.5	15.9	23.9
226	30.0	22.4	33.6

Instrument :
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C0B28DL

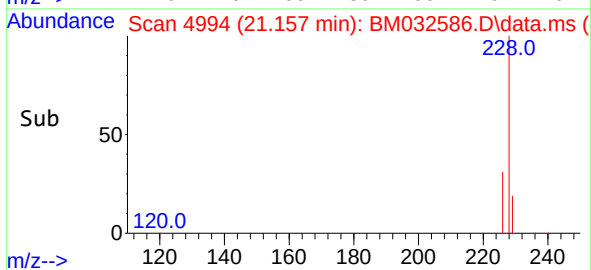
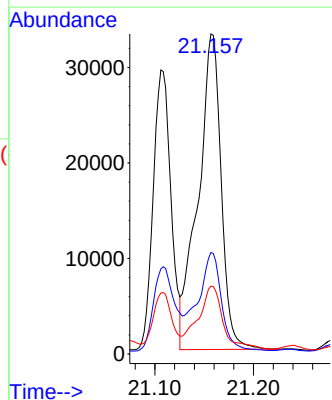
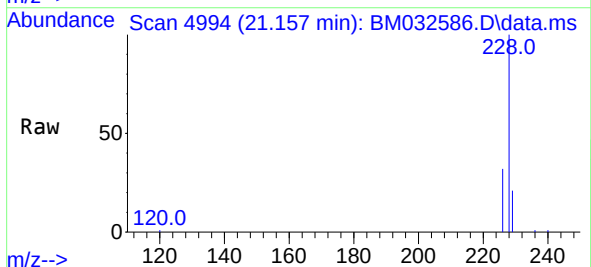
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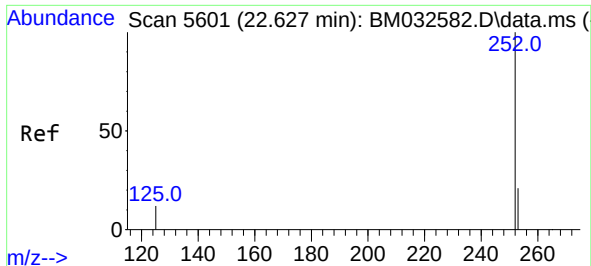
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#22
Chrysene
Concen: 1.07 ng/ul
RT: 21.157 min Scan# 4994
Delta R.T. -0.003 min
Lab File: BM032586.D
Acq: 19 Oct 2021 16:23

Tgt Ion:	228	Resp:	53600
Ion Ratio	Lower	Upper	
228	100		
226	31.7	25.1	37.7
229	21.2	15.7	23.5





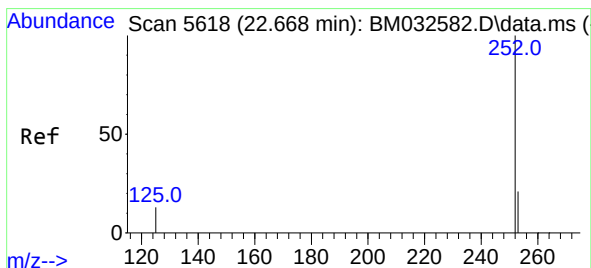
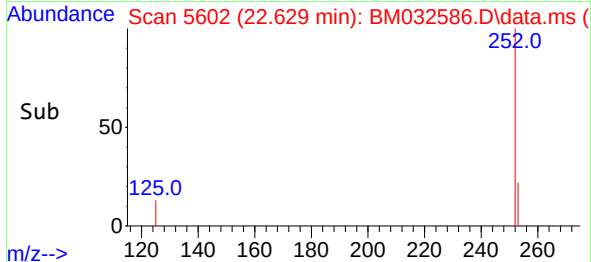
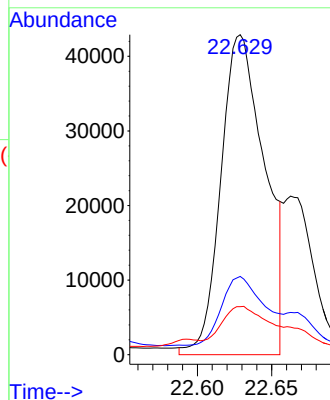
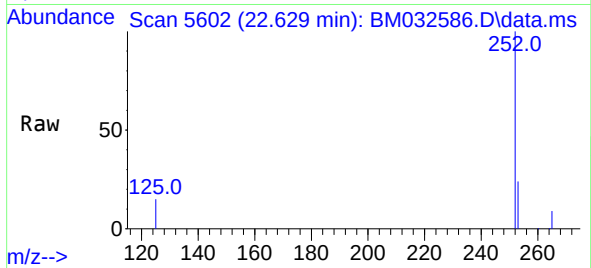
#24
Benzo(b)fluoranthene
Concen: 1.72 ng/ul m
RT: 22.629 min Scan# 5602
Delta R.T. 0.002 min
Lab File: BM032586.D
Acq: 19 Oct 2021 16:23

Tgt Ion:252	Resp:	87863
Ion Ratio	Lower	Upper
252	100	
253	24.5	0.0 53.8
125	15.0	0.0 35.6

Instrument :
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ClientSampled :
C0B28DL

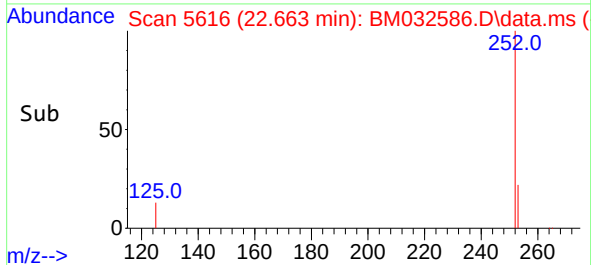
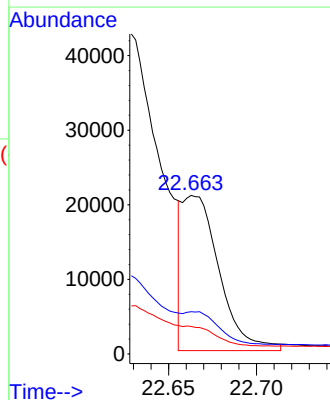
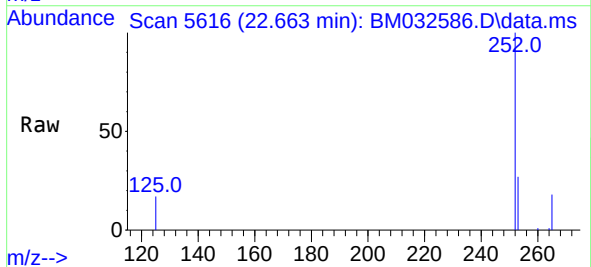
Manual Integrations
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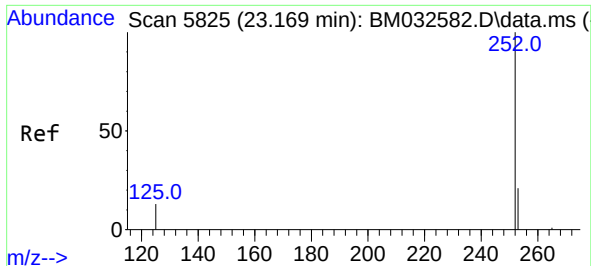
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#25
Benzo(k)fluoranthene
Concen: 0.60 ng/ul m
RT: 22.663 min Scan# 5616
Delta R.T. -0.005 min
Lab File: BM032586.D
Acq: 19 Oct 2021 16:23

Tgt Ion:252	Resp:	30449
Ion Ratio	Lower	Upper
252	100	
253	26.6	21.8 32.6
125	17.4	14.4 21.6





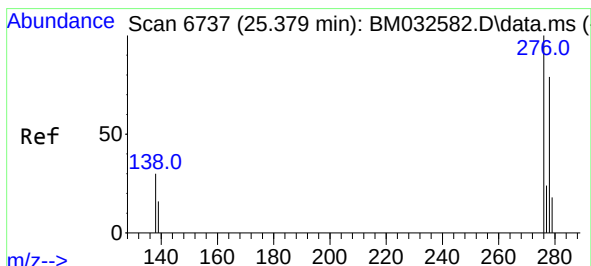
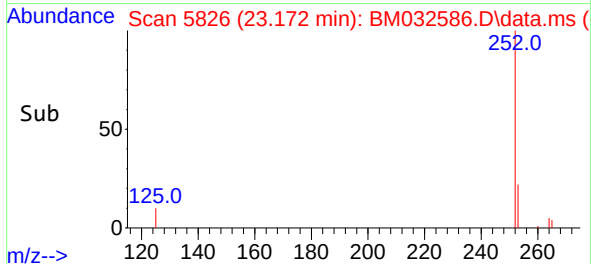
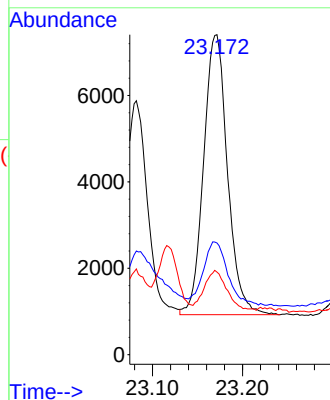
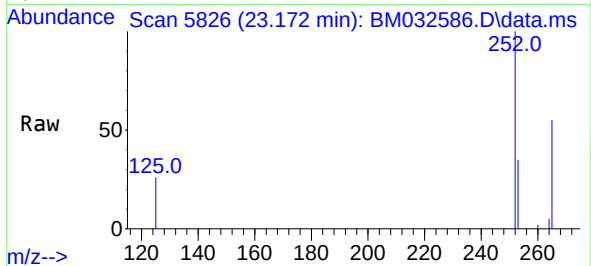
#26
Benzo(a)pyrene
Concen: 0.28 ng/u1
RT: 23.172 min Scan# 5826
Delta R.T. 0.002 min
Lab File: BM032586.D
Acq: 19 Oct 2021 16:23

Tgt Ion:	252	Resp:	11941
Ion Ratio	Lower	Upper	
252	100		
253	34.9	23.6	35.4
125	25.8	17.1	25.7#

Instrument :
BNA_M
ClientSampled :
C0B28DL

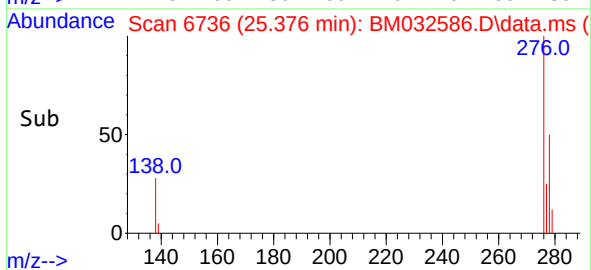
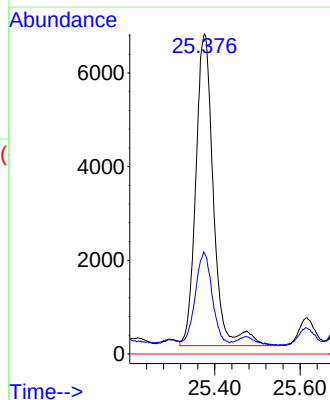
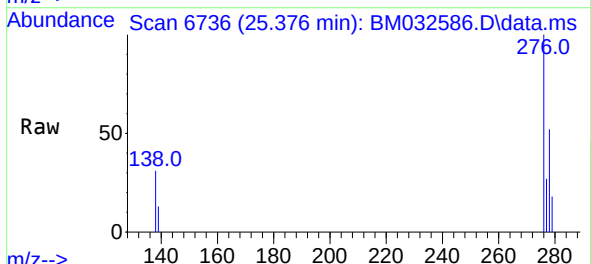
Manual Integrations
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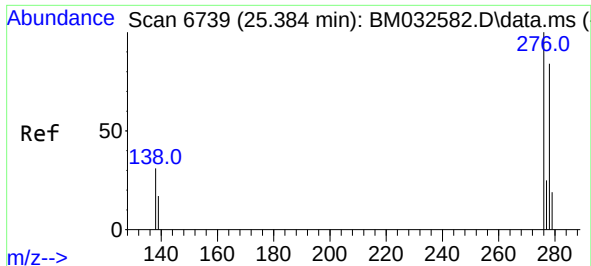
mohammad
10/20/2021 1:55:25 PM



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.37 ng/u1
RT: 25.376 min Scan# 6736
Delta R.T. -0.002 min
Lab File: BM032586.D
Acq: 19 Oct 2021 16:23

Tgt Ion:	276	Resp:	19128
Ion Ratio	Lower	Upper	
276	100		
138	27.1	24.9	37.3
227	0.0	0.0	0.0





#28
Dibenzo(a,h)anthracene
Concen: 0.24 ng/ul
RT: 25.376 min Scan# 6736
Delta R.T. -0.007 min
Lab File: BM032586.D
Acq: 19 Oct 2021 16:23

Tgt Ion: 278 Resp: 9909
Ion Ratio Lower Upper
278 100
139 24.7 18.6 28.0
279 34.8 22.0 33.0#

Instrument :
BNA_M
ClientSampleId :
C0B28DL

Manual Integrations
APPROVED

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10/20/2021 1:55:25 PM

