

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101921\
 Data File : BM032589.D
 Acq On : 19 Oct 2021 18:11
 Operator : CG/JU
 Sample : M4181-07DL 2X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0B27DL

Manual Integrations
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Quant Time: Oct 19 18:42:05 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	6545	0.40	ng/ul	0.00
4) Naphthalene-d8	10.344	136	20469	0.40	ng/ul	0.00
9) Acenaphthene-d10	14.213	164	10038	0.40	ng/ul	0.00
13) Phenanthrene-d10	16.946	188	17811	0.40	ng/ul	0.00
17) Chrysene-d12	21.123	240	12269	0.40	ng/ul	0.00
23) Perylene-d12	23.264	264	11470	0.40	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.927	96	12114	1.65	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.940	152	2772	0.10	ng/ul	0.00
18) Fluoranthene-d10	18.973	212	4246	0.11	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.393	128	48308	0.78	ng/ul	98
7) 2-Methylnaphthalene	12.012	142	42512	1.05	ng/ul	99
8) 1-Methylnaphthalene	12.237	142	34881	0.87	ng/ul	99
10) Acenaphthylene	13.933	152	7677	0.18	ng/ul	96
11) Acenaphthene	14.274	153	1827	0.05	ng/ul	93
12) Fluorene	15.260	166	2192	0.05	ng/ul#	62
15) Phenanthrene	16.988	178	56282	0.94	ng/ul	99
16) Anthracene	17.078	178	7698	0.15	ng/ul	97
19) Fluoranthene	19.004	202	62464	1.03	ng/ul	99
20) Pyrene	19.366	202	42057	0.67	ng/ul	98
21) Benzo(a)anthracene	21.106	228	29750	0.62	ng/ul	96
22) Chrysene	21.157	228	48527	0.92	ng/ul	98
24) Benzo(b)fluoranthene	22.629	252	64332m	1.21	ng/ul	
25) Benzo(k)fluoranthene	22.663	252	20703m	0.39	ng/ul	
26) Benzo(a)pyrene	23.169	252	11557	0.26	ng/ul#	88
27) Indeno(1,2,3-cd)pyrene	25.374	276	12900	0.24	ng/ul#	97
28) Dibenzo(a,h)anthracene	25.374	278	6853	0.16	ng/ul#	82

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

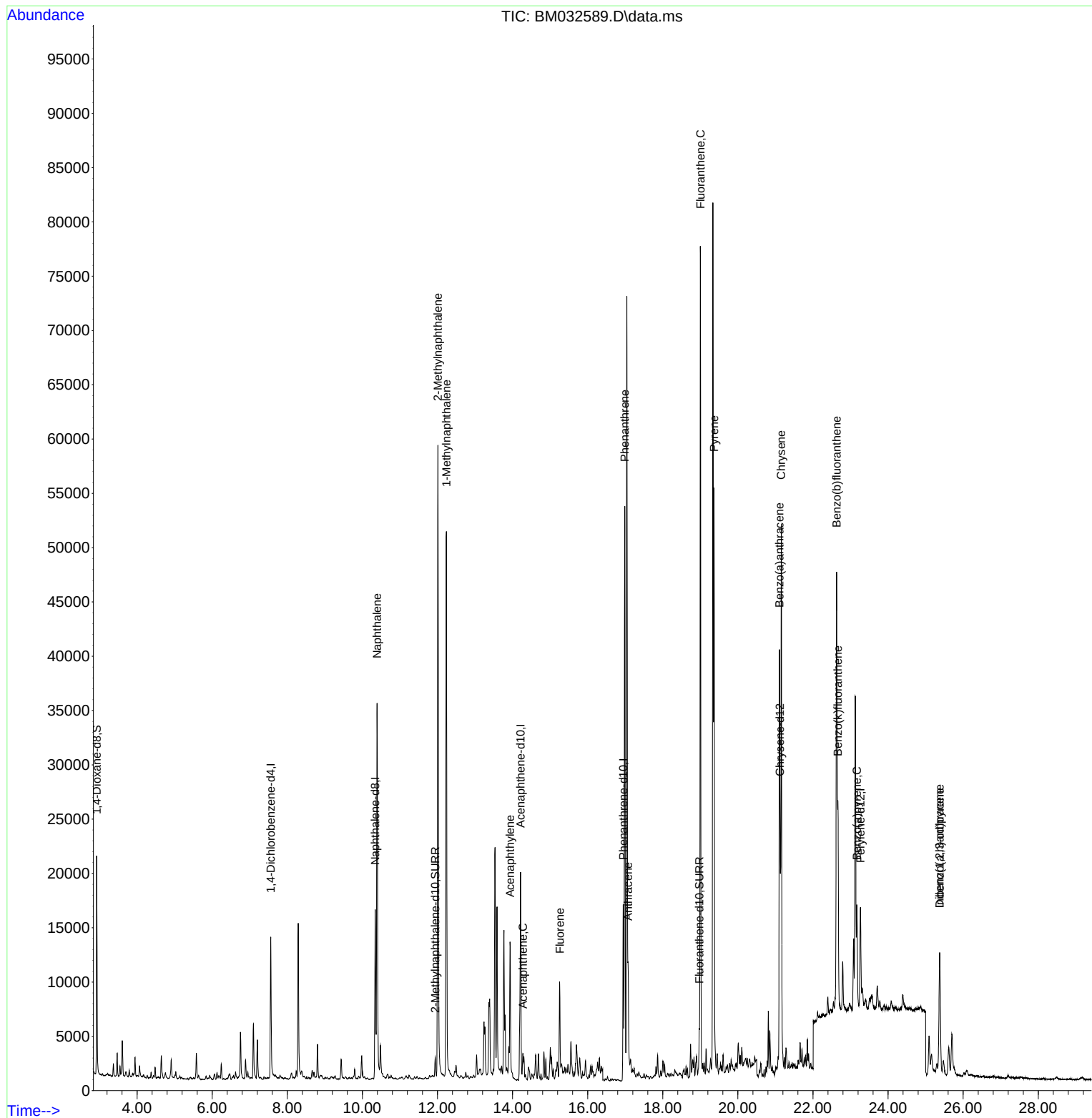
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Data File : BM032589.D
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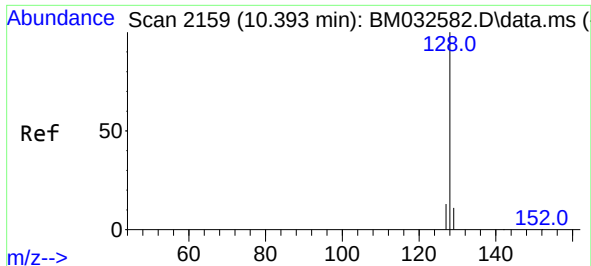
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 19 15:20:30 2021
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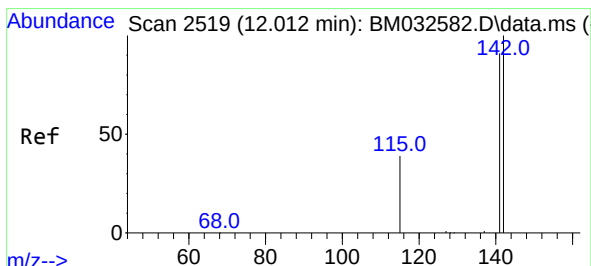
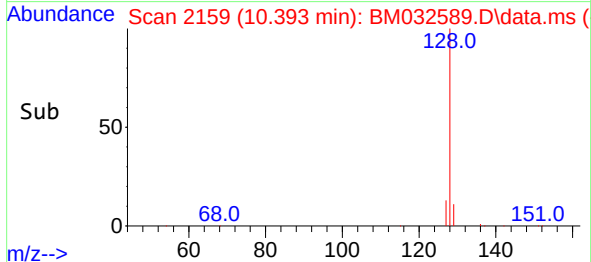
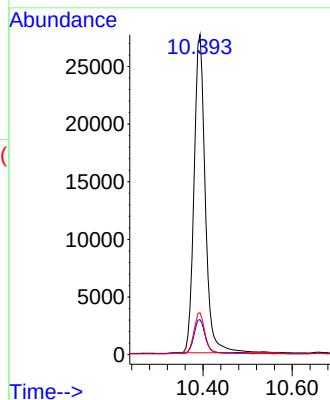
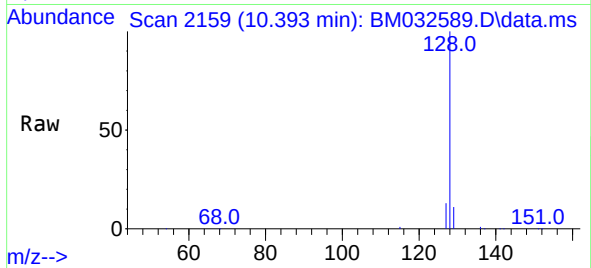
#5
Naphthalene
Concen: 0.78 ng/ul
RT: 10.393 min Scan# 2159
Delta R.T. 0.000 min
Lab File: BM032589.D
Acq: 19 Oct 2021 18:11

Tgt Ion:128 Resp: 48308
Ion Ratio Lower Upper
128 100
129 11.0 9.1 13.7
127 13.1 11.1 16.7

Instrument :
BNA_M
ClientSampleId :
C0B27DL

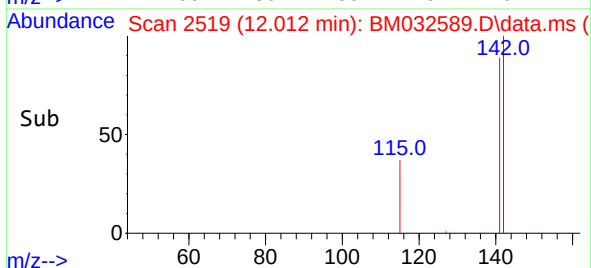
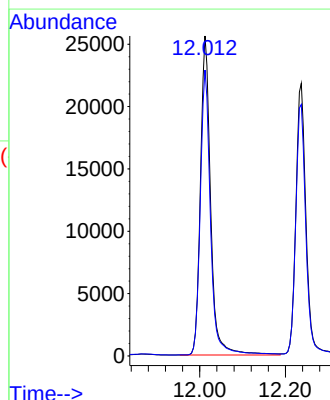
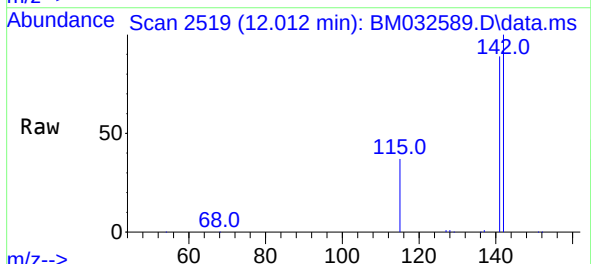
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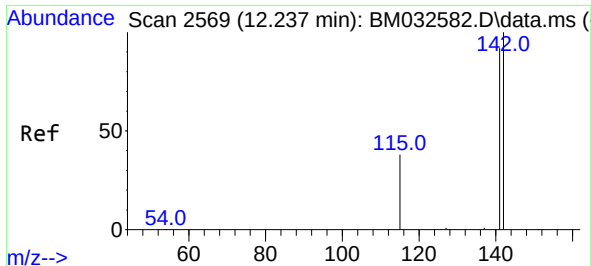
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#7
2-Methylnaphthalene
Concen: 1.05 ng/ul
RT: 12.012 min Scan# 2519
Delta R.T. 0.000 min
Lab File: BM032589.D
Acq: 19 Oct 2021 18:11

Tgt Ion:142 Resp: 42512
Ion Ratio Lower Upper
142 100
141 89.6 72.2 108.2





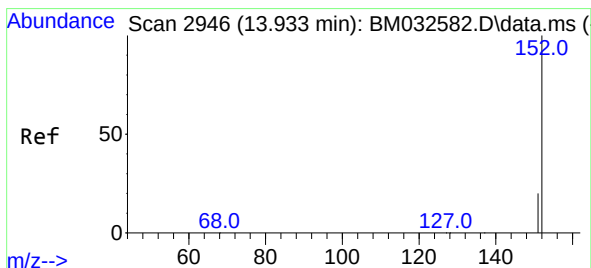
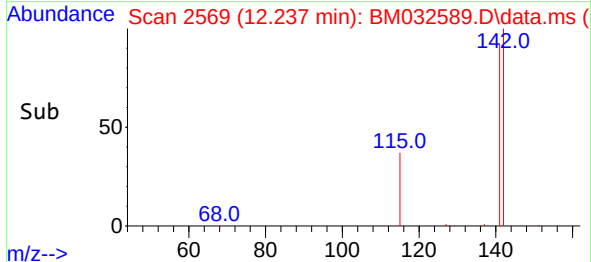
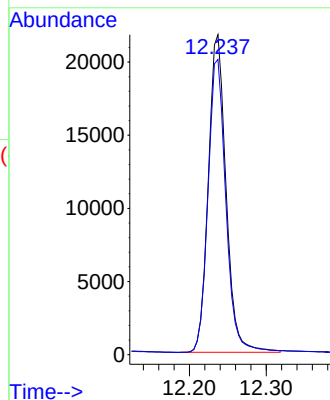
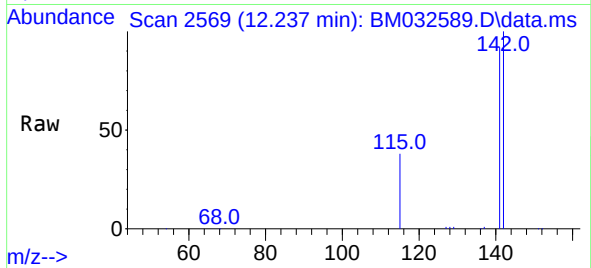
#8
1-Methylnaphthalene
Concen: 0.87 ng/ul
RT: 12.237 min Scan# 2569
Delta R.T. 0.000 min
Lab File: BM032589.D
Acq: 19 Oct 2021 18:11

Tgt Ion:142 Resp: 34881
Ion Ratio Lower Upper
142 100
141 92.9 74.9 112.3

Instrument :
BNA_M
ClientSampled :
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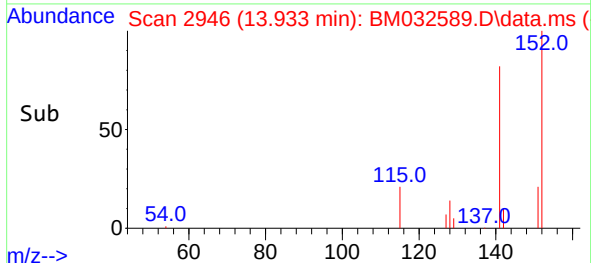
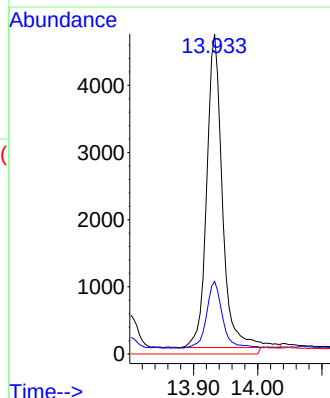
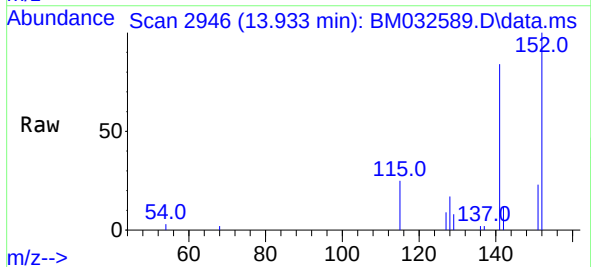
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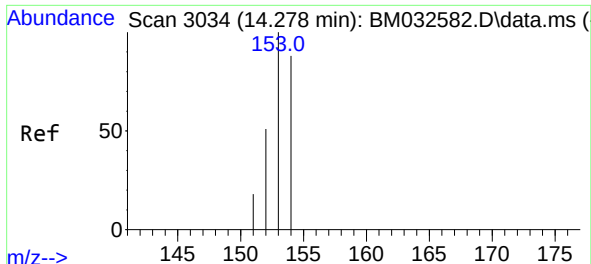
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#10
Acenaphthylene
Concen: 0.18 ng/ul
RT: 13.933 min Scan# 2946
Delta R.T. 0.000 min
Lab File: BM032589.D
Acq: 19 Oct 2021 18:11

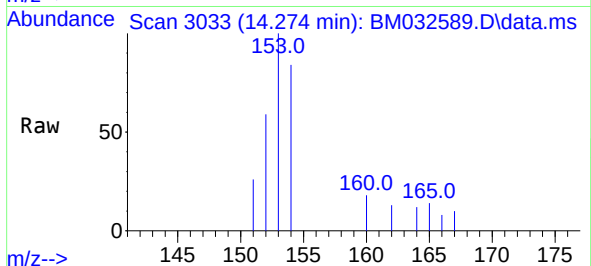
Tgt Ion:152 Resp: 7677
Ion Ratio Lower Upper
152 100
151 22.7 16.7 25.1
153 0.0 0.0 0.0





#11
Acenaphthene
Concen: 0.05 ng/ul
RT: 14.274 min Scan# 3033
Delta R.T. -0.004 min
Lab File: BM032589.D
Acq: 19 Oct 2021 18:11

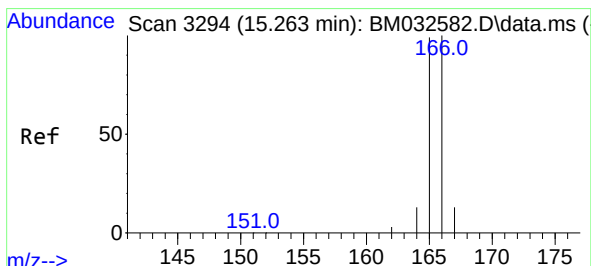
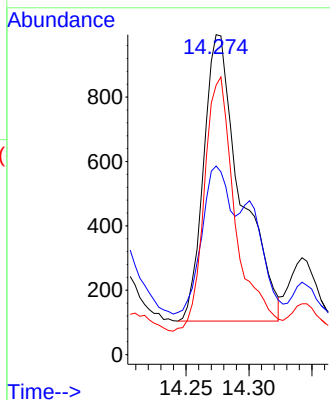
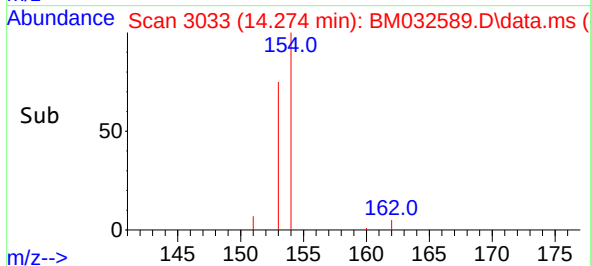
Instrument :
BNA_M
ClientSampleId :
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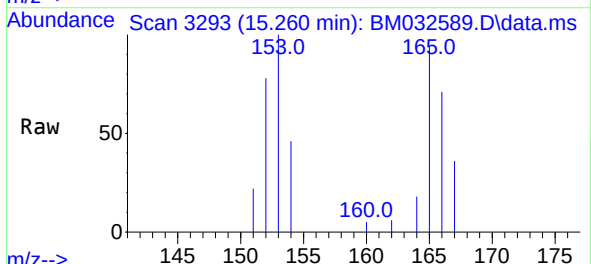
Tgt Ion:153 Resp: 1827
Ion Ratio Lower Upper
153 100
152 59.0 40.4 60.6
154 84.2 70.8 106.2

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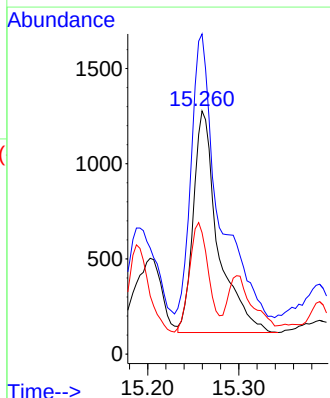
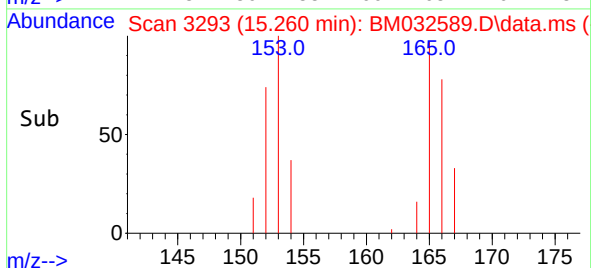
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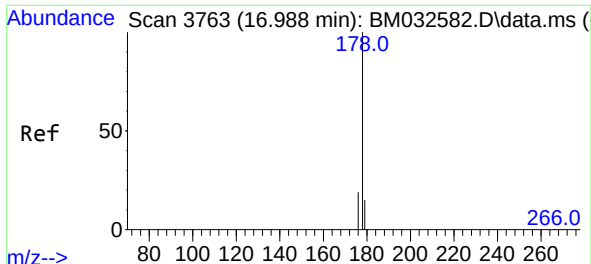


#12
Fluorene
Concen: 0.05 ng/ul
RT: 15.260 min Scan# 3293
Delta R.T. -0.004 min
Lab File: BM032589.D
Acq: 19 Oct 2021 18:11



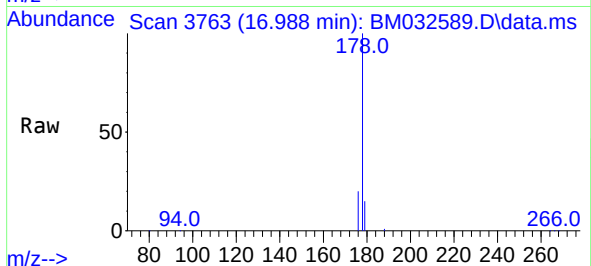
Tgt Ion:166 Resp: 2192
Ion Ratio Lower Upper
166 100
165 131.6 80.7 121.1#
167 49.9 11.2 16.8#





#15
Phenanthrene
Concen: 0.94 ng/ul
RT: 16.988 min Scan# 3763
Delta R.T. 0.000 min
Lab File: BM032589.D
Acq: 19 Oct 2021 18:11

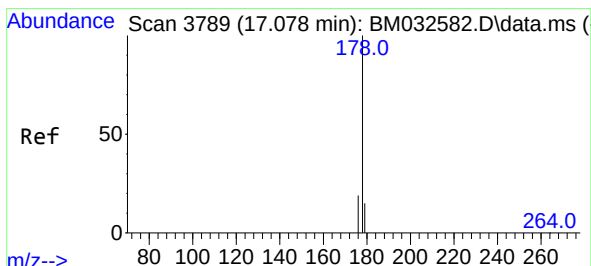
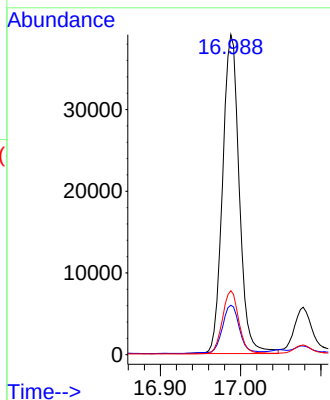
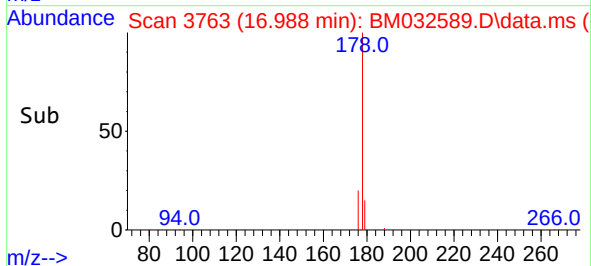
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BNA_M
ClientSampled :
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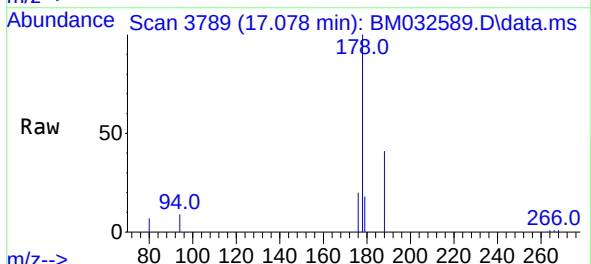
Tgt Ion:178 Resp: 56282
Ion Ratio Lower Upper
178 100
179 15.5 12.9 19.3
176 20.0 16.1 24.1

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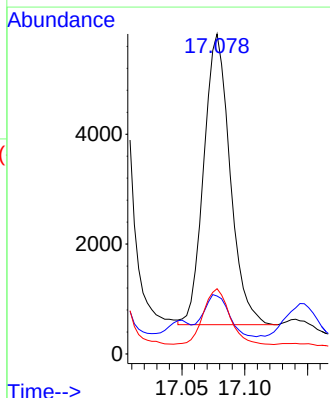
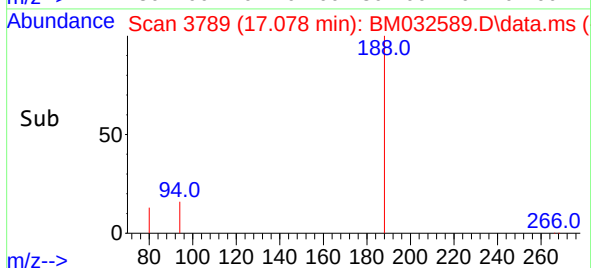
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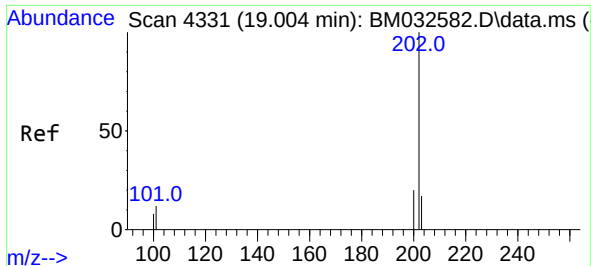


#16
Anthracene
Concen: 0.15 ng/ul
RT: 17.078 min Scan# 3789
Delta R.T. 0.000 min
Lab File: BM032589.D
Acq: 19 Oct 2021 18:11



Tgt Ion:178 Resp: 7698
Ion Ratio Lower Upper
178 100
179 18.1 12.9 19.3
176 20.4 15.8 23.6





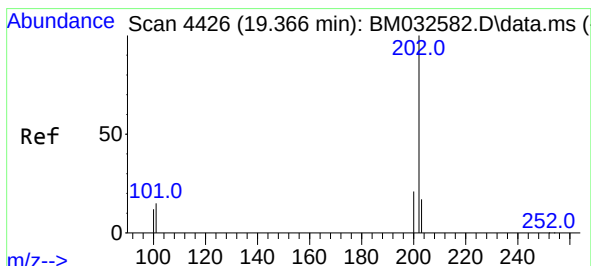
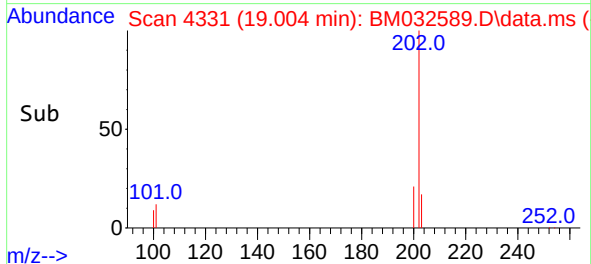
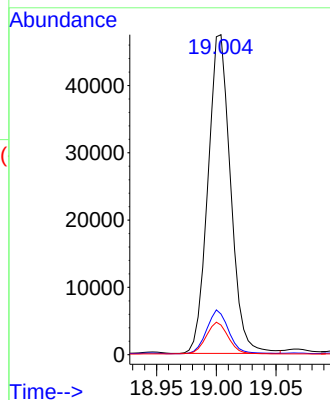
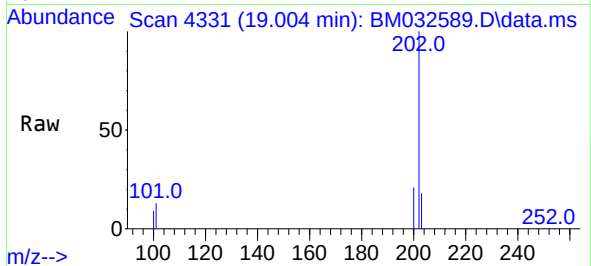
#19
Fluoranthene
Concen: 1.03 ng/ul
RT: 19.004 min Scan# 4331
Delta R.T. 0.000 min
Lab File: BM032589.D
Acq: 19 Oct 2021 18:11

Tgt Ion:	202	Resp:	62464
Ion	Ratio	Lower	Upper
202	100		
101	12.7	10.6	16.0
100	9.3	7.8	11.8

Instrument :
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ClientSampleId :
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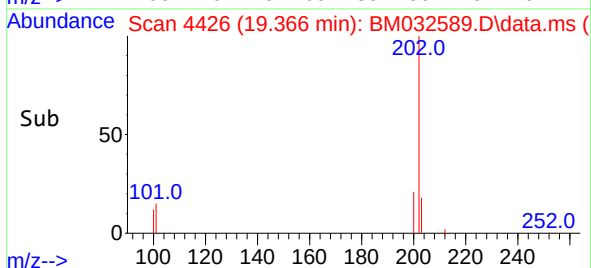
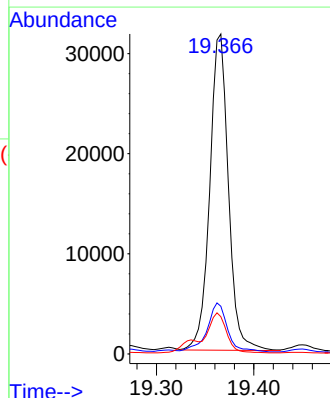
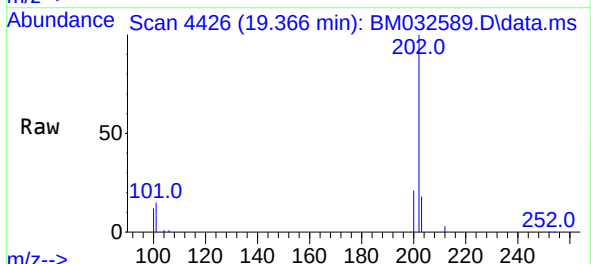
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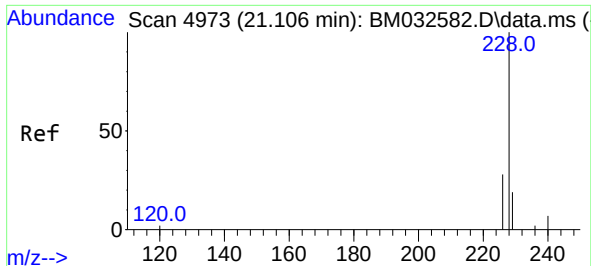
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#20
Pyrene
Concen: 0.67 ng/ul
RT: 19.366 min Scan# 4426
Delta R.T. 0.000 min
Lab File: BM032589.D
Acq: 19 Oct 2021 18:11

Tgt Ion:	202	Resp:	42057
Ion	Ratio	Lower	Upper
202	100		
101	14.9	12.3	18.5
100	11.6	10.1	15.1





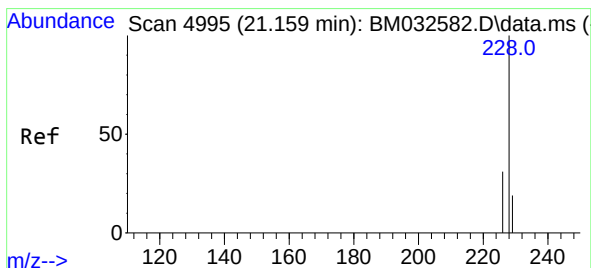
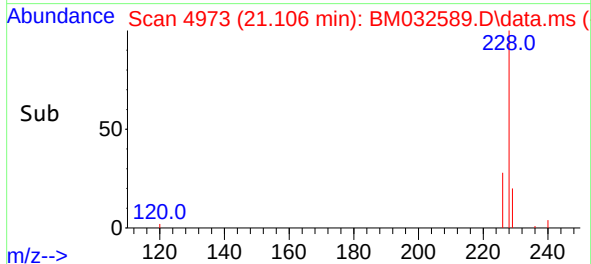
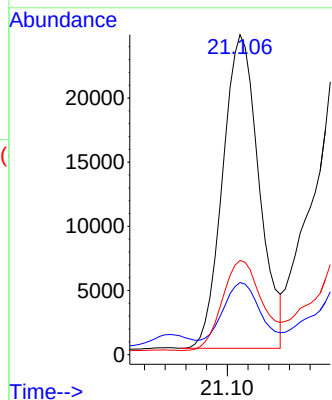
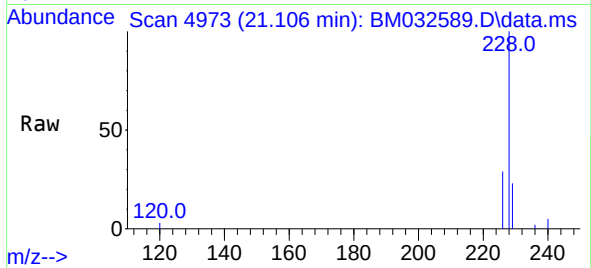
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Benzo(a)anthracene
Concen: 0.62 ng/u1
RT: 21.106 min Scan# 4973
Delta R.T. 0.000 min
Lab File: BM032589.D
Acq: 19 Oct 2021 18:11

Tgt Ion:	228	Resp:	29750
Ion Ratio	Lower	Upper	
228	100		
229	22.6	15.9	23.9
226	29.5	22.4	33.6

Instrument :
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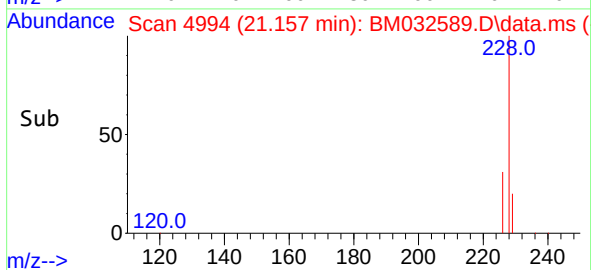
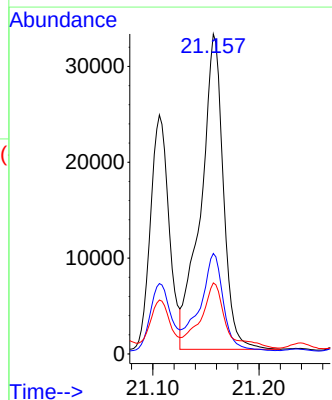
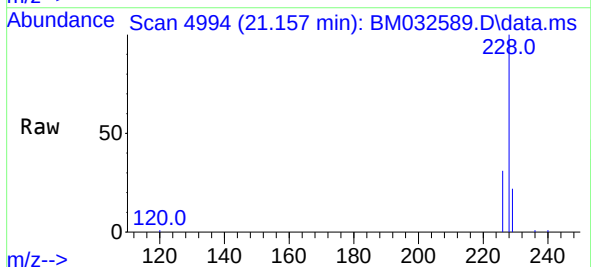
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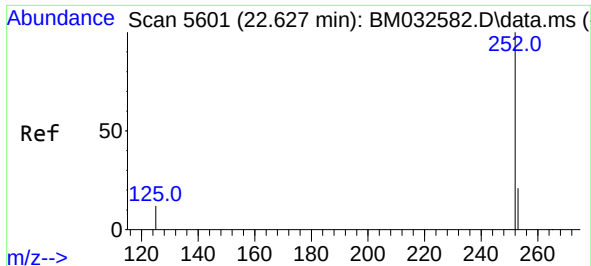
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#22
Chrysene
Concen: 0.92 ng/u1
RT: 21.157 min Scan# 4994
Delta R.T. -0.002 min
Lab File: BM032589.D
Acq: 19 Oct 2021 18:11

Tgt Ion:	228	Resp:	48527
Ion Ratio	Lower	Upper	
228	100		
226	31.4	25.1	37.7
229	22.2	15.7	23.5





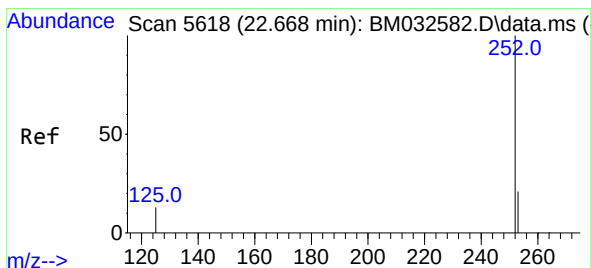
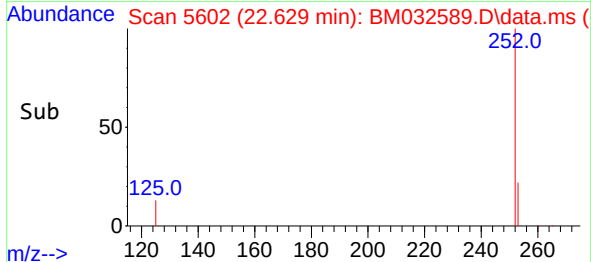
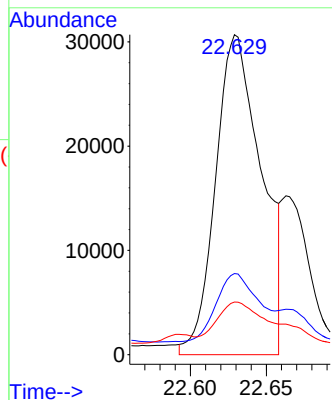
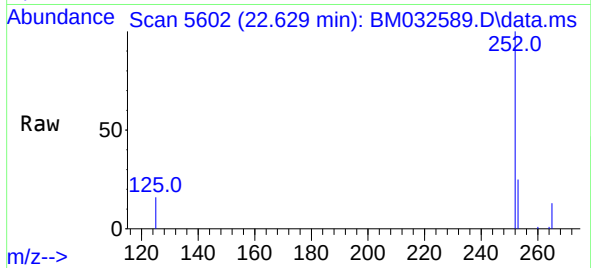
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Benzo(b)fluoranthene
Concen: 1.21 ng/ul m
RT: 22.629 min Scan# 5602
Delta R.T. 0.002 min
Lab File: BM032589.D
Acq: 19 Oct 2021 18:11

Tgt Ion:252	Resp:	64332
Ion Ratio	Lower	Upper
252	100	
253	25.4	0.0 53.8
125	16.5	0.0 35.6

Instrument :
BNA_M
ClientSampleId :
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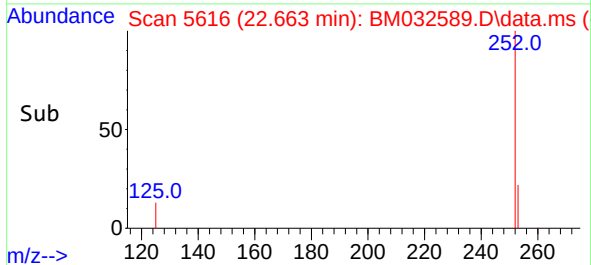
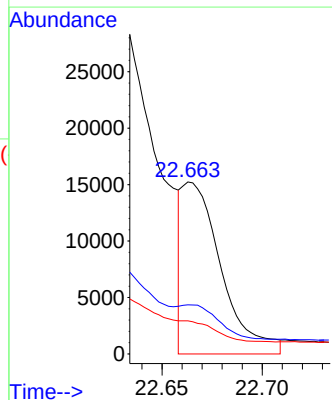
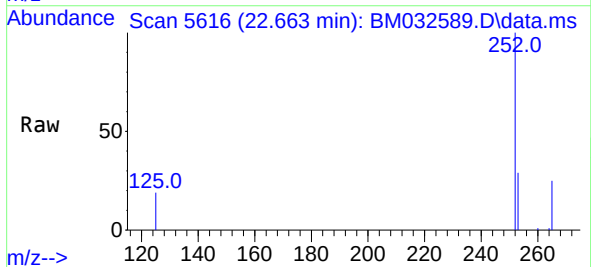
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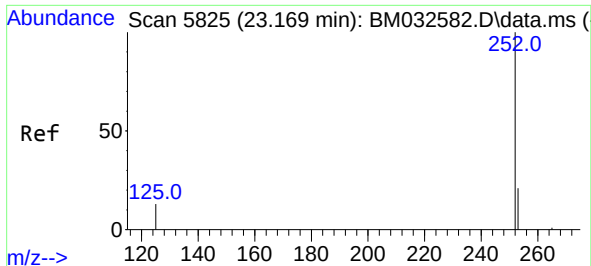
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#25
Benzo(k)fluoranthene
Concen: 0.39 ng/ul m
RT: 22.663 min Scan# 5616
Delta R.T. -0.005 min
Lab File: BM032589.D
Acq: 19 Oct 2021 18:11

Tgt Ion:252	Resp:	20703
Ion Ratio	Lower	Upper
252	100	
253	28.6	21.8 32.6
125	19.2	14.4 21.6





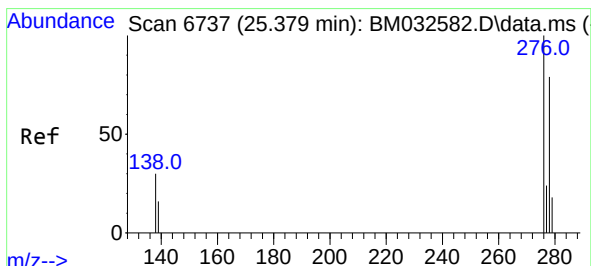
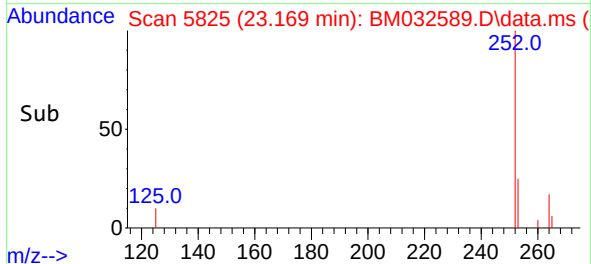
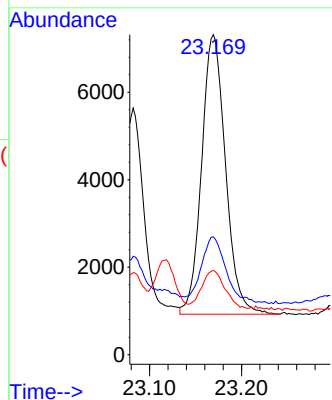
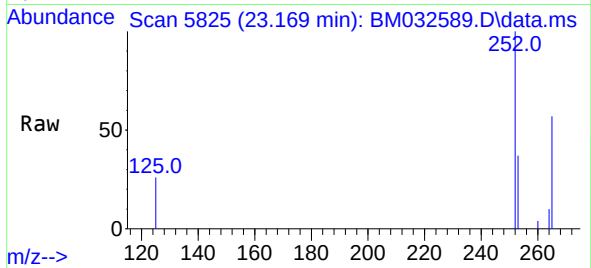
#26
Benzo(a)pyrene
Concen: 0.26 ng/ul
RT: 23.169 min Scan# 5825
Delta R.T. 0.000 min
Lab File: BM032589.D
Acq: 19 Oct 2021 18:11

Tgt Ion:	252	Resp:	11557
Ion Ratio	Lower	Upper	
252	100		
253	36.8	23.6	35.4#
125	26.4	17.1	25.7#

Instrument :
BNA_M
ClientSampled :
C0B27DL

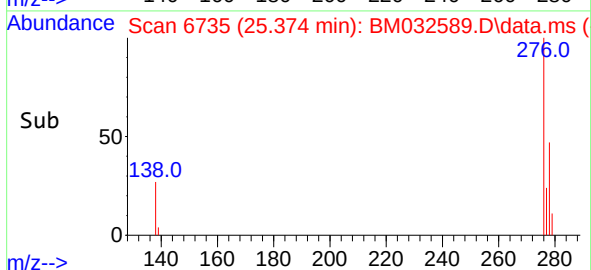
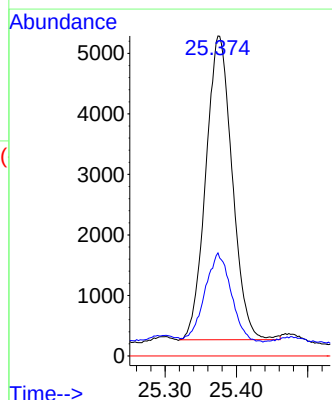
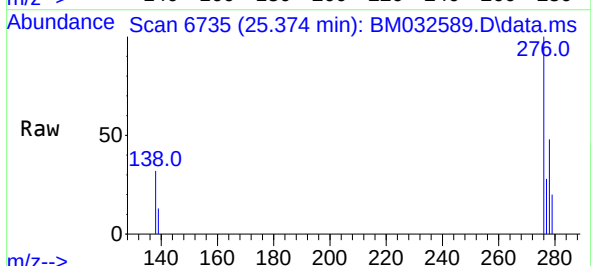
Manual Integrations
APPROVED

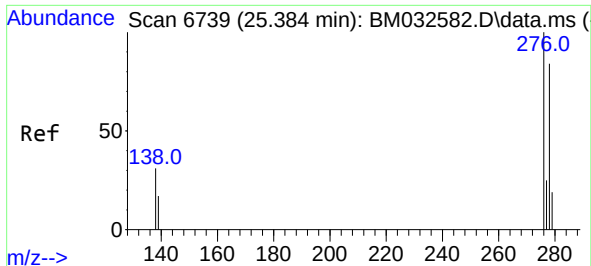
mohammad
10/20/2021 1:55:48 PM



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.24 ng/ul
RT: 25.374 min Scan# 6735
Delta R.T. -0.005 min
Lab File: BM032589.D
Acq: 19 Oct 2021 18:11

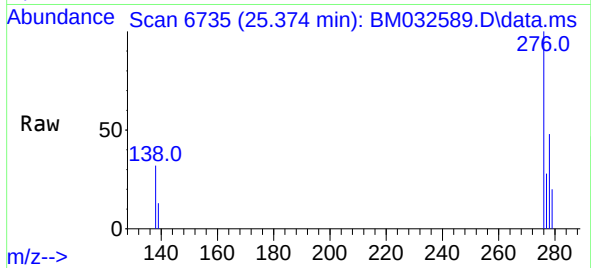
Tgt Ion:	276	Resp:	12900
Ion Ratio	Lower	Upper	
276	100		
138	29.5	24.9	37.3
227	0.0	0.0	0.0





#28
 Dibenzo(a,h)anthracene
 Concen: 0.16 ng/ul
 RT: 25.374 min Scan# 6735
 Delta R.T. -0.010 min
 Lab File: BM032589.D
 Acq: 19 Oct 2021 18:11

Instrument :
 BNA_M
 ClientSampleId :
 C0B27DL



Tgt Ion: 278 Resp: 6853
 Ion Ratio Lower Upper
 278 100
 139 27.7 18.6 28.0
 279 40.6 22.0 33.0#

Manual Integrations
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mohammad
 10/20/2021 1:55:48 PM

