

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM090321\
 Data File : BM032085.D
 Acq On : 04 Sep 2021 20:20
 Operator : CG/JU
 Sample : M3518-04
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0B08

Manual Integrations
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 9/7/2021 11:39:01 AM

Quant Time: Sep 06 04:02:41 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM090321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 03 16:21:27 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.452	152	1309	0.400	ng/ul	0.00
4) Naphthalene-d8	10.203	136	3866	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.095	164	1632	0.400	ng/ul	# 0.00
13) Phenanthrene-d10	16.851	188	3800	0.400	ng/ul	-0.01
17) Chrysene-d12	21.057	240	4376	0.400	ng/ul	#-0.02
23) Perylene-d12	23.168	264	5412	0.400	ng/ul	#-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.061	96	5265	3.662	ng/ul	-0.01
6) 2-Methylnaphthalene-d10	11.804	152	1068	0.178	ng/ul	-0.02
18) Fluoranthene-d10	18.888	212	2368	0.185	ng/ul	-0.02
Target Compounds						
					Qvalue	
5) Naphthalene	10.253	128	6865	0.669	ng/ul	97
7) 2-Methylnaphthalene	11.881	142	3682	0.514	ng/ul	95
8) 1-Methylnaphthalene	12.101	142	2934	0.416	ng/ul	93
10) Acenaphthylene	13.810	152	4743	0.720	ng/ul	100
11) Acenaphthene	14.159	153	489	0.091	ng/ul#	82
12) Fluorene	15.156	166	1216	0.194	ng/ul#	91
15) Phenanthrene	16.893	178	23097	1.997	ng/ul	98
16) Anthracene	16.983	178	4991	0.492	ng/ul	99
19) Fluoranthene	18.919	202	50989	2.696	ng/ul	99
20) Pyrene	19.285	202	53745	2.757	ng/ul	98
21) Benzo(a)anthracene	21.042	228	29256	1.830	ng/ul	100
22) Chrysene	21.093	228	32535	1.772	ng/ul	99
24) Benzo(b)fluoranthene	22.548	252	69117m	2.778	ng/ul	
25) Benzo(k)fluoranthene	22.587	252	21755m	0.848	ng/ul	
26) Benzo(a)pyrene	23.079	252	49609	2.282	ng/ul#	84
27) Indeno(1,2,3-cd)pyrene	25.237	276	38982	1.316	ng/ul#	97
28) Dibenzo(a,h)anthracene	25.245	278	11481	0.482	ng/ul#	94
29) Benzo(g,h,i)perylene	25.870	276	39602	1.502	ng/ul	97

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

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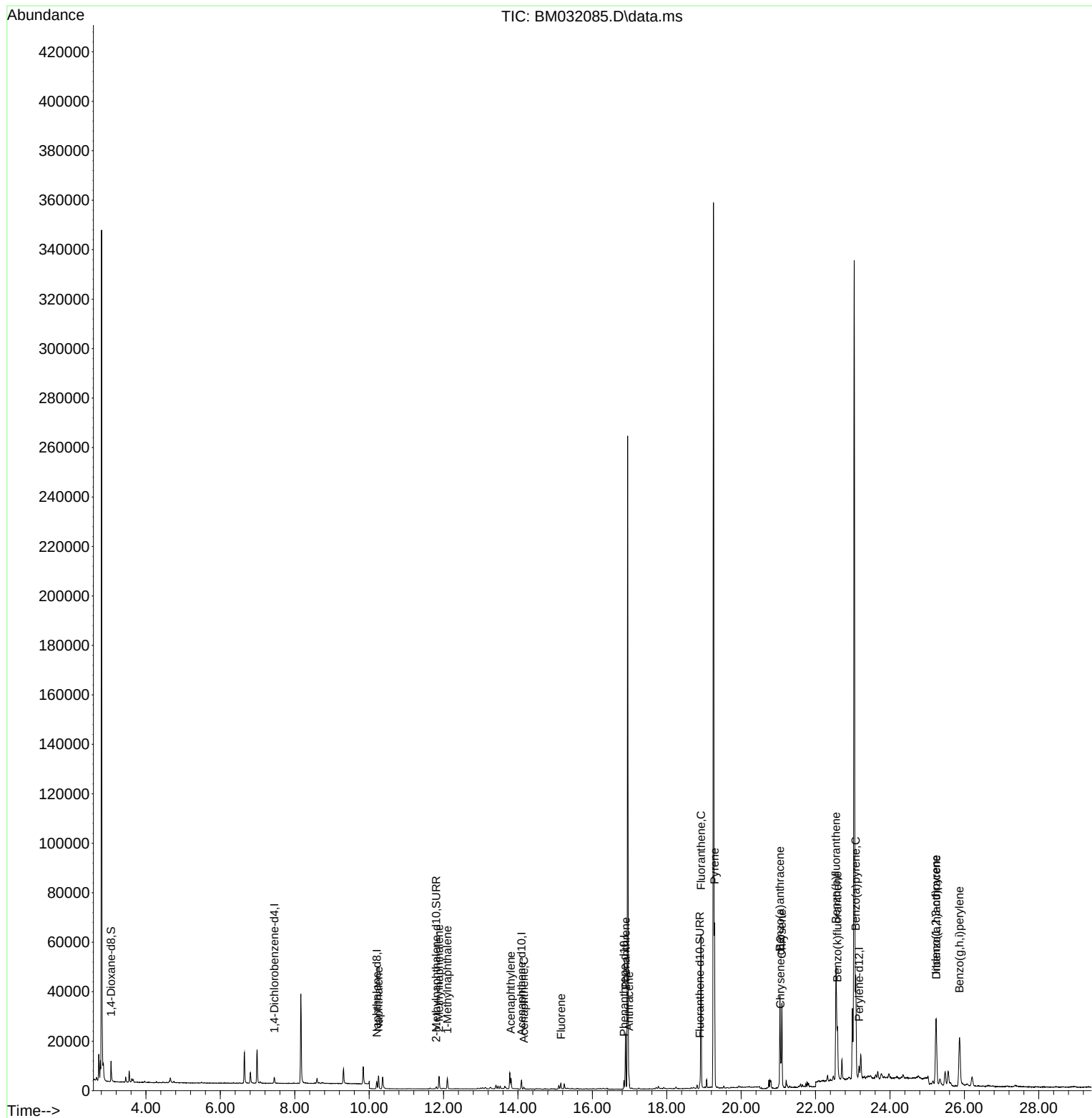
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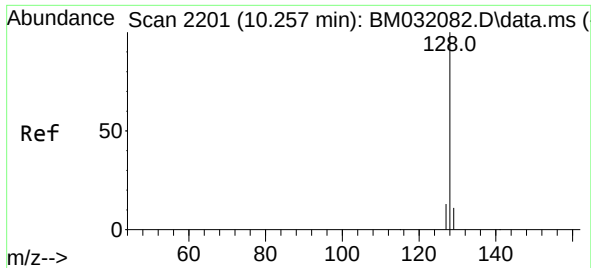
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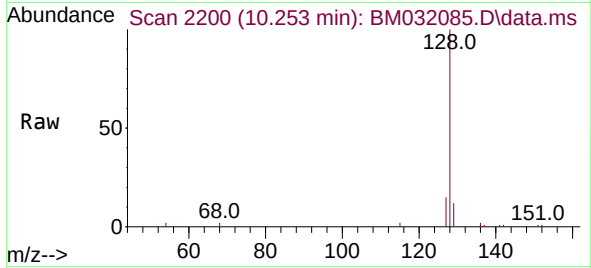
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 03 16:21:27 2021
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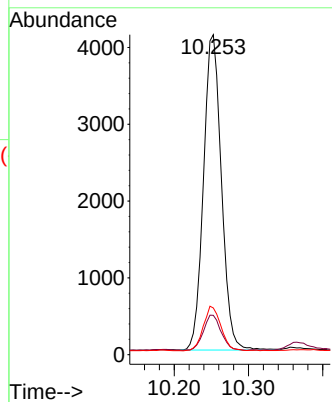
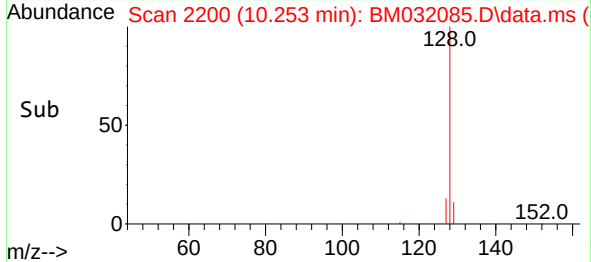




#5
Naphthalene
Concen: 0.669 ng/ul
RT: 10.253 min Scan# 2200
Delta R.T. -0.018 min
Lab File: BM032085.D
Acq: 04 Sep 2021 20:20



Tgt Ion	Ratio	Lower	Upper
128	100		
129	12.3	10.9	16.3
127	14.6	12.4	18.6

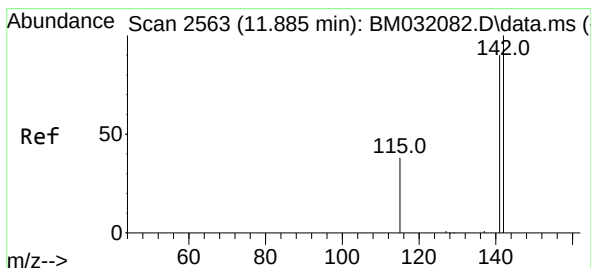


Instrument :
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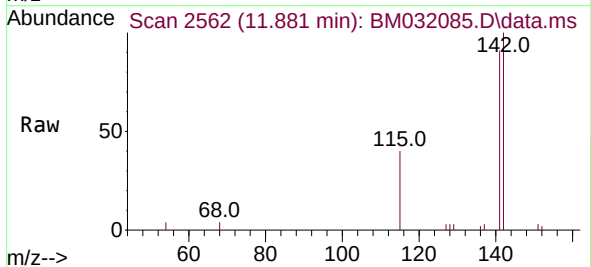
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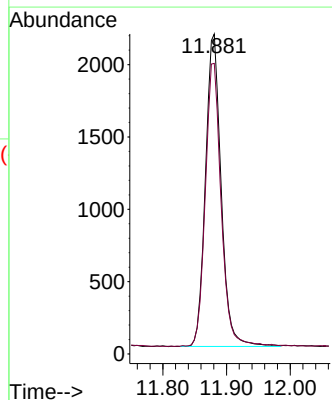
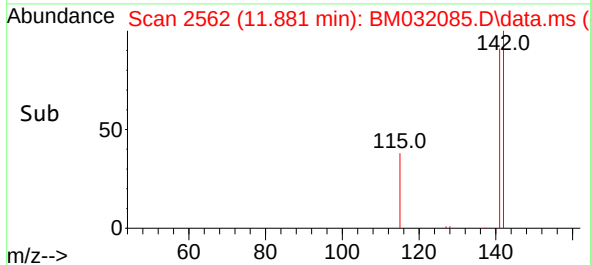
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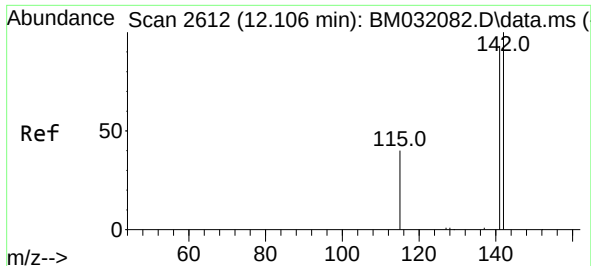


#7
2-Methylnaphthalene
Concen: 0.514 ng/ul
RT: 11.881 min Scan# 2562
Delta R.T. -0.018 min
Lab File: BM032085.D
Acq: 04 Sep 2021 20:20

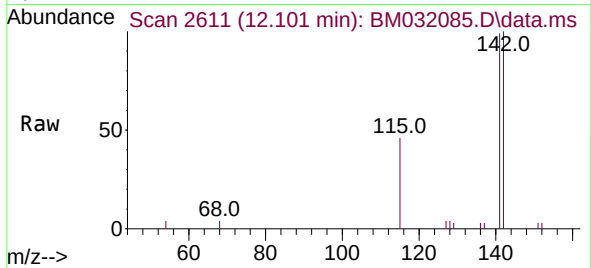


Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.6	70.3	105.5

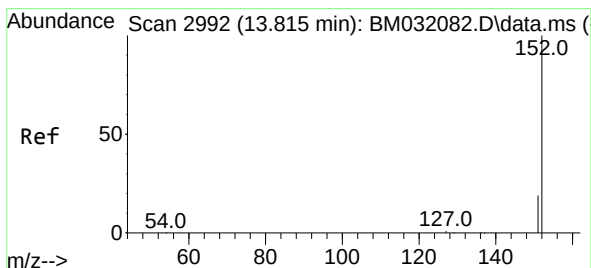
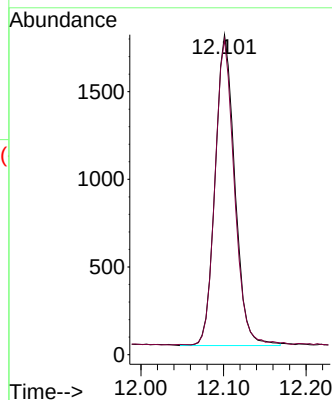
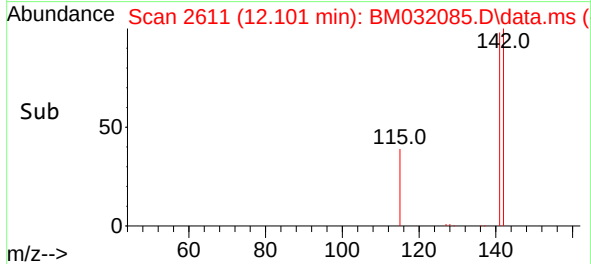




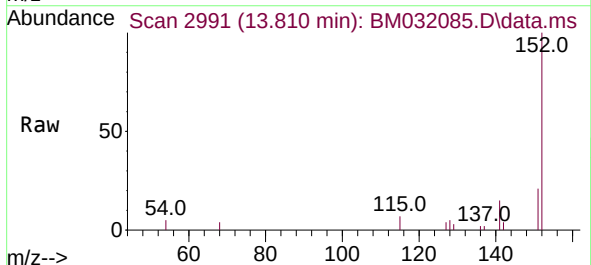
#8
1-Methylnaphthalene
Concen: 0.416 ng/ul
RT: 12.101 min Scan# 2611
Delta R.T. -0.013 min
Lab File: BM032085.D
Acq: 04 Sep 2021 20:20



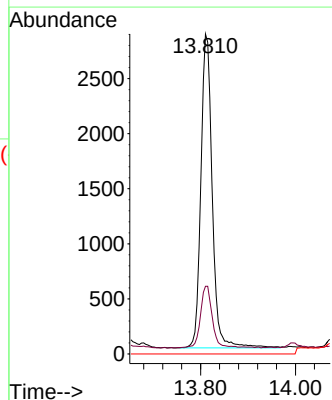
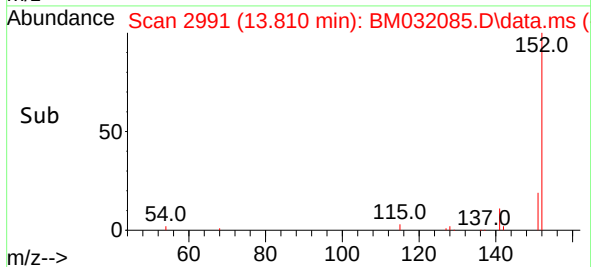
Tgt Ion:142 Resp: 2934
Ion Ratio Lower Upper
142 100
141 96.4 72.2 108.2



#10
Acenaphthylene
Concen: 0.720 ng/ul
RT: 13.810 min Scan# 2991
Delta R.T. -0.014 min
Lab File: BM032085.D
Acq: 04 Sep 2021 20:20



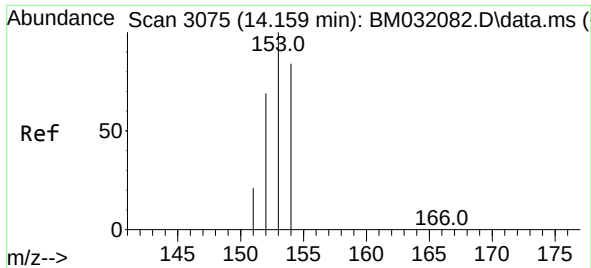
Tgt Ion:152 Resp: 4743
Ion Ratio Lower Upper
152 100
151 21.1 17.0 25.4
153 0.0 0.0 0.0



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#11
Acenaphthene
Concen: 0.091 ng/ul
RT: 14.159 min Scan# 3075
Delta R.T. -0.008 min
Lab File: BM032085.D
Acq: 04 Sep 2021 20:20

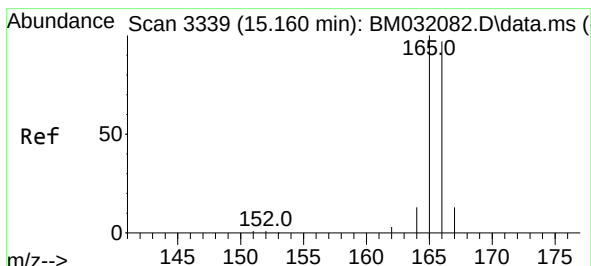
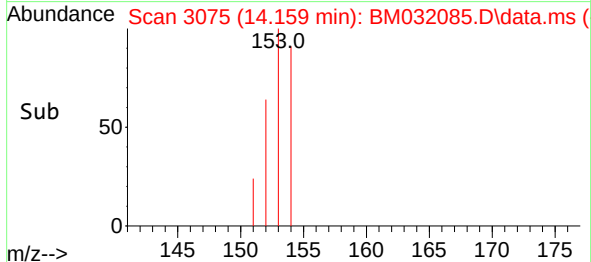
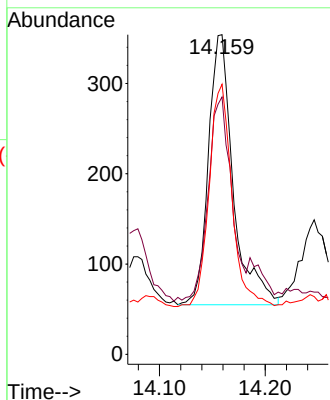
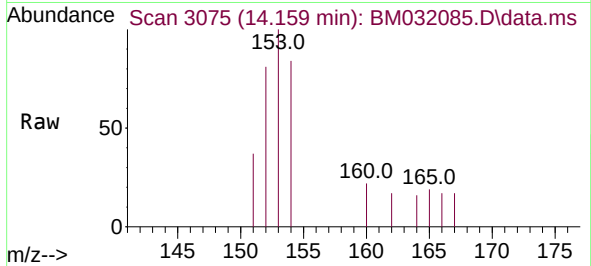
Tgt Ion:153 Resp: 489
Ion Ratio Lower Upper
153 100
152 80.5 41.0 61.4#
154 84.5 70.5 105.7

Instrument :
BNA_M
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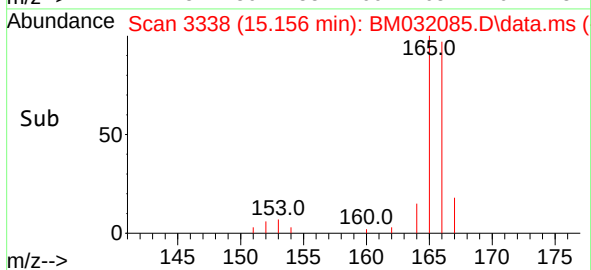
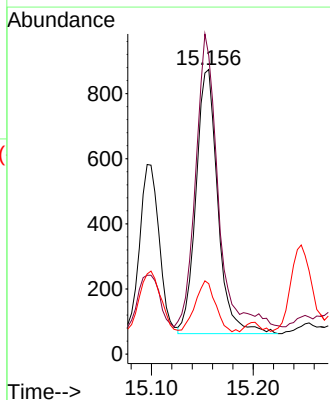
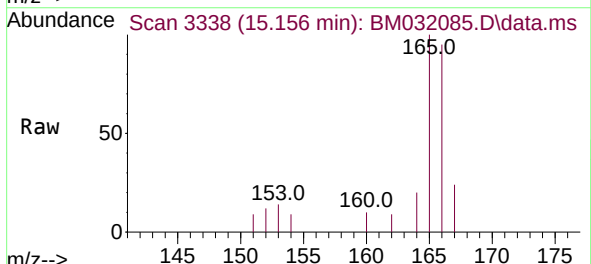
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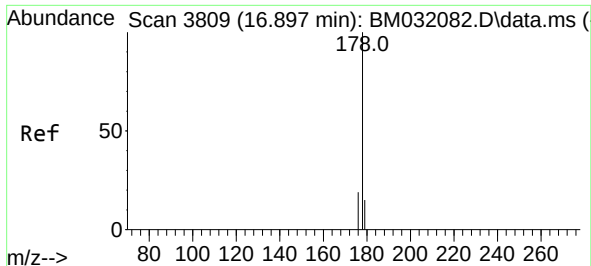
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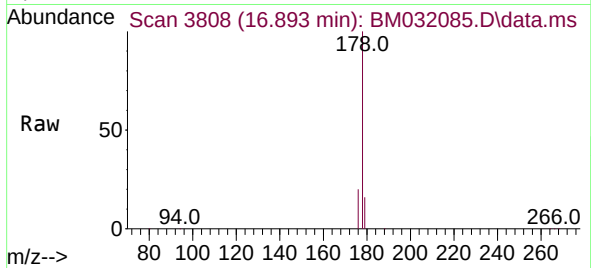
#12
Fluorene
Concen: 0.194 ng/ul
RT: 15.156 min Scan# 3338
Delta R.T. -0.015 min
Lab File: BM032085.D
Acq: 04 Sep 2021 20:20

Tgt Ion:166 Resp: 1216
Ion Ratio Lower Upper
166 100
165 104.8 78.3 117.5
167 24.7 12.5 18.7#

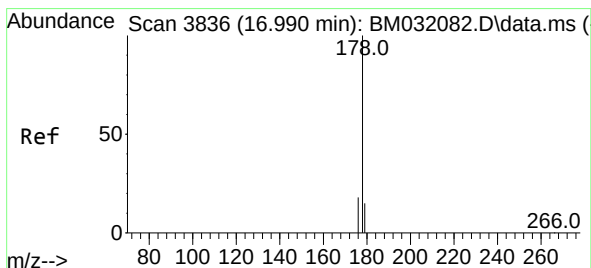
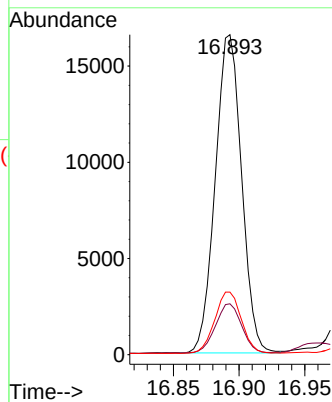
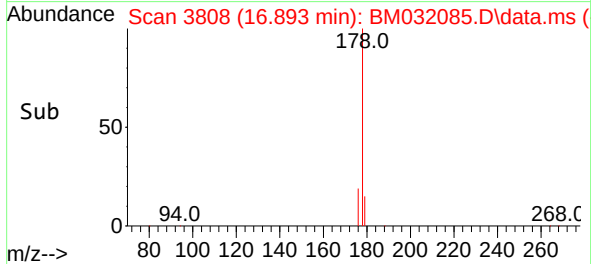




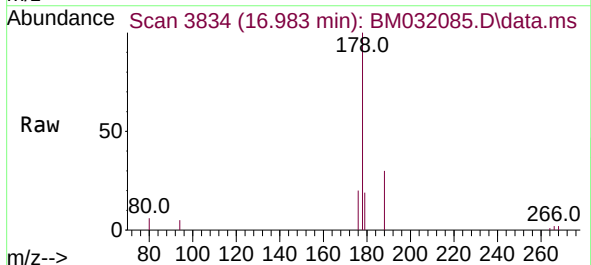
#15
Phenanthrene
Concen: 1.997 ng/ul
RT: 16.893 min Scan# 3808
Delta R.T. -0.014 min
Lab File: BM032085.D
Acq: 04 Sep 2021 20:20



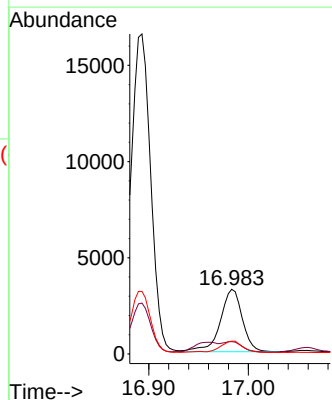
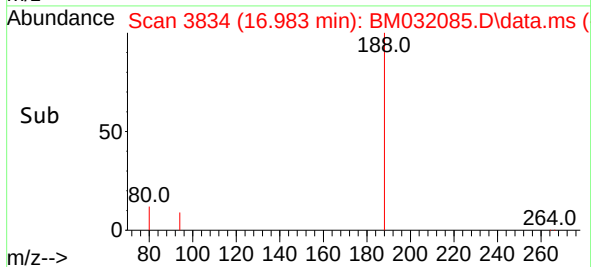
Tgt Ion:178 Resp: 23097
Ion Ratio Lower Upper
178 100
179 15.9 13.3 19.9
176 19.5 16.7 25.1



#16
Anthracene
Concen: 0.492 ng/ul
RT: 16.983 min Scan# 3834
Delta R.T. -0.024 min
Lab File: BM032085.D
Acq: 04 Sep 2021 20:20



Tgt Ion:178 Resp: 4991
Ion Ratio Lower Upper
178 100
179 19.1 14.3 21.5
176 19.9 15.8 23.8

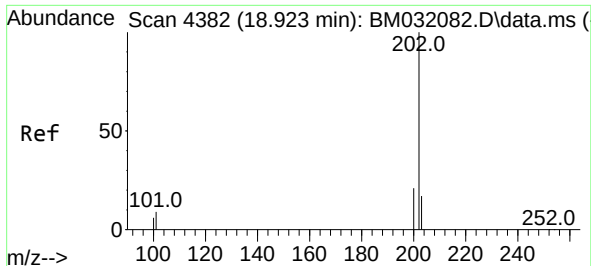


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#19
Fluoranthene
Concen: 2.696 ng/ul
RT: 18.919 min Scan# 4381
Delta R.T. -0.015 min
Lab File: BM032085.D
Acq: 04 Sep 2021 20:20

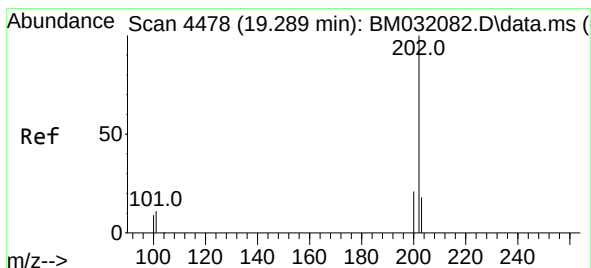
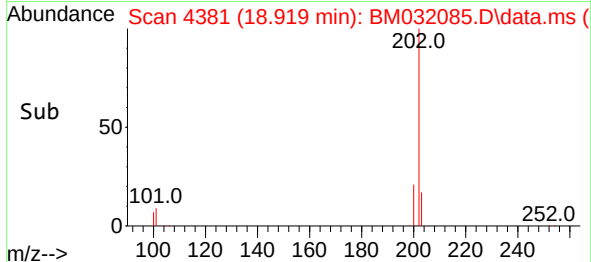
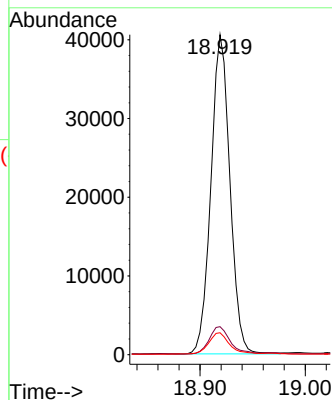
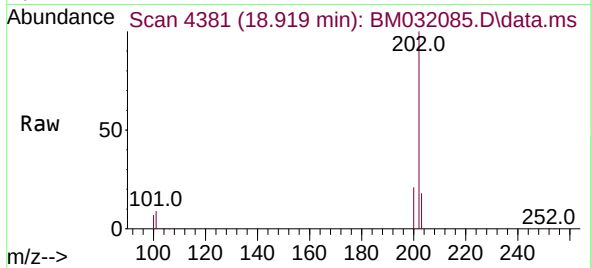
Tgt Ion:	202	Resp:	50989
Ion Ratio	Lower	Upper	
202	100		
101	8.8	7.2	10.8
100	6.9	5.8	8.6

Instrument :
BNA_M
ClientSampled :
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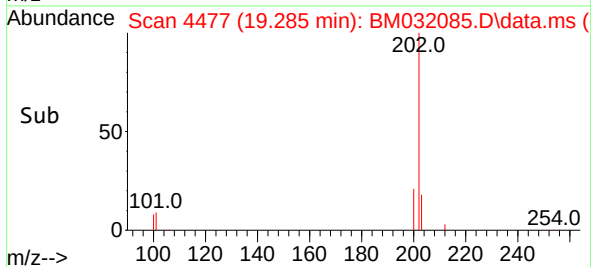
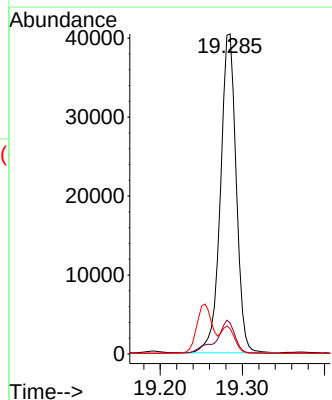
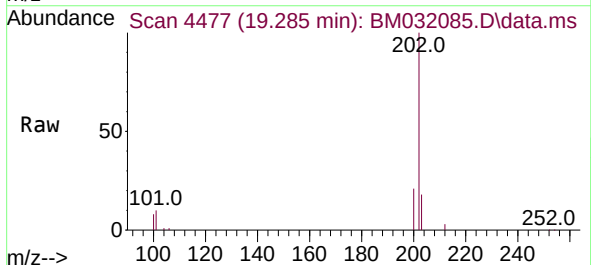
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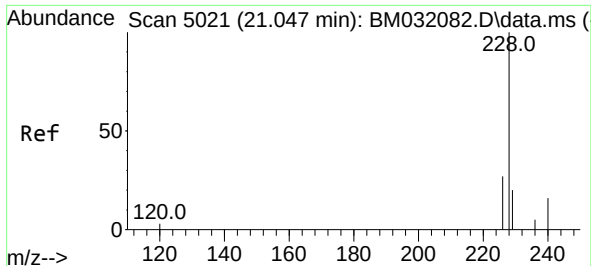
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#20
Pyrene
Concen: 2.757 ng/ul
RT: 19.285 min Scan# 4477
Delta R.T. -0.015 min
Lab File: BM032085.D
Acq: 04 Sep 2021 20:20

Tgt Ion:	202	Resp:	53745
Ion Ratio	Lower	Upper	
202	100		
101	9.7	8.2	12.4
100	7.9	7.0	10.6





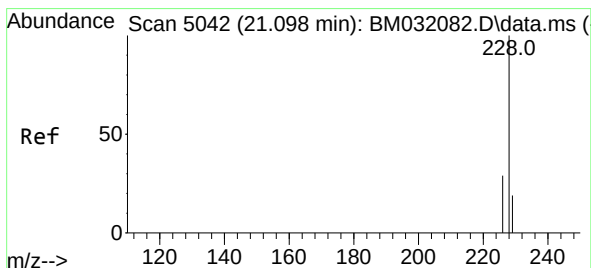
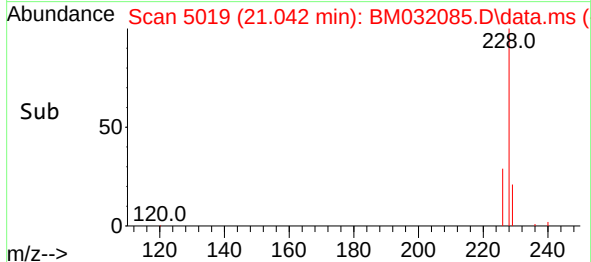
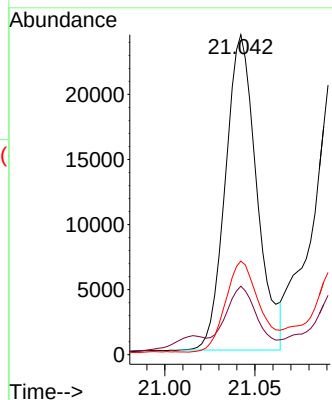
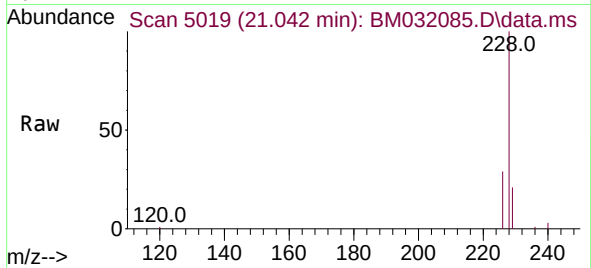
#21
Benzo(a)anthracene
Concen: 1.830 ng/ul
RT: 21.042 min Scan# 5019
Delta R.T. -0.017 min
Lab File: BM032085.D
Acq: 04 Sep 2021 20:20

Tgt Ion	Ratio	Lower	Upper
228	100		
229	21.4	17.1	25.7
226	29.2	23.1	34.7

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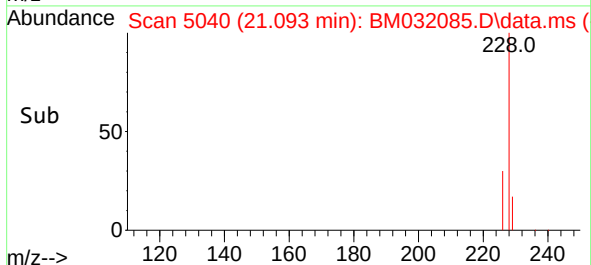
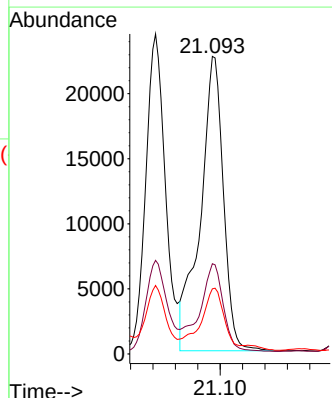
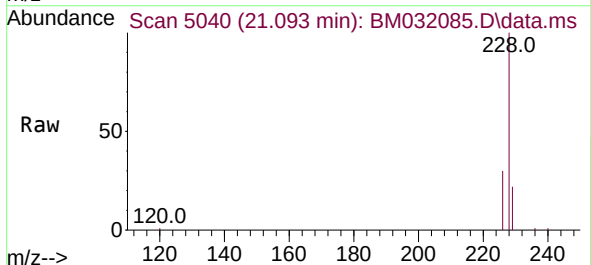
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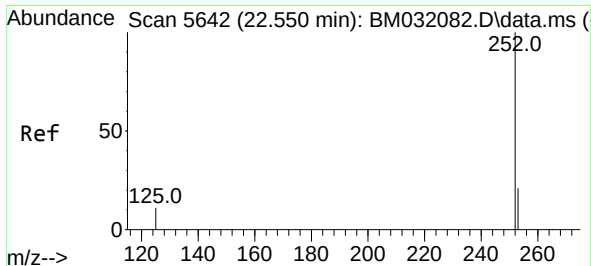
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#22
Chrysene
Concen: 1.772 ng/ul
RT: 21.093 min Scan# 5040
Delta R.T. -0.017 min
Lab File: BM032085.D
Acq: 04 Sep 2021 20:20

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.3	24.2	36.2
229	21.9	16.3	24.5





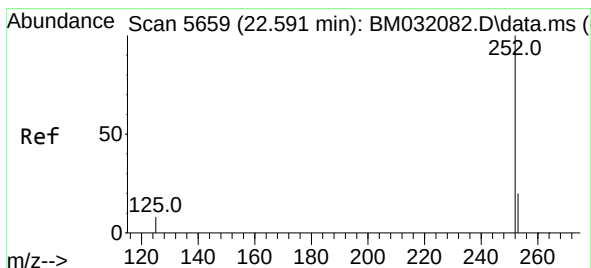
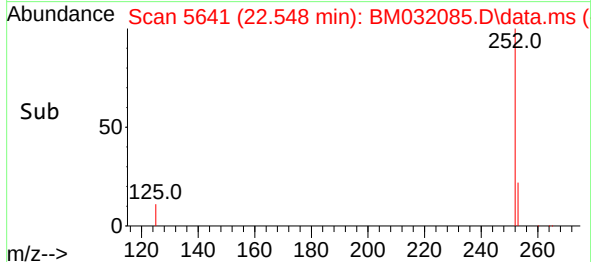
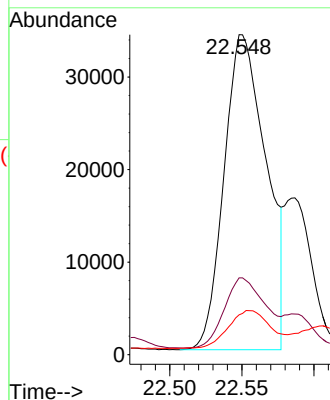
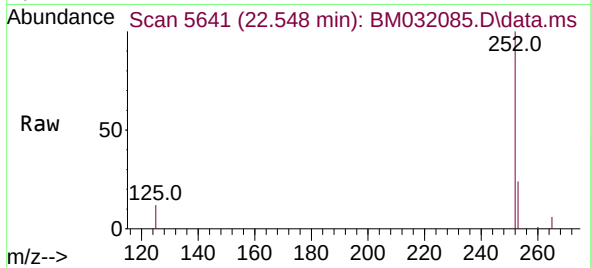
#24
Benzo(b)fluoranthene
Concen: 2.778 ng/ul m
RT: 22.548 min Scan# 5641
Delta R.T. -0.017 min
Lab File: BM032085.D
Acq: 04 Sep 2021 20:20

Tgt Ion:252 Resp: 69117
Ion Ratio Lower Upper
252 100
253 24.0 0.0 61.0
125 12.5 0.0 28.4

Instrument :
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ClientSampled :
C0B08

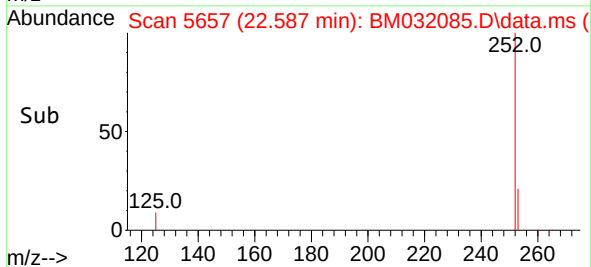
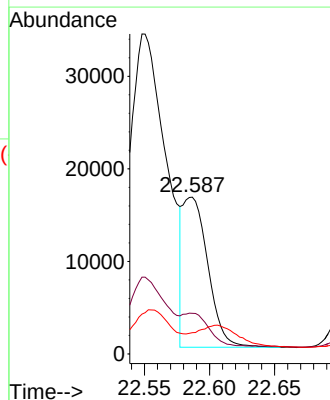
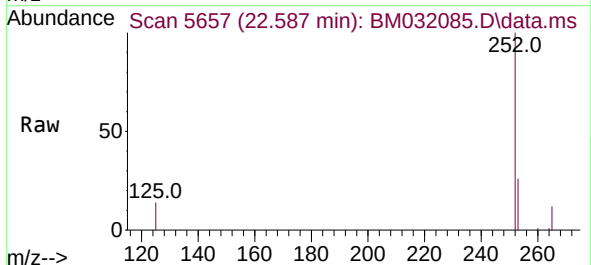
Manual Integrations
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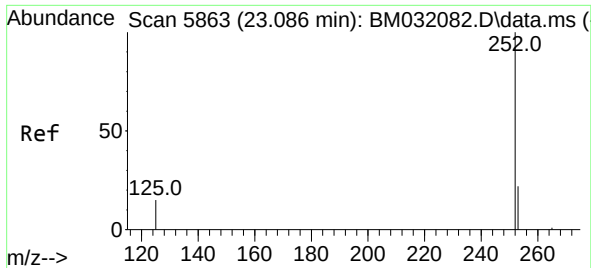
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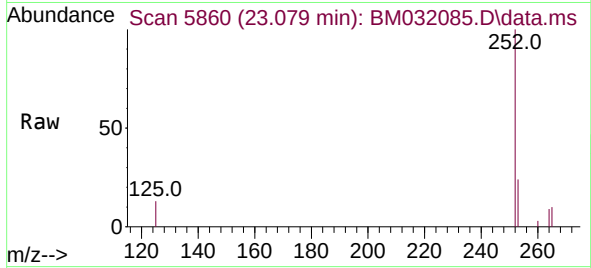
#25
Benzo(k)fluoranthene
Concen: 0.848 ng/ul m
RT: 22.587 min Scan# 5657
Delta R.T. -0.022 min
Lab File: BM032085.D
Acq: 04 Sep 2021 20:20

Tgt Ion:252 Resp: 21755
Ion Ratio Lower Upper
252 100
253 25.9 25.2 37.8
125 13.5 11.0 16.4

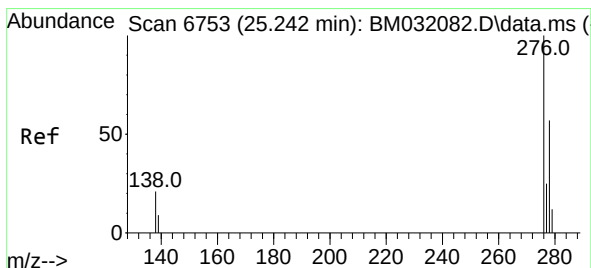
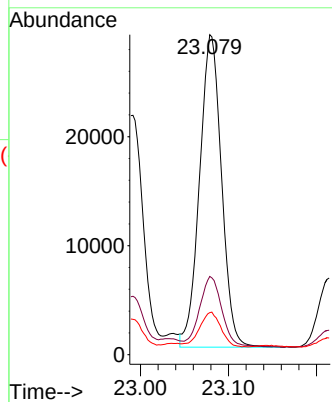
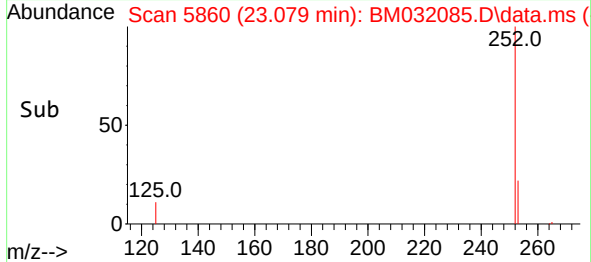




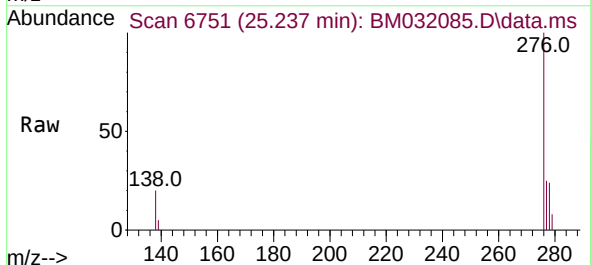
#26
Benzo(a)pyrene
Concen: 2.282 ng/ul
RT: 23.079 min Scan# 5860
Delta R.T. -0.027 min
Lab File: BM032085.D
Acq: 04 Sep 2021 20:20



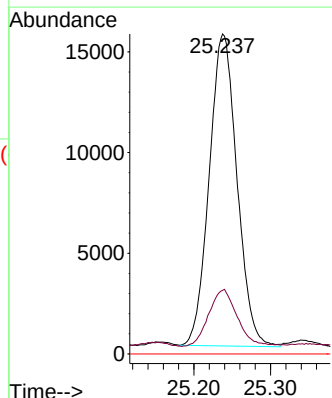
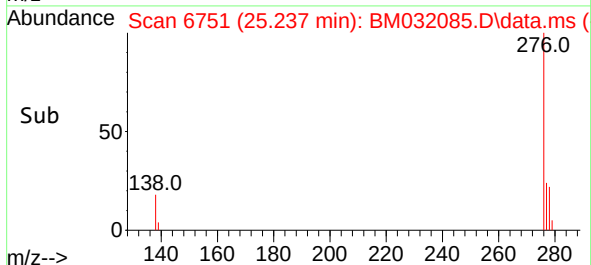
Tgt Ion:252 Resp: 49609
Ion Ratio Lower Upper
252 100
253 24.4 28.8 43.2#
125 13.2 13.9 20.9#



#27
Indeno(1,2,3-cd)pyrene
Concen: 1.316 ng/ul
RT: 25.237 min Scan# 6751
Delta R.T. -0.034 min
Lab File: BM032085.D
Acq: 04 Sep 2021 20:20



Tgt Ion:276 Resp: 38982
Ion Ratio Lower Upper
276 100
138 19.0 14.1 21.1
227 0.0 0.0 0.0

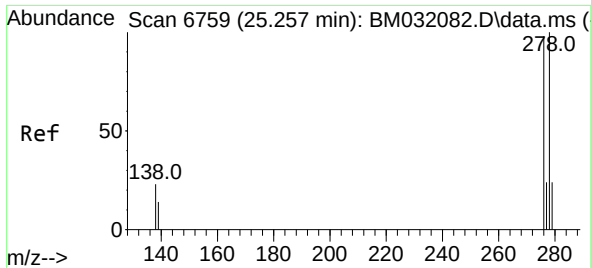


Instrument :
BNA_M
ClientSampled :
C0B08

Manual Integrations
APPROVED

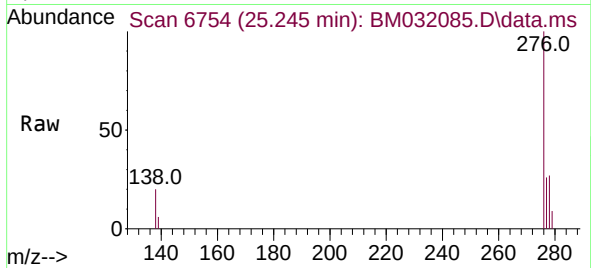
mohammad

9/7/2021 11:39:01 AM



#28
Dibenzo(a,h)anthracene
Concen: 0.482 ng/ul
RT: 25.245 min Scan# 6754
Delta R.T. -0.041 min
Lab File: BM032085.D
Acq: 04 Sep 2021 20:20

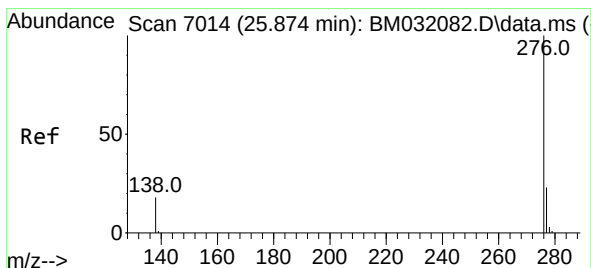
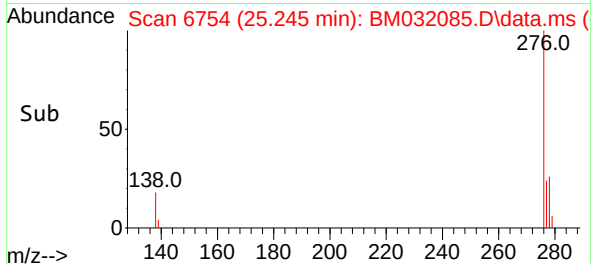
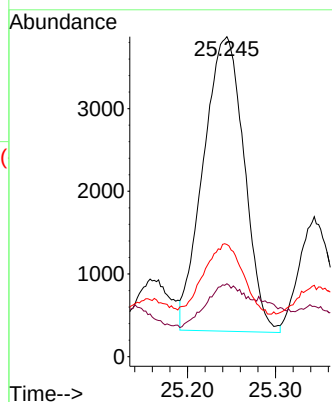
Instrument :
BNA_M
ClientSampled :
C0B08



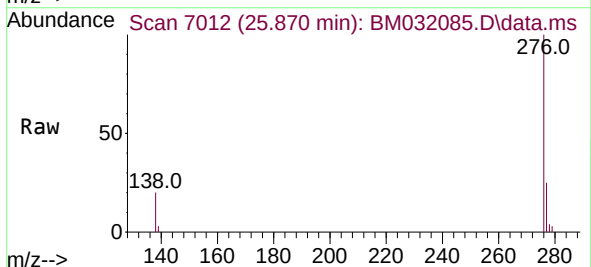
Tgt Ion:278 Resp: 11481
Ion Ratio Lower Upper
278 100
139 22.8 13.4 20.0#
279 35.1 27.2 40.8

Manual Integrations
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#29
Benzo(g,h,i)perylene
Concen: 1.502 ng/ul
RT: 25.870 min Scan# 7012
Delta R.T. -0.034 min
Lab File: BM032085.D
Acq: 04 Sep 2021 20:20



Tgt Ion:276 Resp: 39602
Ion Ratio Lower Upper
276 100
138 20.3 14.5 21.7
277 25.2 21.2 31.8

