

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM090321\
 Data File : BM032060.D
 Acq On : 04 Sep 2021 03:46
 Operator : CG/JU
 Sample : M3486-02
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AW2

Manual Integrations
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mohammad
 9/7/2021 11:37:53 AM

Quant Time: Sep 04 04:58:49 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	2033	0.400	ng/ul	0.00
4) Naphthalene-d8	10.203	136	7090	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.095	164	4251	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.851	188	7864	0.400	ng/ul	-0.01
17) Chrysene-d12	21.059	240	6565	0.400	ng/ul	-0.01
23) Perylene-d12	23.171	264	7936	0.400	ng/ul	#-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.061	96	4586	2.054	ng/ul	-0.01
6) 2-Methylnaphthalene-d10	11.809	152	1758	0.160	ng/ul	-0.01
18) Fluoranthene-d10	18.892	212	3443	0.179	ng/ul	-0.01
Target Compounds						
					Qvalue	
5) Naphthalene	10.253	128	1821	0.097	ng/ul	95
7) 2-Methylnaphthalene	11.885	142	1704	0.130	ng/ul	99
8) 1-Methylnaphthalene	12.106	142	1439	0.111	ng/ul	99
10) Acenaphthylene	13.815	152	997	0.058	ng/ul#	78
11) Acenaphthene	14.159	153	283m	0.020	ng/ul	
12) Fluorene	15.160	166	336	0.021	ng/ul#	88
14) Pentachlorophenol	16.525	266	76	0.037	ng/ul#	77
15) Phenanthrene	16.893	178	6001	0.251	ng/ul	98
16) Anthracene	16.987	178	909	0.043	ng/ul#	84
19) Fluoranthene	18.923	202	9609	0.339	ng/ul	99
20) Pyrene	19.285	202	10369	0.355	ng/ul	98
21) Benzo(a)anthracene	21.045	228	5555	0.232	ng/ul	93
22) Chrysene	21.093	228	7904	0.287	ng/ul#	93
24) Benzo(b)fluoranthene	22.548	252	10713m	0.294	ng/ul	
25) Benzo(k)fluoranthene	22.587	252	3834m	0.102	ng/ul	
26) Benzo(a)pyrene	23.076	252	7518	0.236	ng/ul#	87
27) Indeno(1,2,3-cd)pyrene	25.237	276	6288	0.145	ng/ul#	92
28) Dibenzo(a,h)anthracene	25.242	278	2074	0.059	ng/ul#	24
29) Benzo(g,h,i)perylene	25.870	276	10369	0.268	ng/ul#	89

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

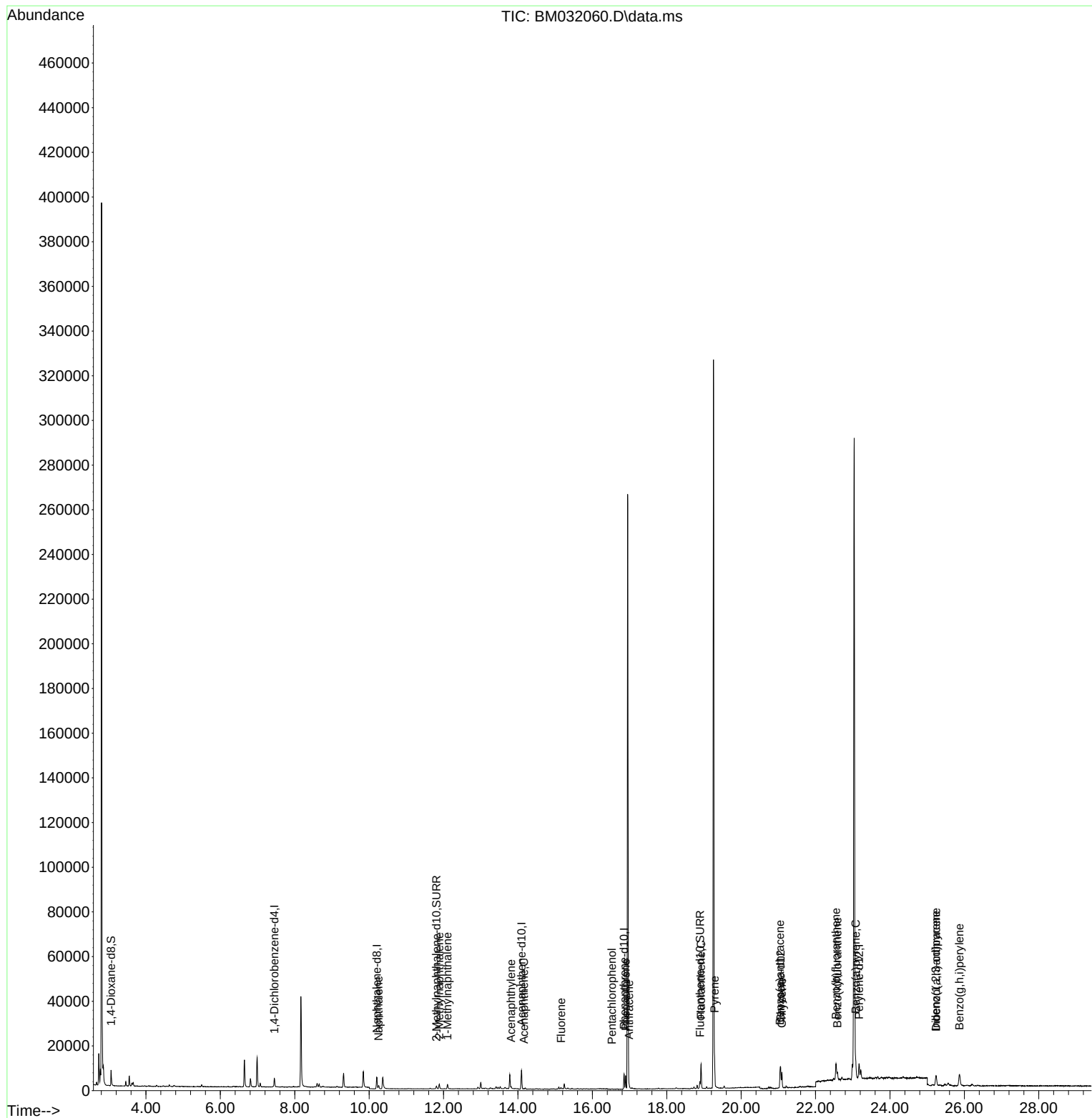
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM090321\
Data File : BM032060.D
Acq On : 04 Sep 2021 03:46
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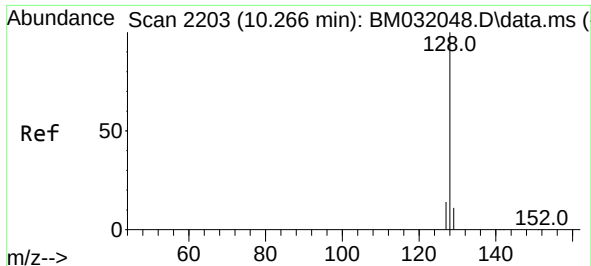
Instrument :
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ClientSampleId :
C0AW2

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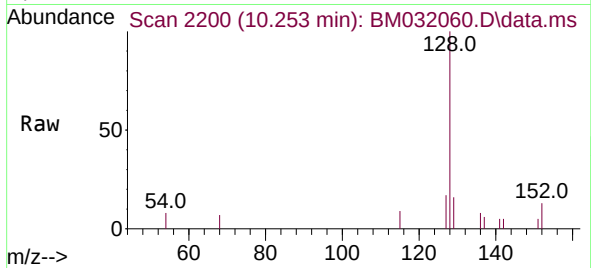
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM090321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 03 16:21:27 2021
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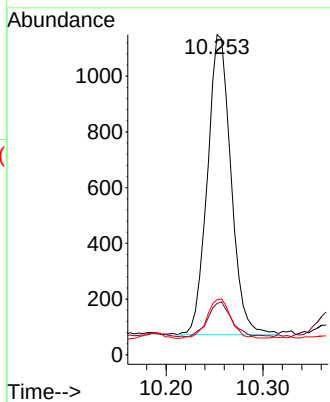
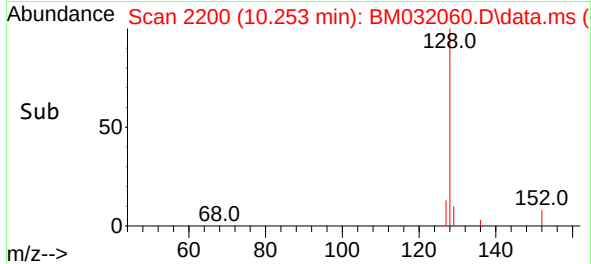




#5
Naphthalene
Concen: 0.097 ng/ul
RT: 10.253 min Scan# 2200
Delta R.T. -0.018 min
Lab File: BM032060.D
Acq: 04 Sep 2021 03:46



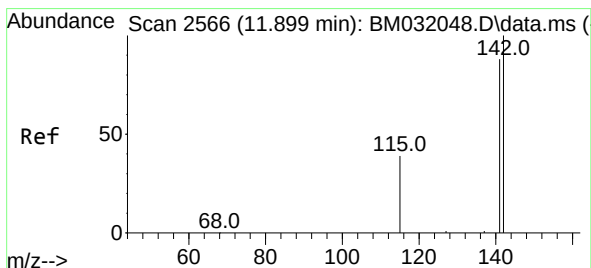
Tgt Ion:128 Resp: 1821
Ion Ratio Lower Upper
128 100
129 16.0 10.9 16.3
127 17.2 12.4 18.6



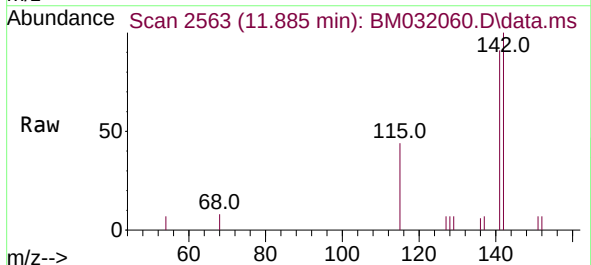
Instrument :
BNA_M
ClientSampleId :
C0AW2

Manual Integrations
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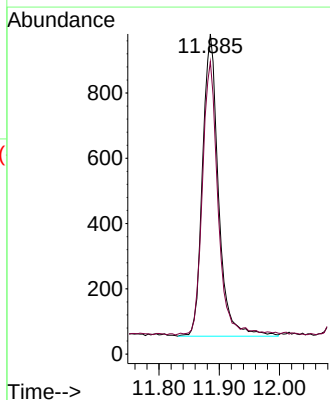
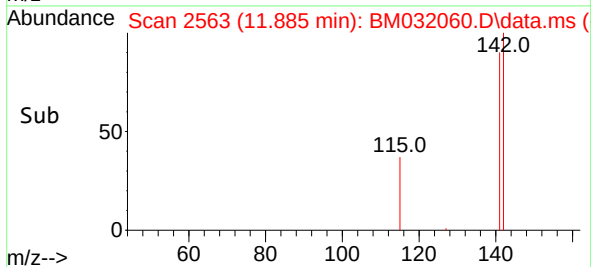
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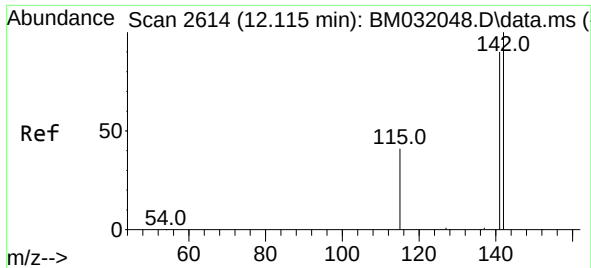


#7
2-Methylnaphthalene
Concen: 0.130 ng/ul
RT: 11.885 min Scan# 2563
Delta R.T. -0.013 min
Lab File: BM032060.D
Acq: 04 Sep 2021 03:46



Tgt Ion:142 Resp: 1704
Ion Ratio Lower Upper
142 100
141 89.1 70.3 105.5





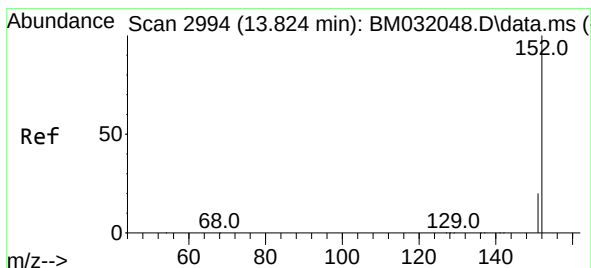
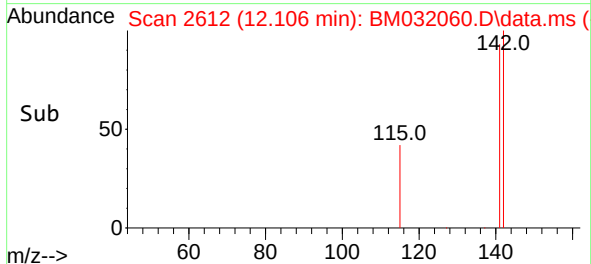
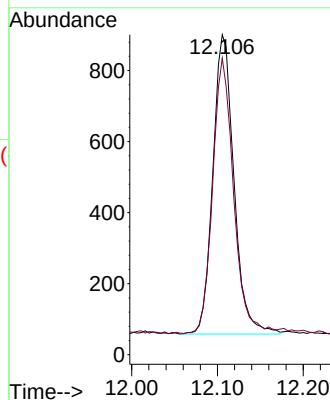
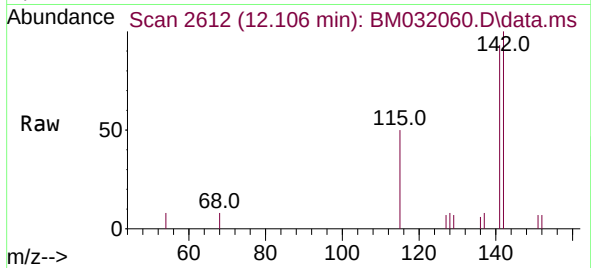
#8
1-Methylnaphthalene
Concen: 0.111 ng/ul
RT: 12.106 min Scan# 2612
Delta R.T. -0.009 min
Lab File: BM032060.D
Acq: 04 Sep 2021 03:46

Tgt Ion:142 Resp: 1439
Ion Ratio Lower Upper
142 100
141 91.0 72.2 108.2

Instrument :
BNA_M
ClientSampled :
C0AW2

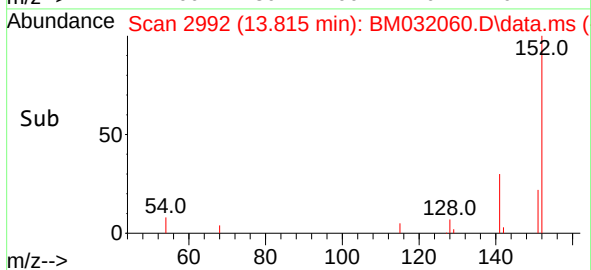
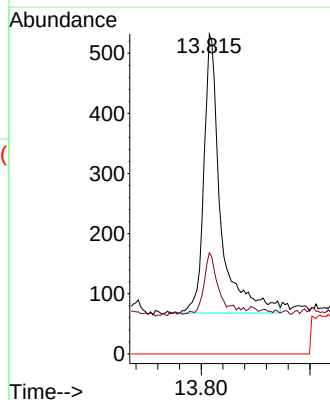
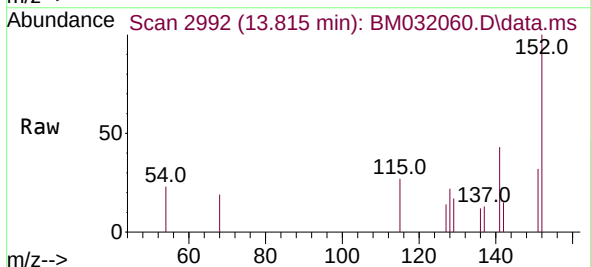
Manual Integrations
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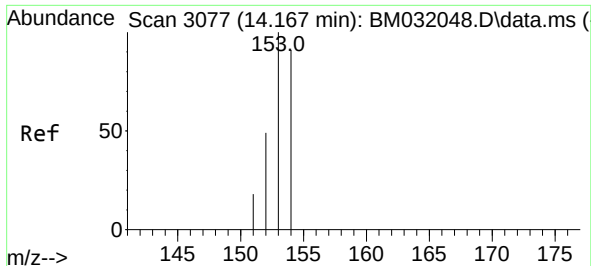
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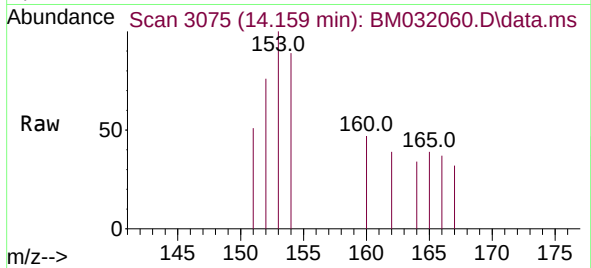
#10
Acenaphthylene
Concen: 0.058 ng/ul
RT: 13.815 min Scan# 2992
Delta R.T. -0.009 min
Lab File: BM032060.D
Acq: 04 Sep 2021 03:46

Tgt Ion:152 Resp: 997
Ion Ratio Lower Upper
152 100
151 31.6 17.0 25.4#
153 0.0 0.0 0.0

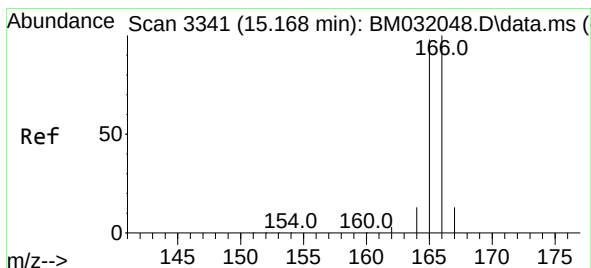
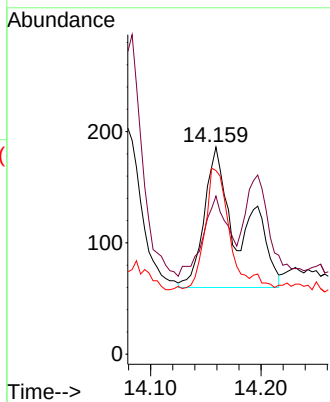
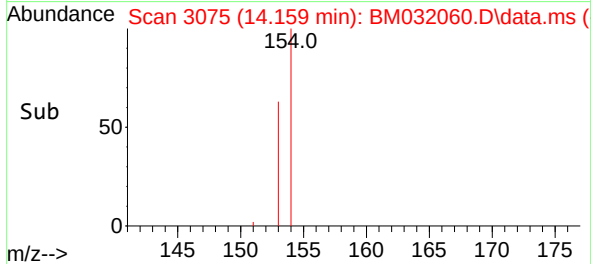




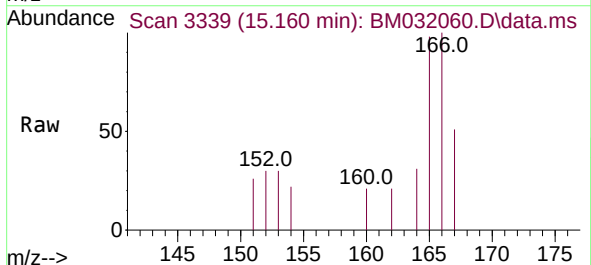
#11
Acenaphthene
Concen: 0.020 ng/ul m
RT: 14.159 min Scan# 3075
Delta R.T. -0.008 min
Lab File: BM032060.D
Acq: 04 Sep 2021 03:46



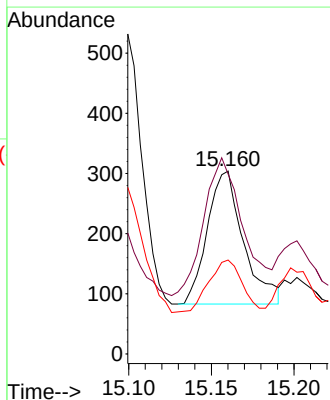
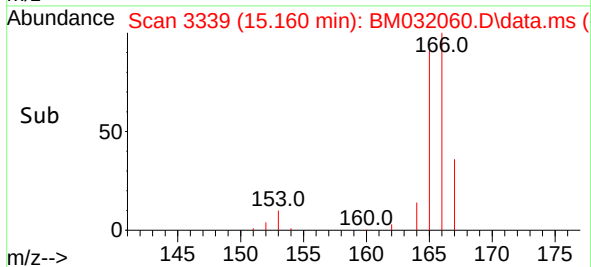
Tgt Ion:153 Resp: 283
Ion Ratio Lower Upper
153 100
152 76.3 41.0 61.4#
154 88.7 70.5 105.7



#12
Fluorene
Concen: 0.021 ng/ul
RT: 15.160 min Scan# 3339
Delta R.T. -0.011 min
Lab File: BM032060.D
Acq: 04 Sep 2021 03:46



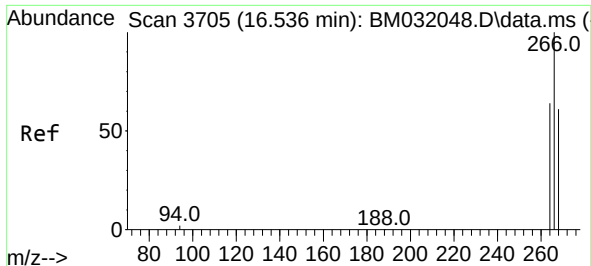
Tgt Ion:166 Resp: 336
Ion Ratio Lower Upper
166 100
165 98.4 78.3 117.5
167 51.3 12.5 18.7#



Instrument :
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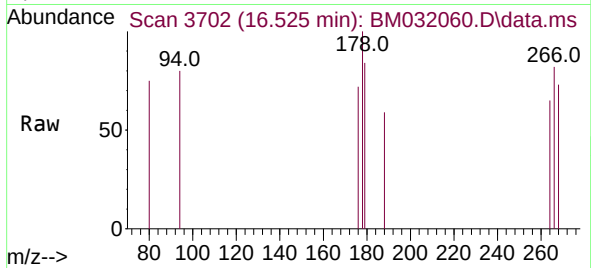
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#14
 Pentachlorophenol
 Concen: 0.037 ng/ul
 RT: 16.525 min Scan# 3702
 Delta R.T. -0.014 min
 Lab File: BM032060.D
 Acq: 04 Sep 2021 03:46

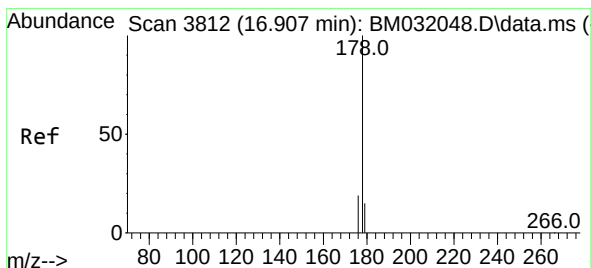
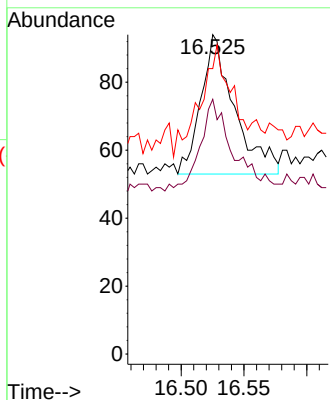
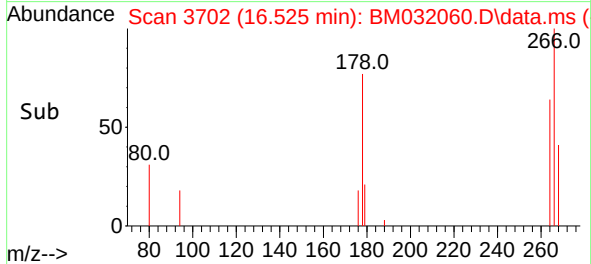
Instrument :
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 ClientSampled :
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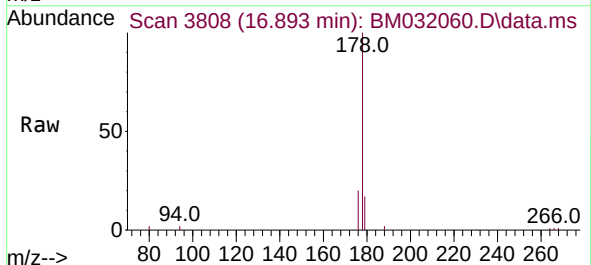
Tgt Ion:266 Resp: 76
 Ion Ratio Lower Upper
 266 100
 264 65.8 44.3 66.5
 268 85.5 49.4 74.2#

Manual Integrations
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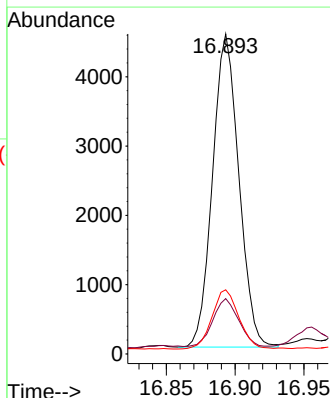
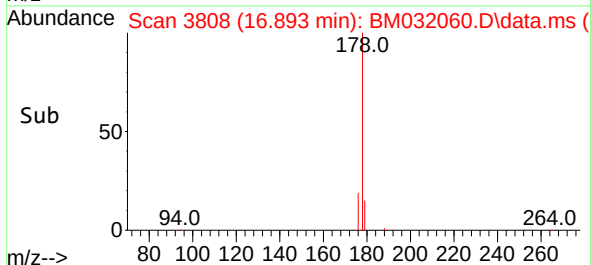
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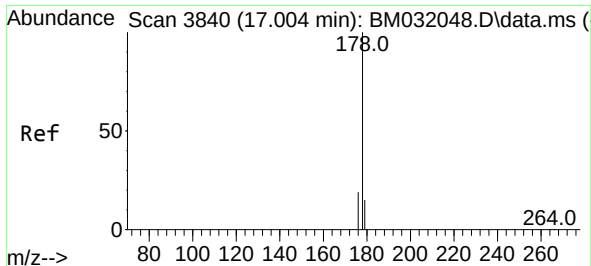


#15
 Phenanthrene
 Concen: 0.251 ng/ul
 RT: 16.893 min Scan# 3808
 Delta R.T. -0.014 min
 Lab File: BM032060.D
 Acq: 04 Sep 2021 03:46



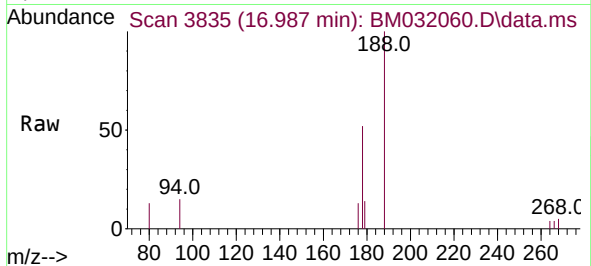
Tgt Ion:178 Resp: 6001
 Ion Ratio Lower Upper
 178 100
 179 17.3 13.3 19.9
 176 20.0 16.7 25.1





#16
 Anthracene
 Concen: 0.043 ng/ul
 RT: 16.987 min Scan# 3835
 Delta R.T. -0.021 min
 Lab File: BM032060.D
 Acq: 04 Sep 2021 03:46

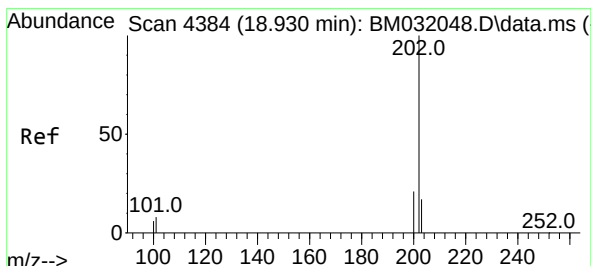
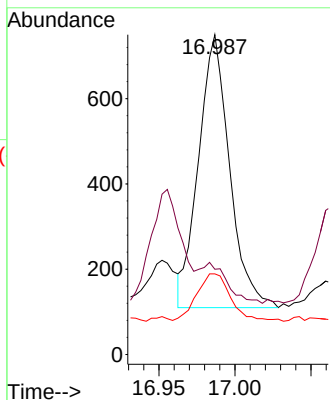
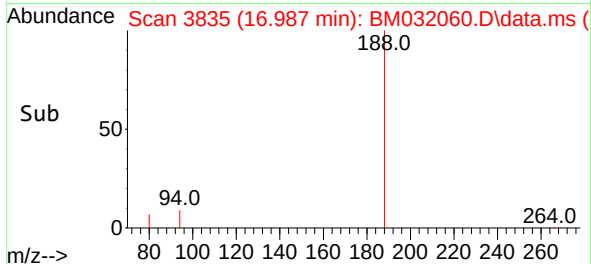
Instrument :
 BNA_M
 ClientSampled :
 C0AW2



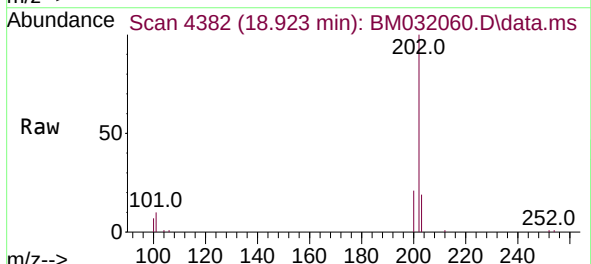
Tgt Ion	Ratio	Lower	Upper
178	100		
179	26.7	14.3	21.5#
176	25.2	15.8	23.8#

Manual Integrations
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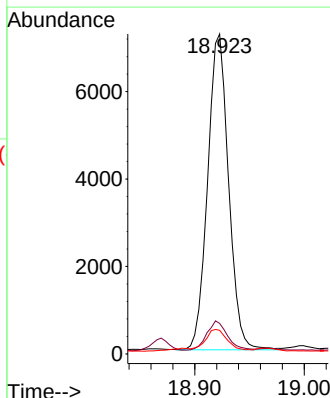
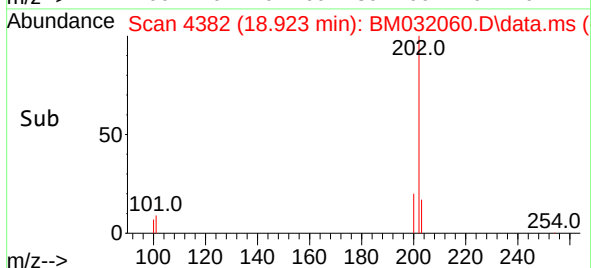
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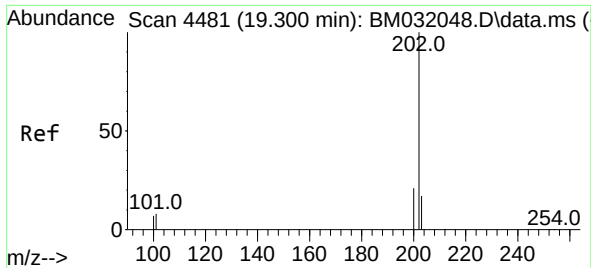


#19
 Fluoranthene
 Concen: 0.339 ng/ul
 RT: 18.923 min Scan# 4382
 Delta R.T. -0.011 min
 Lab File: BM032060.D
 Acq: 04 Sep 2021 03:46



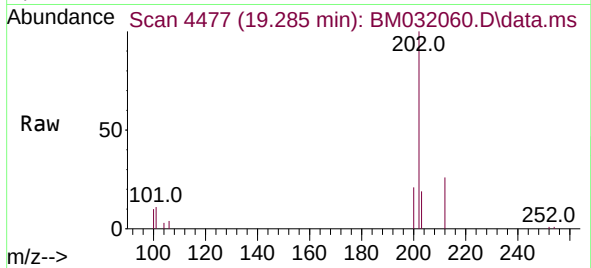
Tgt Ion	Ratio	Lower	Upper
202	100		
101	9.6	7.2	10.8
100	7.4	5.8	8.6





#20
Pyrene
Concen: 0.355 ng/ul
RT: 19.285 min Scan# 4477
Delta R.T. -0.015 min
Lab File: BM032060.D
Acq: 04 Sep 2021 03:46

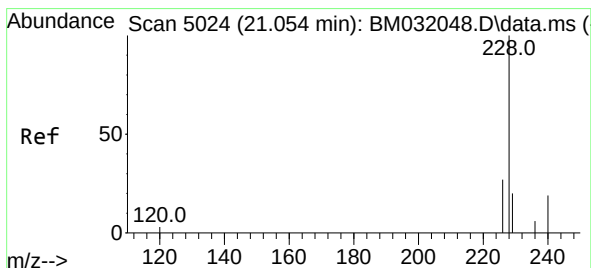
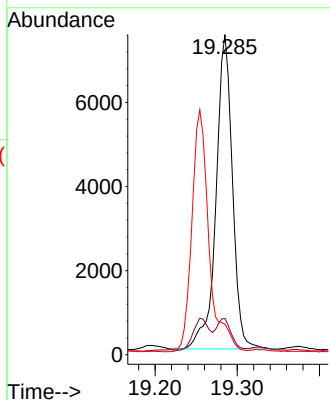
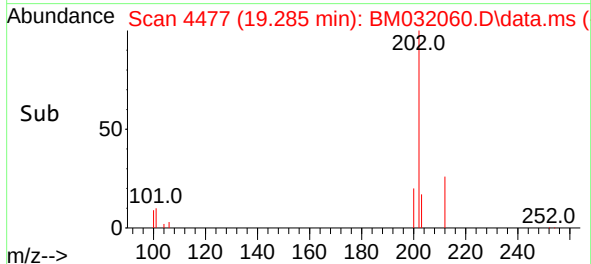
Instrument :
BNA_M
ClientSampled :
C0AW2



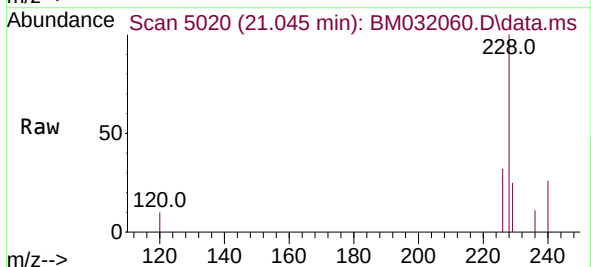
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Ion Ratio Lower Upper
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101 11.3 8.2 12.4
100 9.5 7.0 10.6

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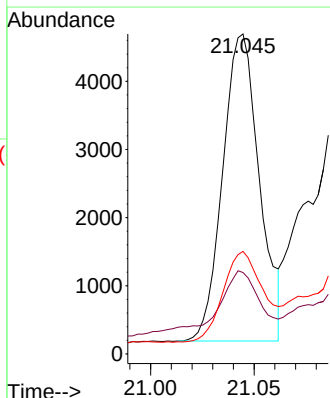
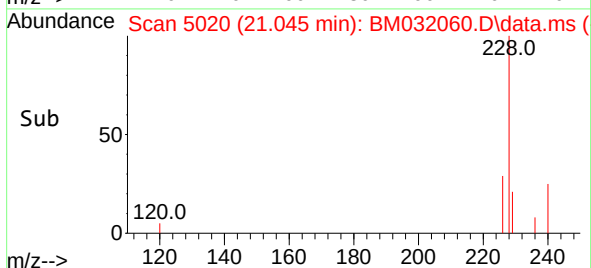
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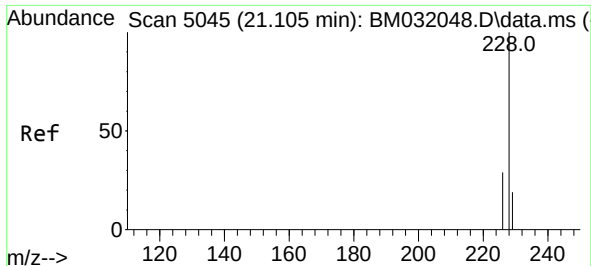


#21
Benzo(a)anthracene
Concen: 0.232 ng/ul
RT: 21.045 min Scan# 5020
Delta R.T. -0.014 min
Lab File: BM032060.D
Acq: 04 Sep 2021 03:46

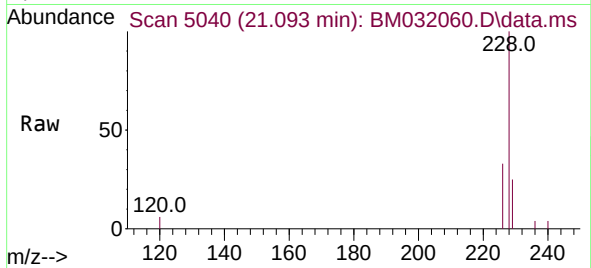


Tgt Ion:228 Resp: 5555
Ion Ratio Lower Upper
228 100
229 25.4 17.1 25.7
226 32.0 23.1 34.7

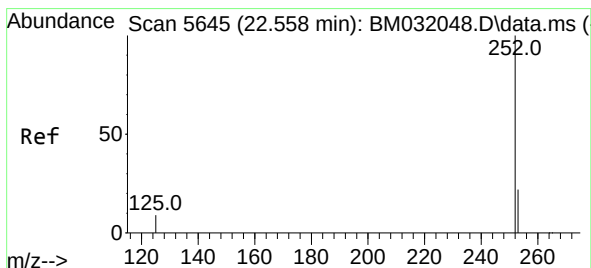
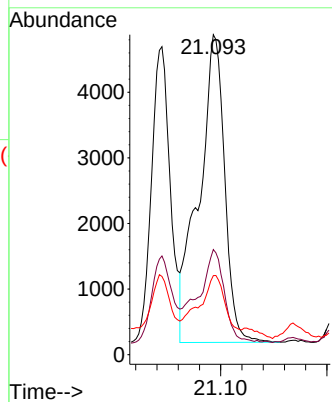
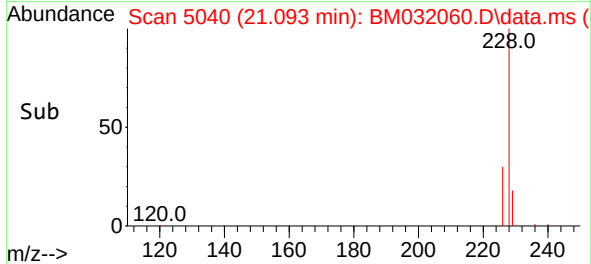




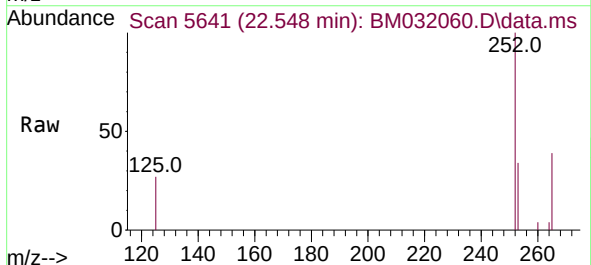
#22
Chrysene
Concen: 0.287 ng/ul
RT: 21.093 min Scan# 5040
Delta R.T. -0.017 min
Lab File: BM032060.D
Acq: 04 Sep 2021 03:46



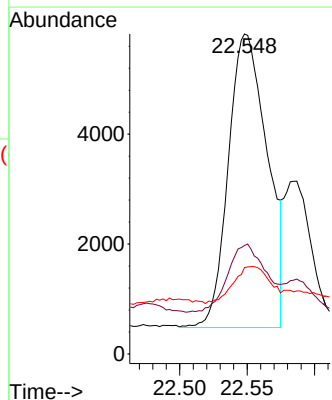
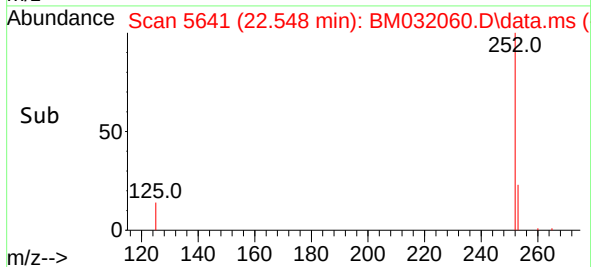
Tgt Ion:228 Resp: 7904
Ion Ratio Lower Upper
228 100
226 32.8 24.2 36.2
229 24.7 16.3 24.5#



#24
Benzo(b)fluoranthene
Concen: 0.294 ng/ul m
RT: 22.548 min Scan# 5641
Delta R.T. -0.017 min
Lab File: BM032060.D
Acq: 04 Sep 2021 03:46



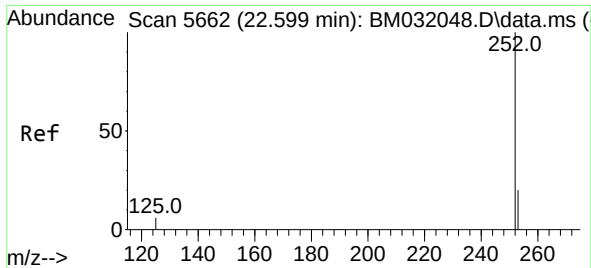
Tgt Ion:252 Resp: 10713
Ion Ratio Lower Upper
252 100
253 33.9 0.0 61.0
125 27.0 0.0 28.4



Instrument :
BNA_M
ClientSampled :
C0AW2

Manual Integrations
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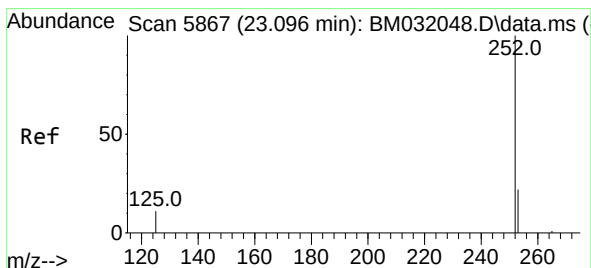
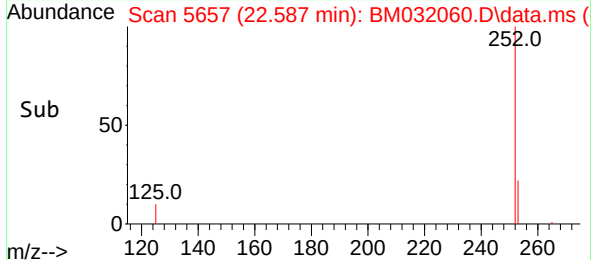
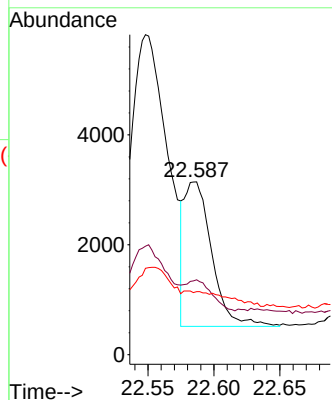
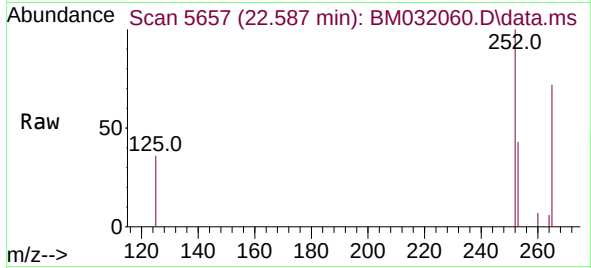
#25
Benzo(k)fluoranthene
Concen: 0.102 ng/ul m
RT: 22.587 min Scan# 5657
Delta R.T. -0.022 min
Lab File: BM032060.D
Acq: 04 Sep 2021 03:46

Tgt Ion	Ratio	Lower	Upper
252	100		
253	43.3	25.2	37.8#
125	36.5	11.0	16.4#

Instrument :
BNA_M
ClientSampled :
C0AW2

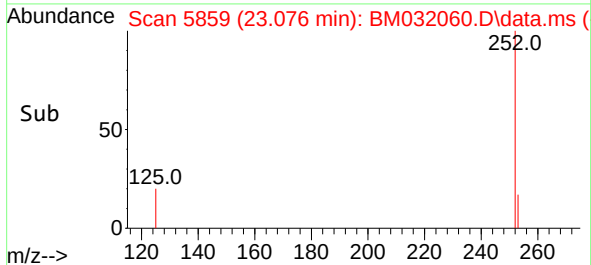
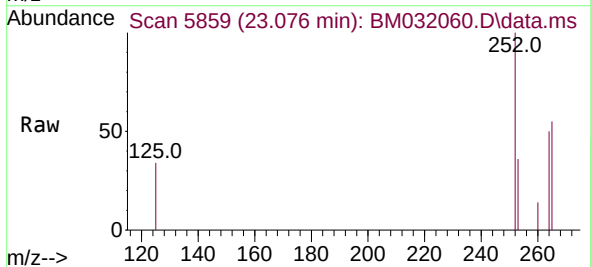
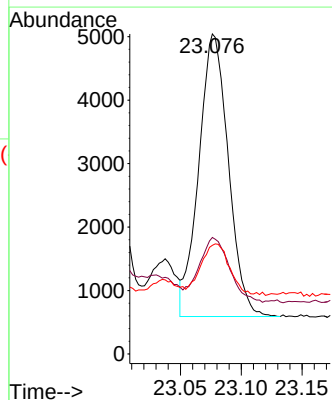
Manual Integrations
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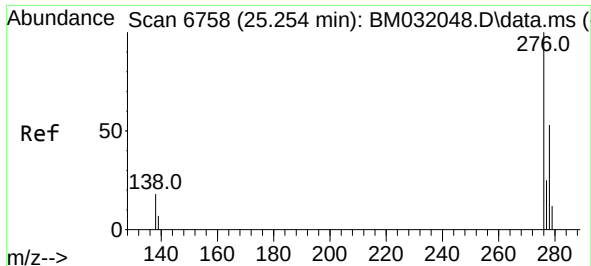
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#26
Benzo(a)pyrene
Concen: 0.236 ng/ul
RT: 23.076 min Scan# 5859
Delta R.T. -0.029 min
Lab File: BM032060.D
Acq: 04 Sep 2021 03:46

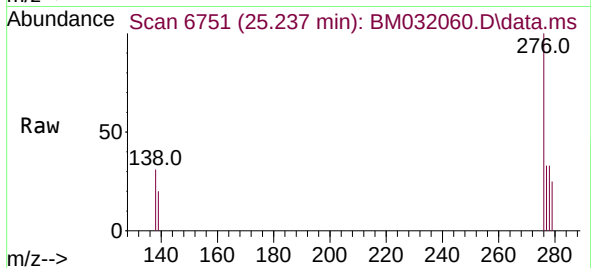
Tgt Ion	Ratio	Lower	Upper
252	100		
253	36.4	28.8	43.2
125	34.0	13.9	20.9#





#27
Indeno(1,2,3-cd)pyrene
Concen: 0.145 ng/ul
RT: 25.237 min Scan# 6751
Delta R.T. -0.034 min
Lab File: BM032060.D
Acq: 04 Sep 2021 03:46

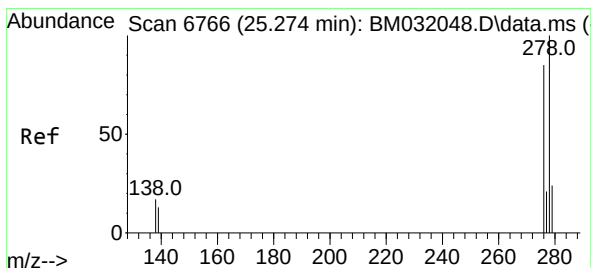
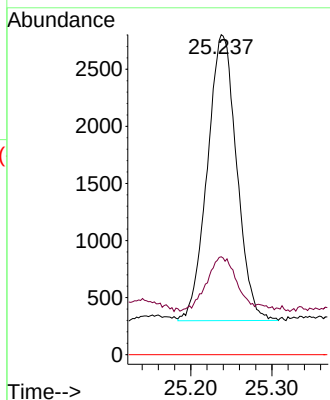
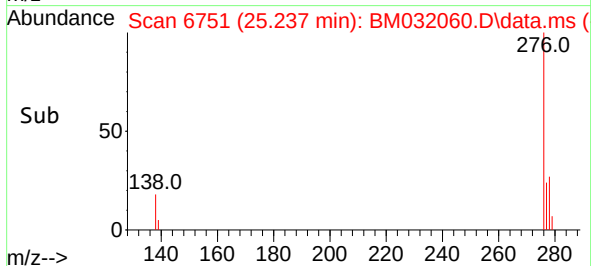
Instrument :
BNA_M
ClientSampled :
C0AW2



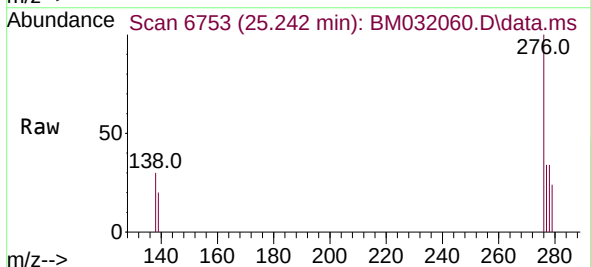
Tgt Ion: 276 Resp: 6288
Ion Ratio Lower Upper
276 100
138 21.1 14.1 21.1
227 0.0 0.0 0.0

Manual Integrations
APPROVED

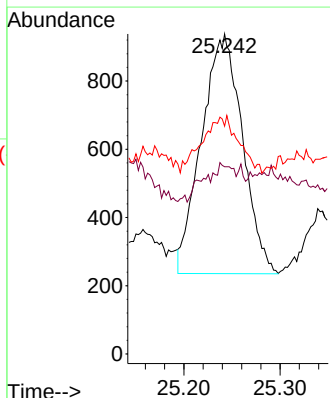
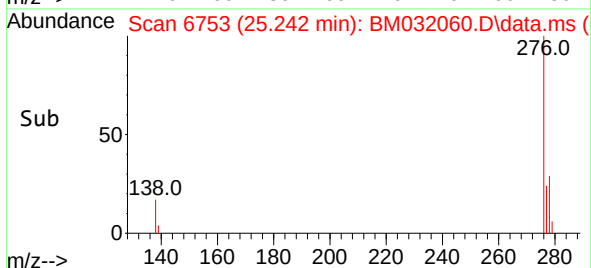
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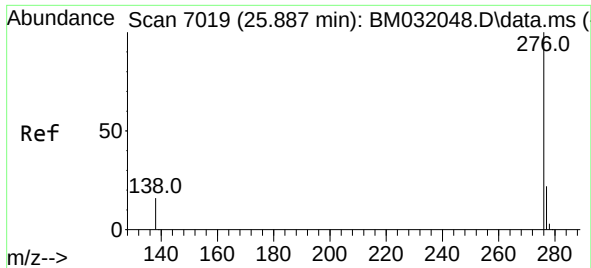


#28
Dibenzo(a,h)anthracene
Concen: 0.059 ng/ul
RT: 25.242 min Scan# 6753
Delta R.T. -0.044 min
Lab File: BM032060.D
Acq: 04 Sep 2021 03:46



Tgt Ion: 278 Resp: 2074
Ion Ratio Lower Upper
278 100
139 58.5 13.4 20.0#
279 71.2 27.2 40.8#





#29
Benzo(g,h,i)perylene
Concen: 0.268 ng/ul
RT: 25.870 min Scan# 7012
Delta R.T. -0.034 min
Lab File: BM032060.D
Acq: 04 Sep 2021 03:46

Tgt Ion	Ratio	Lower	Upper
276	100		
138	26.7	14.5	21.7#
277	29.3	21.2	31.8

Instrument :
BNA_M
ClientSampled :
C0AW2

Manual Integrations
APPROVED

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