

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070621\
 Data File : BM030843.D
 Acq On : 07 Jul 2021 06:04
 Operator : CG/JU
 Sample : M2854-02
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BGDS3

Manual Integrations
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Quant Time: Jul 07 06:47:16 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM070621.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jul 07 04:59:15 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.763	152	117531	20.000	ng/ul	0.00
20) Naphthalene-d8	10.545	136	492792	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.392	164	313592	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.133	188	622093	20.000	ng/ul	0.00
79) Chrysene-d12	21.297	240	475231	20.000	ng/ul	0.00
88) Perylene-d12	23.544	264	453409	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.263	96	7049	2.344	ng/uL	0.00
4) Pyridine-d5	3.693	84	38467	4.891	ng/ul	0.02
7) Phenol-d5	6.934	99	130385	12.696	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.098	67	93054	14.067	ng/ul	0.00
11) 2-Chlorophenol-d4	7.298	132	111272	14.122	ng/ul	0.00
15) 4-Methylphenol-d8	8.463	113	94053	11.428	ng/ul	0.00
21) Nitrobenzene-d5	8.922	128	52613	14.355	ng/ul	0.00
24) 2-Nitrophenol-d4	9.639	143	53248	13.278	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.175	165	103504	13.411	ng/ul	0.00
31) 4-Chloroaniline-d4	10.692	131	119868	10.937	ng/ul	0.00
46) Dimethylphthalate-d6	13.804	166	351450	16.008	ng/ul	0.00
49) Acenaphthylene-d8	14.086	160	418469	15.090	ng/ul	0.00
54) 4-Nitrophenol-d4	14.604	143	27155	7.107	ng/ul	0.00
60) Fluorene-d10	15.386	176	303210	15.684	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.516	200	29567	7.412	ng/ul	0.00
73) Anthracene-d10	17.233	188	457611	15.785	ng/ul	0.00
81) Pyrene-d10	19.521	212	482339	18.403	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.397	264	355985	15.210	ng/ul	-0.01
Target Compounds					Qvalue	
30) Naphthalene	10.598	128	28525	1.151	ng/ul	98
50) Acenaphthylene	14.116	152	34894	1.347	ng/ul	97
52) Acenaphthene	14.457	153	21468	1.136	ng/ul	98
61) Fluorene	15.439	166	28650	1.307	ng/ul#	97
72) Phenanthrene	17.174	178	469399	14.141	ng/ul	99
74) Anthracene	17.262	178	120890	3.545	ng/ul	99
80) Fluoranthene	19.186	202	756306	23.402	ng/ul	99
82) Pyrene	19.551	202	532060	15.885	ng/ul	99
85) Benzo(a)anthracene	21.286	228	303766	10.223	ng/ul	96
87) Chrysene	21.339	228	219513	7.509	ng/ul	99
90) Benzo(b)fluoranthene	22.868	252	249972	8.559	ng/ul	98
91) Benzo(k)fluoranthene	22.909	252	98868m	3.483	ng/ul	
93) Benzo(a)pyrene	23.444	252	162377	6.282	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	25.815	276	100836	3.137	ng/ul	97
95) Dibenzo(a,h)anthracene	25.809	278	30585	1.135	ng/ul#	91

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

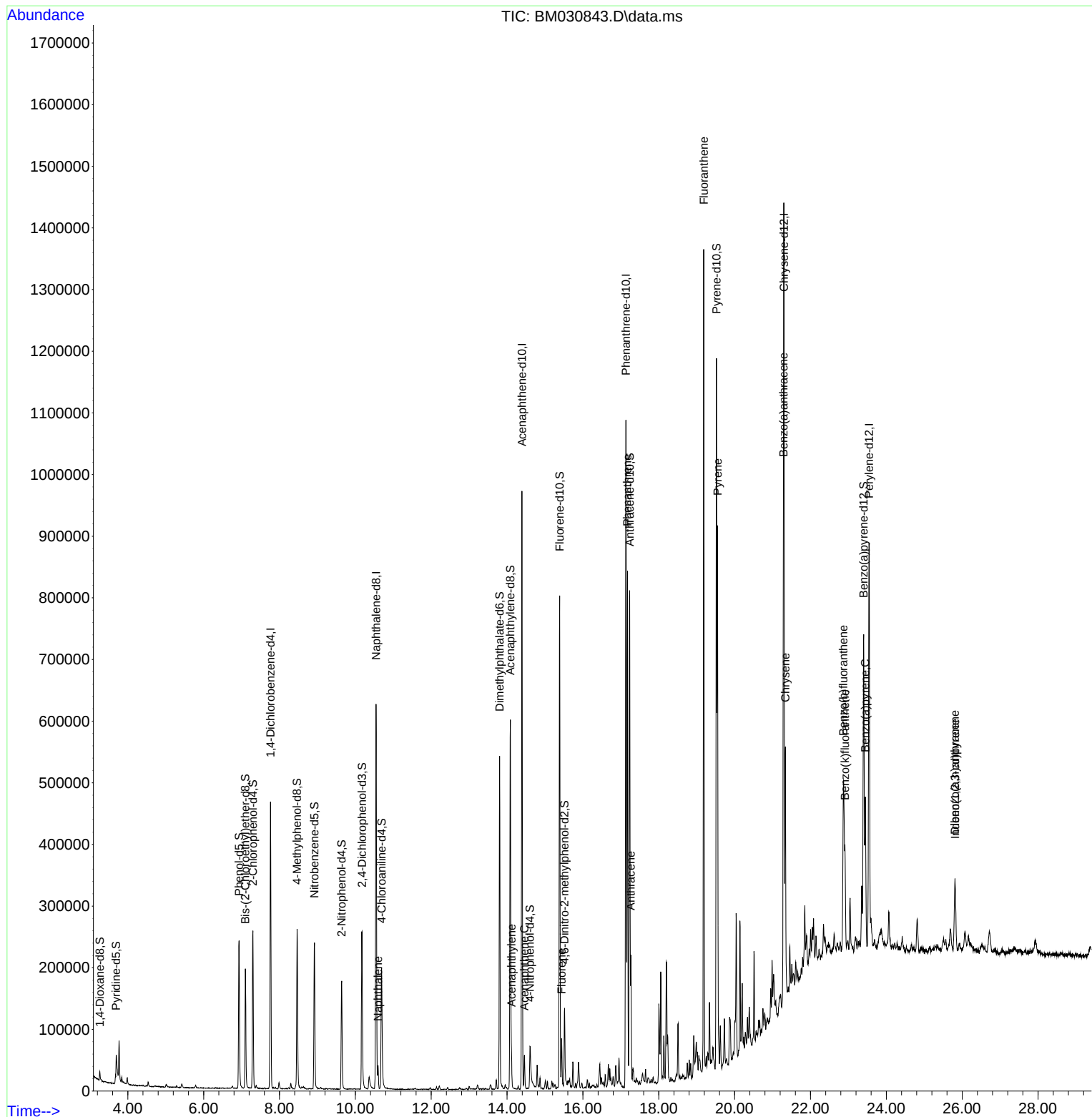
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Data File : BM030843.D
Acq On : 07 Jul 2021 06:04
Operator : CG/JU
Sample : M2854-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

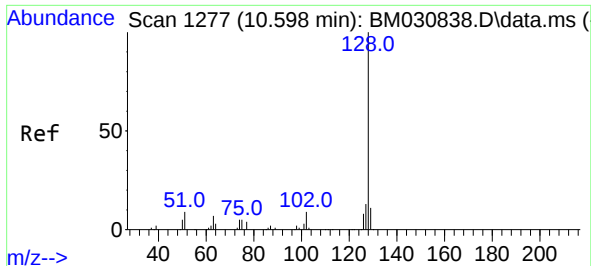
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BNA_M
ClientSampleId :
BGDS3

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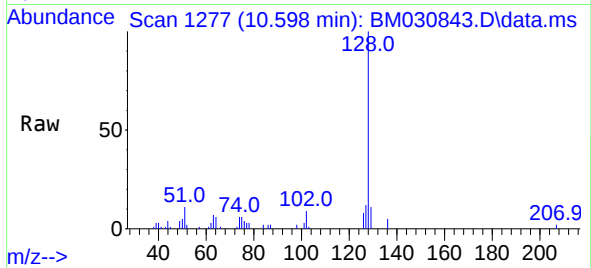
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Quant Time: Jul 07 06:47:16 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM070621.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 07 04:59:15 2021
Response via : Initial Calibration

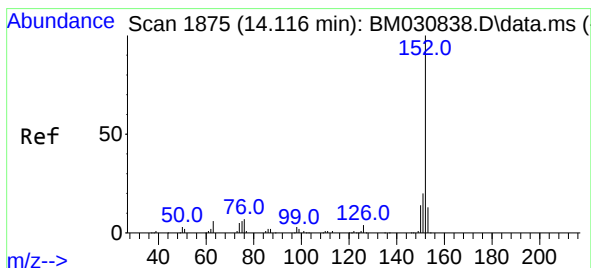
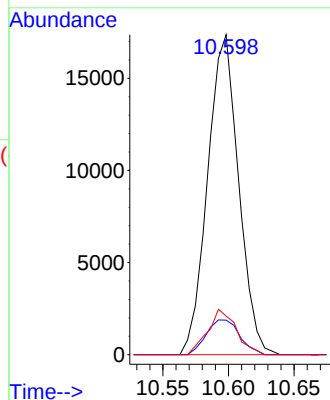
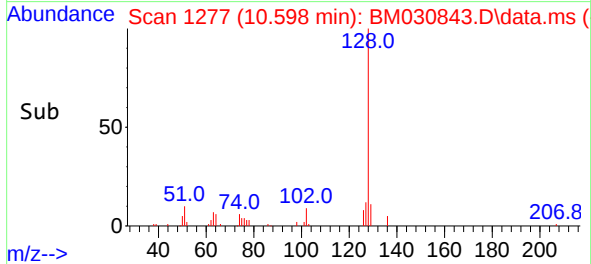




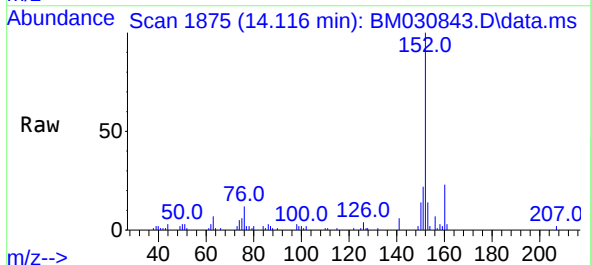
#30
Naphthalene
Concen: 1.151 ng/ul
RT: 10.598 min Scan# 1277
Delta R.T. 0.000 min
Lab File: BM030843.D
Acq: 07 Jul 2021 06:04



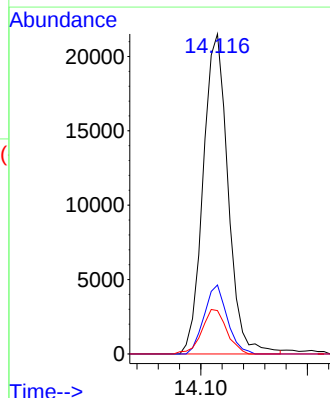
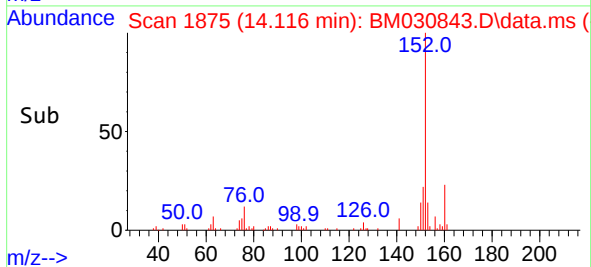
Tgt Ion:	128	Resp:	28525
Ion	Ratio	Lower	Upper
128	100		
129	10.8	9.0	13.6
127	12.1	10.3	15.5



#50
Acenaphthylene
Concen: 1.347 ng/ul
RT: 14.116 min Scan# 1875
Delta R.T. 0.000 min
Lab File: BM030843.D
Acq: 07 Jul 2021 06:04



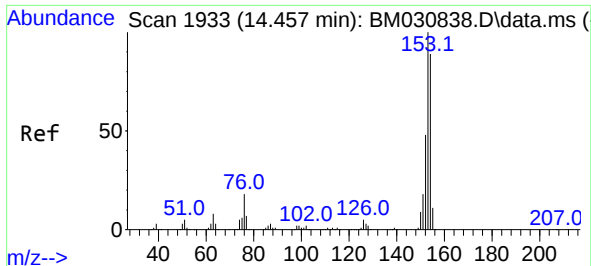
Tgt Ion:	152	Resp:	34894
Ion	Ratio	Lower	Upper
152	100		
151	21.6	16.2	24.2
153	13.6	10.2	15.4



Instrument :
BNA_M
ClientSampled :
BGDS3

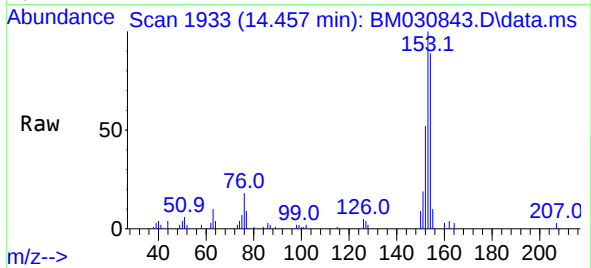
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#52
Acenaphthene
Concen: 1.136 ng/ul
RT: 14.457 min Scan# 1933
Delta R.T. 0.000 min
Lab File: BM030843.D
Acq: 07 Jul 2021 06:04

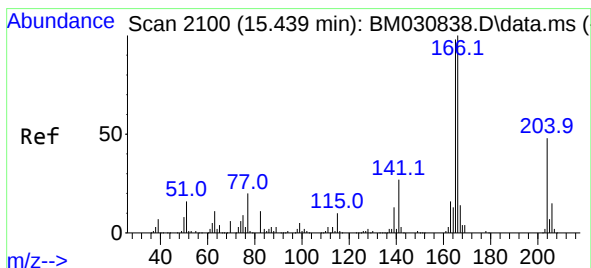
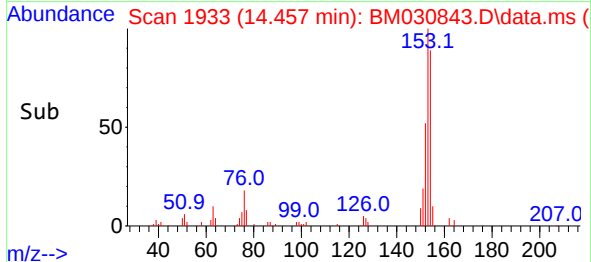
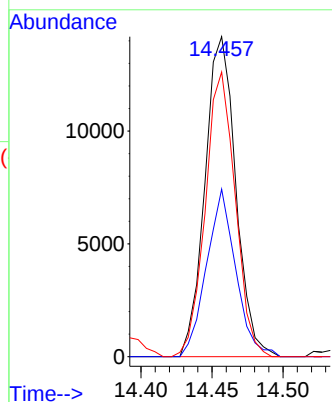
Instrument :
BNA_M
ClientSampled :
BGDS3



Tgt Ion:153 Resp: 21468
Ion Ratio Lower Upper
153 100
152 52.4 38.8 58.2
154 88.9 71.3 106.9

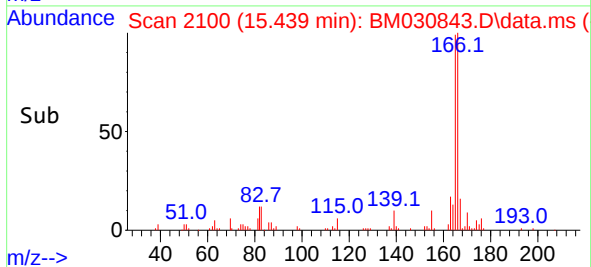
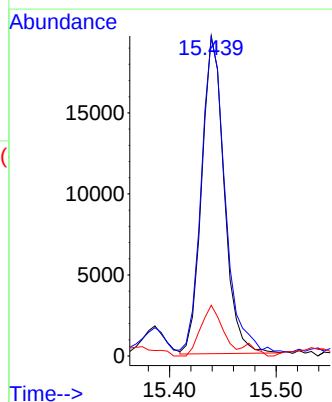
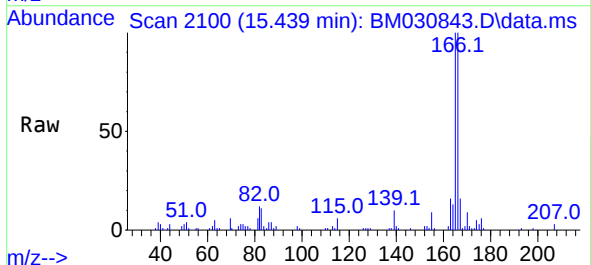
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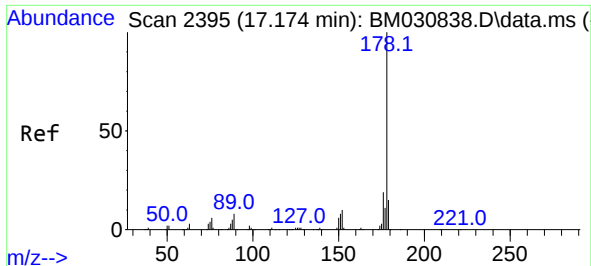
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#61
Fluorene
Concen: 1.307 ng/ul
RT: 15.439 min Scan# 2100
Delta R.T. -0.006 min
Lab File: BM030843.D
Acq: 07 Jul 2021 06:04

Tgt Ion:166 Resp: 28650
Ion Ratio Lower Upper
166 100
165 99.6 77.4 116.2
167 15.9 10.6 15.8#





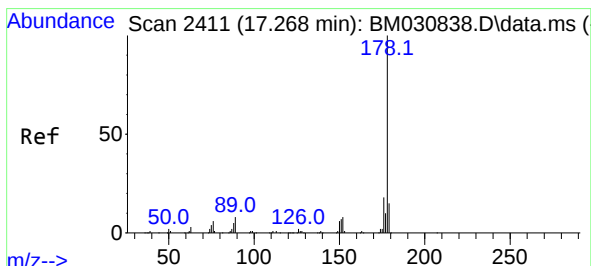
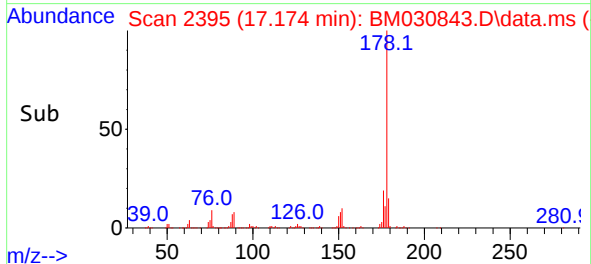
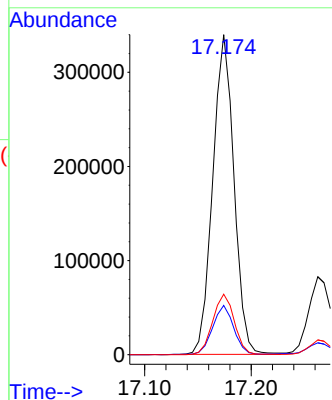
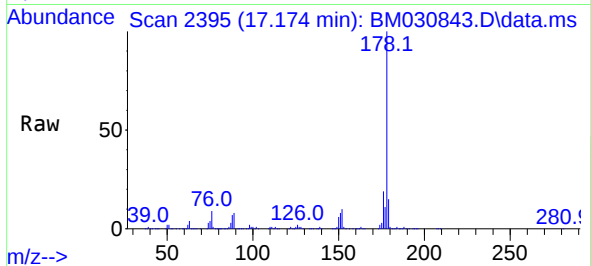
#72
Phenanthrene
Concen: 14.141 ng/u1
RT: 17.174 min Scan# 2395
Delta R.T. 0.000 min
Lab File: BM030843.D
Acq: 07 Jul 2021 06:04

Tgt Ion:178 Resp: 469399
Ion Ratio Lower Upper
178 100
179 15.4 12.1 18.1
176 18.9 15.4 23.0

Instrument :
BNA_M
ClientSampled :
BGDS3

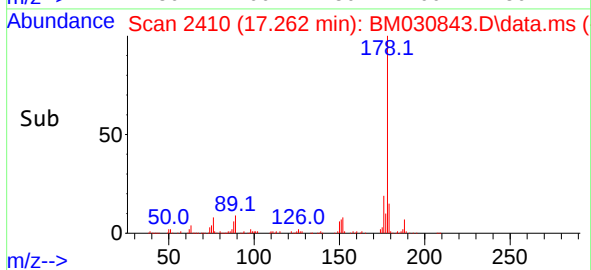
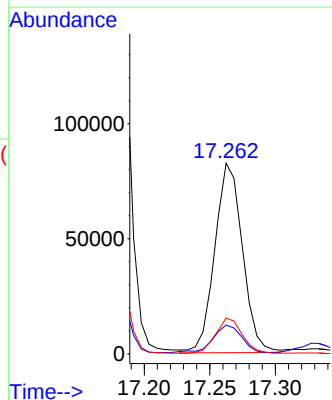
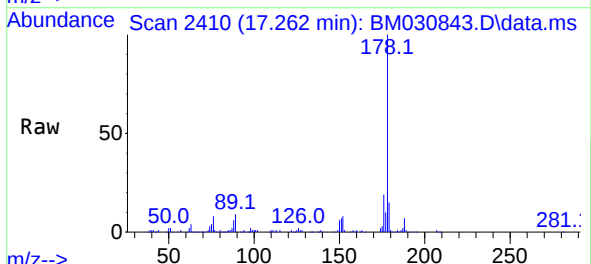
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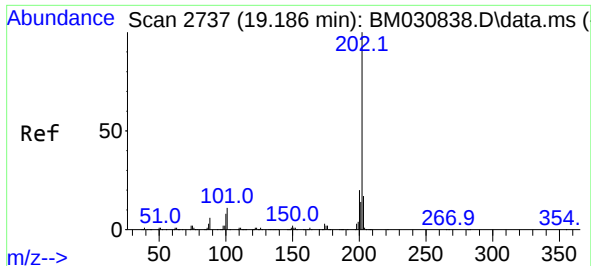
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#74
Anthracene
Concen: 3.545 ng/u1
RT: 17.262 min Scan# 2410
Delta R.T. -0.006 min
Lab File: BM030843.D
Acq: 07 Jul 2021 06:04

Tgt Ion:178 Resp: 120890
Ion Ratio Lower Upper
178 100
179 15.2 12.1 18.1
176 18.8 14.7 22.1





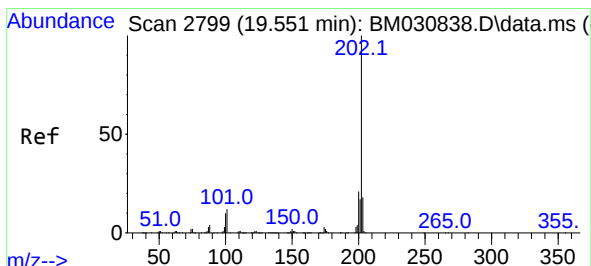
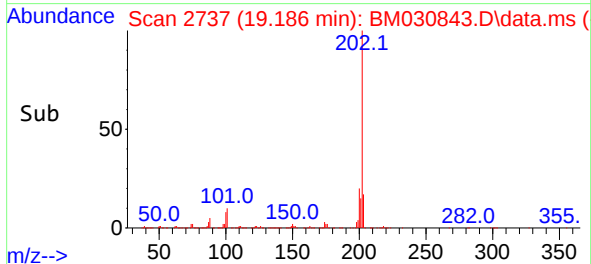
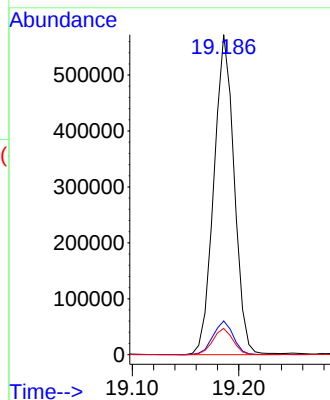
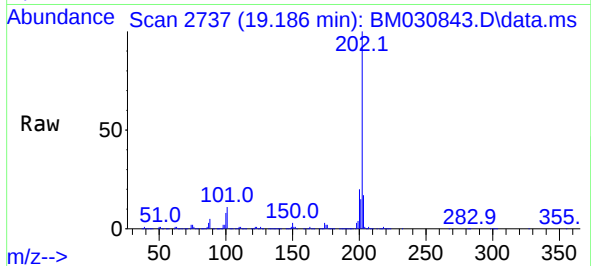
#80
Fluoranthene
Concen: 23.402 ng/u1
RT: 19.186 min Scan# 2737
Delta R.T. 0.000 min
Lab File: BM030843.D
Acq: 07 Jul 2021 06:04

Tgt Ion:202 Resp: 756306
Ion Ratio Lower Upper
202 100
101 10.5 8.8 13.2
100 8.2 6.7 10.1

Instrument :
BNA_M
ClientSampled :
BGDS3

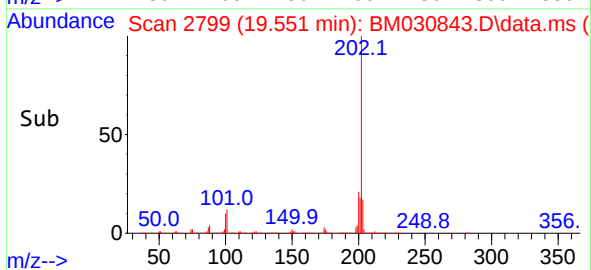
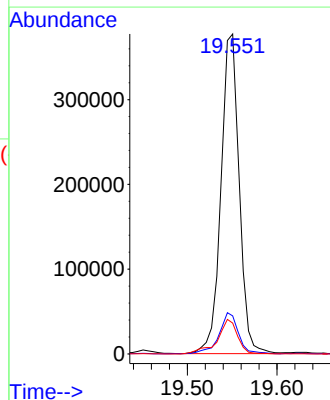
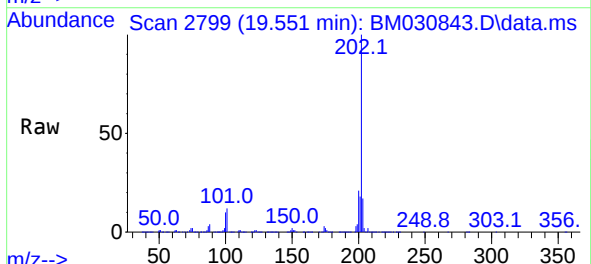
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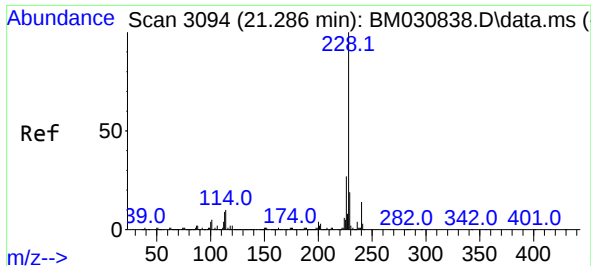
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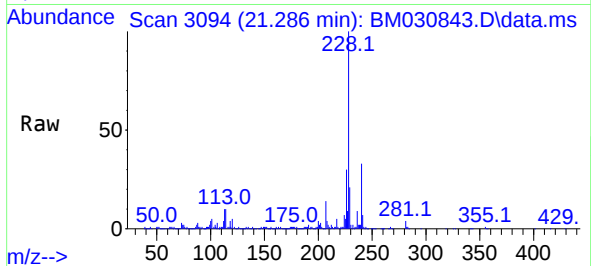
#82
Pyrene
Concen: 15.885 ng/u1
RT: 19.551 min Scan# 2799
Delta R.T. 0.000 min
Lab File: BM030843.D
Acq: 07 Jul 2021 06:04

Tgt Ion:202 Resp: 532060
Ion Ratio Lower Upper
202 100
101 11.9 9.8 14.6
100 9.7 8.0 12.0

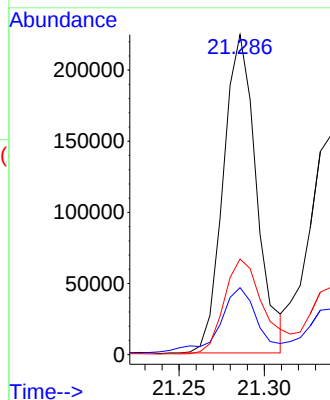
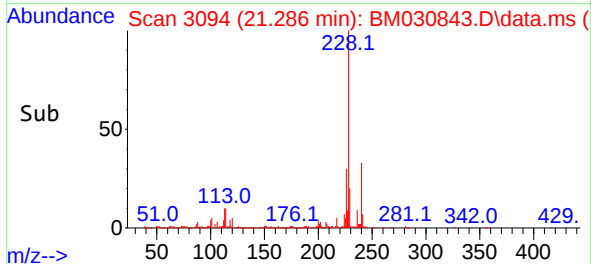




#85
Benzo(a)anthracene
Concen: 10.223 ng/u1
RT: 21.286 min Scan# 3094
Delta R.T. -0.006 min
Lab File: BM030843.D
Acq: 07 Jul 2021 06:04



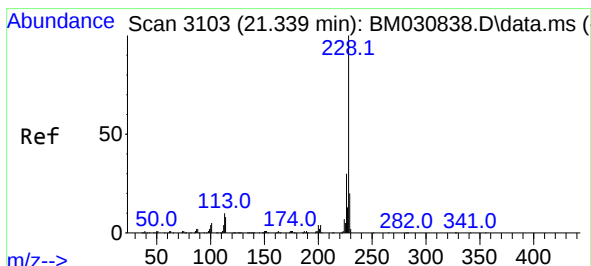
Tgt Ion:228 Resp: 303766
Ion Ratio Lower Upper
228 100
229 20.9 15.4 23.2
226 29.9 21.8 32.8



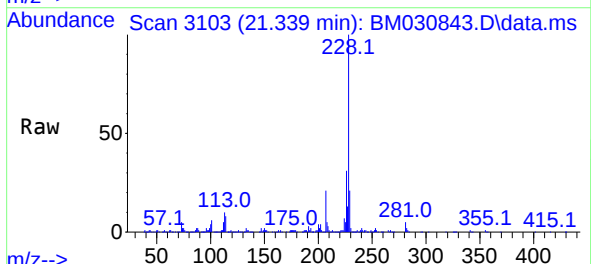
Instrument :
BNA_M
ClientSampled :
BGDS3

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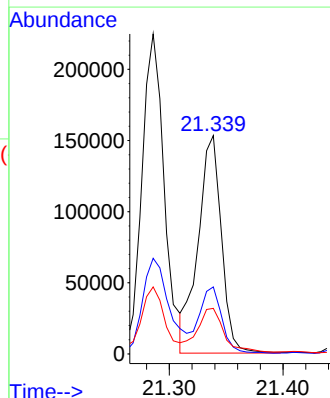
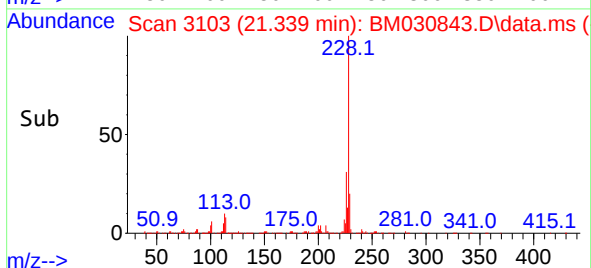
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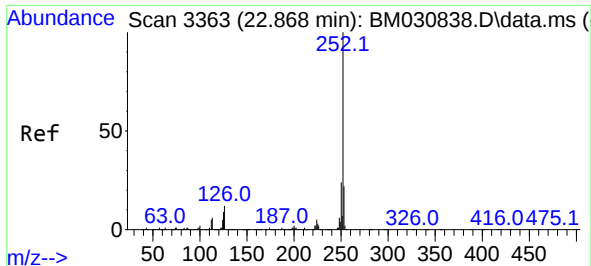


#87
Chrysene
Concen: 7.509 ng/u1
RT: 21.339 min Scan# 3103
Delta R.T. -0.006 min
Lab File: BM030843.D
Acq: 07 Jul 2021 06:04



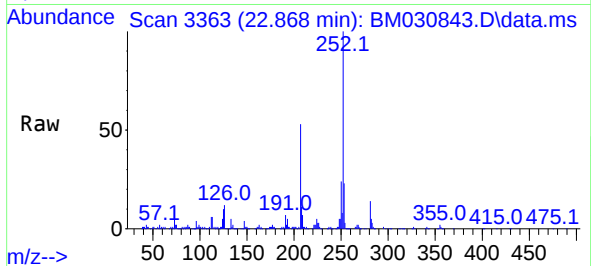
Tgt Ion:228 Resp: 219513
Ion Ratio Lower Upper
228 100
226 30.7 24.5 36.7
229 20.9 15.5 23.3





#90
Benzo(b)fluoranthene
Concen: 8.559 ng/ul
RT: 22.868 min Scan# 3363
Delta R.T. -0.006 min
Lab File: BM030843.D
Acq: 07 Jul 2021 06:04

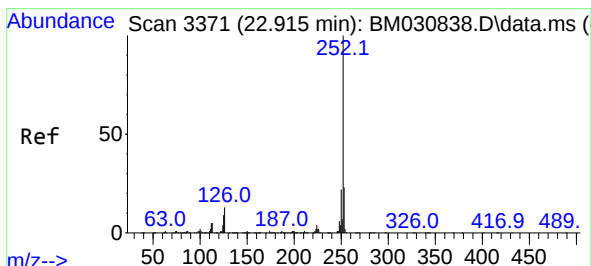
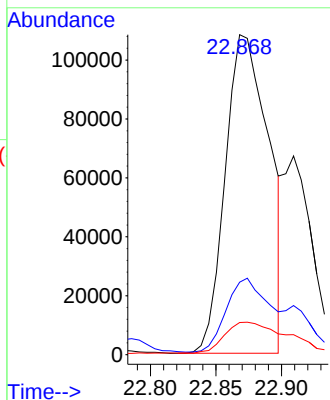
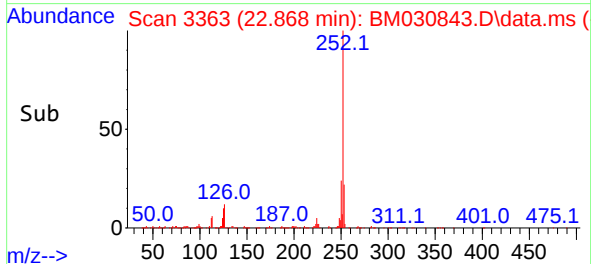
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BNA_M
ClientSampled :
BGDS3



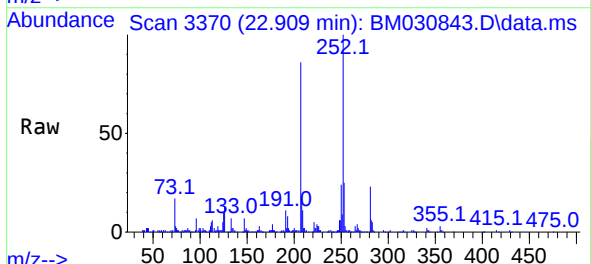
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Ion Ratio Lower Upper
252 100
253 22.7 17.4 26.0
125 10.0 7.7 11.5

Manual Integrations
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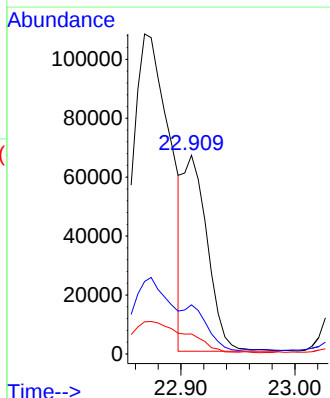
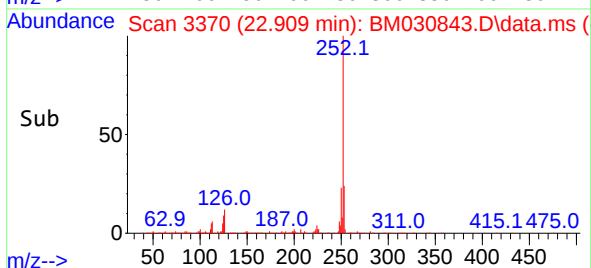
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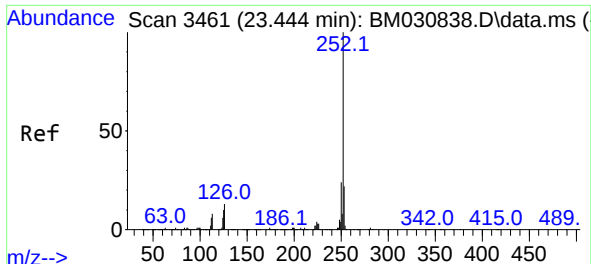


#91
Benzo(k)fluoranthene
Concen: 3.483 ng/ul m
RT: 22.909 min Scan# 3370
Delta R.T. -0.012 min
Lab File: BM030843.D
Acq: 07 Jul 2021 06:04



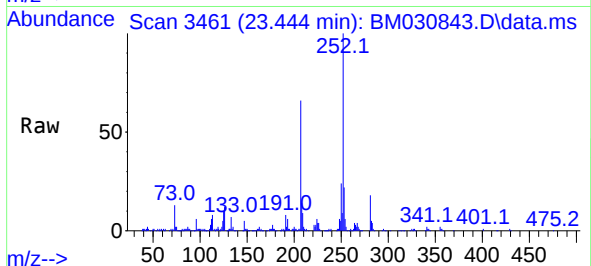
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Ion Ratio Lower Upper
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125 10.1 7.4 11.0





#93
Benzo(a)pyrene
Concen: 6.282 ng/ul
RT: 23.444 min Scan# 3461
Delta R.T. -0.012 min
Lab File: BM030843.D
Acq: 07 Jul 2021 06:04

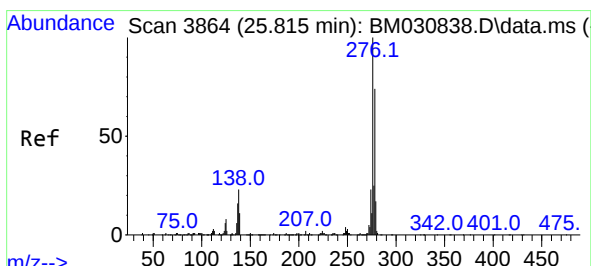
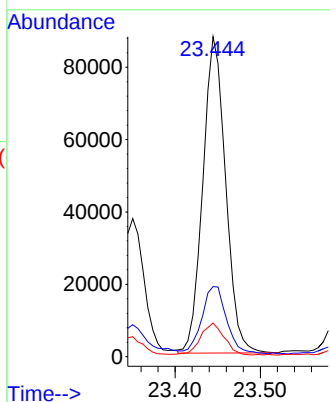
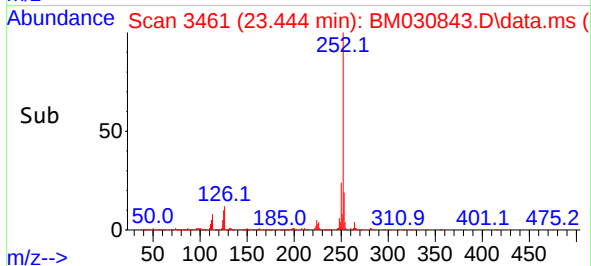
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ClientSampleId :
BGDS3



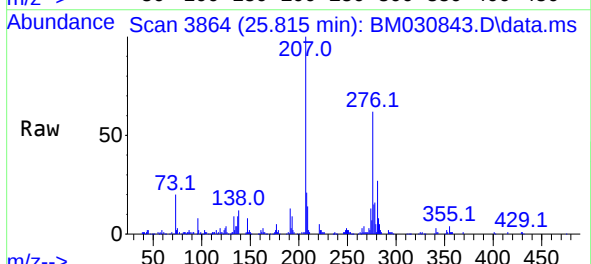
Tgt Ion:252 Resp: 162377
Ion Ratio Lower Upper
252 100
253 21.9 16.7 25.1
125 10.5 8.5 12.7

Manual Integrations
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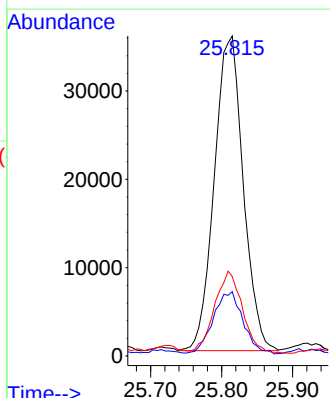
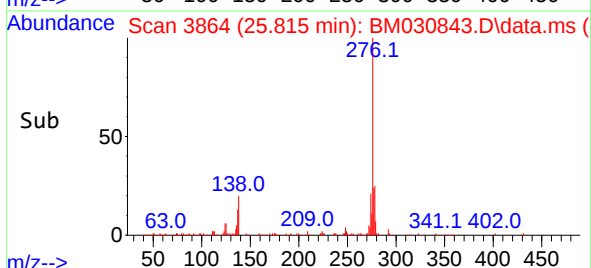
mohammad
7/7/2021 6:13:02 PM

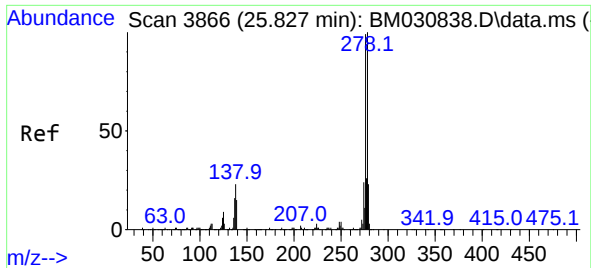


#94
Indeno(1,2,3-cd)pyrene
Concen: 3.137 ng/ul
RT: 25.815 min Scan# 3864
Delta R.T. -0.012 min
Lab File: BM030843.D
Acq: 07 Jul 2021 06:04



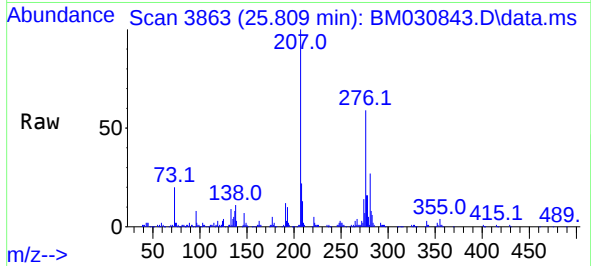
Tgt Ion:276 Resp: 100836
Ion Ratio Lower Upper
276 100
138 20.1 18.1 27.1
277 24.8 20.3 30.5





#95
 Dibenzo(a,h)anthracene
 Concen: 1.135 ng/ul
 RT: 25.809 min Scan# 3863
 Delta R.T. -0.029 min
 Lab File: BM030843.D
 Acq: 07 Jul 2021 06:04

Instrument :
 BNA_M
 ClientSampleId :
 BGDS3



Tgt Ion:278 Resp: 30585
 Ion Ratio Lower Upper
 278 100
 139 15.7 12.4 18.6
 279 30.9 19.0 28.6#

Manual Integrations
 APPROVED

mohammad
 7/7/2021 6:13:02 PM

