

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM063021\
 Data File : BM030783.D
 Acq On : 02 Jul 2021 20:31
 Operator : CG/JU
 Sample : M2869-05
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BGDx8

Manual Integrations
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 7/6/2021 9:25:01 AM

Quant Time: Jul 02 22:59:42 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM062221.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jul 02 18:01:37 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.769	152	87143	20.00	ng/ul	0.00
20) Naphthalene-d8	10.551	136	363184	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.398	164	226282	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.139	188	438080	20.00	ng/ul	0.00
79) Chrysene-d12	21.303	240	367278	20.00	ng/ul	0.00
88) Perylene-d12	23.550	264	391810	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.263	96	4930	2.29	ng/uL	0.00
4) Pyridine-d5	3.722	84	12018m	2.08	ng/ul	0.05
7) Phenol-d5	6.940	99	86230	11.47	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.104	67	58520	12.39	ng/ul	0.00
11) 2-Chlorophenol-d4	7.304	132	73146	12.61	ng/ul	0.00
15) 4-Methylphenol-d8	8.469	113	70842	12.11	ng/ul	0.00
21) Nitrobenzene-d5	8.928	128	31484	11.62	ng/ul	0.00
24) 2-Nitrophenol-d4	9.645	143	32741	10.87	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.181	165	65882	11.42	ng/ul	0.00
31) 4-Chloroaniline-d4	10.698	131	74917	9.31	ng/ul	0.00
46) Dimethylphthalate-d6	13.810	166	221859	14.20	ng/ul	0.00
49) Acenaphthylene-d8	14.092	160	265877	13.11	ng/ul	0.00
54) 4-Nitrophenol-d4	14.621	143	14505	4.90	ng/ul	0.02
60) Fluorene-d10	15.392	176	198765	14.34	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.521	200	14430	5.03	ng/ul	0.00
73) Anthracene-d10	17.239	188	286006	13.99	ng/ul	0.00
81) Pyrene-d10	19.521	212	265686	13.81	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.409	264	208920	10.26	ng/ul	0.00
Target Compounds						
					Qvalue	
30) Naphthalene	10.604	128	37513	2.04	ng/ul	98
47) Dimethylphthalate	13.857	163	79944	5.22	ng/ul	100
52) Acenaphthene	14.463	153	34744	2.54	ng/ul	98
61) Fluorene	15.445	166	25347	1.62	ng/ul	99
72) Phenanthrene	17.180	178	344630	14.65	ng/ul	99
74) Anthracene	17.274	178	123970	5.15	ng/ul	99
80) Fluoranthene	19.192	202	622663	26.49	ng/ul	97
82) Pyrene	19.551	202	415978	16.84	ng/ul	98
85) Benzo(a)anthracene	21.292	228	304371	13.35	ng/ul	97
87) Chrysene	21.345	228	235199	10.59	ng/ul	98
90) Benzo(b)fluoranthene	22.880	252	319921	12.86	ng/ul	100
91) Benzo(k)fluoranthene	22.921	252	103224m	4.32	ng/ul	
93) Benzo(a)pyrene	23.456	252	154384	6.90	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	25.821	276	113127	4.02	ng/ul	95
95) Dibenzo(a,h)anthracene	25.821	278	39946	1.71	ng/ul	94

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

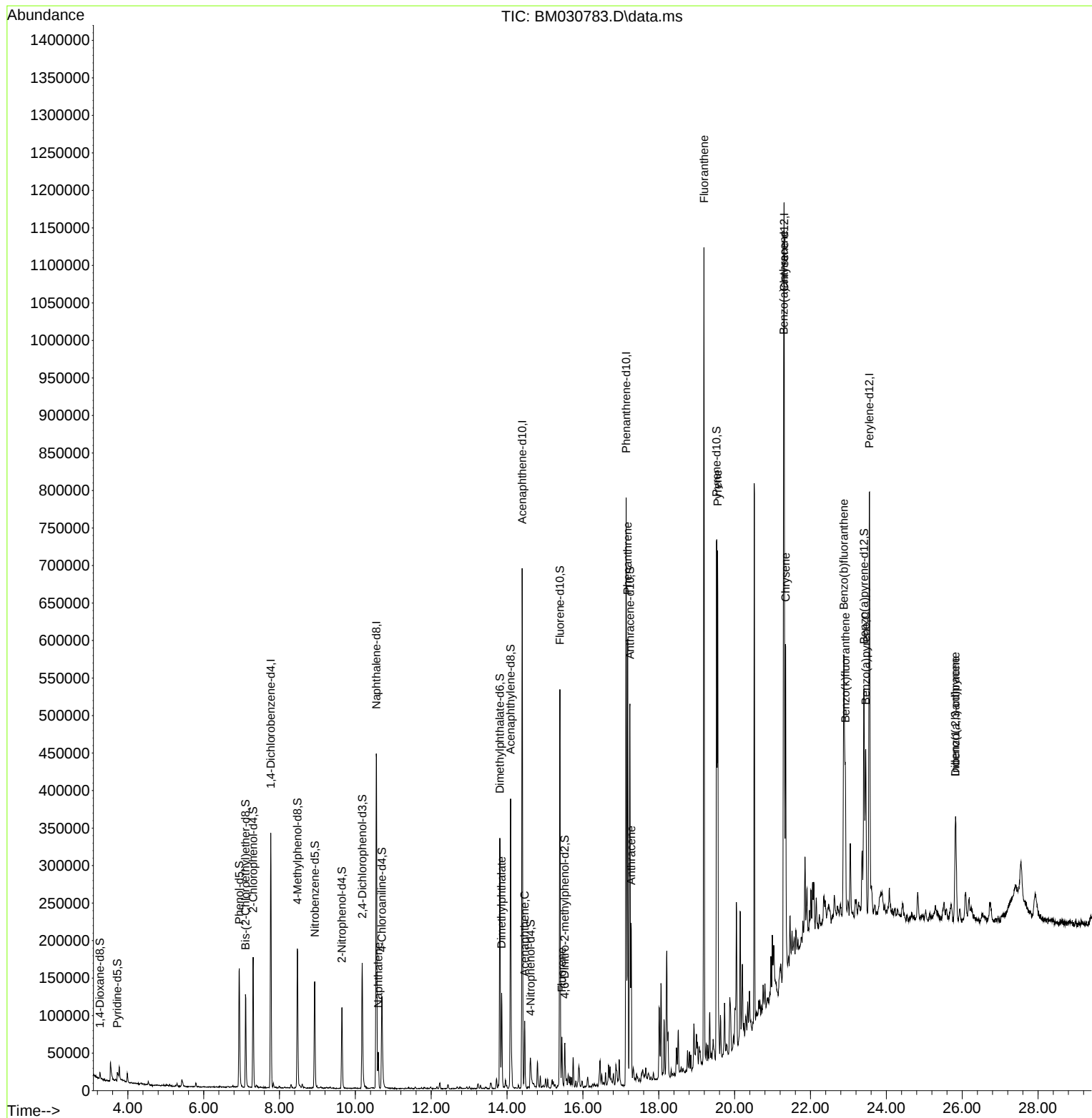
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Data File : BM030783.D
Acq On : 02 Jul 2021 20:31
Operator : CG/JU
Sample : M2869-05
Misc :
ALS Vial : 6 Sample Multiplier: 1

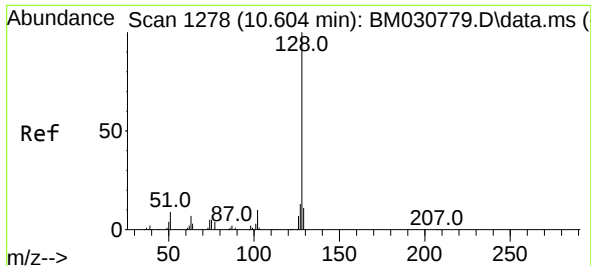
Instrument :
BNA_M
ClientSampleId :
BGDX8

Quant Time: Jul 02 22:59:42 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM062221.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jul 02 18:01:37 2021
Response via : Initial Calibration

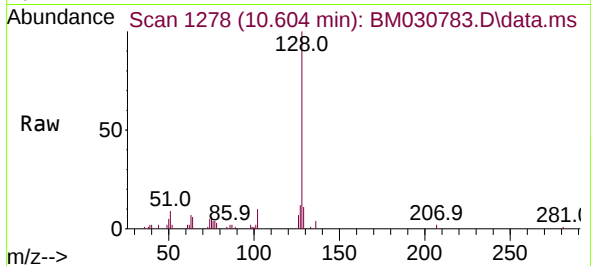
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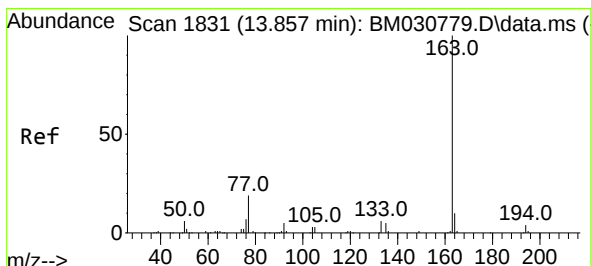
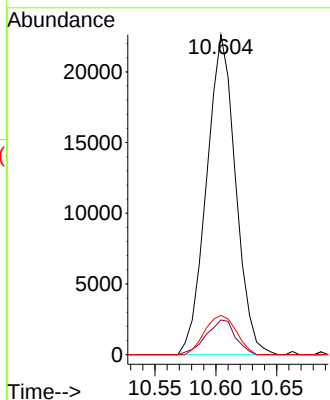
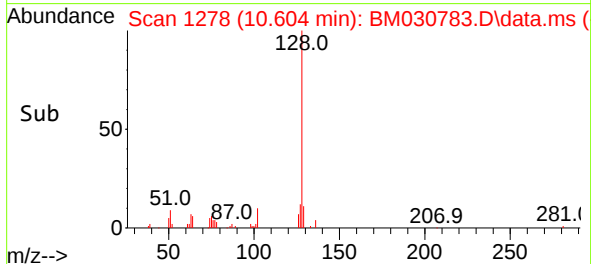




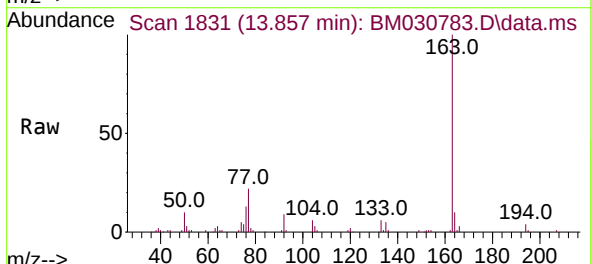
#30
Naphthalene
Concen: 2.04 ng/ul
RT: 10.604 min Scan# 1278
Delta R.T. 0.000 min
Lab File: BM030783.D
Acq: 02 Jul 2021 20:31



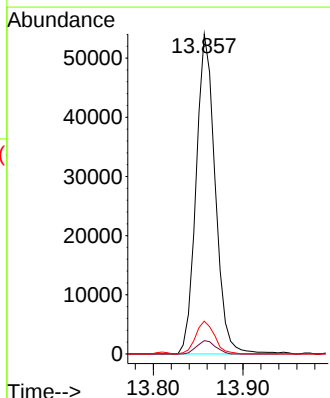
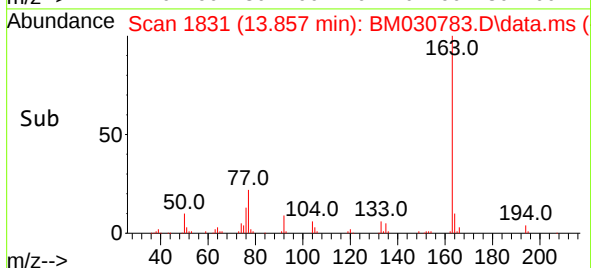
Tgt Ion:128 Resp: 37513
Ion Ratio Lower Upper
128 100
129 10.9 9.0 13.4
127 12.3 10.6 15.8



#47
Dimethylphthalate
Concen: 5.22 ng/ul
RT: 13.857 min Scan# 1831
Delta R.T. 0.000 min
Lab File: BM030783.D
Acq: 02 Jul 2021 20:31



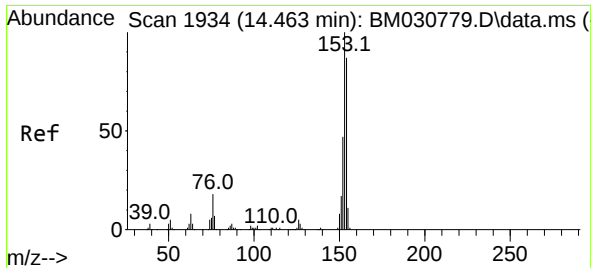
Tgt Ion:163 Resp: 79944
Ion Ratio Lower Upper
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194 4.2 3.2 4.8
164 10.2 8.2 12.4



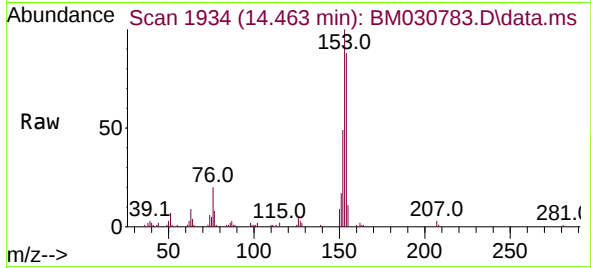
Instrument :
BNA_M
ClientSampleId :
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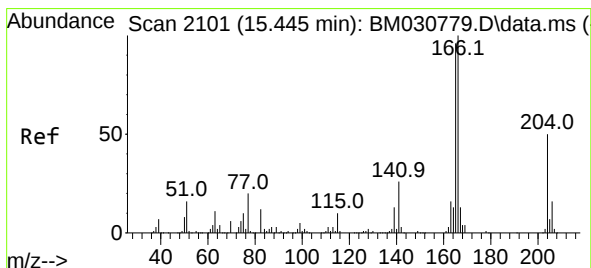
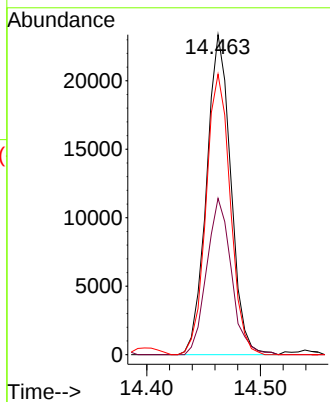
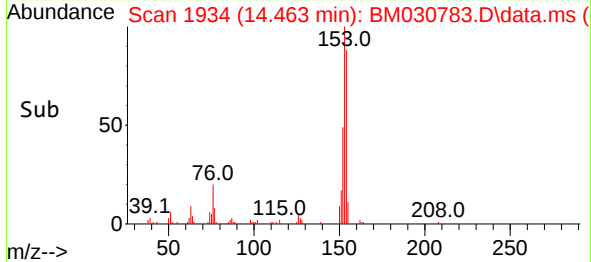
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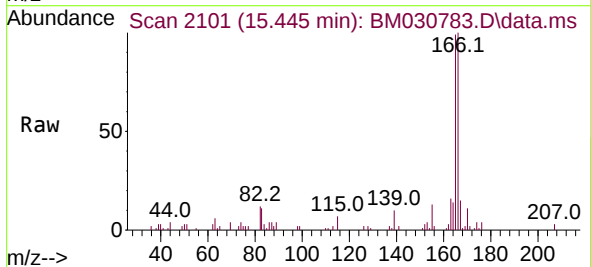
#52
Acenaphthene
Concen: 2.54 ng/ul
RT: 14.463 min Scan# 1934
Delta R.T. 0.000 min
Lab File: BM030783.D
Acq: 02 Jul 2021 20:31



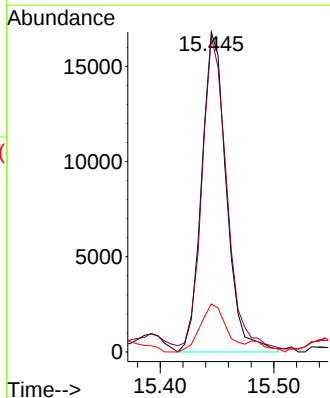
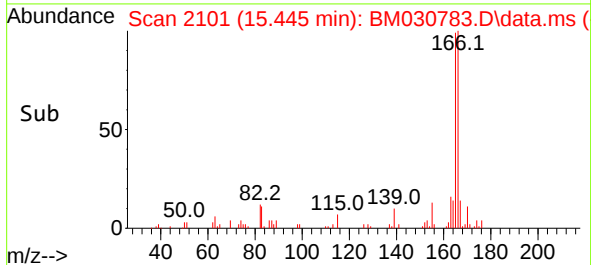
Tgt Ion:153 Resp: 34744
Ion Ratio Lower Upper
153 100
152 48.9 37.4 56.2
154 87.7 69.4 104.0



#61
Fluorene
Concen: 1.62 ng/ul
RT: 15.445 min Scan# 2101
Delta R.T. 0.000 min
Lab File: BM030783.D
Acq: 02 Jul 2021 20:31



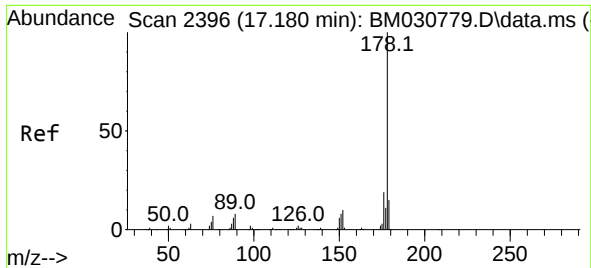
Tgt Ion:166 Resp: 25347
Ion Ratio Lower Upper
166 100
165 98.6 78.4 117.6
167 15.0 10.6 15.8



Instrument :
BNA_M
ClientSampled :
BGDX8

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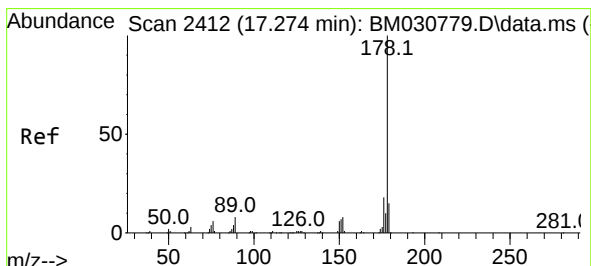
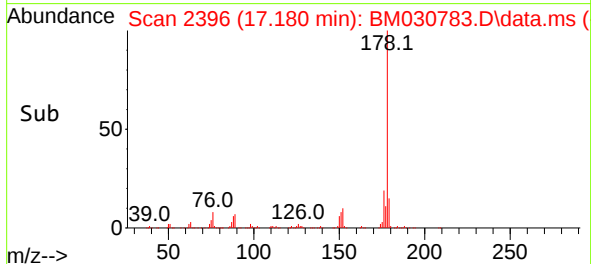
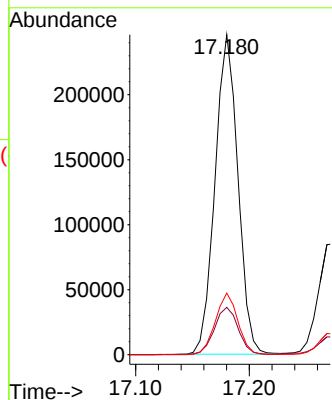
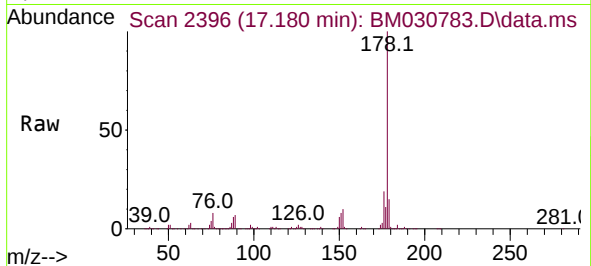
#72
Phenanthrene
Concen: 14.65 ng/ul
RT: 17.180 min Scan# 2396
Delta R.T. 0.000 min
Lab File: BM030783.D
Acq: 02 Jul 2021 20:31

Tgt Ion:178 Resp: 344630
Ion Ratio Lower Upper
178 100
179 14.8 12.1 18.1
176 19.2 15.2 22.8

Instrument :
BNA_M
ClientSampled :
BGDX8

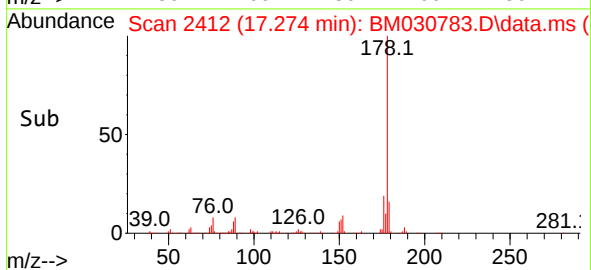
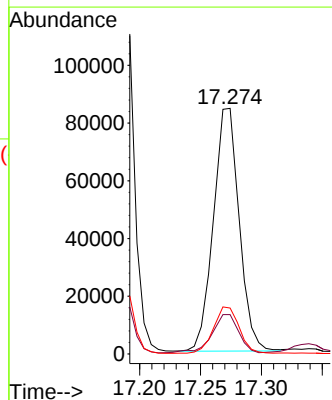
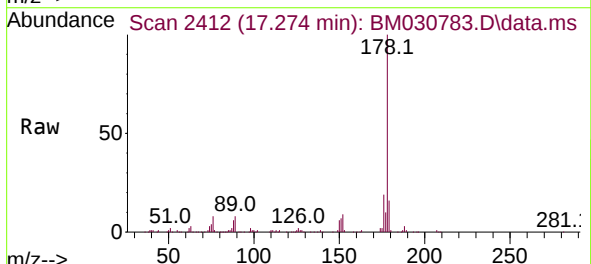
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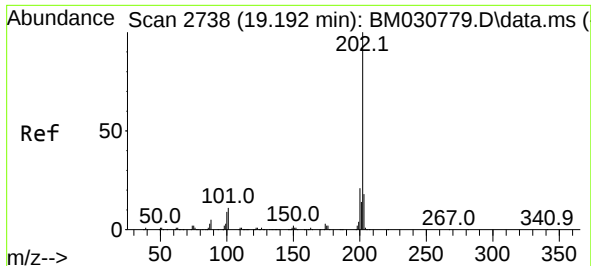
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#74
Anthracene
Concen: 5.15 ng/ul
RT: 17.274 min Scan# 2412
Delta R.T. 0.000 min
Lab File: BM030783.D
Acq: 02 Jul 2021 20:31

Tgt Ion:178 Resp: 123970
Ion Ratio Lower Upper
178 100
179 16.1 12.1 18.1
176 18.7 15.2 22.8





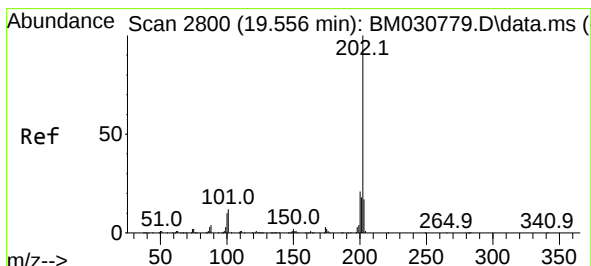
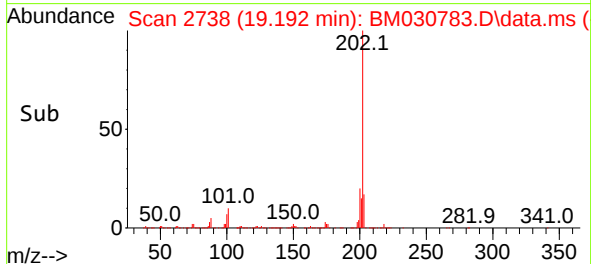
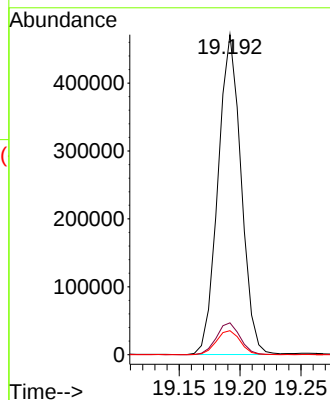
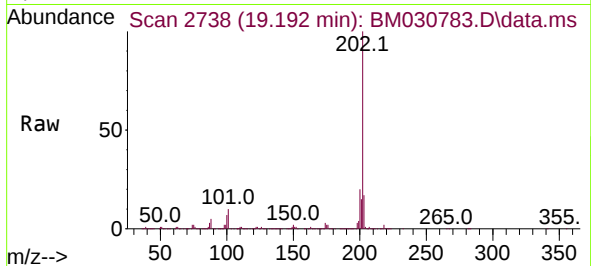
#80
Fluoranthene
Concen: 26.49 ng/ul
RT: 19.192 min Scan# 2738
Delta R.T. 0.000 min
Lab File: BM030783.D
Acq: 02 Jul 2021 20:31

Tgt Ion:202 Resp: 622663
Ion Ratio Lower Upper
202 100
101 10.0 8.8 13.2
100 7.5 6.8 10.2

Instrument :
BNA_M
ClientSampled :
BGDX8

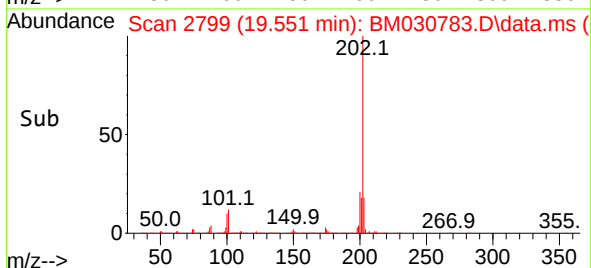
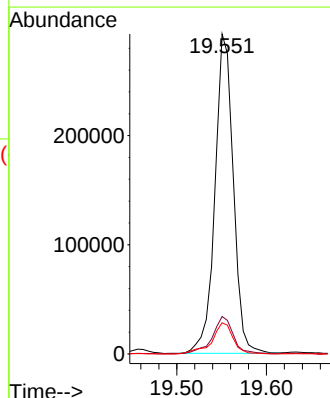
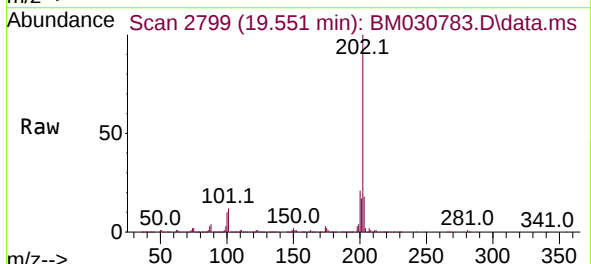
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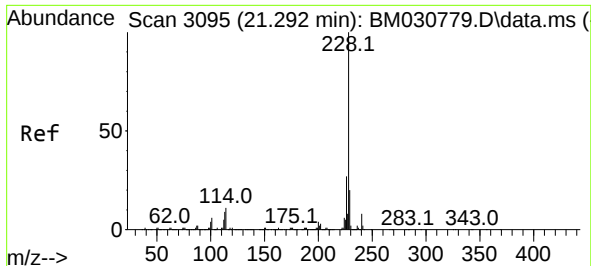
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#82
Pyrene
Concen: 16.84 ng/ul
RT: 19.551 min Scan# 2799
Delta R.T. -0.006 min
Lab File: BM030783.D
Acq: 02 Jul 2021 20:31

Tgt Ion:202 Resp: 415978
Ion Ratio Lower Upper
202 100
101 11.7 10.0 15.0
100 9.8 8.5 12.7





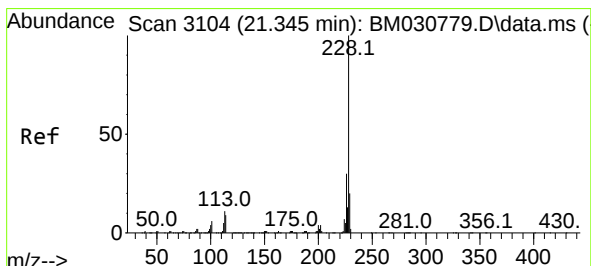
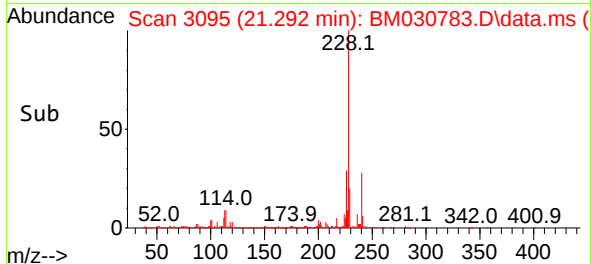
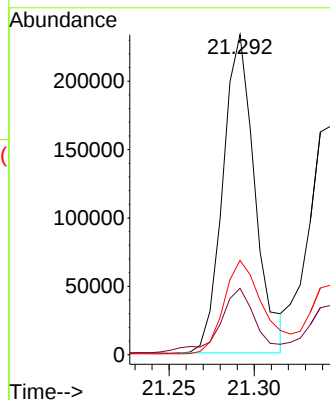
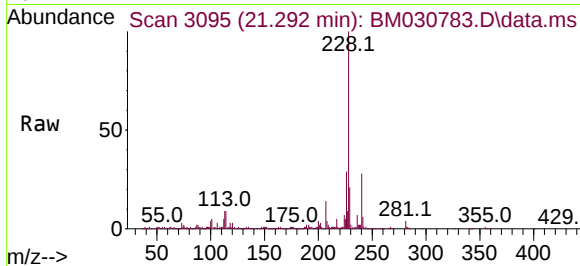
#85
Benzo(a)anthracene
Concen: 13.35 ng/ul
RT: 21.292 min Scan# 3095
Delta R.T. 0.000 min
Lab File: BM030783.D
Acq: 02 Jul 2021 20:31

Tgt Ion	Ratio	Lower	Upper
228	100		
229	20.7	16.0	24.0
226	29.5	22.2	33.2

Instrument :
BNA_M
ClientSampled :
BGDX8

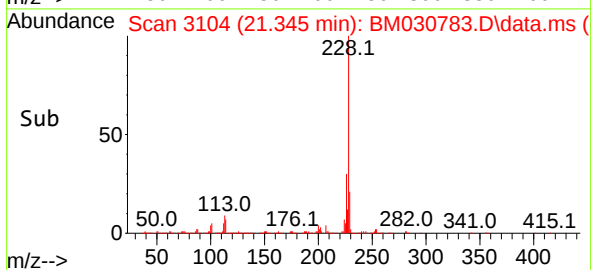
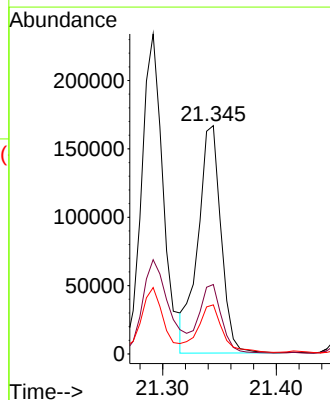
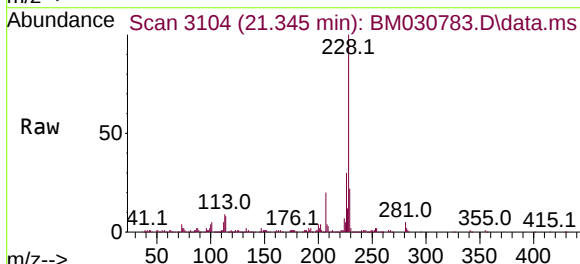
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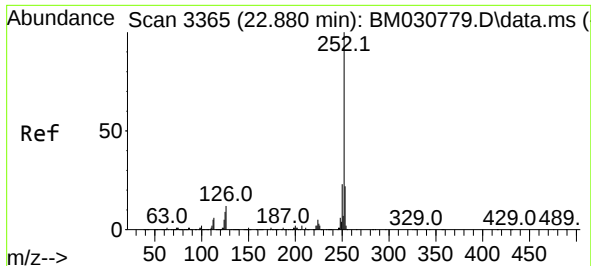
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#87
Chrysene
Concen: 10.59 ng/ul
RT: 21.345 min Scan# 3104
Delta R.T. 0.000 min
Lab File: BM030783.D
Acq: 02 Jul 2021 20:31

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.4	23.6	35.4
229	21.5	15.9	23.9





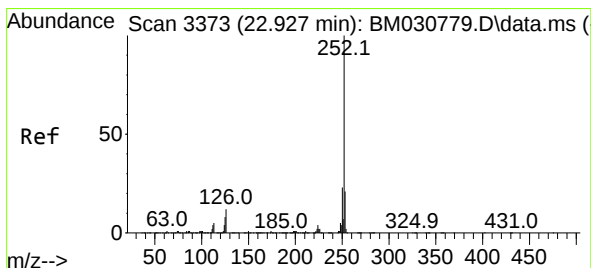
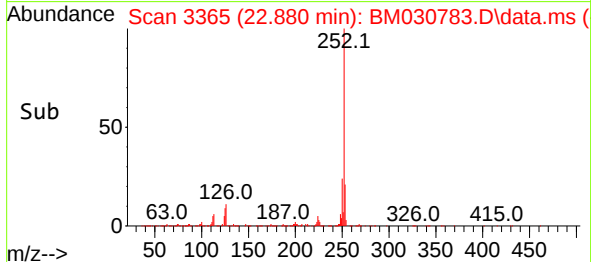
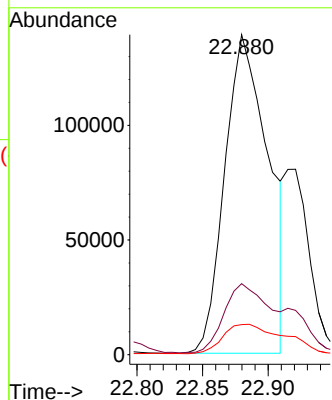
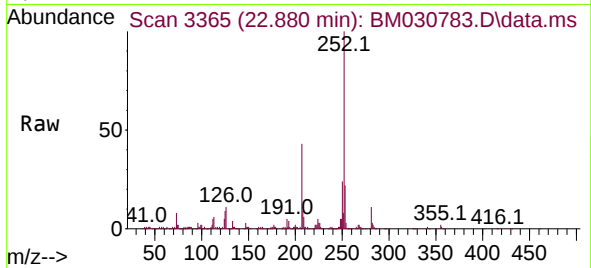
#90
Benzo(b)fluoranthene
Concen: 12.86 ng/ul
RT: 22.880 min Scan# 3365
Delta R.T. 0.000 min
Lab File: BM030783.D
Acq: 02 Jul 2021 20:31

Tgt Ion:252 Resp: 319921
Ion Ratio Lower Upper
252 100
253 22.2 17.8 26.6
125 9.4 7.7 11.5

Instrument :
BNA_M
ClientSampled :
BGDX8

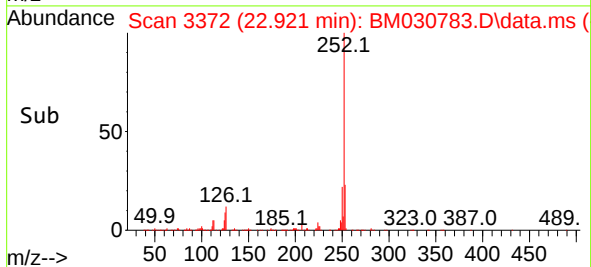
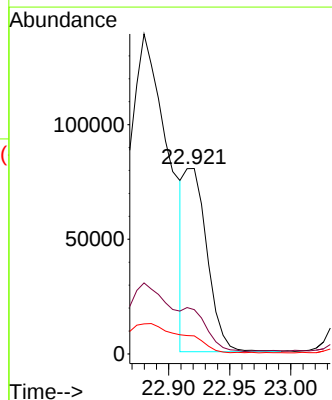
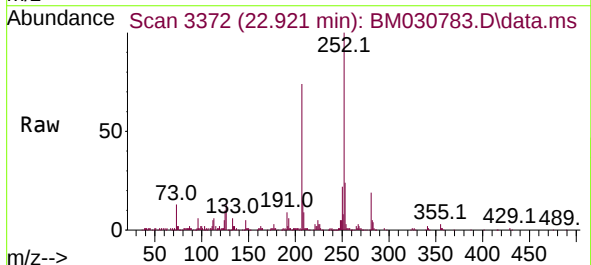
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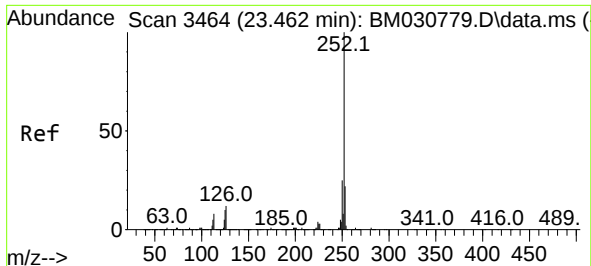
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#91
Benzo(k)fluoranthene
Concen: 4.32 ng/ul m
RT: 22.921 min Scan# 3372
Delta R.T. -0.006 min
Lab File: BM030783.D
Acq: 02 Jul 2021 20:31

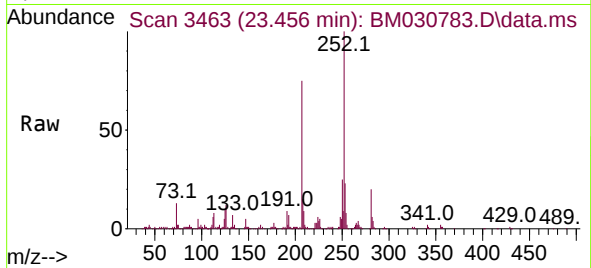
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Ion Ratio Lower Upper
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253 23.9 17.4 26.2
125 9.7 7.9 11.9





#93
Benzo(a)pyrene
Concen: 6.90 ng/ul
RT: 23.456 min Scan# 3463
Delta R.T. -0.006 min
Lab File: BM030783.D
Acq: 02 Jul 2021 20:31

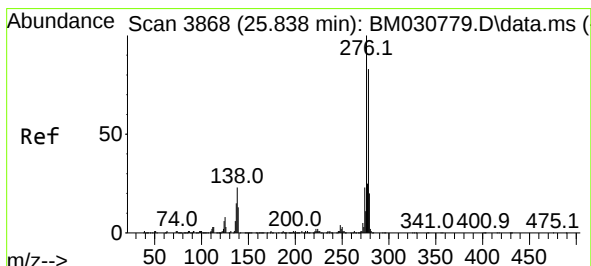
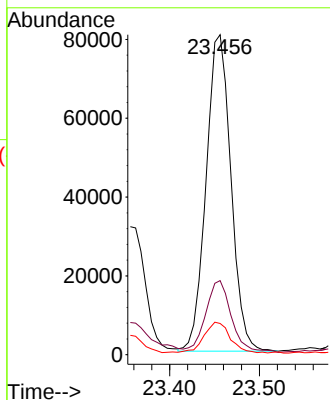
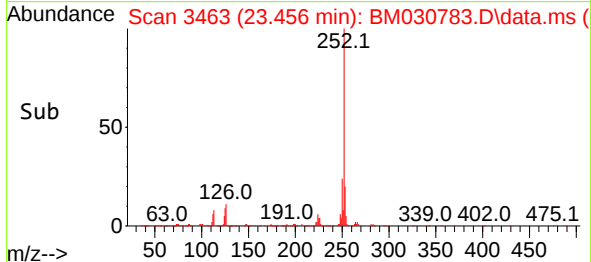
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BNA_M
ClientSampled :
BGDX8



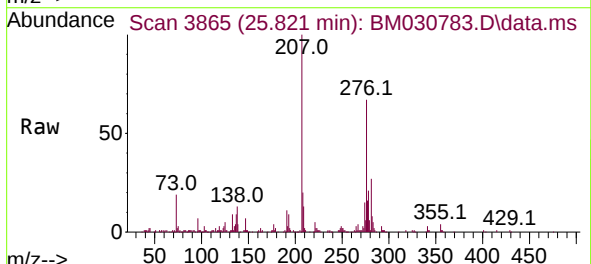
Tgt Ion:252 Resp: 154384
Ion Ratio Lower Upper
252 100
253 23.1 17.5 26.3
125 9.8 8.6 13.0

Manual Integrations
APPROVED

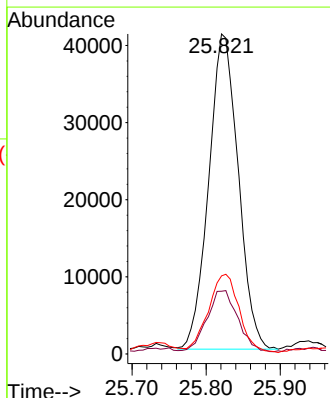
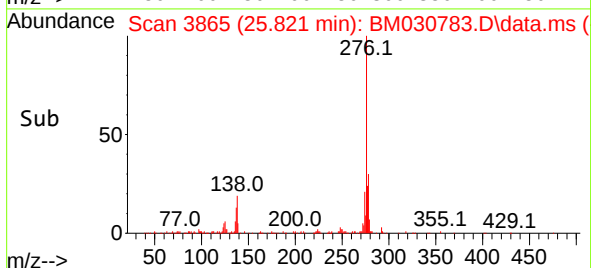
mohammad
7/6/2021 9:25:01 AM

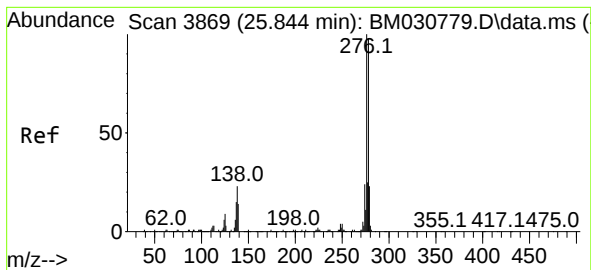


#94
Indeno(1,2,3-cd)pyrene
Concen: 4.02 ng/ul
RT: 25.821 min Scan# 3865
Delta R.T. -0.018 min
Lab File: BM030783.D
Acq: 02 Jul 2021 20:31



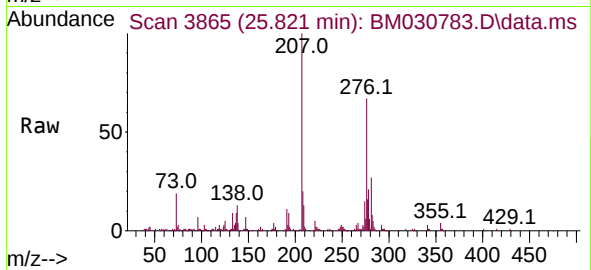
Tgt Ion:276 Resp: 113127
Ion Ratio Lower Upper
276 100
138 19.6 19.5 29.3
277 24.4 19.6 29.4





#95
 Dibenzo(a,h)anthracene
 Concen: 1.71 ng/ul
 RT: 25.821 min Scan# 3865
 Delta R.T. -0.023 min
 Lab File: BM030783.D
 Acq: 02 Jul 2021 20:31

Instrument :
 BNA_M
 ClientSampleId :
 BGDx8



Tgt Ion: 278 Resp: 39946

Ion	Ratio	Lower	Upper
278	100		
139	18.3	12.8	19.2
279	27.4	19.1	28.7

Manual Integrations
 APPROVED

mohammad
 7/6/2021 9:25:01 AM

