

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM063021\
 Data File : BM030758.D
 Acq On : 02 Jul 2021 00:48
 Operator : CG/JU
 Sample : M2808-19DL 5X
 Misc :
 ALS Vial : 61 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BGD3DL

Manual Integrations
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Quant Time: Jul 02 02:36:19 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM062221.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jul 01 05:56:56 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.775	152	97826	20.000	ng/u1	0.00
20) Naphthalene-d8	10.557	136	371552	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.404	164	206761	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.139	188	413331	20.000	ng/u1	0.00
79) Chrysene-d12	21.309	240	482753	20.000	ng/u1	0.00
88) Perylene-d12	23.556	264	557773	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.269	96	1072m	0.444	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/u1	
7) Phenol-d5	6.946	99	12380	1.467	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.116	67	9855	1.858	ng/u1	0.00
11) 2-Chlorophenol-d4	7.310	132	10966	1.684	ng/u1	0.00
15) 4-Methylphenol-d8	8.487	113	9429	1.436	ng/u1	0.00
21) Nitrobenzene-d5	8.928	128	4436	1.600	ng/u1	0.00
24) 2-Nitrophenol-d4	9.651	143	4064	1.319	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.198	165	7991	1.354	ng/u1	0.01
31) 4-Chloroaniline-d4	10.716	131	9843	1.196	ng/u1	0.01
46) Dimethylphthalate-d6	13.822	166	29700	2.080	ng/u1	0.00
49) Acenaphthylene-d8	14.092	160	32251	1.740	ng/u1	-0.01
54) 4-Nitrophenol-d4	14.639	143	1445m	0.534	ng/u1	0.03
60) Fluorene-d10	15.392	176	27851	2.200	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.533	200	982	0.363	ng/u1	0.00
73) Anthracene-d10	17.239	188	45036	2.335	ng/u1	0.00
81) Pyrene-d10	19.527	212	51236	2.025	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.409	264	53914	1.859	ng/u1	-0.02
Target Compounds						
					Qvalue	
30) Naphthalene	10.604	128	22393	1.190	ng/u1	98
50) Acenaphthylene	14.122	152	34484	2.006	ng/u1	98
52) Acenaphthene	14.469	153	21062	1.688	ng/u1	98
61) Fluorene	15.451	166	30307	2.115	ng/u1	100
72) Phenanthrene	17.180	178	487013	21.941	ng/u1	99
74) Anthracene	17.274	178	175262	7.722	ng/u1	99
80) Fluoranthene	19.192	202	1038732	33.623	ng/u1	100
82) Pyrene	19.556	202	727875	22.423	ng/u1	99
85) Benzo(a)anthracene	21.292	228	588962	19.659	ng/u1	98
87) Chrysene	21.345	228	452950	15.509	ng/u1	96
90) Benzo(b)fluoranthene	22.886	252	594570	16.790	ng/u1	99
91) Benzo(k)fluoranthene	22.921	252	225265m	6.619	ng/u1	
93) Benzo(a)pyrene	23.456	252	346695	10.888	ng/u1	98
94) Indeno(1,2,3-cd)pyrene	25.827	276	227800	5.683	ng/u1	94
95) Dibenzo(a,h)anthracene	25.827	278	73182	2.202	ng/u1#	77

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

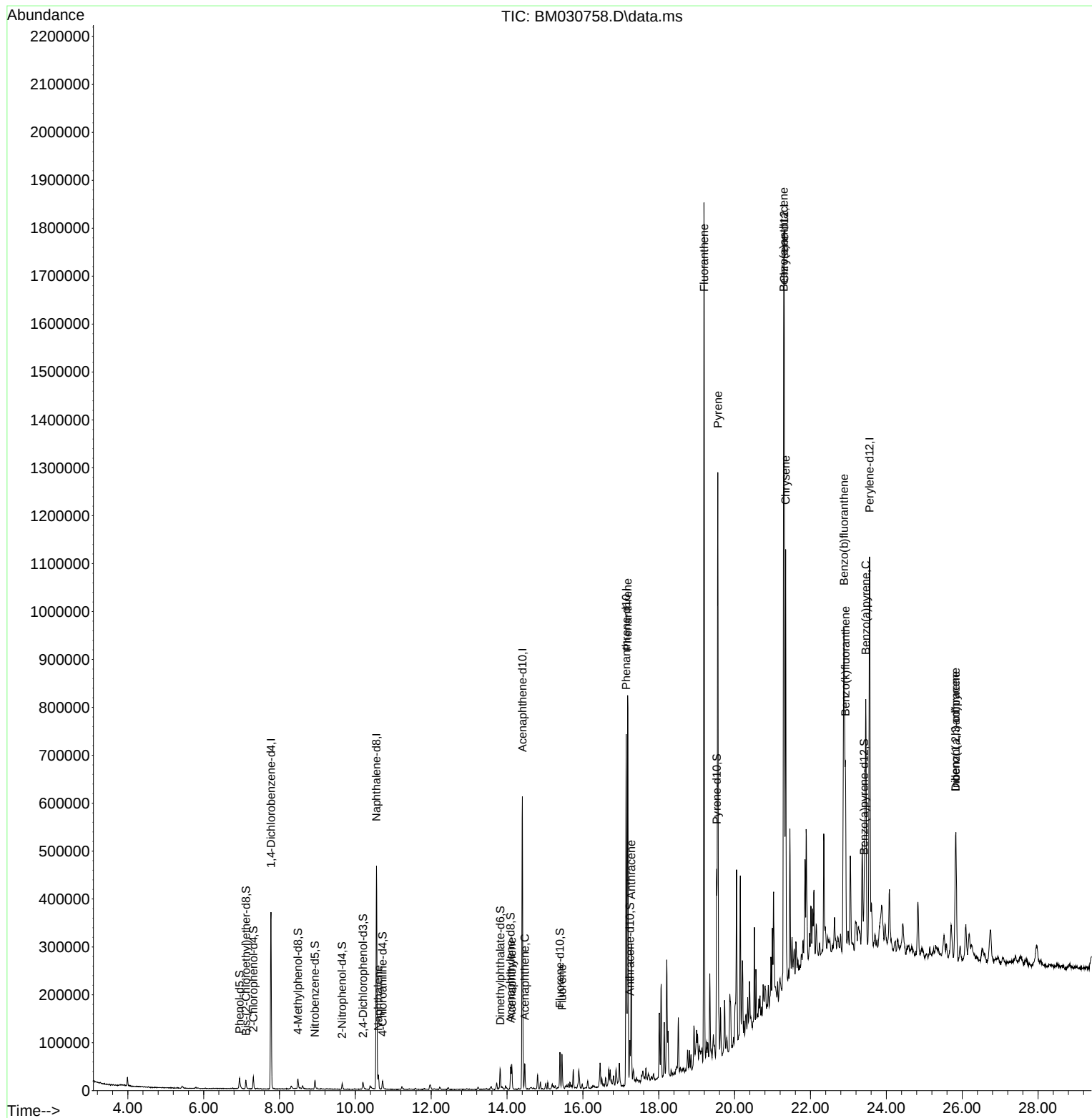
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM063021\
Data File : BM030758.D
Acq On : 02 Jul 2021 00:48
Operator : CG/JU
Sample : M2808-19DL 5X
Misc :
ALS Vial : 61 Sample Multiplier: 1

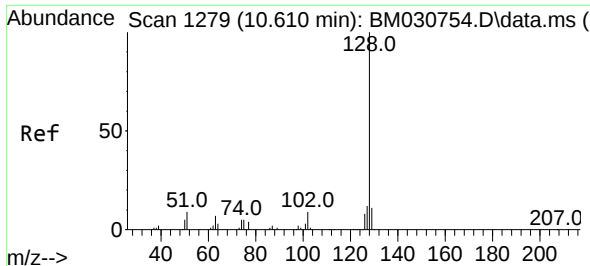
Instrument :
BNA_M
ClientSampleId :
BGDX3DL

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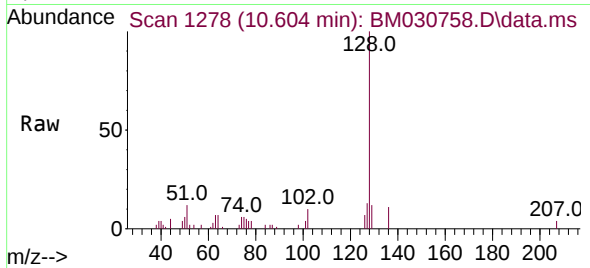
Quant Time: Jul 02 02:36:19 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM062221.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jul 01 05:56:56 2021
Response via : Initial Calibration





#30
Naphthalene
Concen: 1.190 ng/ul
RT: 10.604 min Scan# 1278
Delta R.T. -0.012 min
Lab File: BM030758.D
Acq: 02 Jul 2021 00:48

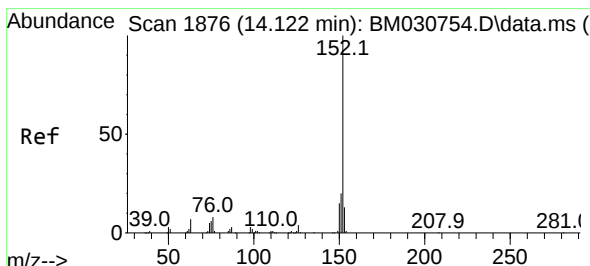
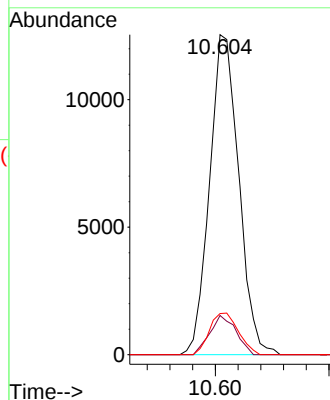
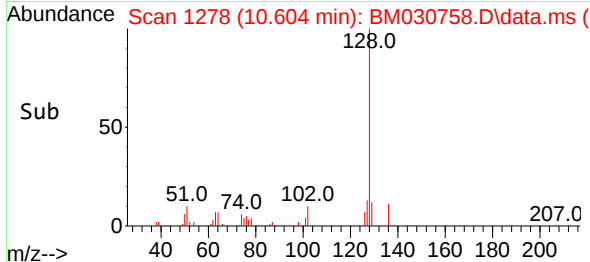
Instrument :
BNA_M
ClientSampleId :
BGDX3DL



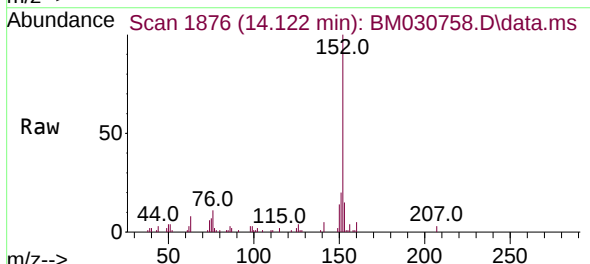
Tgt Ion	Ratio	Lower	Upper
128	100		
129	12.3	9.0	13.4
127	12.9	10.6	15.8

Manual Integrations
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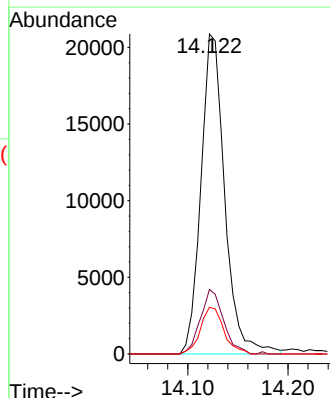
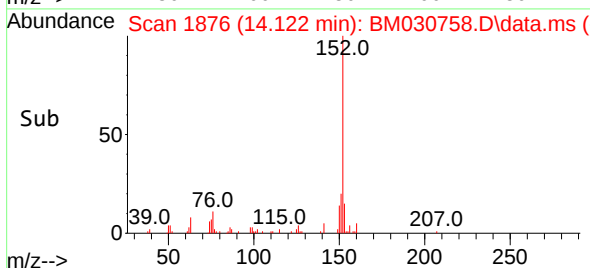
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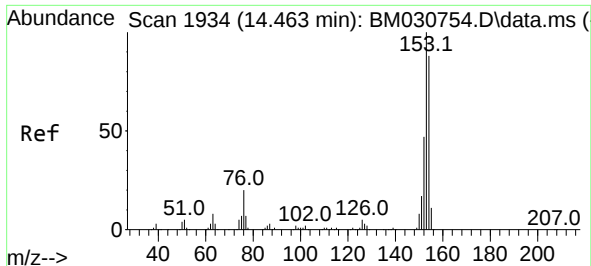


#50
Acenaphthylene
Concen: 2.006 ng/ul
RT: 14.122 min Scan# 1876
Delta R.T. -0.006 min
Lab File: BM030758.D
Acq: 02 Jul 2021 00:48



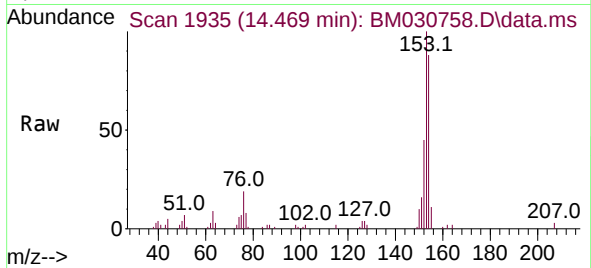
Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.1	16.2	24.2
153	14.6	10.2	15.4





#52
Acenaphthene
Concen: 1.688 ng/ul
RT: 14.469 min Scan# 1935
Delta R.T. -0.006 min
Lab File: BM030758.D
Acq: 02 Jul 2021 00:48

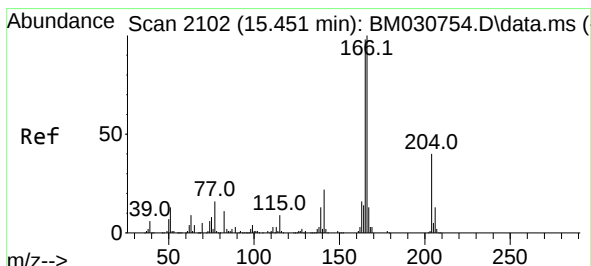
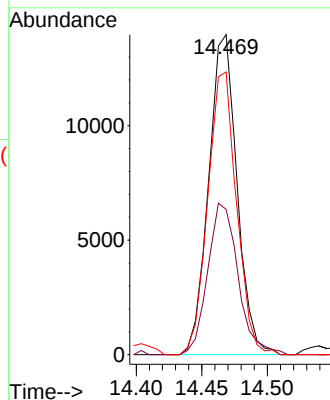
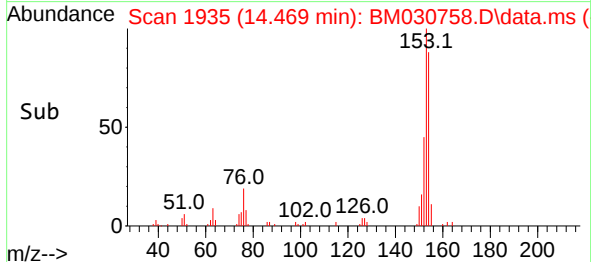
Instrument :
BNA_M
ClientSampleId :
BGDX3DL



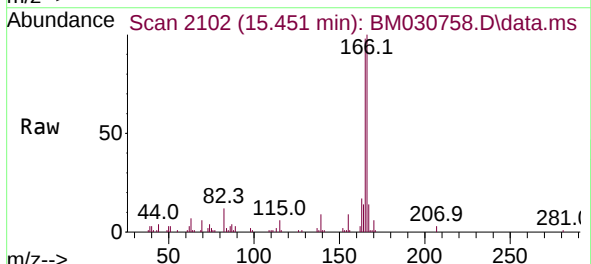
Tgt Ion:153 Resp: 21062
Ion Ratio Lower Upper
153 100
152 45.4 37.4 56.2
154 88.3 69.4 104.0

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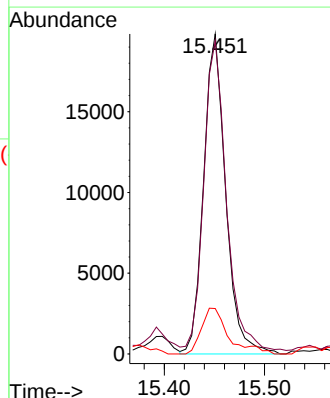
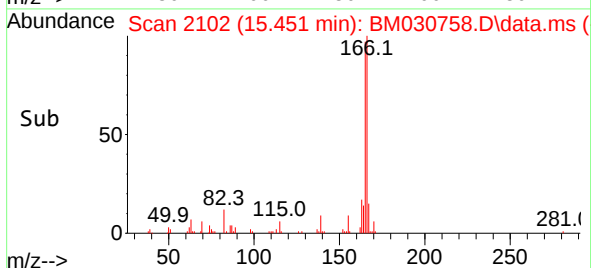
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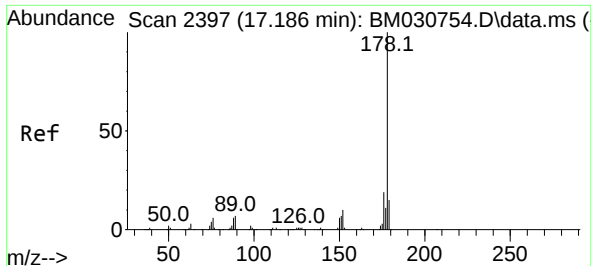


#61
Fluorene
Concen: 2.115 ng/ul
RT: 15.451 min Scan# 2102
Delta R.T. -0.006 min
Lab File: BM030758.D
Acq: 02 Jul 2021 00:48



Tgt Ion:166 Resp: 30307
Ion Ratio Lower Upper
166 100
165 97.9 78.4 117.6
167 14.2 10.6 15.8





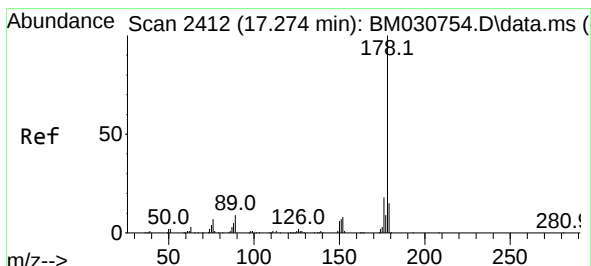
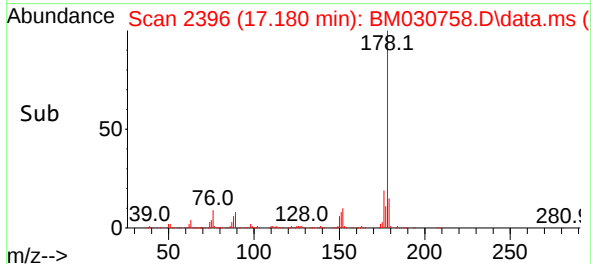
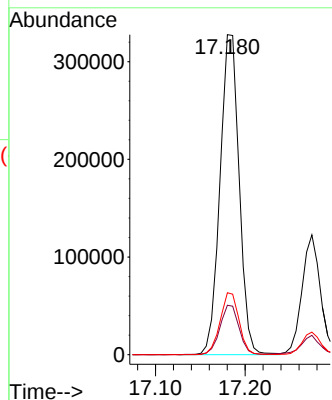
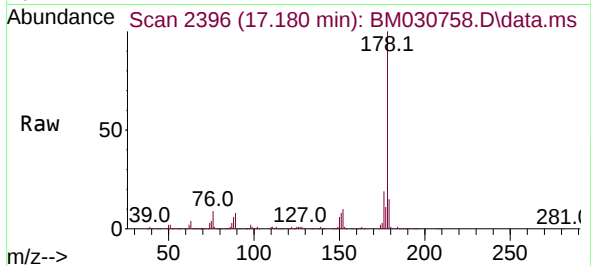
#72
Phenanthrene
Concen: 21.941 ng/ul
RT: 17.180 min Scan# 2396
Delta R.T. -0.012 min
Lab File: BM030758.D
Acq: 02 Jul 2021 00:48

Tgt Ion:178 Resp: 487013
Ion Ratio Lower Upper
178 100
179 15.4 12.1 18.1
176 19.3 15.2 22.8

Instrument :
BNA_M
ClientSampleId :
BGDX3DL

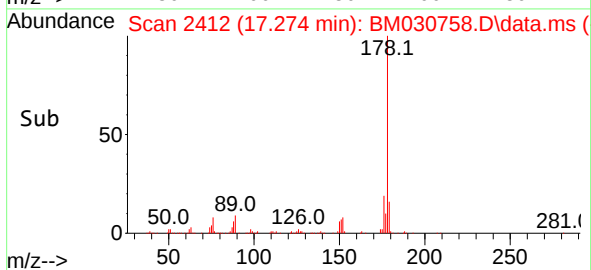
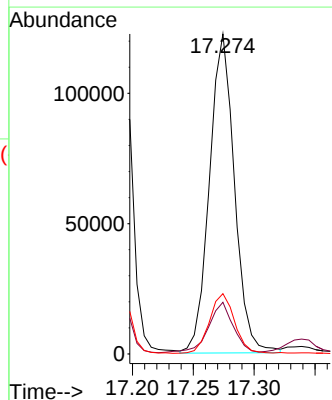
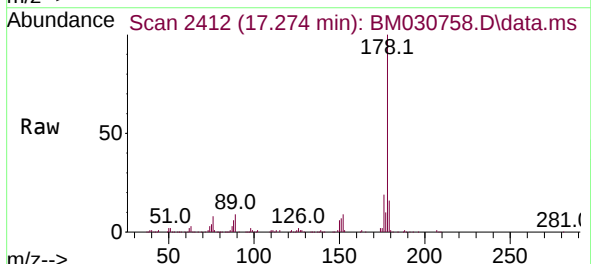
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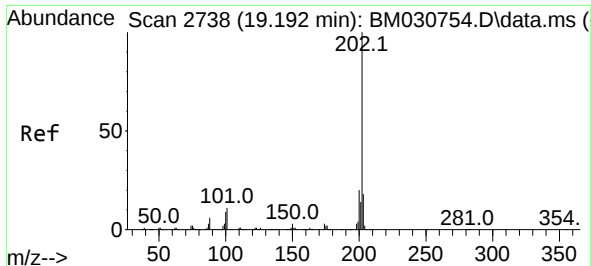
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#74
Anthracene
Concen: 7.722 ng/ul
RT: 17.274 min Scan# 2412
Delta R.T. -0.006 min
Lab File: BM030758.D
Acq: 02 Jul 2021 00:48

Tgt Ion:178 Resp: 175262
Ion Ratio Lower Upper
178 100
179 16.1 12.1 18.1
176 18.9 15.2 22.8





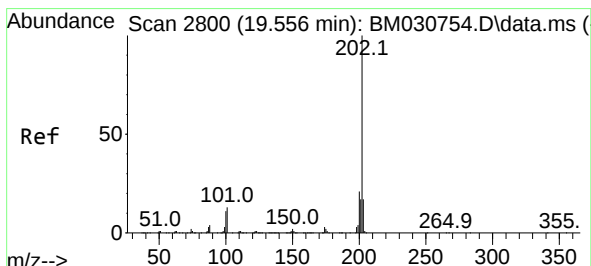
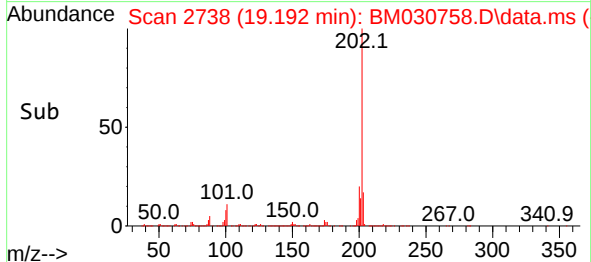
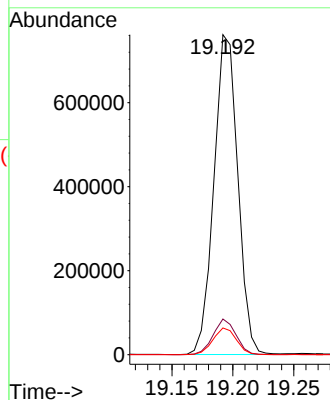
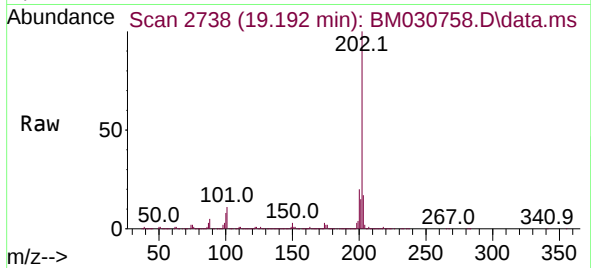
#80
Fluoranthene
Concen: 33.623 ng/u1
RT: 19.192 min Scan# 2738
Delta R.T. -0.012 min
Lab File: BM030758.D
Acq: 02 Jul 2021 00:48

Tgt Ion:202 Resp: 1038732
Ion Ratio Lower Upper
202 100
101 11.1 8.8 13.2
100 8.4 6.8 10.2

Instrument :
BNA_M
ClientSampleId :
BGDX3DL

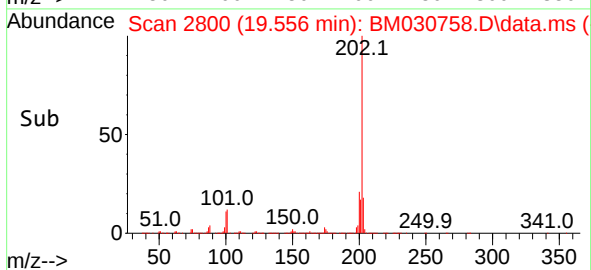
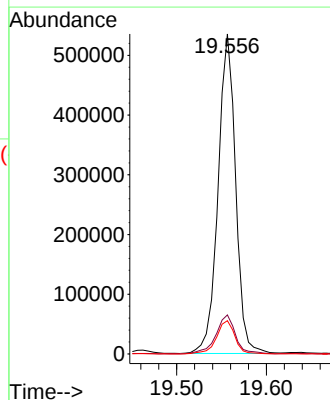
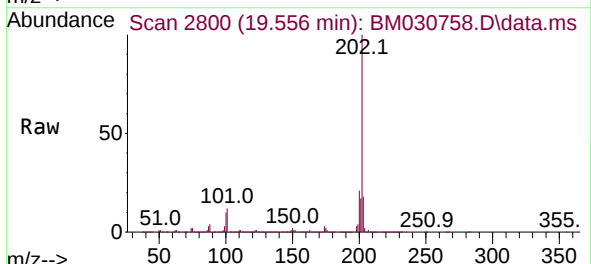
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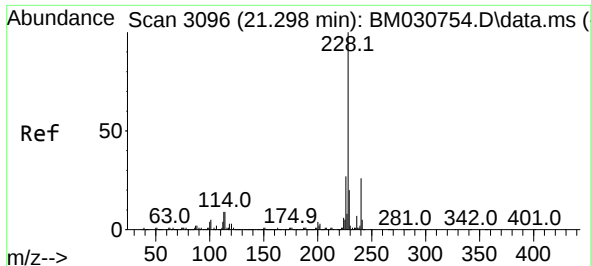
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#82
Pyrene
Concen: 22.423 ng/u1
RT: 19.556 min Scan# 2800
Delta R.T. -0.006 min
Lab File: BM030758.D
Acq: 02 Jul 2021 00:48

Tgt Ion:202 Resp: 727875
Ion Ratio Lower Upper
202 100
101 12.2 10.0 15.0
100 10.4 8.5 12.7





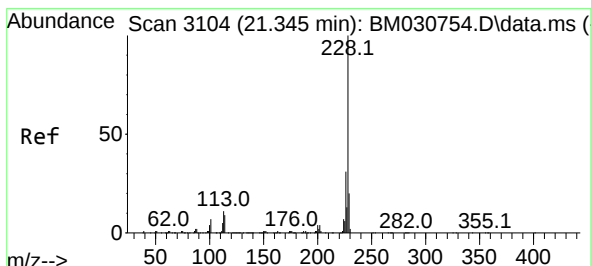
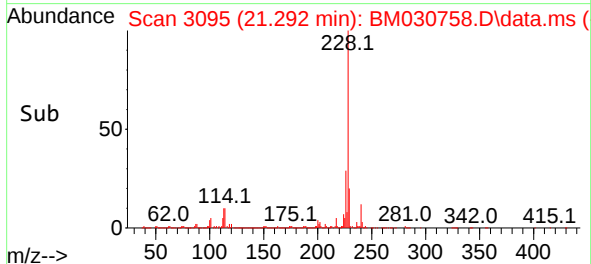
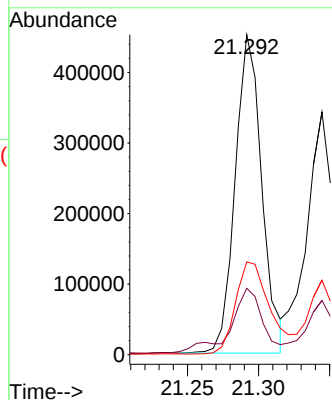
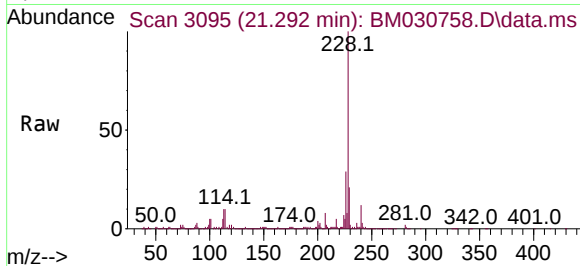
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Benzo(a)anthracene
Concen: 19.659 ng/uI
RT: 21.292 min Scan# 3095
Delta R.T. -0.012 min
Lab File: BM030758.D
Acq: 02 Jul 2021 00:48

Tgt Ion:228 Resp: 588962
Ion Ratio Lower Upper
228 100
229 20.7 16.0 24.0
226 29.0 22.2 33.2

Instrument :
BNA_M
ClientSampled :
BGDX3DL

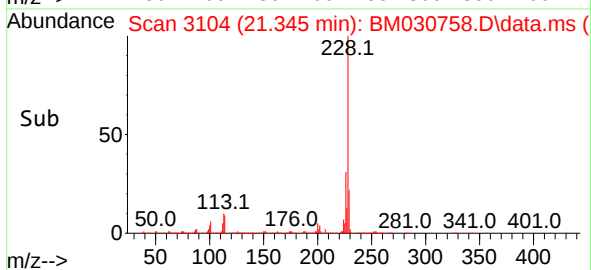
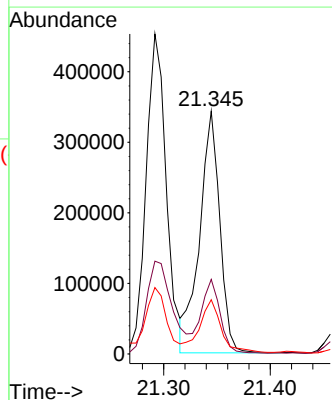
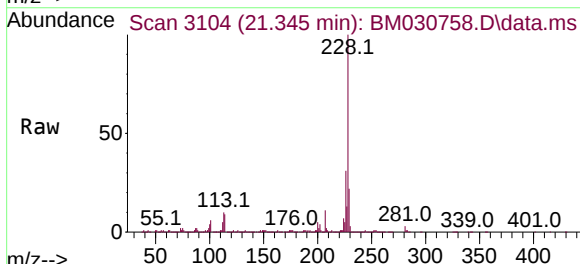
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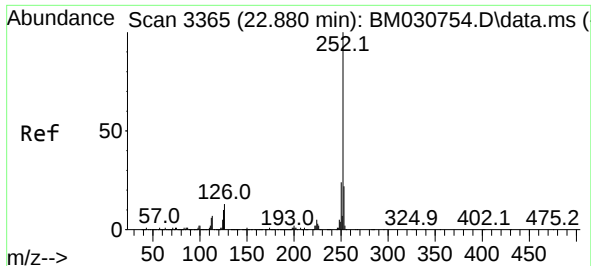
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#87
Chrysene
Concen: 15.509 ng/uI
RT: 21.345 min Scan# 3104
Delta R.T. -0.012 min
Lab File: BM030758.D
Acq: 02 Jul 2021 00:48

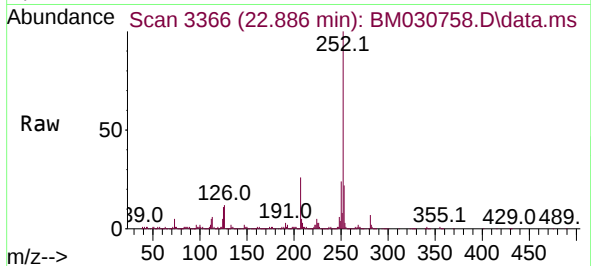
Tgt Ion:228 Resp: 452950
Ion Ratio Lower Upper
228 100
226 30.7 23.6 35.4
229 22.4 15.9 23.9





#90
Benzo(b)fluoranthene
Concen: 16.790 ng/ul
RT: 22.886 min Scan# 3366
Delta R.T. -0.006 min
Lab File: BM030758.D
Acq: 02 Jul 2021 00:48

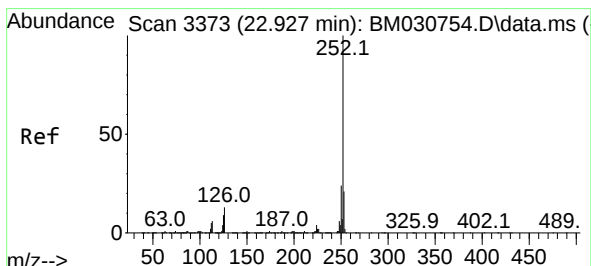
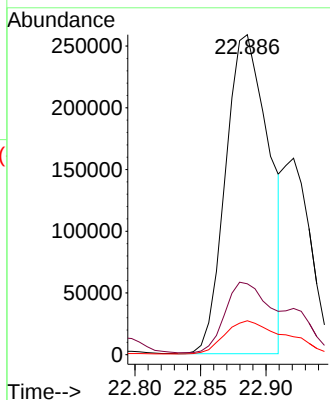
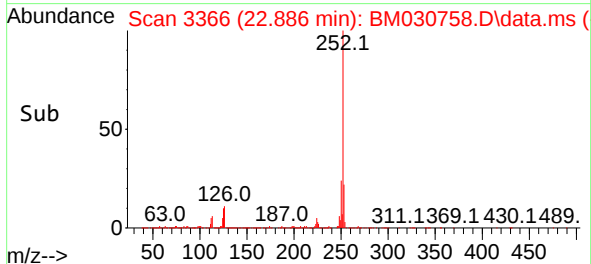
Instrument :
BNA_M
ClientSampleId :
BGDX3DL



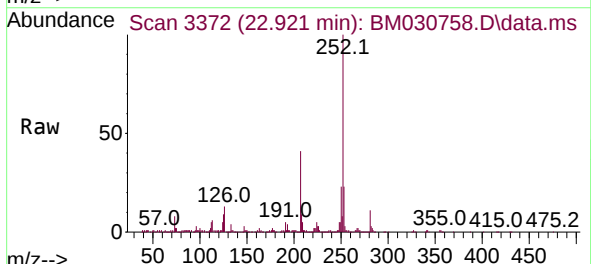
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Ion Ratio Lower Upper
252 100
253 22.1 17.8 26.6
125 10.6 7.7 11.5

Manual Integrations
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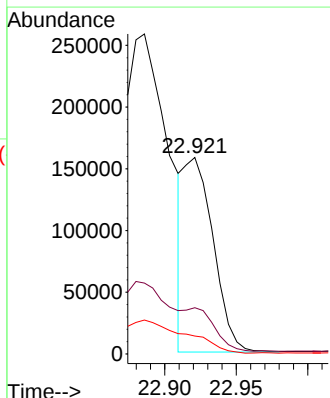
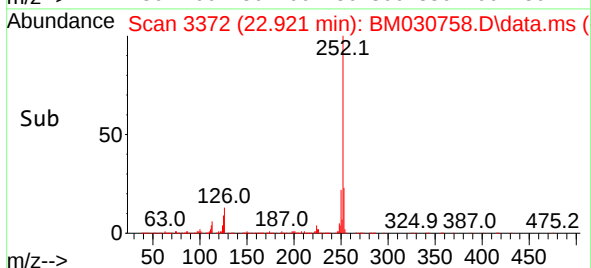
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7/2/2021 12:03:50 PM

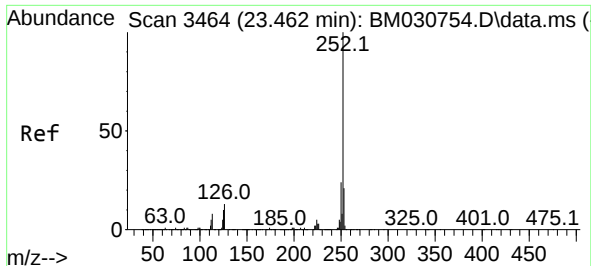


#91
Benzo(k)fluoranthene
Concen: 6.619 ng/ul m
RT: 22.921 min Scan# 3372
Delta R.T. -0.018 min
Lab File: BM030758.D
Acq: 02 Jul 2021 00:48



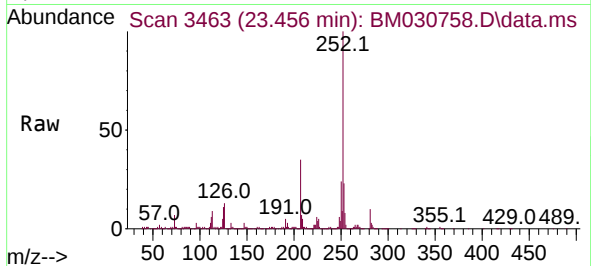
Tgt Ion:252 Resp: 225265
Ion Ratio Lower Upper
252 100
253 23.5 17.4 26.2
125 9.1 7.9 11.9





#93
Benzo(a)pyrene
Concen: 10.888 ng/ul
RT: 23.456 min Scan# 3463
Delta R.T. -0.018 min
Lab File: BM030758.D
Acq: 02 Jul 2021 00:48

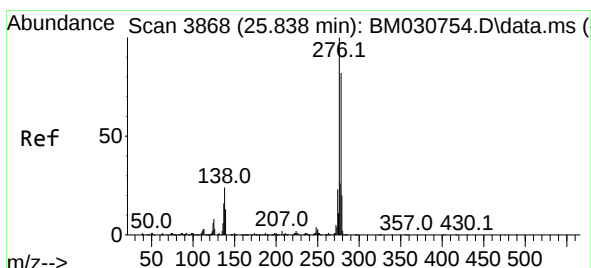
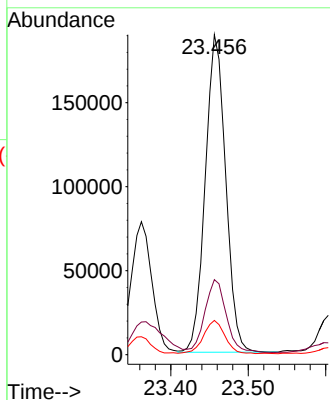
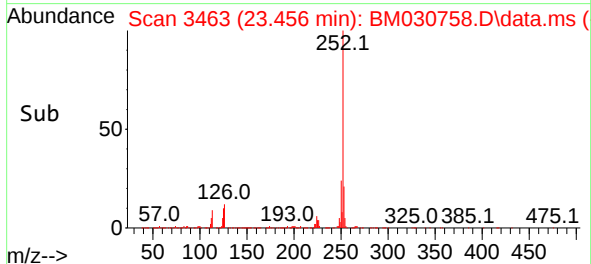
Instrument :
BNA_M
ClientSampleID :
BGDX3DL



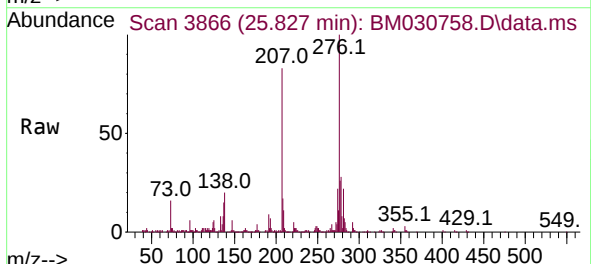
Tgt Ion:252 Resp: 346695
Ion Ratio Lower Upper
252 100
253 23.4 17.5 26.3
125 10.7 8.6 13.0

Manual Integrations
APPROVED

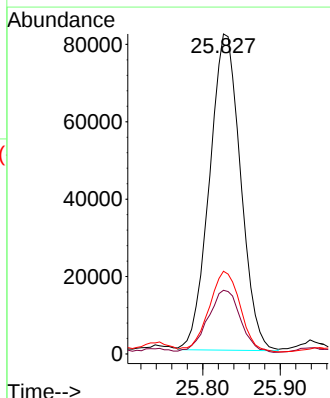
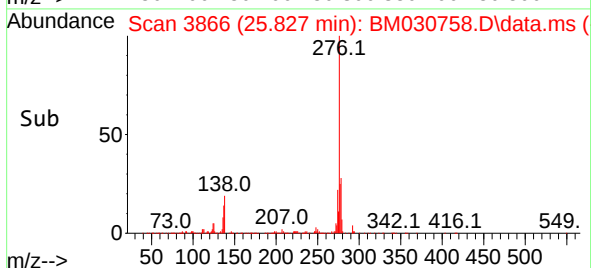
mohammad
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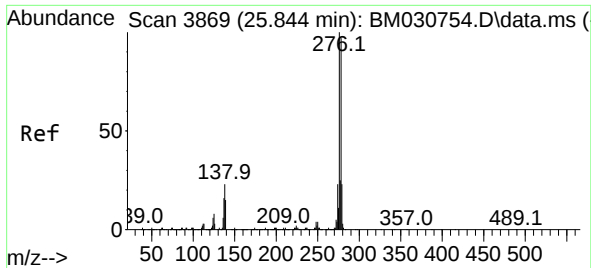


#94
Indeno(1,2,3-cd)pyrene
Concen: 5.683 ng/ul
RT: 25.827 min Scan# 3866
Delta R.T. -0.024 min
Lab File: BM030758.D
Acq: 02 Jul 2021 00:48

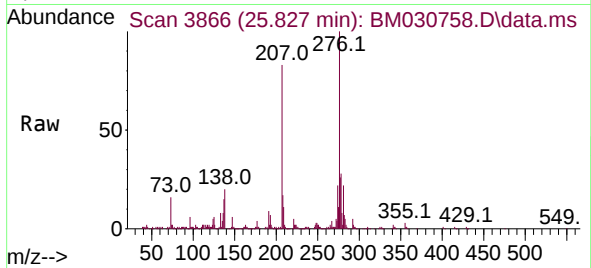


Tgt Ion:276 Resp: 227800
Ion Ratio Lower Upper
276 100
138 19.9 19.5 29.3
277 25.8 19.6 29.4

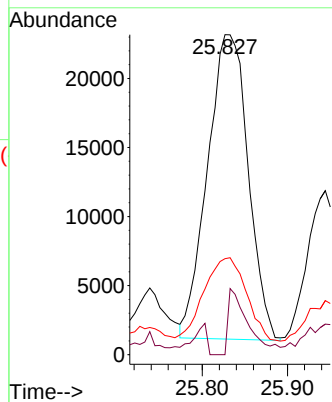
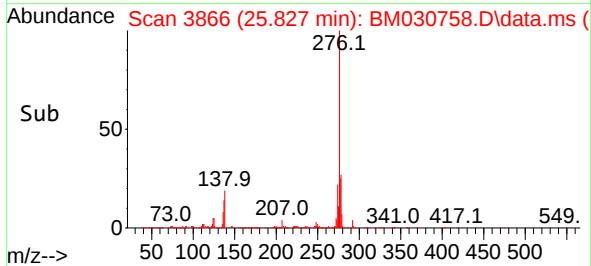




#95
 Dibenzo(a,h)anthracene
 Concen: 2.202 ng/ul
 RT: 25.827 min Scan# 3866
 Delta R.T. -0.029 min
 Lab File: BM030758.D
 Acq: 02 Jul 2021 00:48



Tgt Ion	Ratio	Lower	Upper
278	100		
139	0.0	12.8	19.2#
279	30.0	19.1	28.7#



Instrument :
 BNA_M
 ClientSampleId :
 BGD3DL

Manual Integrations
 APPROVED

mohammad
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