

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052720\
 Data File : BM026140.D
 Acq On : 27 May 2020 11:48
 Operator : MA/SJ
 Sample : L2756-07DL 10X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleID :
 ETKW9DL

Manual Integrations
 APPROVED

mohammad
 5/28/2020 8:56:50 AM

Quant Time: May 27 12:48:21 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051320MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed May 27 10:30:40 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.48	152	136541	20.00	ng/ul	0.00
18) Naphthalene-d8	10.25	136	570976	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.13	164	344338	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.88	188	742945	20.00	ng/ul	0.00
78) Chrysene-d12	21.08	240	807191	20.00	ng/ul	0.00
86) Perylene-d12	23.20	264	839753	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.03	96	88970	19.66	ng/uL	-0.03
5) Phenol-d5	6.69	99	7754	0.63	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.83	67	28560	3.33	ng/ul	0.00
9) 2-Chlorophenol-d4	7.02	132	22619	2.33	ng/ul	0.00
13) 4-Methylphenol-d8	8.20	113	15018	1.61	ng/ul	0.00
19) Nitrobenzene-d5	8.63	128	16220	3.48	ng/ul	0.00
22) 2-Nitrophenol-d4	9.35	143	13263	2.88	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.89	165	25920	2.80	ng/ul	0.01
29) 4-Chloroaniline-d4	0.00	131	0d	0.00	ng/ul	
44) Dimethylphthalate-d6	13.55	166	95055	3.44	ng/ul	0.00
47) Acenaphthylene-d8	13.82	160	107310	3.28	ng/ul	0.00
52) 4-Nitrophenol-d4	14.37	143	2571	0.53	ng/ul	0.02
58) Fluorene-d10	15.13	176	84827	3.53	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.26	200	8137	1.88	ng/ul	0.00
71) Anthracene-d10	16.97	188	131421	3.59	ng/ul	0.00
79) Pyrene-d10	19.28	212	151074	3.64	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.06	264	142845	3.20	ng/ul	0.00

Target Compounds

					Ovalue
11) 2-Methylphenol	7.94	108	20242m	2.116	ng/ul
14) Acetophenone	8.30	105	41096	2.624	ng/ul 99
16) 4-Methylphenol	8.26	108	18547	1.783	ng/ul# 76
21) Isophorone	9.20	82	77685	3.267	ng/ul 98
28) Naphthalene	10.31	128	17008244	487.195	ng/ul 94
34) 2-Methylnaphthalene	11.92	142	908335	38.684	ng/ul 99
41) 1,1'-Biphenyl	12.95	154	223436	7.313	ng/ul 99
48) Acenaphthylene	13.84	152	633396	17.635	ng/ul 99
50) Acenaphthene	14.19	153	59458	2.347	ng/ul 99
59) Fluorene	15.19	166	308952	10.729	ng/ul 99
70) Phenanthrene	16.92	178	1931846	41.280	ng/ul 100
72) Anthracene	17.01	178	502405	10.700	ng/ul 99
77) Fluoranthene	18.94	202	966719	19.693	ng/ul 99
80) Pyrene	19.31	202	1468539	25.915	ng/ul 96
83) Benzo(a)anthracene	21.06	228	423592m	7.614	ng/ul
85) Chrysene	21.11	228	346200	6.260	ng/ul 98
88) Benzo(b)fluoranthene	22.57	252	334093	5.882	ng/ul 97
89) Benzo(k)fluoranthene	22.61	252	94942m	1.673	ng/ul
91) Benzo(a)pyrene	23.10	252	413303	8.268	ng/ul 99
92) Indeno(1,2,3-cd)pyrene	25.27	276	180305	2.779	ng/ul 93
94) Benzo(a,h,i)perylene	25.90	276	226043	4.174	ng/ul 98

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Quant Title : SVOA CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

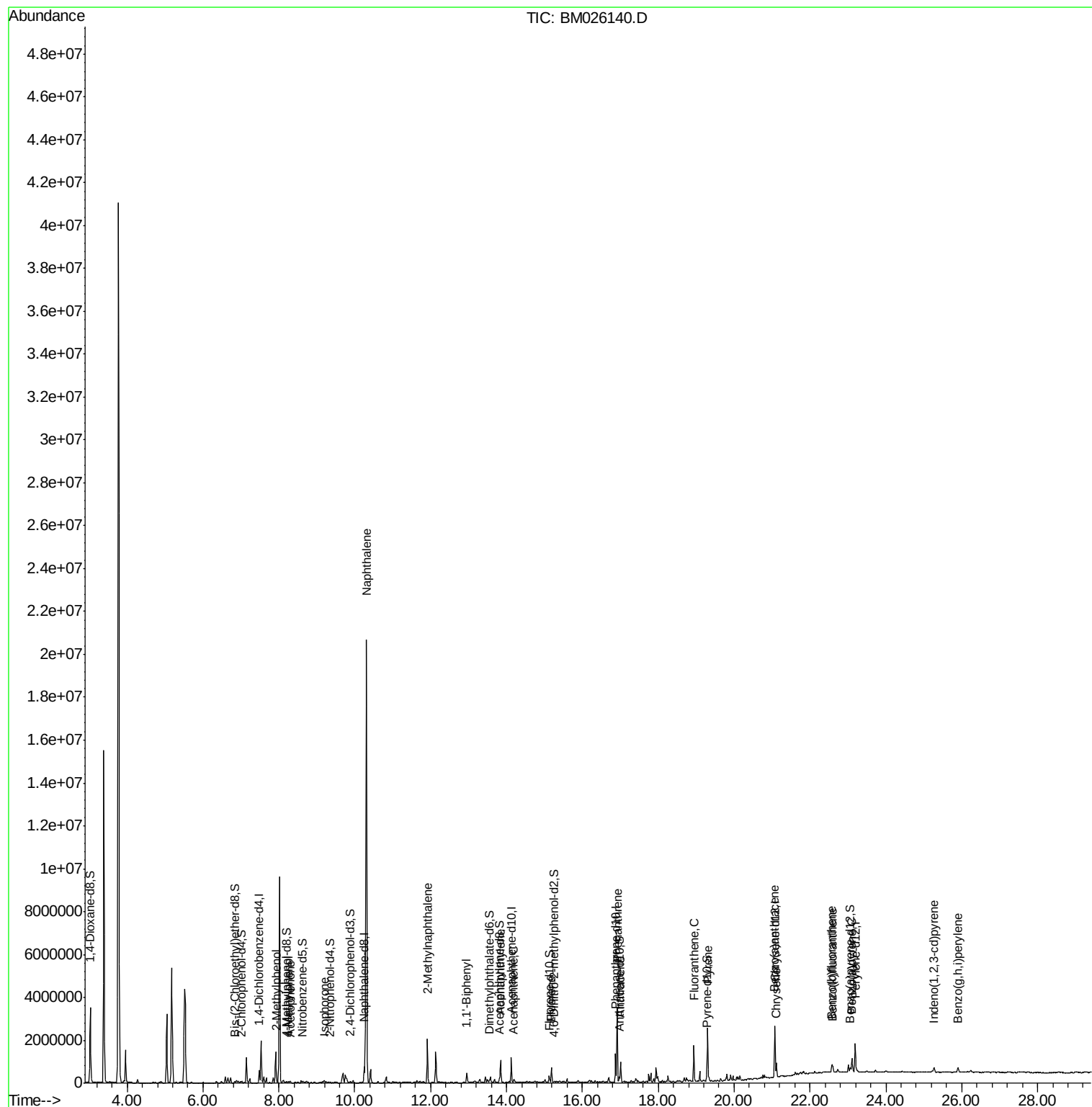
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052720\
Data File : BM026140.D
Acq On : 27 May 2020 11:48
Operator : MA/SJ
Sample : L2756-07DL 10X
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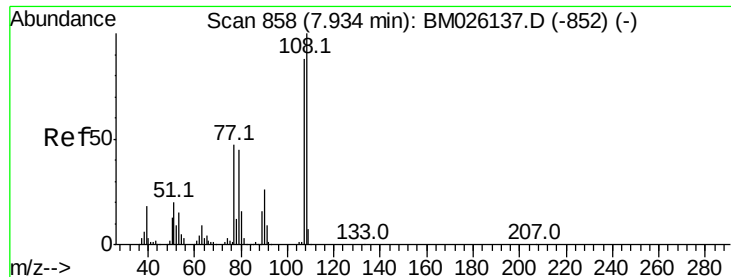
Instrument :
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#11

2-Methylphenol

Concen: 2.116 ng/ul m

RT: 7.94 min Scan# 859

Delta R.T. 0.01 min

Lab File: BM026140.D

Acq: 27 May 2020 11:48

Instrument :

BNA_M

ClientSampled :

ETKW9DL

Tot Ion:108 Resp: 20242

Ion Ratio Lower Upper

108 100

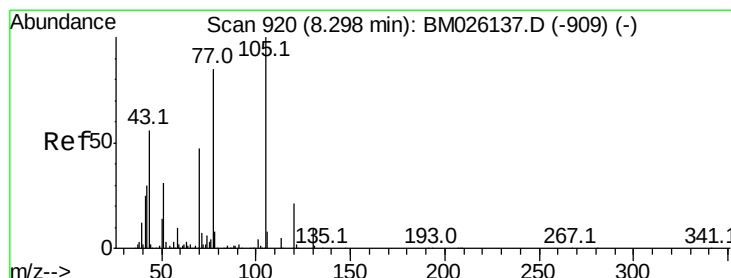
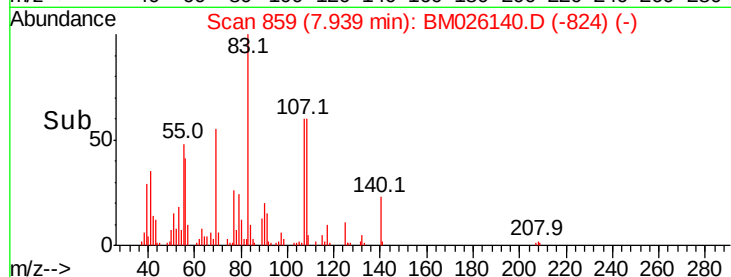
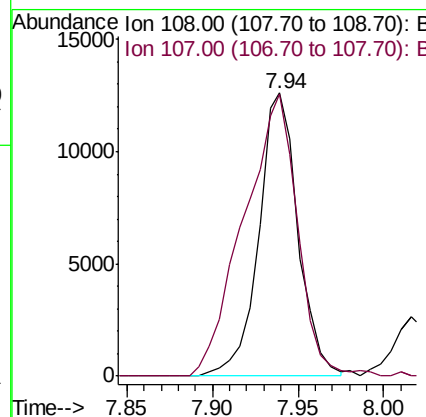
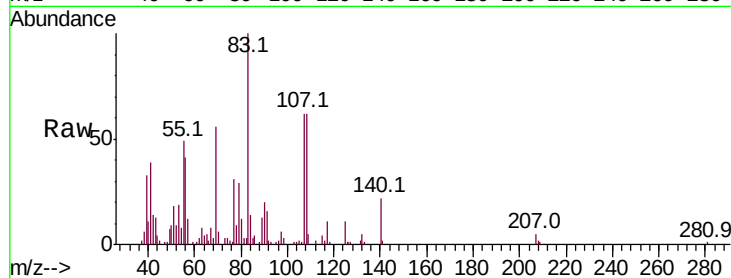
107 99.7 72.3 108.5

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#14

Acetophenone

Concen: 2.624 ng/ul

RT: 8.30 min Scan# 921

Delta R.T. 0.01 min

Lab File: BM026140.D

Acq: 27 May 2020 11:48

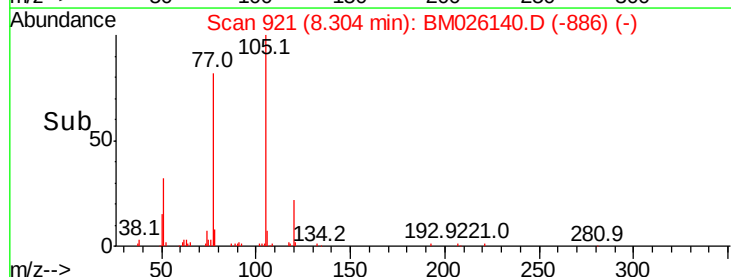
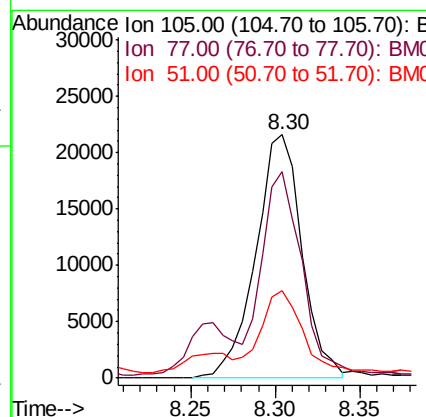
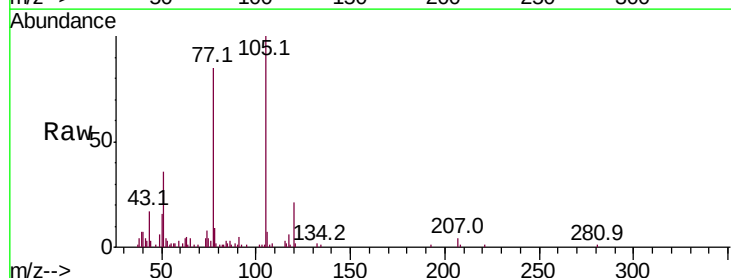
Tgt Ion:105 Resp: 41096

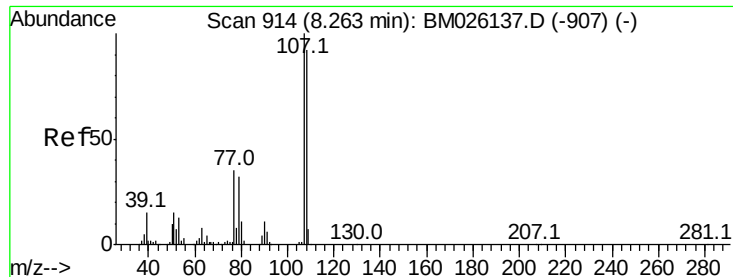
Ion Ratio Lower Upper

105 100

77 84.6 67.2 100.8

51 36.1 27.4 41.0





#16

4-Methylphenol

Concen: 1.783 ng/ul

RT: 8.26 min Scan# 914

Delta R.T. -0.00 min

Lab File: BM026140.D

Acq: 27 May 2020 11:48

Instrument :

BNA_M

ClientSampled :

ETKW9DL

Tot Ion:108 Resp: 18547

Ion Ratio Lower Upper

108 100

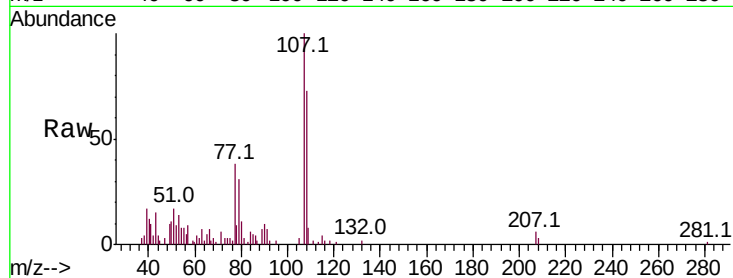
107 136.5 88.6 132.8#

Manual Integrations

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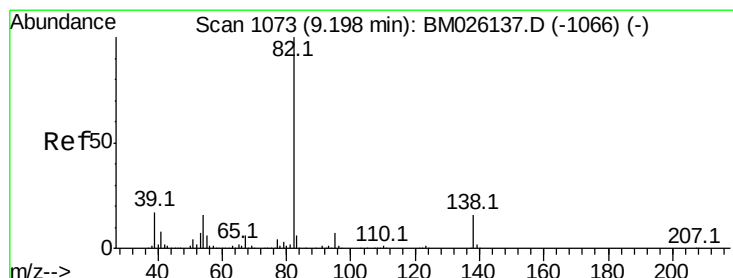
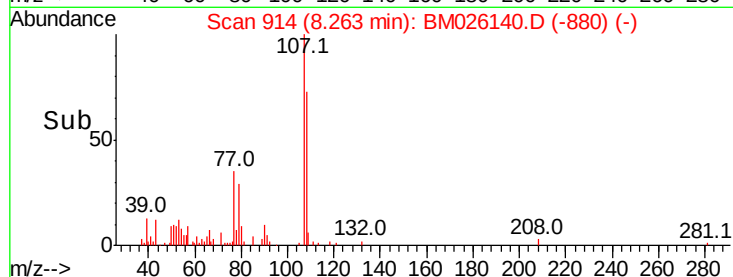
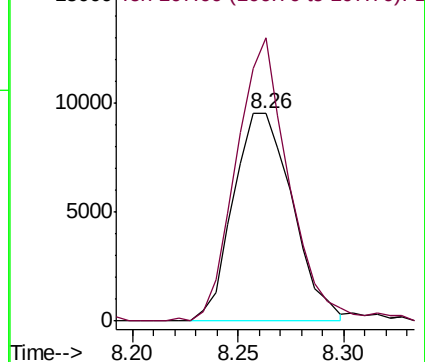
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Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E



#21

Isophorone

Concen: 3.267 ng/ul

RT: 9.20 min Scan# 1073

Delta R.T. -0.00 min

Lab File: BM026140.D

Acq: 27 May 2020 11:48

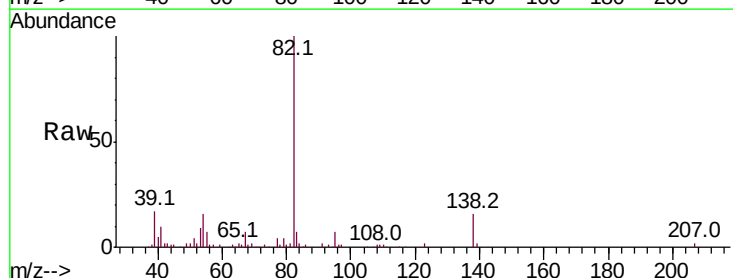
Tgt Ion: 82 Resp: 77685

Ion Ratio Lower Upper

82 100

95 6.6 5.6 8.4

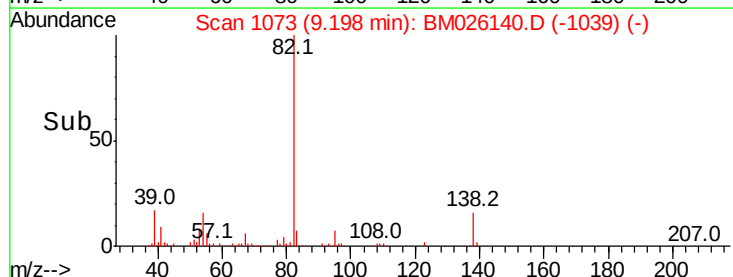
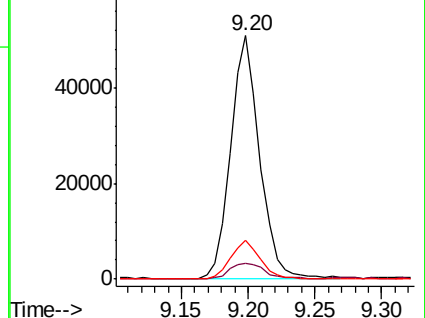
138 15.7 11.9 17.9

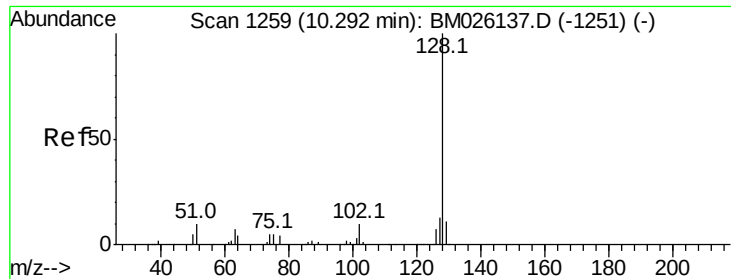


Abundance Ion 82.00 (81.70 to 82.70): BM0

Ion 95.00 (94.70 to 95.70): BM0

Ion 138.00 (137.70 to 138.70): E





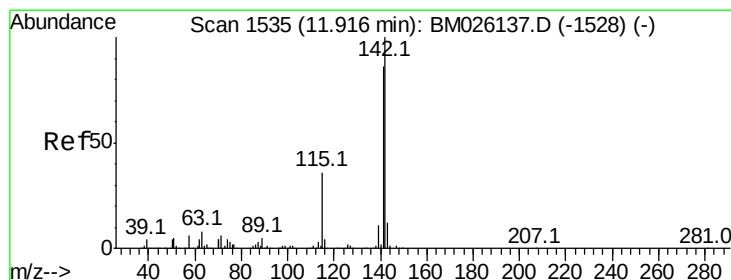
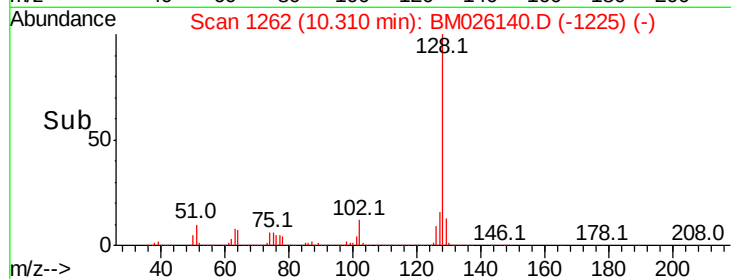
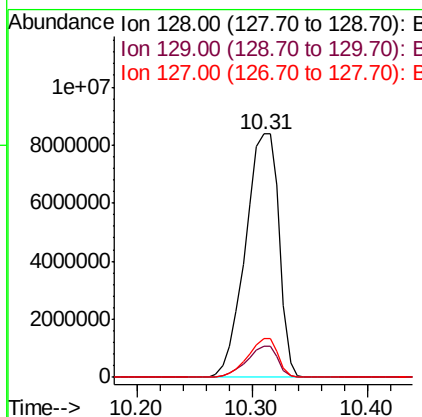
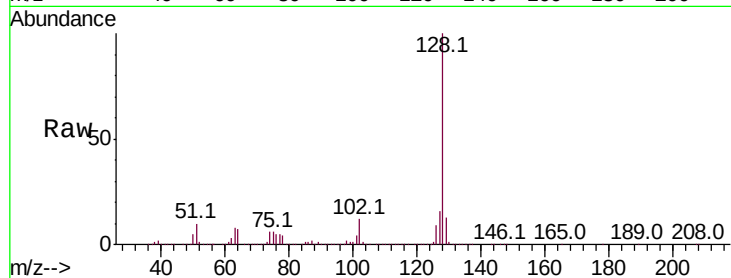
#28
Naphthalene
Concen: 487.195 ng/ul
RT: 10.31 min Scan# 1262
Delta R.T. 0.02 min
Lab File: BM026140.D
Acq: 27 May 2020 11:48

Instrument :
BNA_M
ClientSampleId :
ETKW9DL

Tot Ion:128 Resp:17008244
Ion Ratio Lower Upper
128 100
129 13.0 9.0 13.4
127 15.7 10.6 15.8

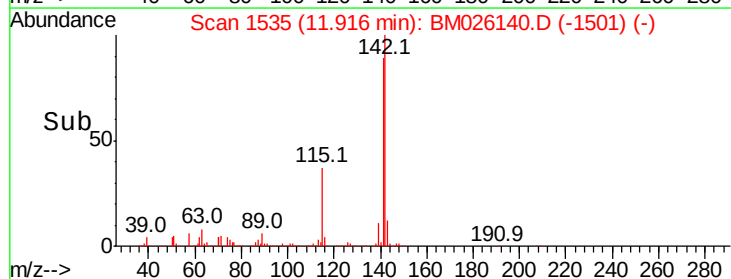
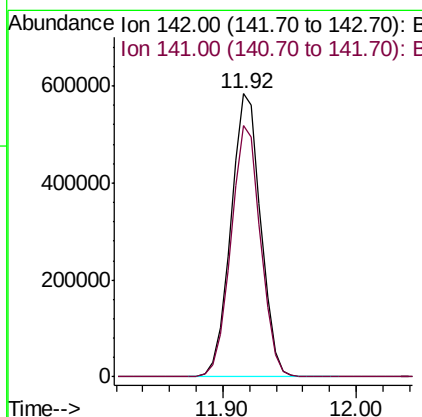
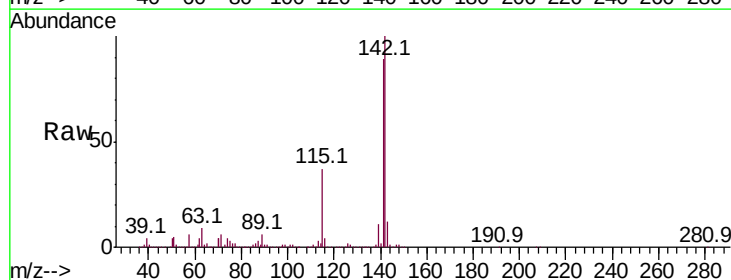
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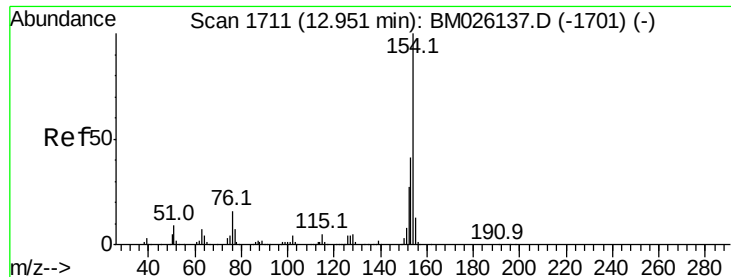
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#34
2-Methylnaphthalene
Concen: 38.684 ng/ul
RT: 11.92 min Scan# 1535
Delta R.T. -0.00 min
Lab File: BM026140.D
Acq: 27 May 2020 11:48

Tgt Ion:142 Resp: 908335
Ion Ratio Lower Upper
142 100
141 88.9 71.8 107.6





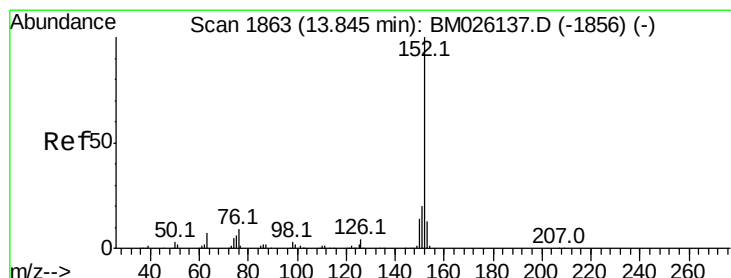
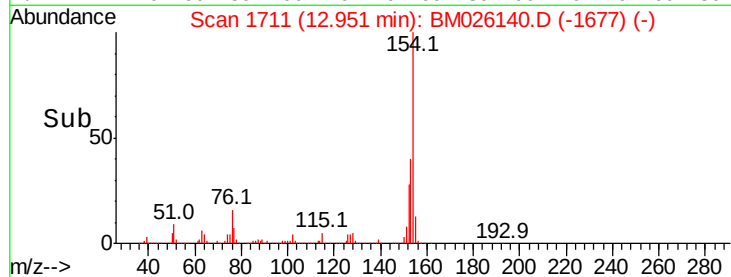
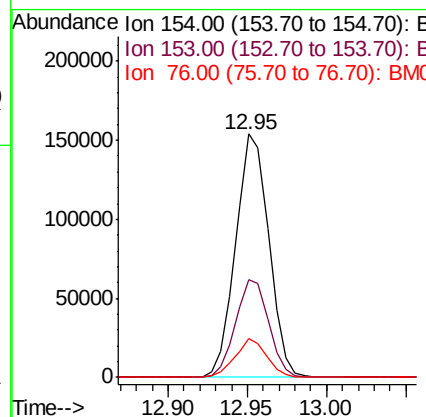
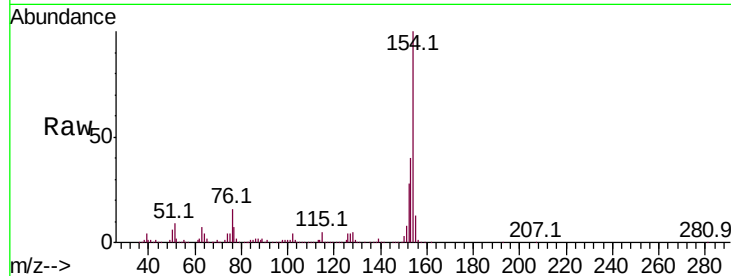
#41
 1,1'-Biphenyl
 Concen: 7.313 ng/ul
 RT: 12.95 min Scan# 1711
 Delta R.T. -0.00 min
 Lab File: BM026140.D
 Acq: 27 May 2020 11:48

Instrument :
 BNA_M
 ClientSampleId :
 ETKW9DL

Tot Ion:	154	Resp:	223436
Ion Ratio	Lower	Upper	
154	100		
153	40.0	32.3	48.5
76	15.9	13.0	19.6

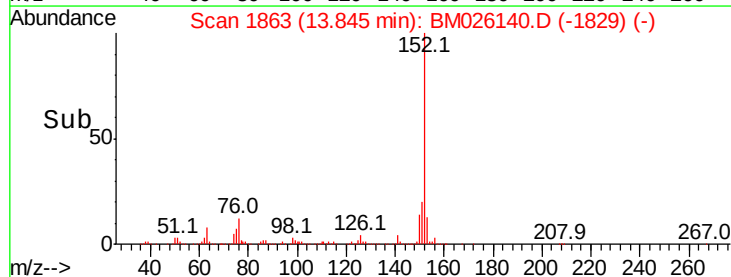
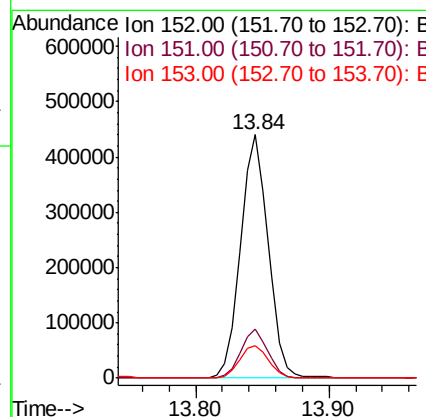
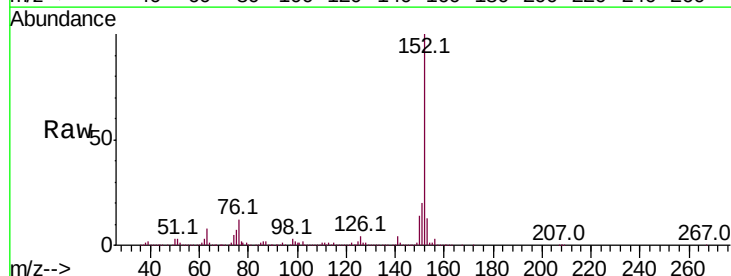
Manual Integrations
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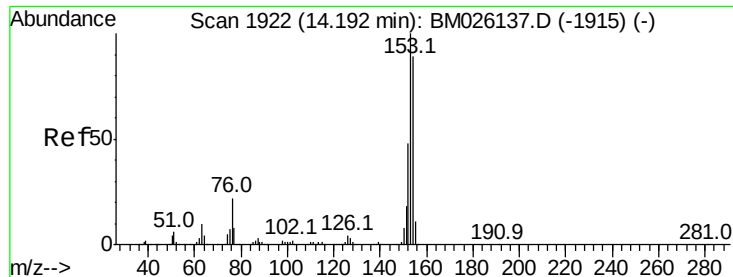
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#48
 Acenaphthylene
 Concen: 17.635 ng/ul
 RT: 13.84 min Scan# 1863
 Delta R.T. -0.00 min
 Lab File: BM026140.D
 Acq: 27 May 2020 11:48

Tgt Ion:	152	Resp:	633396
Ion Ratio	Lower	Upper	
152	100		
151	19.9	15.7	23.5
153	13.4	10.2	15.2





#50

Acenaphthene

Concen: 2.347 ng/ul

RT: 14.19 min Scan# 1922

Delta R.T. -0.00 min

Lab File: BM026140.D

Acq: 27 May 2020 11:48

Instrument :

BNA_M

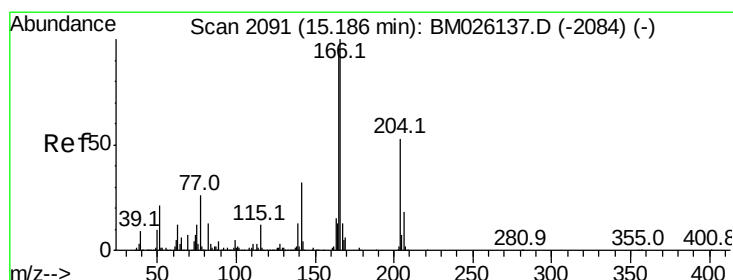
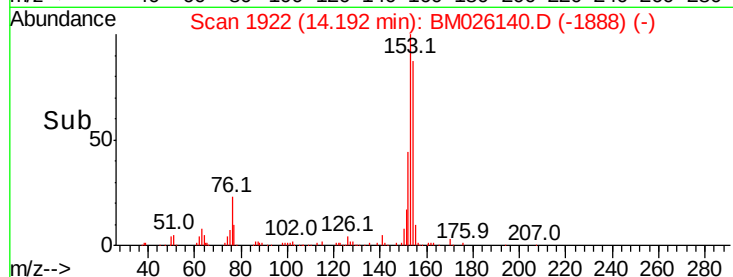
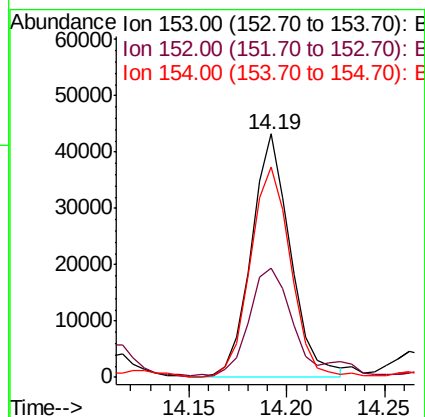
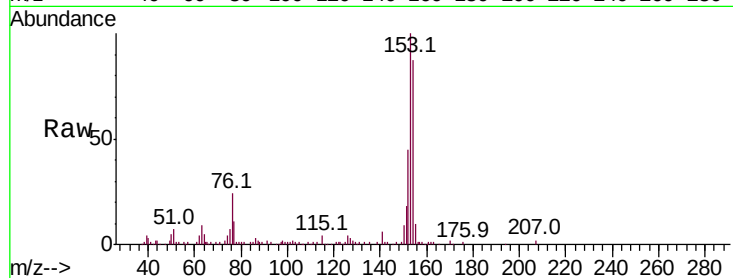
ClientSampled :

ETKW9DL

Tot Ion:	153	Resp:	59458
Ion Ratio	Lower	Upper	
153	100		
152	45.1	37.2	55.8
154	86.5	69.8	104.8

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#59

Fluorene

Concen: 10.729 ng/ul

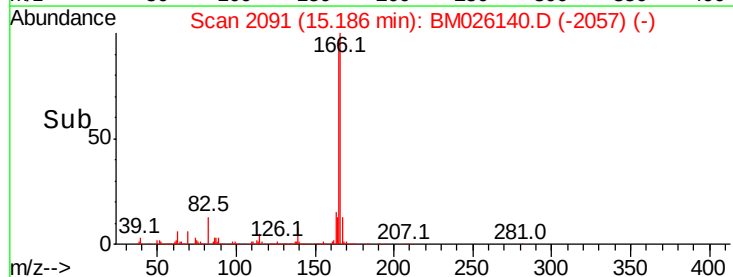
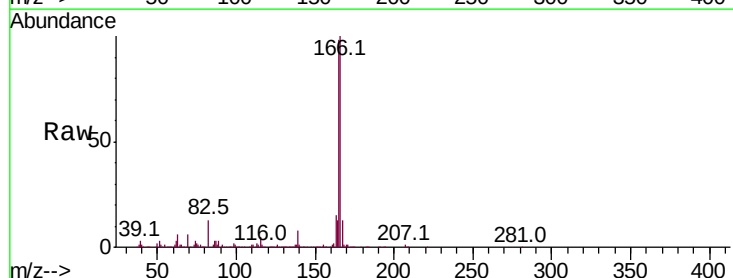
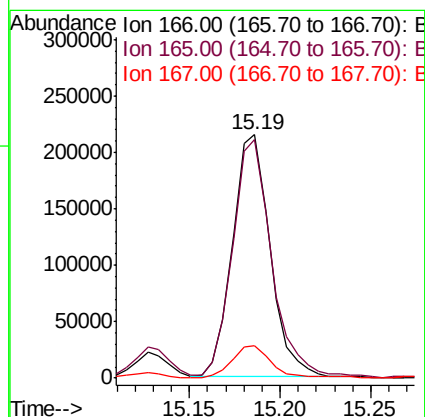
RT: 15.19 min Scan# 2091

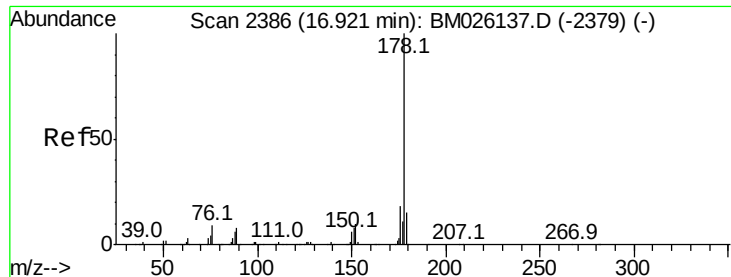
Delta R.T. -0.00 min

Lab File: BM026140.D

Acq: 27 May 2020 11:48

Tgt Ion:	166	Resp:	308952
Ion Ratio	Lower	Upper	
166	100		
165	98.0	77.3	115.9
167	13.4	10.6	16.0





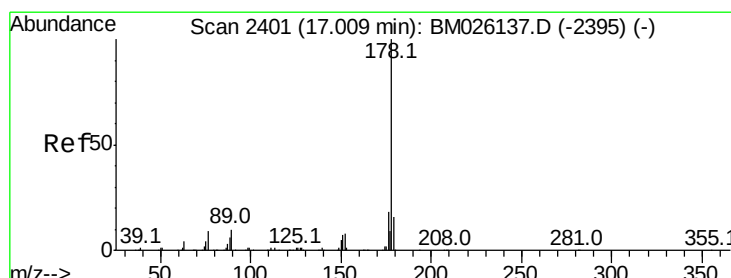
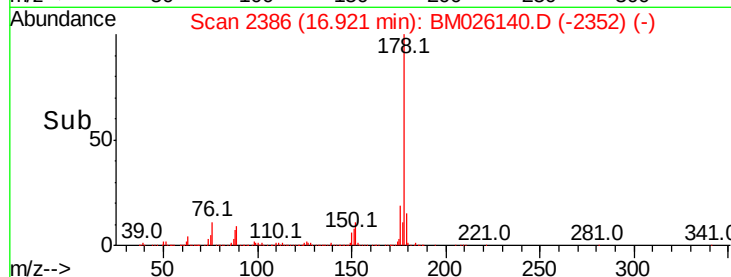
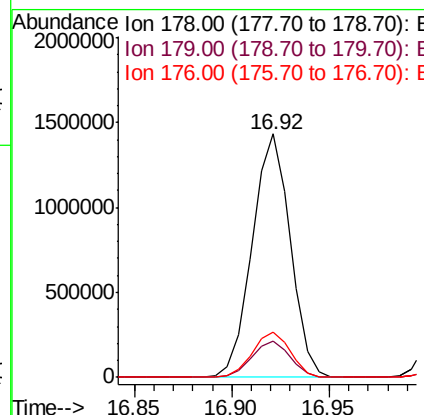
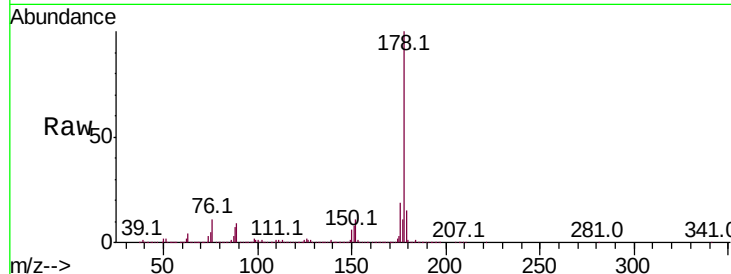
#70
Phenanthrene
Concen: 41.280 ng/ul
RT: 16.92 min Scan# 2386
Delta R.T. -0.00 min
Lab File: BM026140.D
Acq: 27 May 2020 11:48

Instrument :
BNA_M
ClientSampleId :
ETKW9DL

Tot Ion	Ratio	Lower	Upper
178	100		
179	14.9	11.9	17.9
176	18.8	14.9	22.3

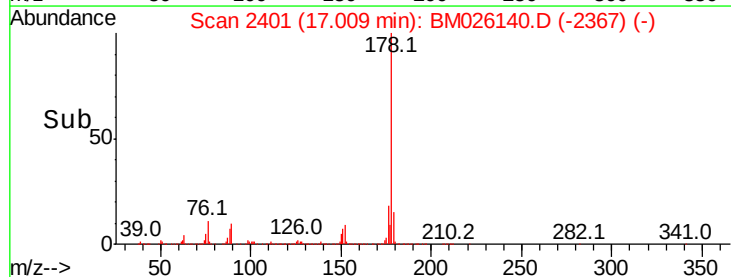
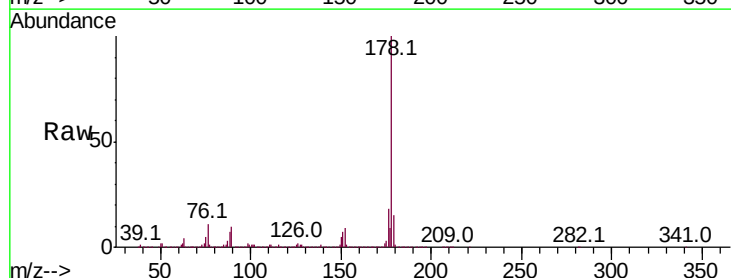
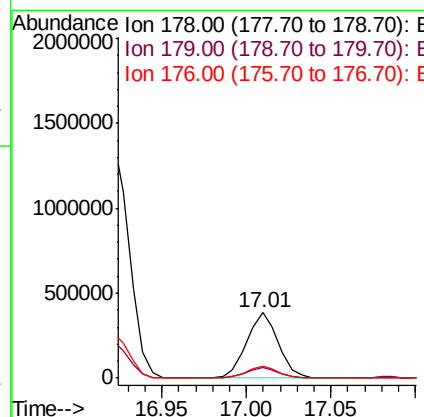
Manual Integrations
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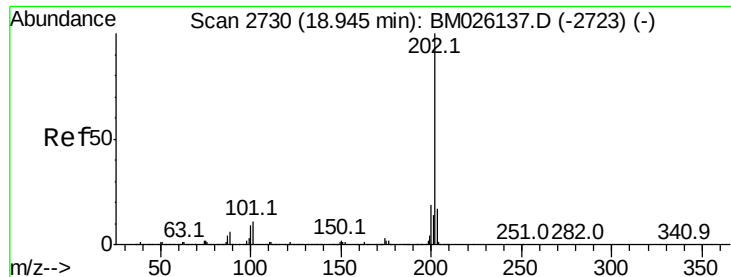
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#72
Anthracene
Concen: 10.700 ng/ul
RT: 17.01 min Scan# 2401
Delta R.T. -0.00 min
Lab File: BM026140.D
Acq: 27 May 2020 11:48

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.2	18.4
176	18.2	14.9	22.3





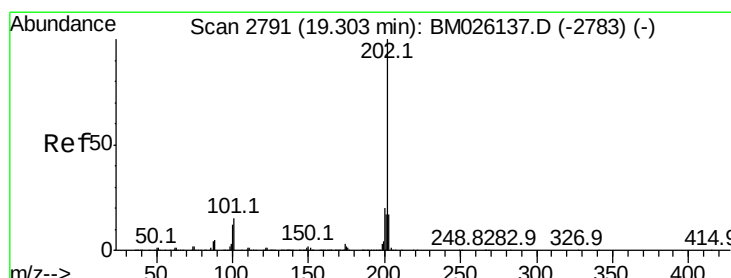
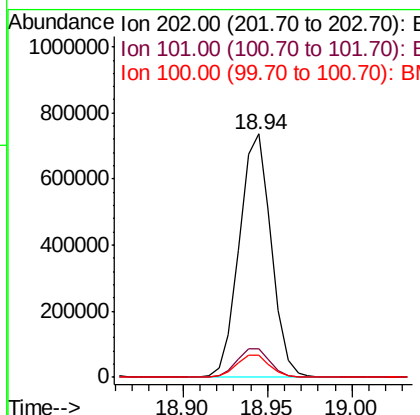
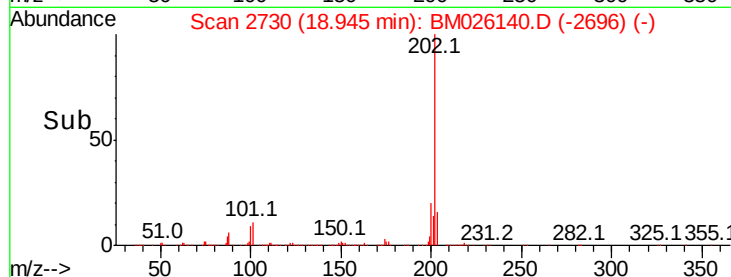
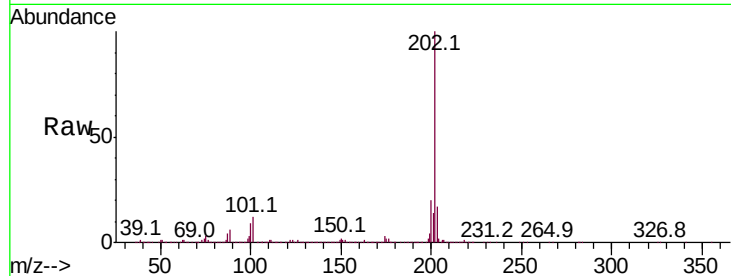
#77
 Fluoranthene
 Concen: 19.693 ng/ul
 RT: 18.94 min Scan# 2730
 Delta R.T. -0.00 min
 Lab File: BM026140.D
 Acq: 27 May 2020 11:48

Instrument :
 BNA_M
 ClientSampleId :
 ETKW9DL

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	11.5	9.5	14.3
100	9.2	7.6	11.4

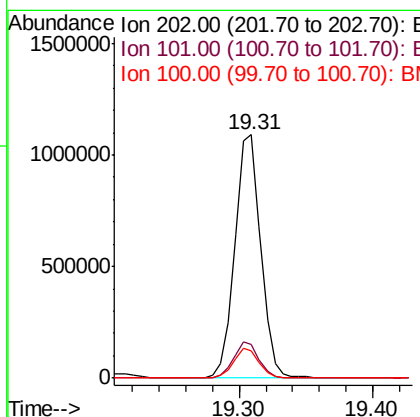
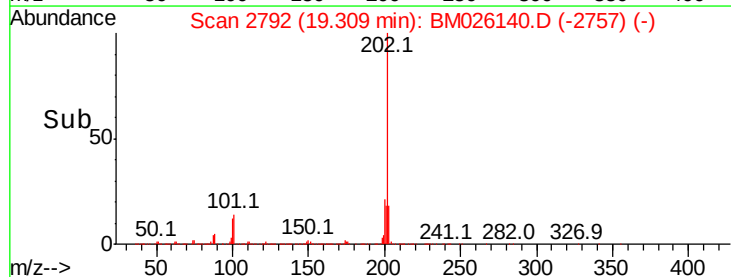
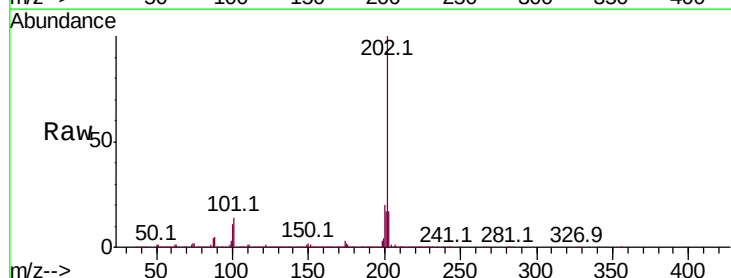
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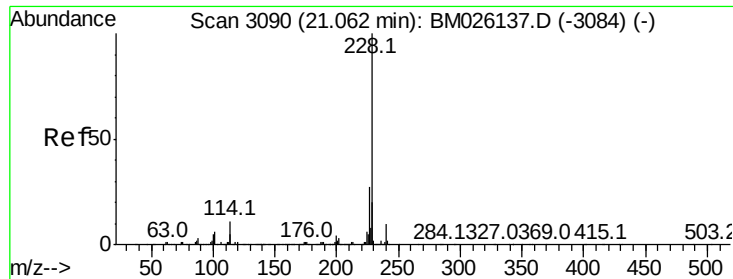
mohammad
 5/28/2020 8:56:50 AM



#80
 Pyrene
 Concen: 25.915 ng/ul
 RT: 19.31 min Scan# 2792
 Delta R.T. 0.01 min
 Lab File: BM026140.D
 Acq: 27 May 2020 11:48

Tgt Ion	Ratio	Resp Lower	Upper
202	100		
101	13.8	12.2	18.4
100	11.3	10.2	15.4





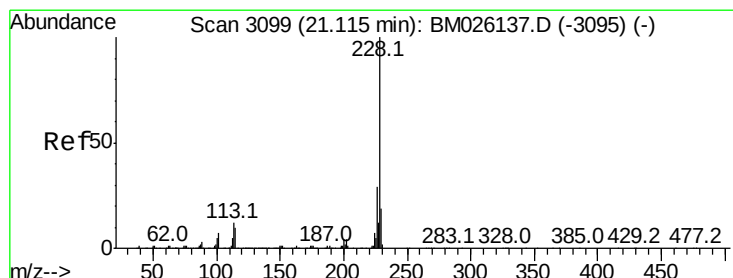
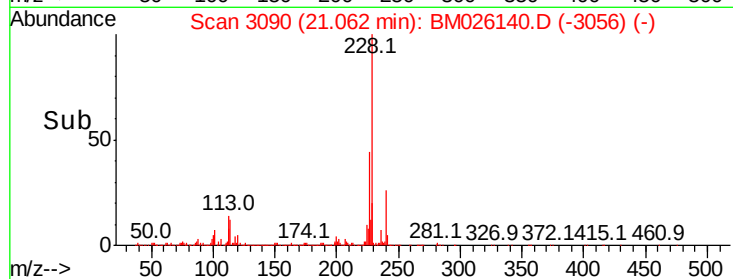
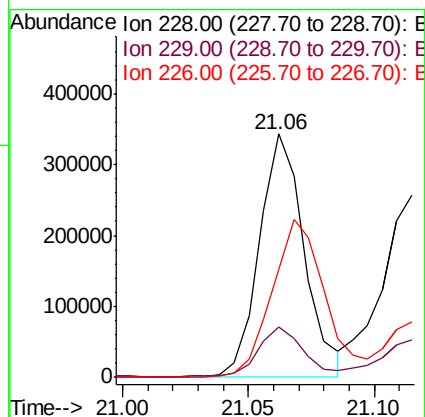
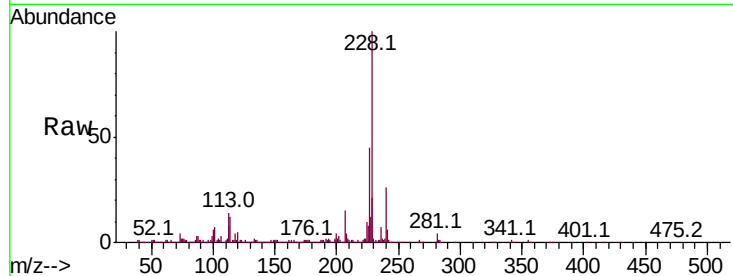
#83
Benzo(a)anthracene
Concen: 7.614 ng/ul m
RT: 21.06 min Scan# 3090
Delta R.T. -0.00 min
Lab File: BM026140.D
Acq: 27 May 2020 11:48

Instrument :
BNA_M
ClientSampleId :
ETKW9DL

Tot Ion	Ratio	Lower	Upper
228	100		
229	20.5	15.5	23.3
226	44.6	21.2	31.8#

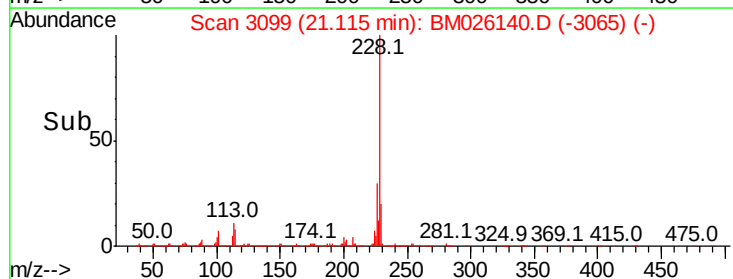
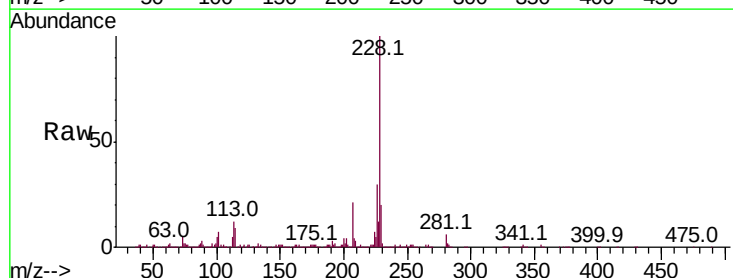
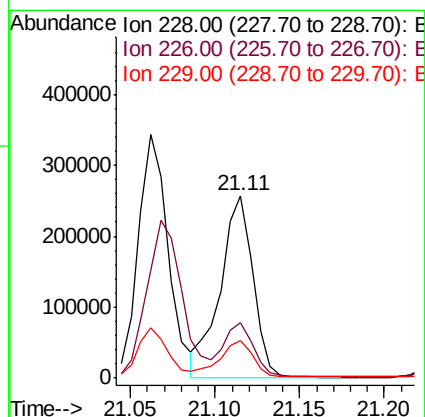
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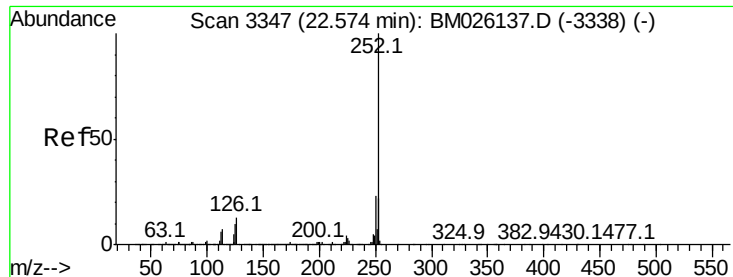
mohammad
5/28/2020 8:56:50 AM



#85
Chrysene
Concen: 6.260 ng/ul
RT: 21.11 min Scan# 3099
Delta R.T. -0.00 min
Lab File: BM026140.D
Acq: 27 May 2020 11:48

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.3	23.0	34.6
229	20.3	15.5	23.3





#88

Benzo(b)fluoranthene

Concen: 5.882 ng/ul

RT: 22.57 min Scan# 3347

Delta R.T. -0.00 min

Lab File: BM026140.D

Acq: 27 May 2020 11:48

Instrument :

BNA_M

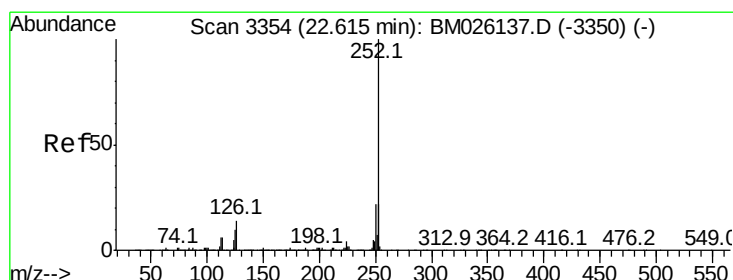
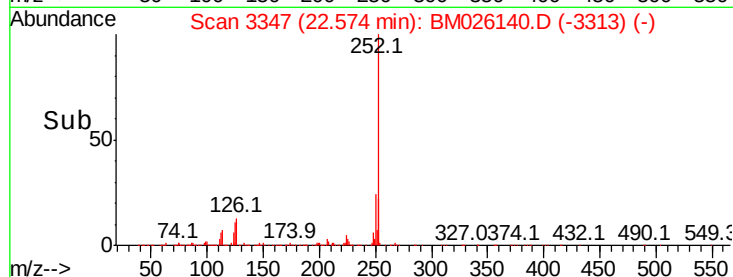
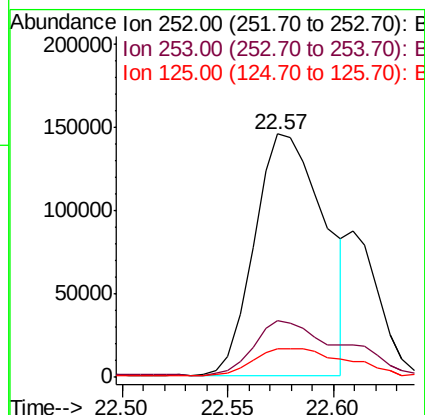
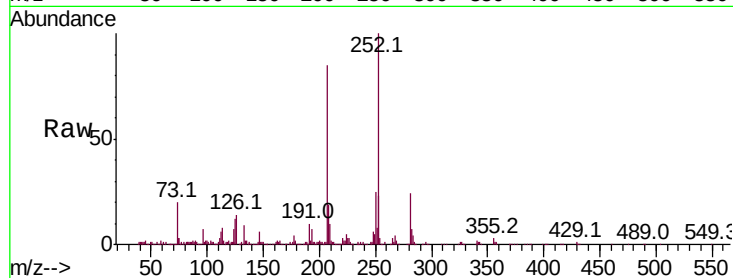
ClientSampleId :

ETKW9DL

Tot Ion:	252	Resp:	334093
Ion Ratio	Lower	Upper	
252	100		
253	23.1	17.1	25.7
125	11.5	8.9	13.3

Manual Integrations
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#89

Benzo(k)fluoranthene

Concen: 1.673 ng/ul m

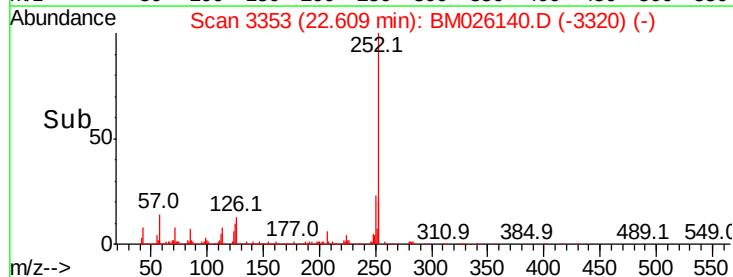
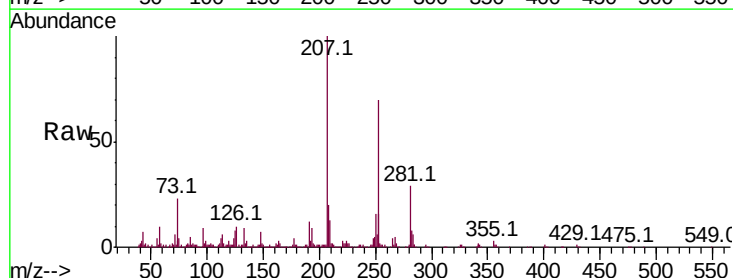
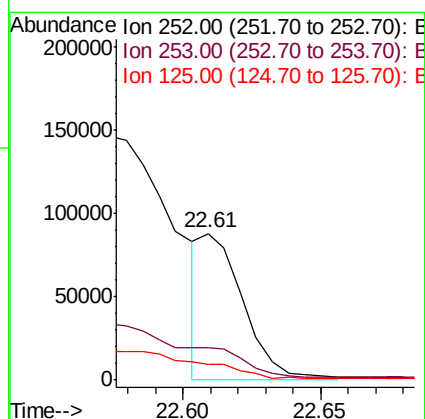
RT: 22.61 min Scan# 3353

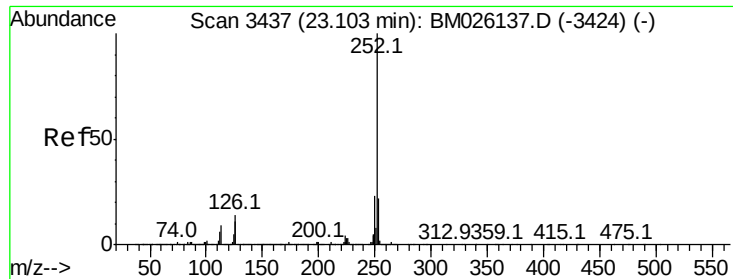
Delta R.T. -0.01 min

Lab File: BM026140.D

Acq: 27 May 2020 11:48

Tgt Ion:	252	Resp:	94942
Ion Ratio	Lower	Upper	
252	100		
253	22.3	17.0	25.4
125	10.9	8.6	13.0





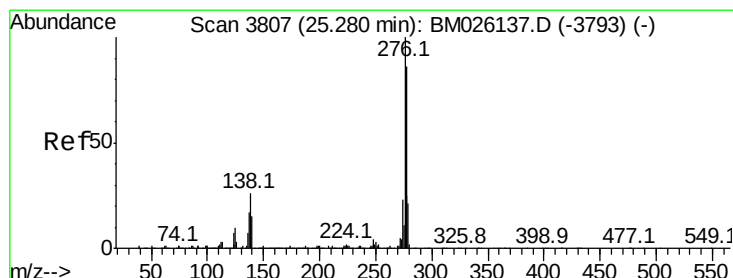
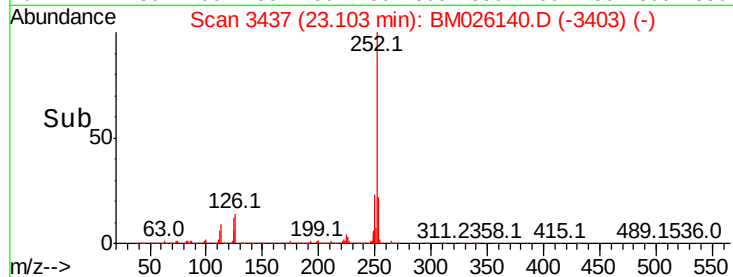
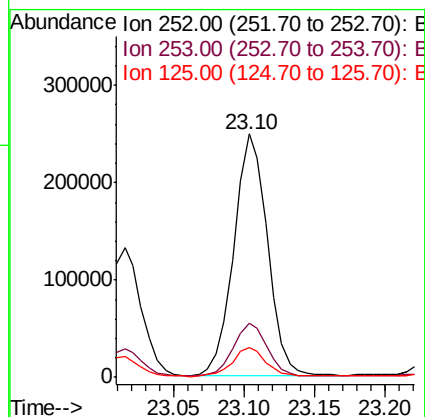
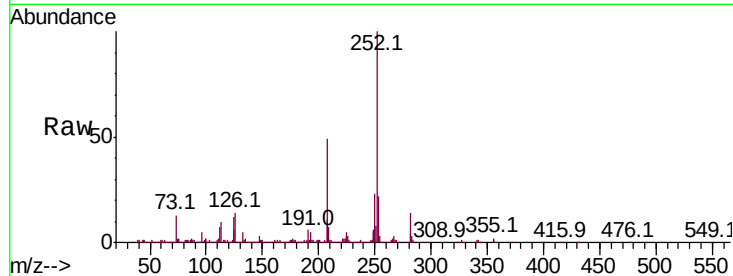
#91
Benzo(a)pyrene
Concen: 8.268 ng/ul
RT: 23.10 min Scan# 3437
Delta R.T. -0.00 min
Lab File: BM026140.D
Acq: 27 May 2020 11:48

Instrument :
BNA_M
ClientSampleId :
ETKW9DL

Tot Ion:	252	Resp:	413303
Ion Ratio	Lower	Upper	
252	100		
253	22.3	17.6	26.4
125	12.3	9.8	14.6

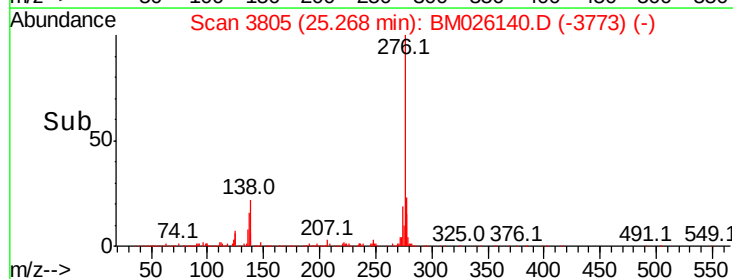
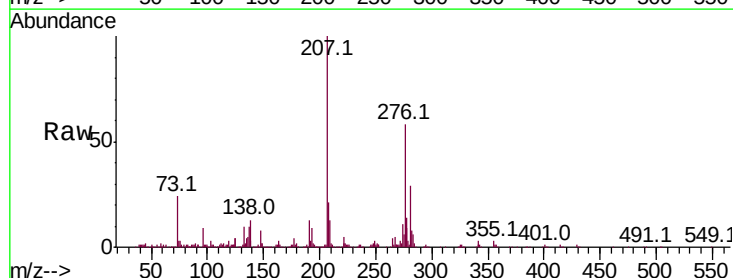
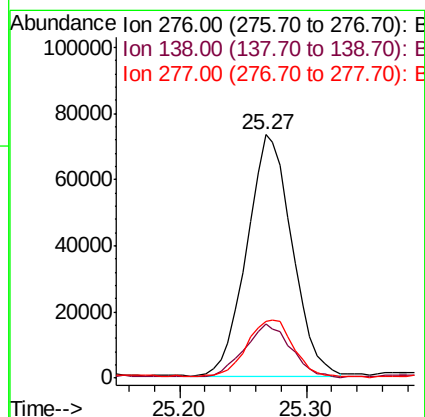
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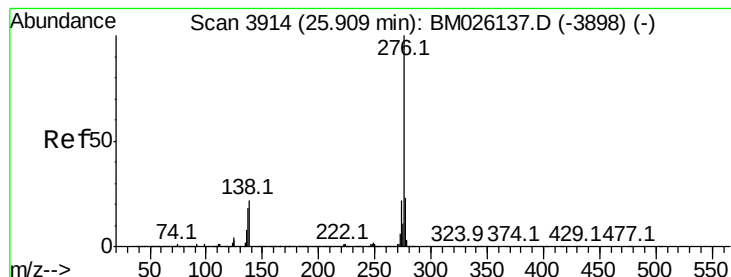
mohammad
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#92
Indeno(1,2,3-cd)pyrene
Concen: 2.779 ng/ul
RT: 25.27 min Scan# 3805
Delta R.T. -0.01 min
Lab File: BM026140.D
Acq: 27 May 2020 11:48

Tgt Ion:	276	Resp:	180305
Ion Ratio	Lower	Upper	
276	100		
138	22.3	21.6	32.4
277	23.4	20.3	30.5





#94

Benzo(a,h,i)perylene

Concen: 4.174 ng/ul

RT: 25.90 min Scan# 3913

Delta R.T. -0.01 min

Lab File: BM026140.D

Acq: 27 May 2020 11:48

Instrument :

BNA_M

ClientSampleId :

ETKW9DL

Tot Ion:	276	Resp:	226043
Ion Ratio	Lower	Upper	
276	100		
138	22.5	18.7	28.1
277	22.8	18.8	28.2

Manual Integrations
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