

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061120\
 Data File : BM026351.D
 Acq On : 11 Jun 2020 12:04
 Operator : JU/CG
 Sample : L2965-04
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SIDEWALK-COMP

Manual Integrations
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mohammad
 6/15/2020 8:43:14 AM

Quant Time: Jun 11 12:51:49 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM060520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 09 14:46:47 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.42	152	134868	20.00	ng	-0.01
21) Naphthalene-d8	10.17	136	528365	20.00	ng	-0.01
39) Acenaphthene-d10	14.07	164	300674	20.00	ng	-0.01
64) Phenanthrene-d10	16.82	188	630356	20.00	ng	-0.01
76) Chrysene-d12	21.03	240	696064	20.00	ng	-0.01
86) Perylene-d12	23.13	264	785797	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.05	112	392980	51.52	ng	-0.01
7) Phenol-d6	6.62	99	677811	61.36	ng	-0.01
23) Nitrobenzene-d5	8.56	82	522770	48.58	ng	-0.01
42) 2,4,6-Tribromophenol	15.57	330	215599	59.19	ng	-0.02
45) 2-Fluorobiphenyl	12.68	172	1028656	51.93	ng	-0.01
79) Terphenyl-d14	19.48	244	1657078	46.21	ng	-0.01
Target Compounds						
50) Dimethylphthalate	13.54	163	95227	4.330	ng	97
71) Phenanthrene	16.86	178	68205	2.078	ng	98
75) Fluoranthene	18.89	202	211872	5.630	ng	99
78) Pyrene	19.25	202	170906	3.716	ng	100
83) Chrysene	21.07	228	103585	2.602	ng	97
88) Benzo(b)fluoranthene	22.52	252	157411m	3.330	ng	
90) Benzo(a)pyrene	23.04	252	87075	2.074	ng	95
92) Benzo(g,h,i)perylene	25.79	276	93514	2.590	ng	98

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

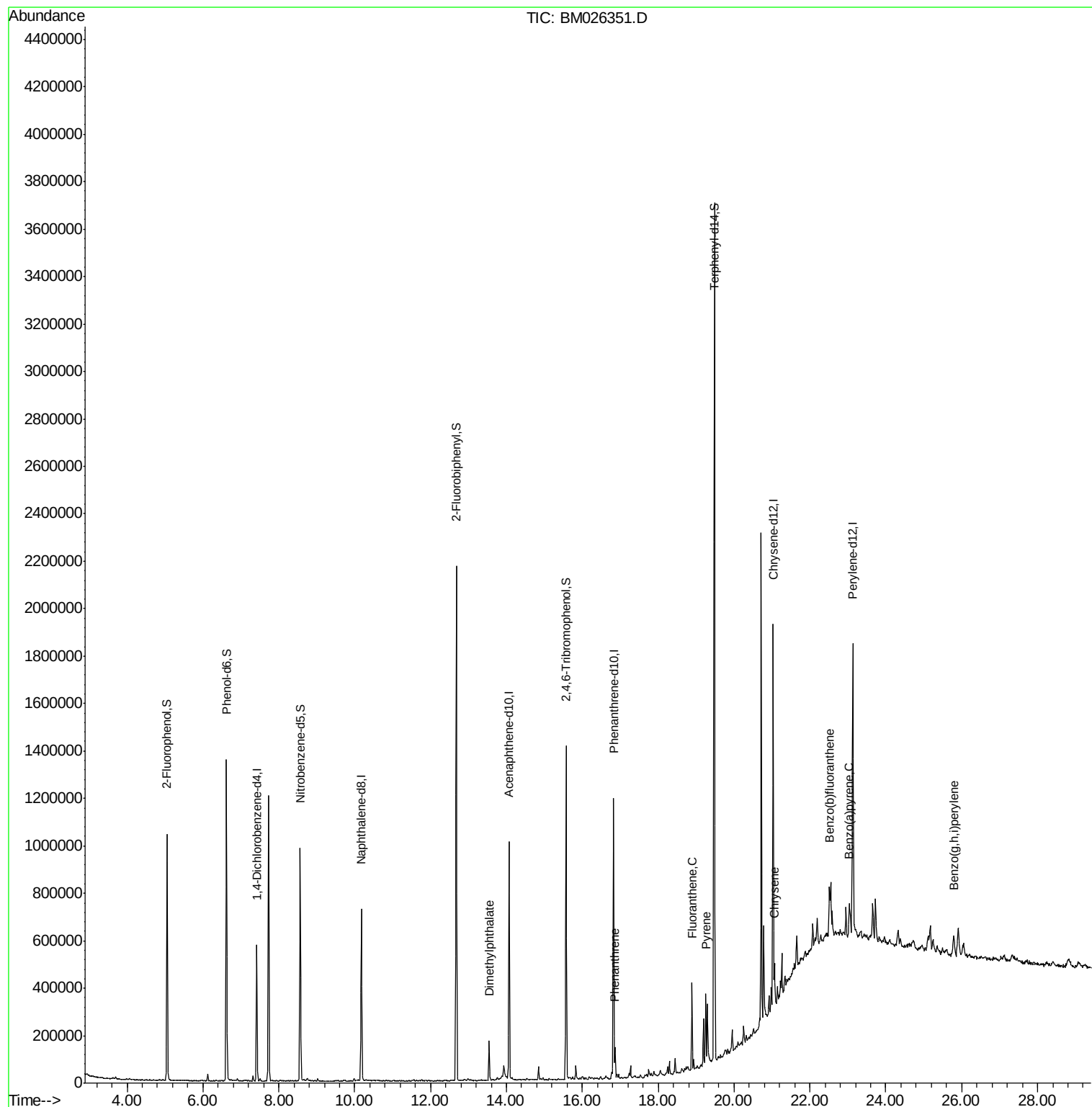
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061120\
Data File : BM026351.D
Acq On : 11 Jun 2020 12:04
Operator : JU/CG
Sample : L2965-04
Misc :
ALS Vial : 4 Sample Multiplier: 1

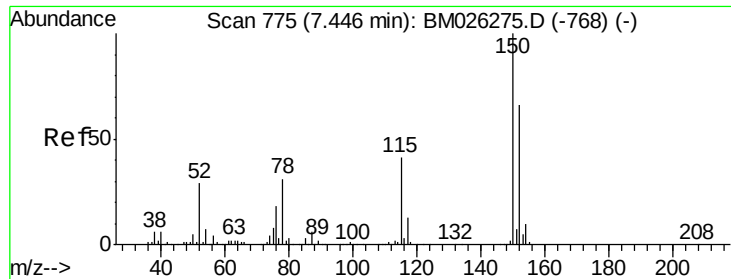
Instrument :
BNA_M
ClientSampleId :
SIDEWALK-COMP

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#1

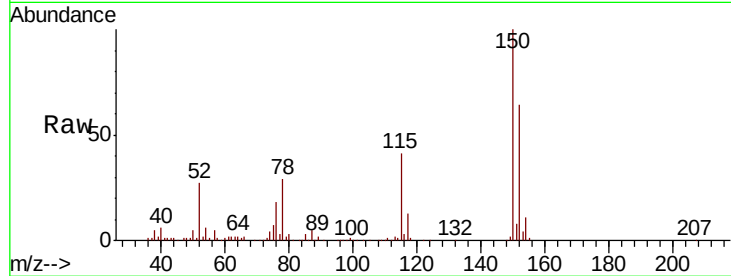
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.42 min Scan# 770
Delta R.T. -0.01 min
Lab File: BM026351.D
Acq: 11 Jun 2020 12:04

Instrument :
BNA_M
ClientSampleId :
SIDEWALK-COMP

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.2	122.1	183.1
115	63.5	49.7	74.5

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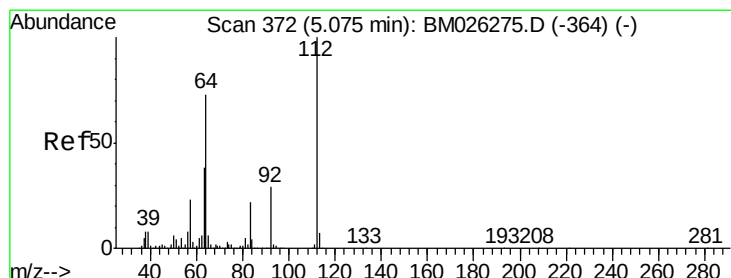
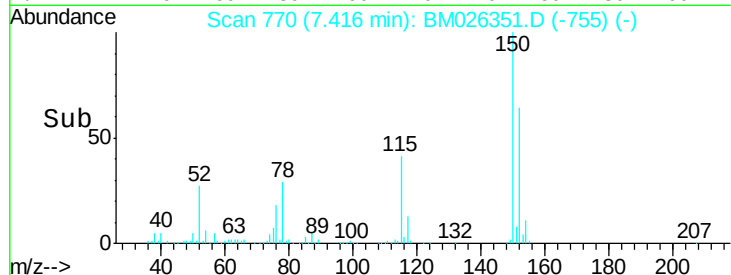
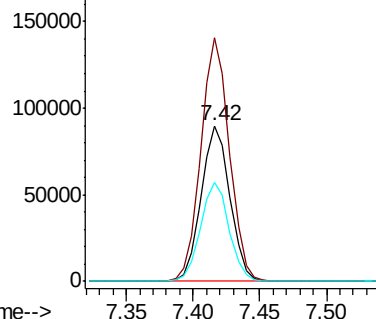


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

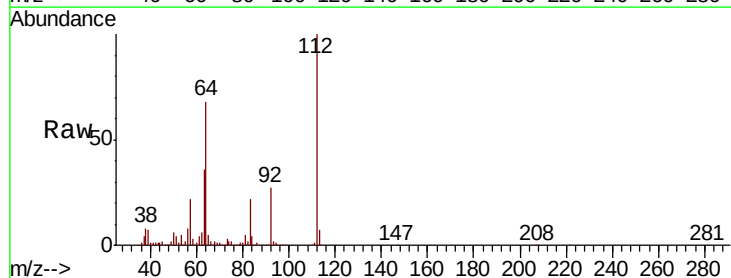
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 51.517 ng
RT: 5.05 min Scan# 368
Delta R.T. -0.01 min
Lab File: BM026351.D
Acq: 11 Jun 2020 12:04

Tgt Ion	Ratio	Lower	Upper
112	100		
64	68.1	58.1	87.1
63	35.9	30.6	45.8

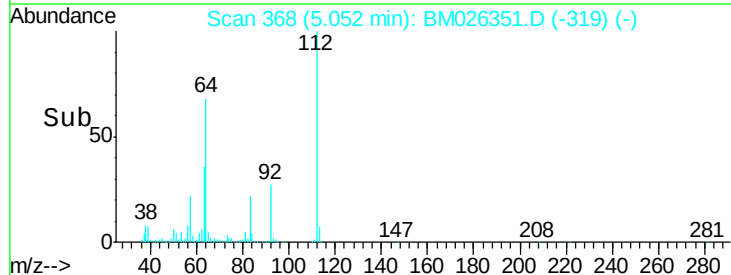
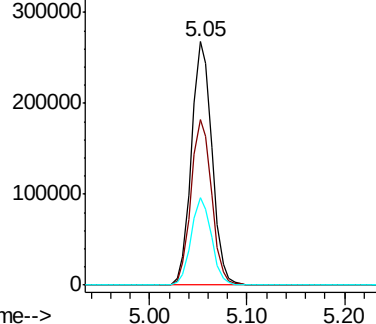


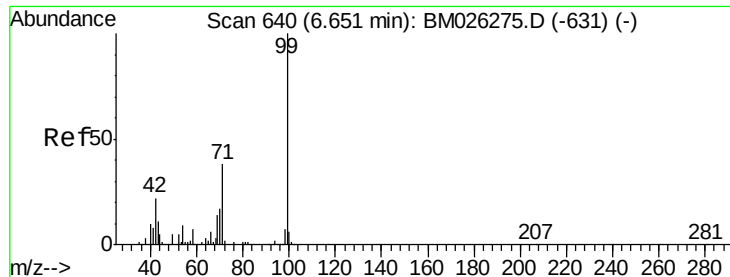
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BM0

Ion 63.00 (62.70 to 63.70): BM0





#7

Phenol-d6

Concen: 61.363 ng

RT: 6.62 min Scan# 635

Delta R.T. -0.01 min

Lab File: BM026351.D

Acq: 11 Jun 2020 12:04

Instrument :

BNA_M

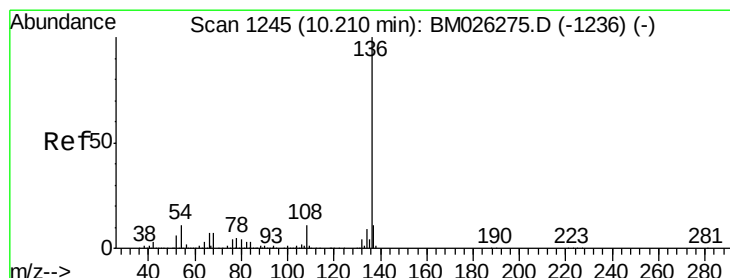
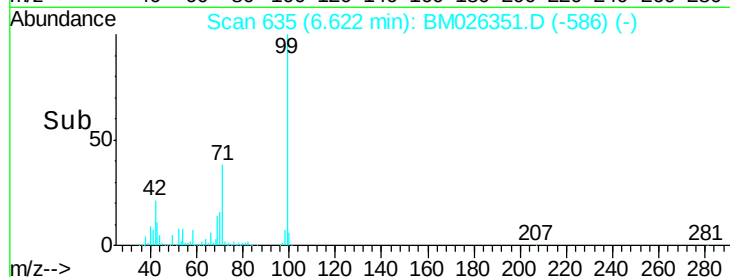
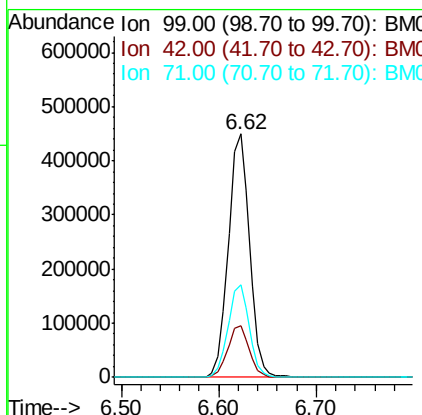
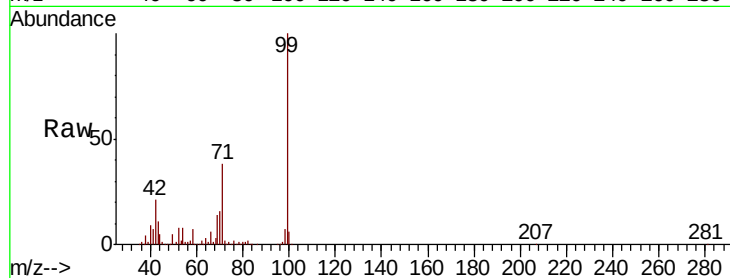
ClientSampleId :

SIDEWALK-COMP

Tot Ion:	99	Resp:	677811
Ion Ratio	Lower	Upper	
99	100		
42	21.5	18.0	27.0
71	37.9	30.6	45.8

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#21

Naphthalene-d8

Concen: 20.000 ng

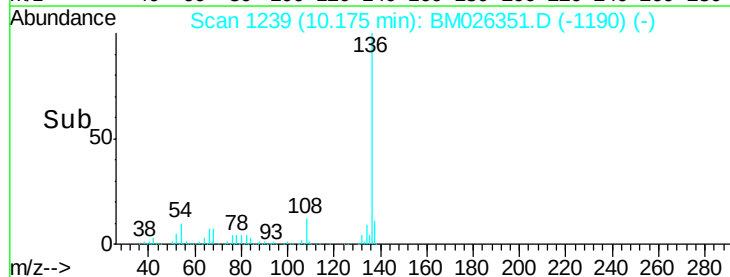
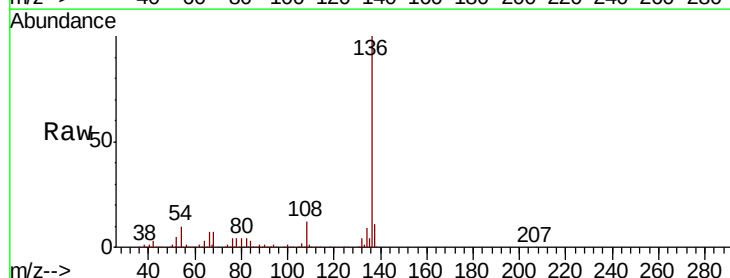
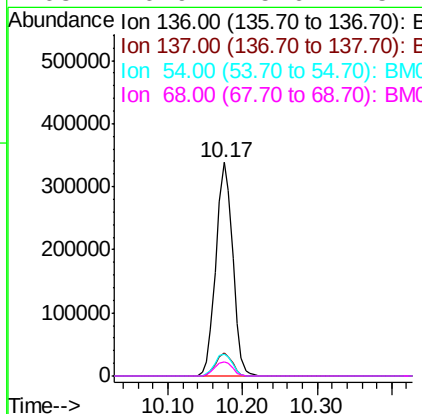
RT: 10.17 min Scan# 1239

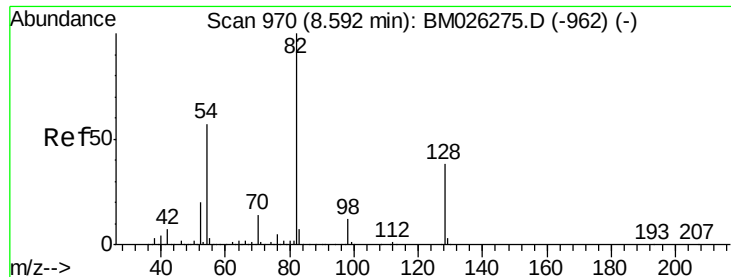
Delta R.T. -0.01 min

Lab File: BM026351.D

Acq: 11 Jun 2020 12:04

Tgt Ion:	136	Resp:	528365
Ion Ratio	Lower	Upper	
136	100		
137	10.5	8.6	13.0
54	10.3	9.0	13.4
68	6.9	5.6	8.4





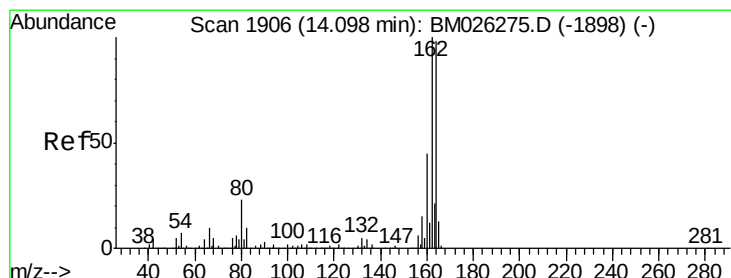
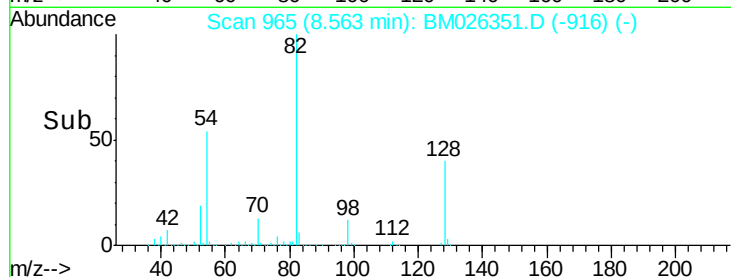
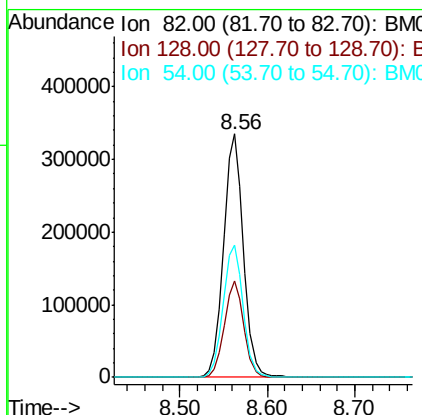
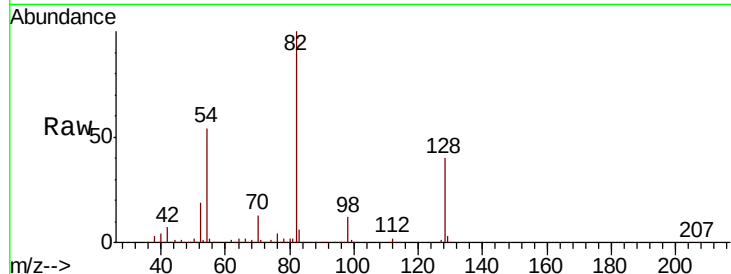
#23
Nitrobenzene-d5
Concen: 48.580 ng
RT: 8.56 min Scan# 965
Delta R.T. -0.01 min
Lab File: BM026351.D
Acq: 11 Jun 2020 12:04

Instrument :
BNA_M
ClientSampleId :
SIDEWALK-COMP

Tot Ion	Ratio	Resp	Lower	Upper
82	100	522770		
128	39.6		30.3	45.5
54	54.4		45.4	68.2

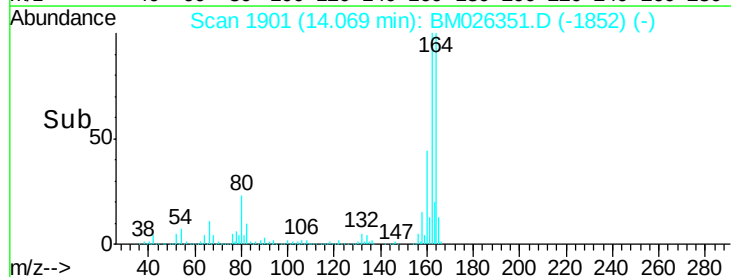
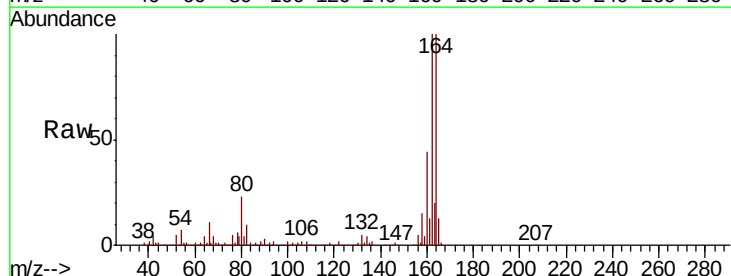
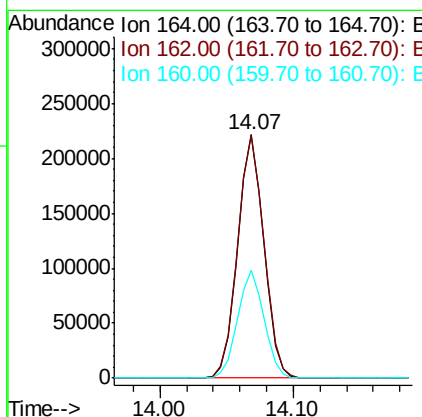
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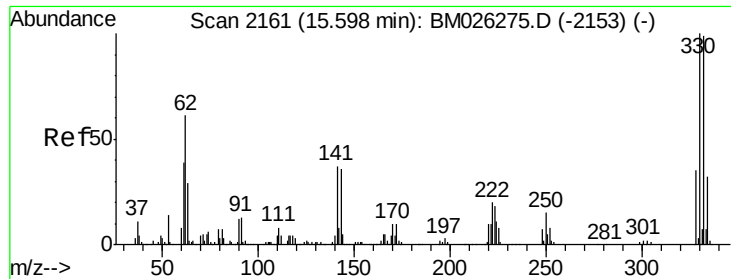
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.07 min Scan# 1901
Delta R.T. -0.01 min
Lab File: BM026351.D
Acq: 11 Jun 2020 12:04

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	300674		
162	99.8		81.4	122.2
160	44.3		36.4	54.6





#42

2,4,6-Tribromophenol

Concen: 59.194 ng

RT: 15.57 min Scan# 2156

Delta R.T. -0.02 min

Lab File: BM026351.D

Acq: 11 Jun 2020 12:04

Instrument :

BNA_M

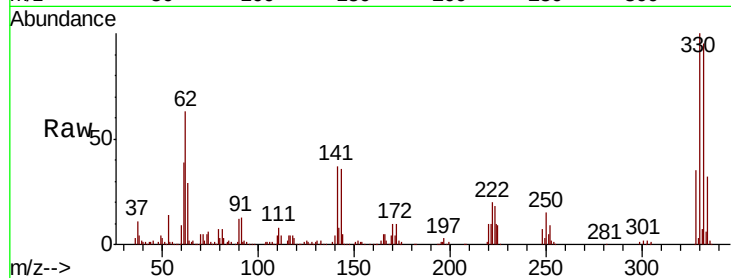
ClientSampleId :

SIDEWALK-COMP

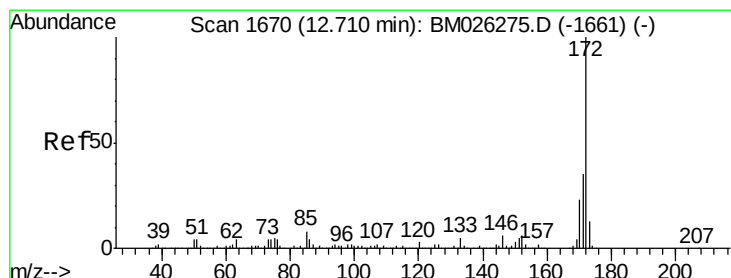
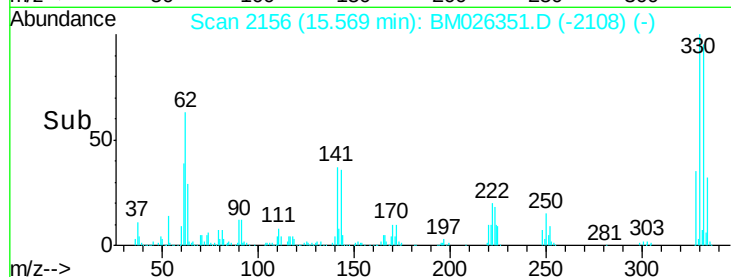
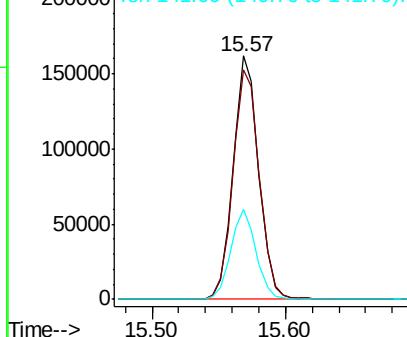
Tot Ion:	330	Resp:	215599
Ion Ratio	Lower	Upper	
330	100		
332	97.7	78.1	117.1
141	36.8	30.0	45.0

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Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E



#45

2-Fluorobiphenyl

Concen: 51.932 ng

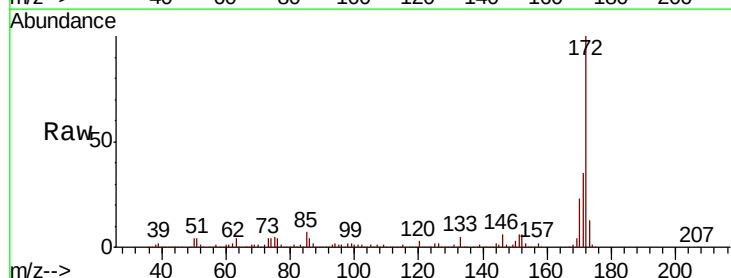
RT: 12.68 min Scan# 1665

Delta R.T. -0.01 min

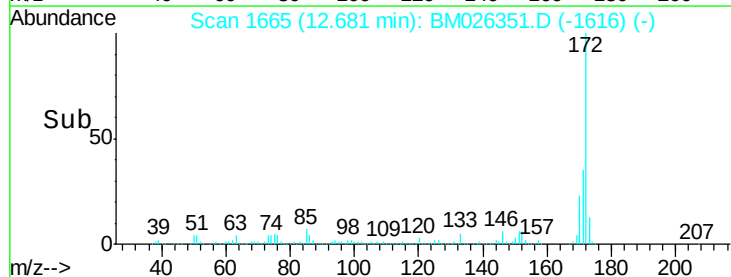
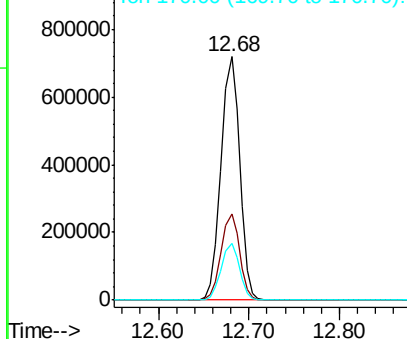
Lab File: BM026351.D

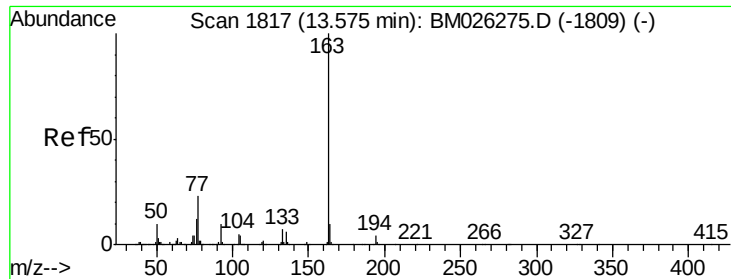
Acq: 11 Jun 2020 12:04

Tgt Ion:	172	Resp:	1028656
Ion Ratio	Lower	Upper	
172	100		
171	35.2	28.2	42.2
170	23.3	18.3	27.5



Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E





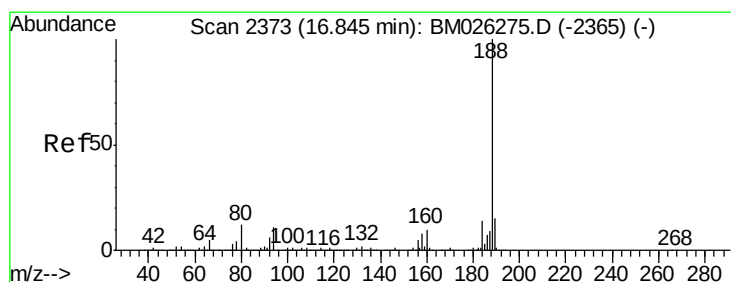
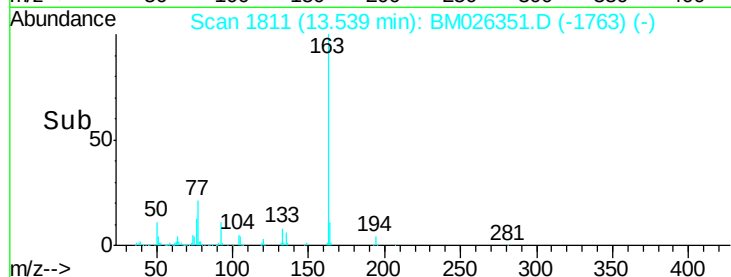
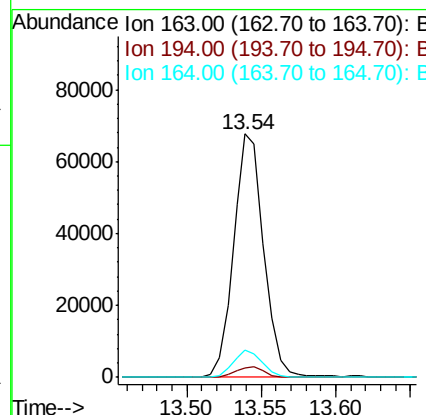
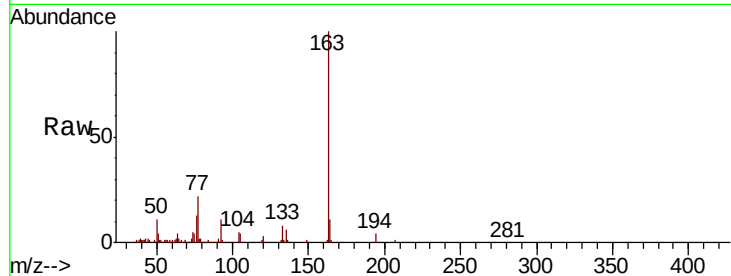
#50
Dimethylphthalate
Concen: 4.330 ng
RT: 13.54 min Scan# 1811
Delta R.T. -0.02 min
Lab File: BM026351.D
Acq: 11 Jun 2020 12:04

Instrument :
BNA_M
ClientSampleId :
SIDEWALK-COMP

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.4	5.2
164	11.4	8.0	12.0

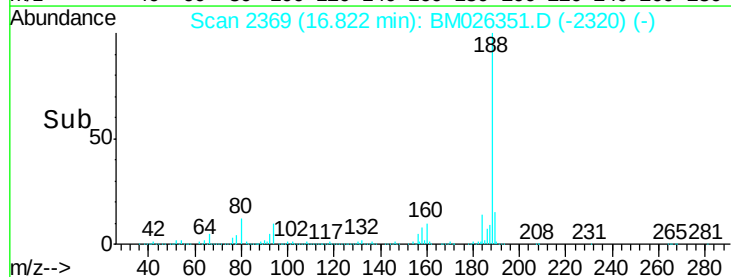
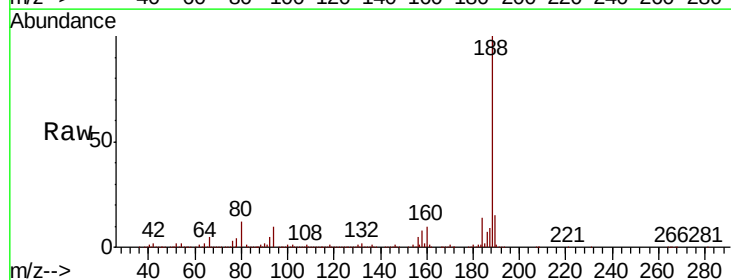
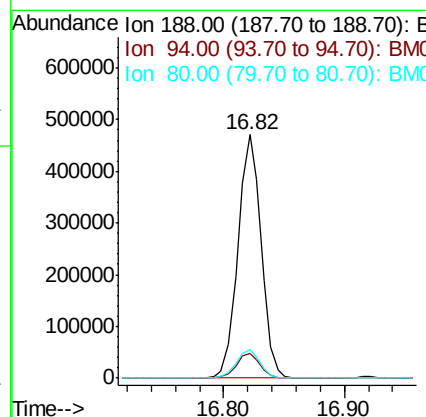
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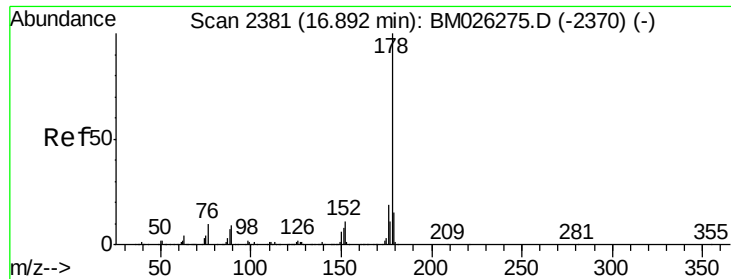
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.82 min Scan# 2369
Delta R.T. -0.01 min
Lab File: BM026351.D
Acq: 11 Jun 2020 12:04

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.0	8.6	12.8
80	11.9	9.7	14.5





#71

Phenanthrene

Concen: 2.078 ng

RT: 16.86 min Scan# 2376

Delta R.T. -0.01 min

Lab File: BM026351.D

Acq: 11 Jun 2020 12:04

Instrument :

BNA_M

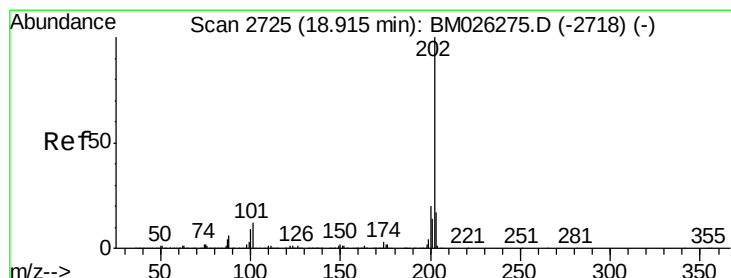
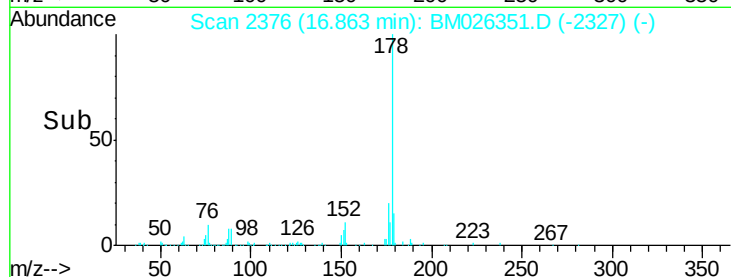
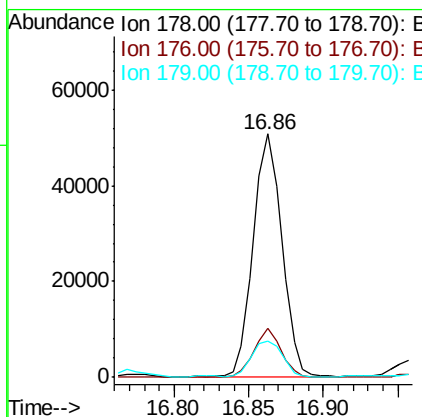
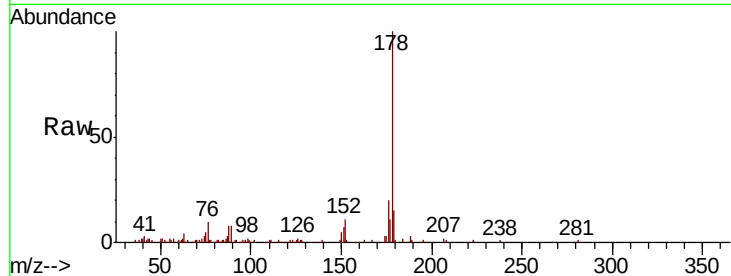
ClientSampleId :

SIDEWALK-COMP

Tot Ion:	178	Resp:	68205
Ion Ratio	Lower	Upper	
178	100		
176	20.0	14.9	22.3
179	14.9	12.0	18.0

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#75

Fluoranthene

Concen: 5.630 ng

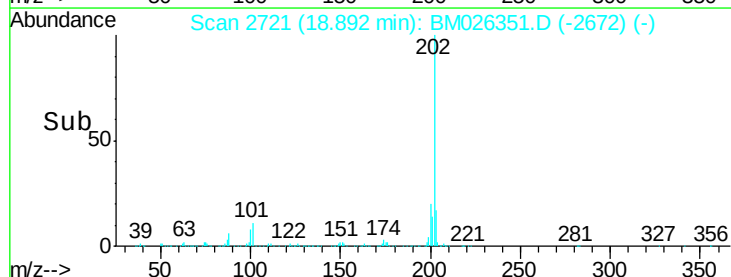
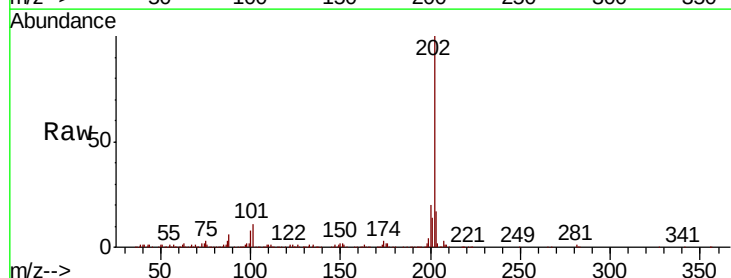
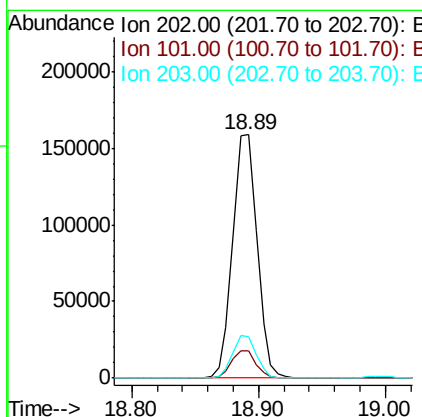
RT: 18.89 min Scan# 2721

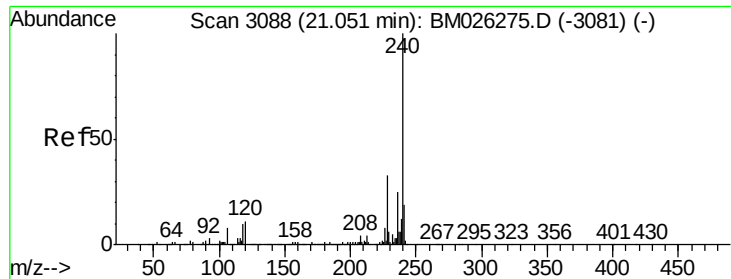
Delta R.T. -0.01 min

Lab File: BM026351.D

Acq: 11 Jun 2020 12:04

Tgt Ion:	202	Resp:	211872
Ion Ratio	Lower	Upper	
202	100		
101	11.2	0.0	31.6
203	16.7	0.0	37.4





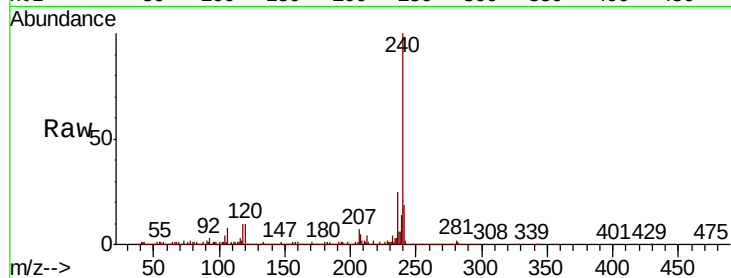
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.03 min Scan# 3085
Delta R.T. -0.01 min
Lab File: BM026351.D
Acq: 11 Jun 2020 12:04

Instrument :
BNA_M
ClientSampleId :
SIDEWALK-COMP

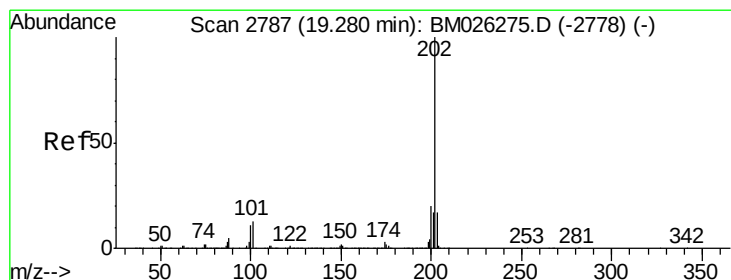
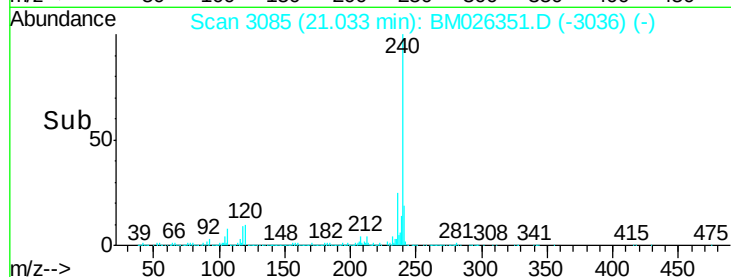
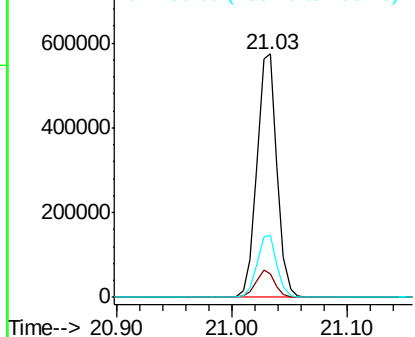
Tot Ion:	240	Resp:	696064
Ion Ratio	Lower	Upper	
240	100		
120	9.6	8.9	13.3
236	25.3	19.7	29.5

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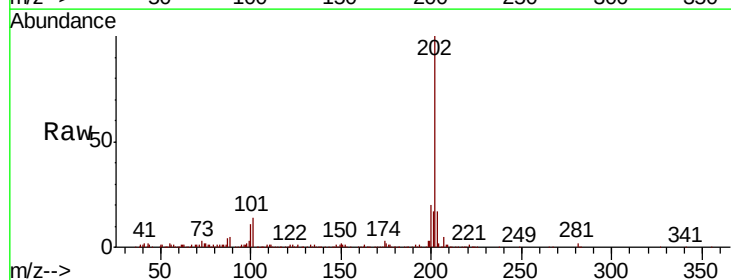


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

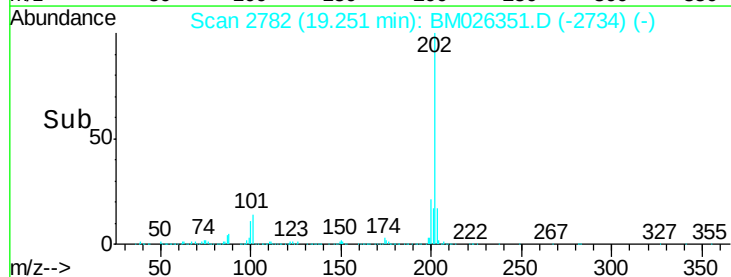
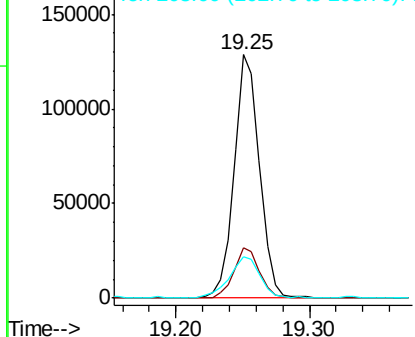


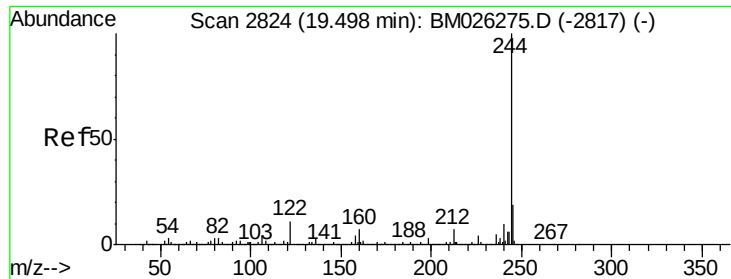
#78
Pyrene
Concen: 3.716 ng
RT: 19.25 min Scan# 2782
Delta R.T. -0.02 min
Lab File: BM026351.D
Acq: 11 Jun 2020 12:04

Tgt Ion:	202	Resp:	170906
Ion Ratio	Lower	Upper	
202	100		
200	20.5	16.2	24.4
203	17.3	13.8	20.8



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





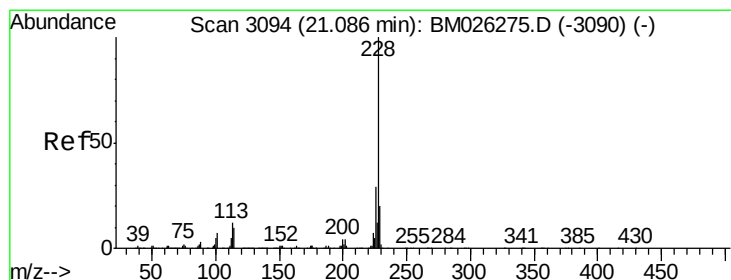
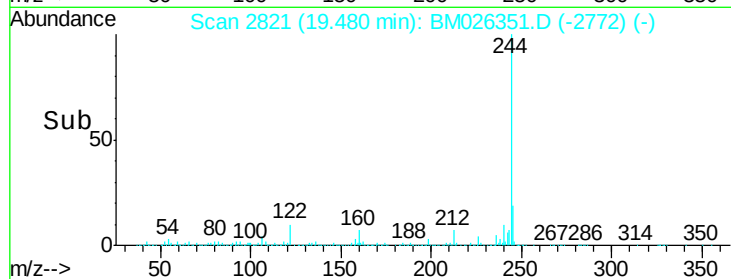
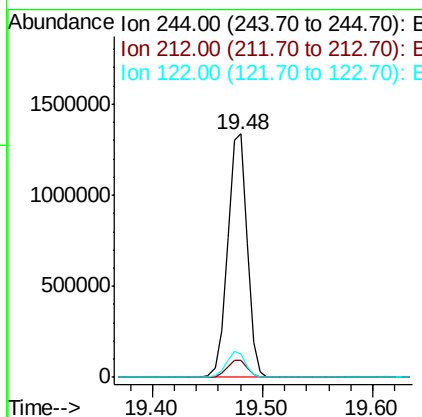
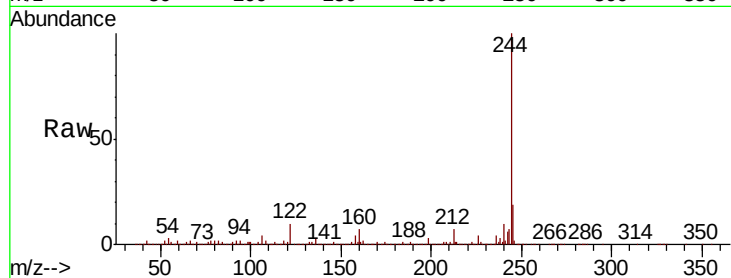
#79
 Terphenyl-d14
 Concen: 46.212 ng
 RT: 19.48 min Scan# 2821
 Delta R.T. -0.01 min
 Lab File: BM026351.D
 Acq: 11 Jun 2020 12:04

Instrument :
 BNA_M
 ClientSampleId :
 SIDEWALK-COMP

Tot Ion:244 Resp: 1657078
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.7 8.5
 122 9.8 9.1 13.7

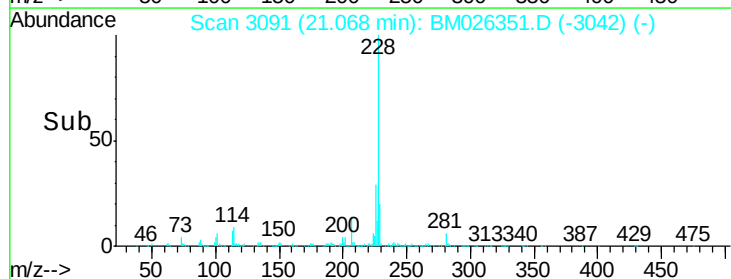
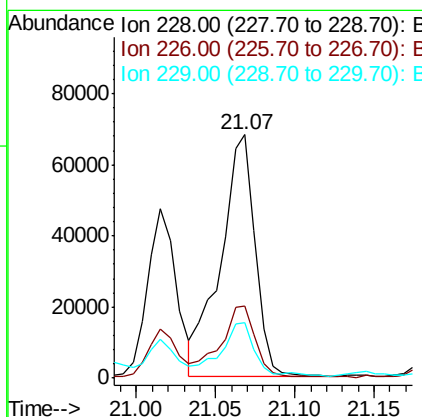
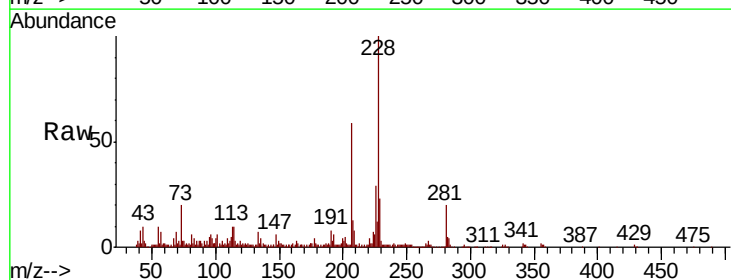
Manual Integrations
 APPROVED

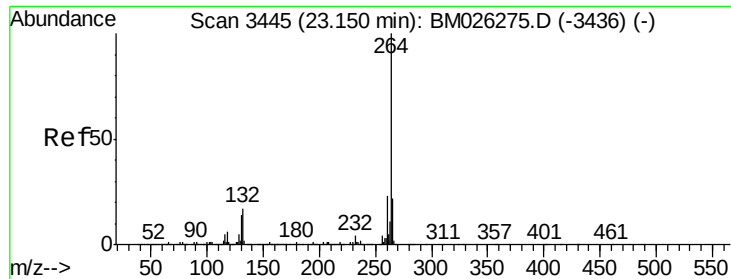
mohammad
 6/15/2020 8:43:14 AM



#83
 Chrysene
 Concen: 2.602 ng
 RT: 21.07 min Scan# 3091
 Delta R.T. -0.01 min
 Lab File: BM026351.D
 Acq: 11 Jun 2020 12:04

Tgt Ion:228 Resp: 103585
 Ion Ratio Lower Upper
 228 100
 226 29.4 23.5 35.3
 229 22.8 15.8 23.6





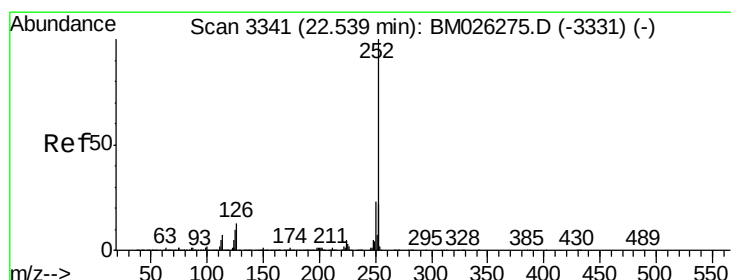
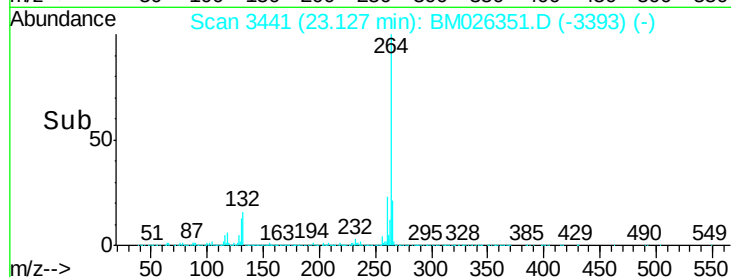
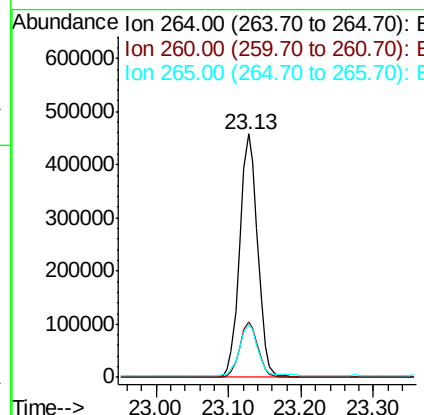
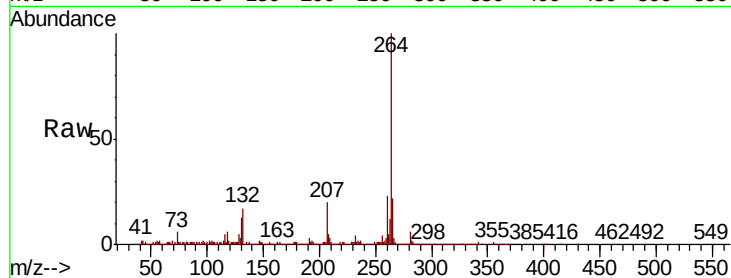
#86
Pervlene-d12
Concen: 20.000 ng
RT: 23.13 min Scan# 3441
Delta R.T. -0.02 min
Lab File: BM026351.D
Acq: 11 Jun 2020 12:04

Instrument :
BNA_M
ClientSampleId :
SIDEWALK-COMP

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.0	18.6	28.0
265	21.8	18.2	27.2

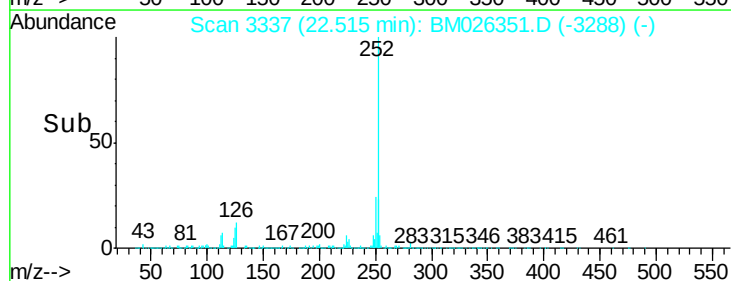
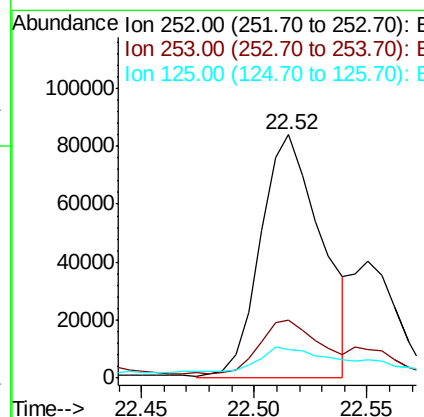
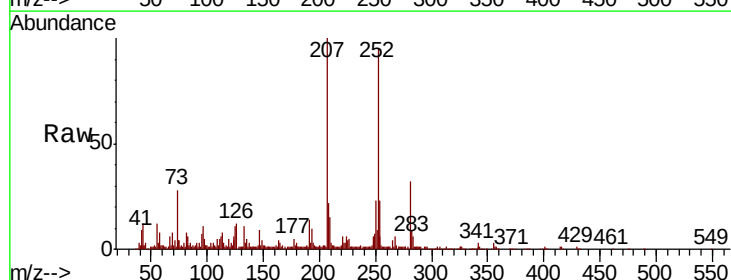
Manual Integrations
APPROVED

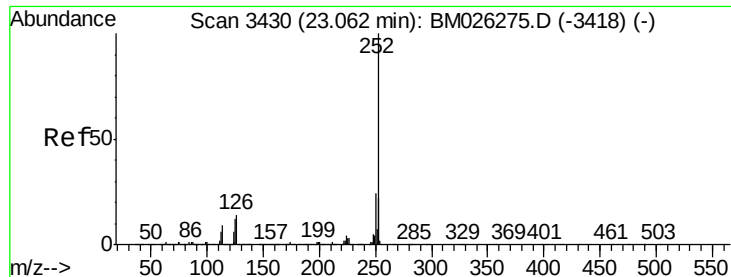
mohammad
6/15/2020 8:43:14 AM



#88
Benzo(b)fluoranthene
Concen: 3.330 ng m
RT: 22.52 min Scan# 3337
Delta R.T. -0.01 min
Lab File: BM026351.D
Acq: 11 Jun 2020 12:04

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.0	17.6	26.4
125	11.9	7.9	11.9





#90

Benzo(a)pyrene

Concen: 2.074 ng

RT: 23.04 min Scan# 3426

Delta R.T. -0.02 min

Lab File: BM026351.D

Acq: 11 Jun 2020 12:04

Instrument :

BNA_M

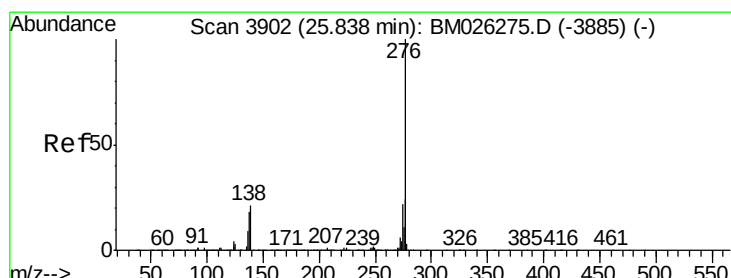
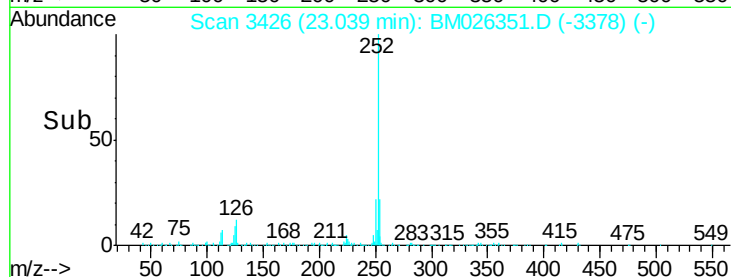
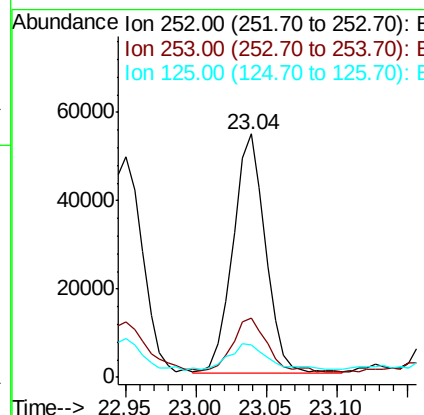
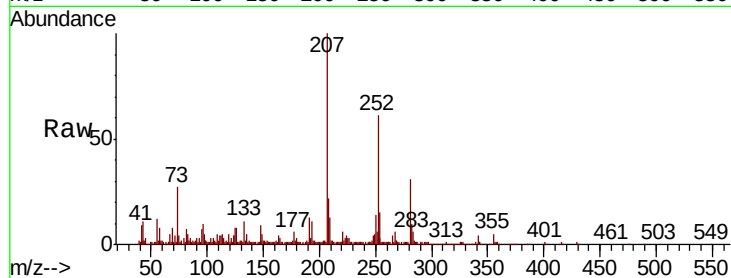
ClientSampleId :

SIDEWALK-COMP

Tot Ion:	252	Resp:	87075
Ion Ratio	Lower	Upper	
252	100		
253	24.1	17.5	26.3
125	13.5	9.4	14.0

Manual Integrations
APPROVED

mohammad
6/15/2020 8:43:14 AM



#92

Benzo(g,h,i)perylene

Concen: 2.590 ng

RT: 25.79 min Scan# 3894

Delta R.T. -0.04 min

Lab File: BM026351.D

Acq: 11 Jun 2020 12:04

Tgt Ion:	276	Resp:	93514
Ion Ratio	Lower	Upper	
276	100		
277	22.7	19.3	28.9
138	20.8	16.5	24.7

