

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM052620\
 Data File : BM026116.D
 Acq On : 26 May 2020 16:17
 Operator : MA/SJ
 Sample : L2737-17DL 10X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleID :
 F9B26DL

Manual Integrations
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mohammad
 5/27/2020 11:47:00 AM

Quant Time: May 26 17:09:17 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051320MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue May 26 11:15:44 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.49	152	140662	20.00	ng/ul	0.00
18) Naphthalene-d8	10.26	136	572846	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.13	164	340291	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.88	188	729114	20.00	ng/ul	0.00
78) Chrysene-d12	21.08	240	823521	20.00	ng/ul	0.00
86) Perylene-d12	23.20	264	854662	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	0.00	96	0d	0.00	ng/uL	
5) Phenol-d5	6.69	99	8708	0.68	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.85	67	27394	3.10	ng/ul	0.00
9) 2-Chlorophenol-d4	7.03	132	23718	2.37	ng/ul	0.00
13) 4-Methylphenol-d8	8.20	113	15401	1.60	ng/ul	0.00
19) Nitrobenzene-d5	8.63	128	15203	3.26	ng/ul	0.00
22) 2-Nitrophenol-d4	9.35	143	13511	2.92	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.89	165	27883	3.01	ng/ul	0.00
29) 4-Chloroaniline-d4	0.00	131	0d	0.00	ng/ul	
44) Dimethylphthalate-d6	13.56	166	99170	3.63	ng/ul	0.00
47) Acenaphthylene-d8	13.82	160	104469	3.23	ng/ul	0.00
52) 4-Nitrophenol-d4	0.00	143	0d	0.00	ng/ul	
58) Fluorene-d10	15.13	176	86978	3.66	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.26	200	8621	2.03	ng/ul	0.00
71) Anthracene-d10	16.98	188	137088	3.82	ng/ul	0.00
79) Pyrene-d10	19.28	212	159975	3.78	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.06	264	157190	3.46	ng/ul	0.00

Target Compounds

						Qvalue
6) Phenol	6.72	94	27163	1.90	ng/ul	95
11) 2-Methylphenol	7.95	108	45529	4.62	ng/ul	98
16) 4-Methylphenol	8.26	108	65150	6.08	ng/ul	88
24) 2,4-Dimethylphenol	9.46	107	163133m	12.72	ng/ul	
28) Naphthalene	10.31	128	19086216m	544.93	ng/ul	
34) 2-Methylnaphthalene	11.92	142	1083446	45.99	ng/ul	99
41) 1,1'-Biphenyl	12.96	154	227364	7.53	ng/ul	99
50) Acenaphthene	14.20	153	1088015	43.47	ng/ul	99
54) Dibenzofuran	14.53	168	849575	24.15	ng/ul	98
59) Fluorene	15.19	166	597224	20.99	ng/ul	99
70) Phenanthrene	16.92	178	1001864	21.81	ng/ul	99
72) Anthracene	17.02	178	68416	1.48	ng/ul	97
75) Carbazole	17.29	167	1180281	30.96	ng/ul	100
77) Fluoranthene	18.94	202	160532	3.33	ng/ul	99
80) Pyrene	19.31	202	96919	1.68	ng/ul	98

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

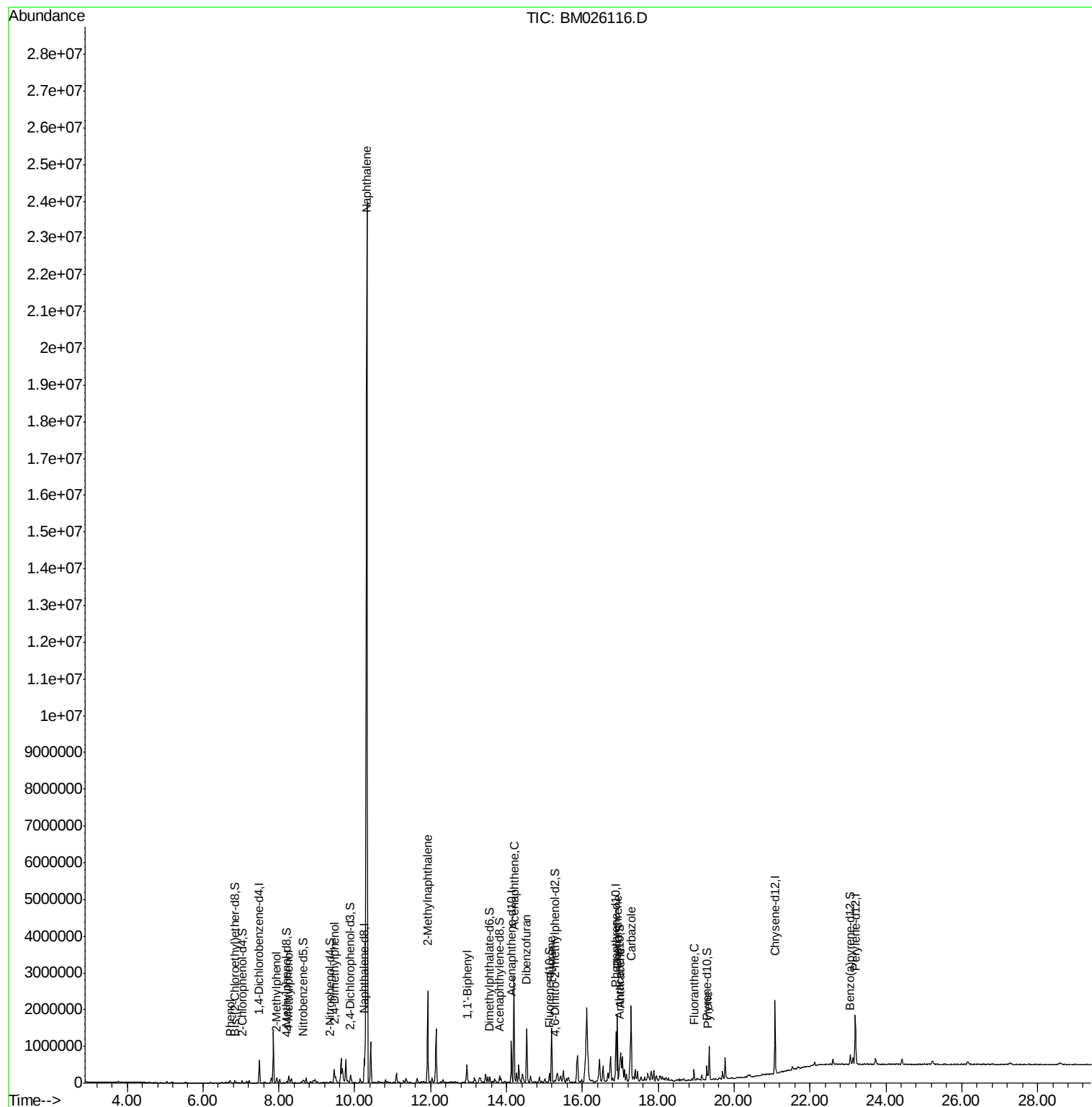
Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM052620\
Data File : BM026116.D
Acq On : 26 May 2020 16:17
Operator : MA/SJ
Sample : L2737-17DL 10X
Misc :
ALS Vial : 11 Sample Multiplier: 1

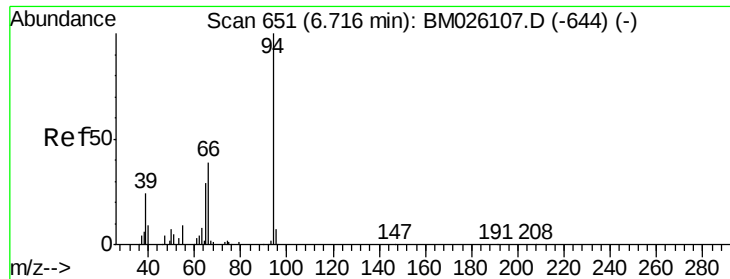
Instrument :
BNA_M
ClientSampleId :
F9B26DL

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Quant Time: May 26 17:09:17 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051320MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue May 26 11:15:44 2020
Response via : Initial Calibration





#6

Phenol

Concen: 1.90 ng/ul

RT: 6.72 min Scan# 651

Delta R.T. -0.00 min

Lab File: BM026116.D

Acq: 26 May 2020 16:17

Instrument :

BNA_M

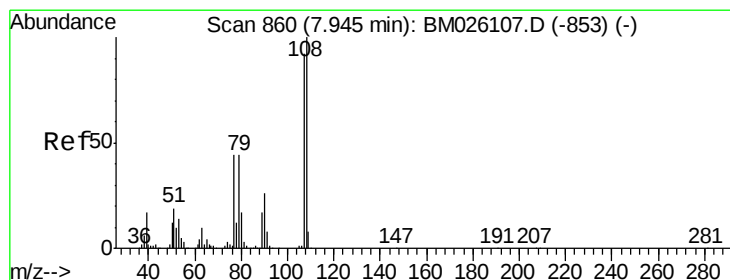
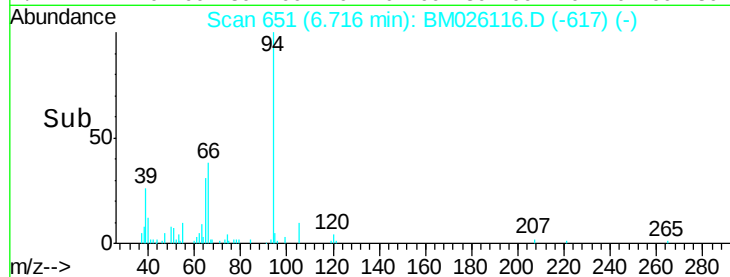
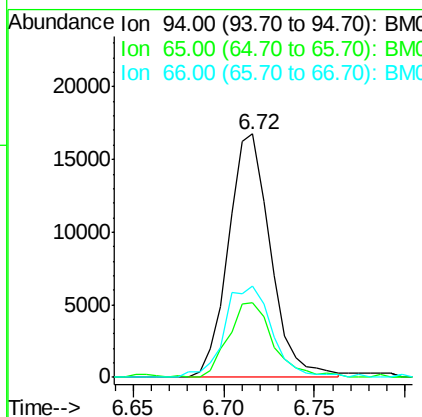
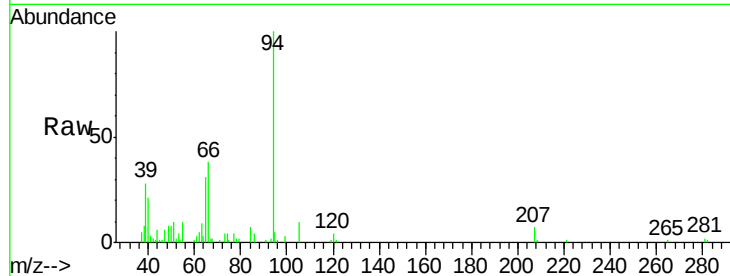
ClientSampleId :

F9B26DL

Tgt Ion:	94	Resp:	27163
Ion	Ratio	Lower	Upper
94	100		
65	30.9	25.8	38.8
66	37.6	33.3	49.9

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#11

2-Methylphenol

Concen: 4.62 ng/ul

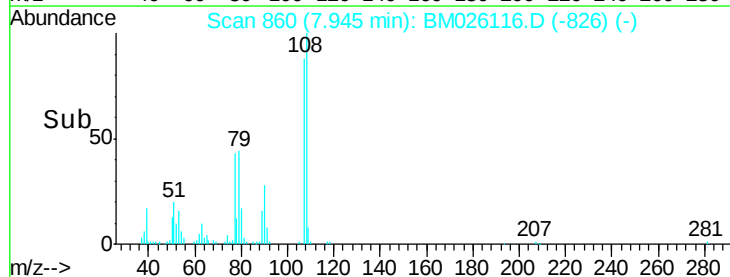
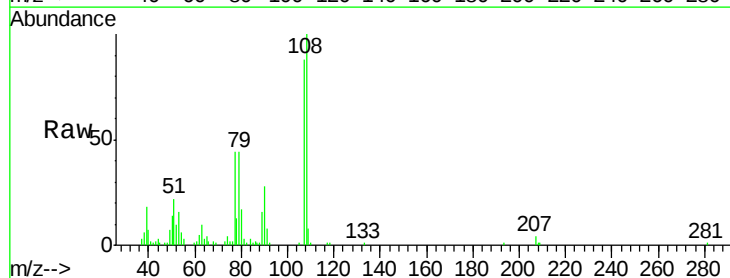
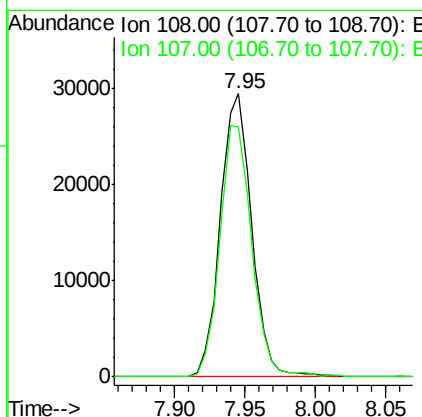
RT: 7.95 min Scan# 860

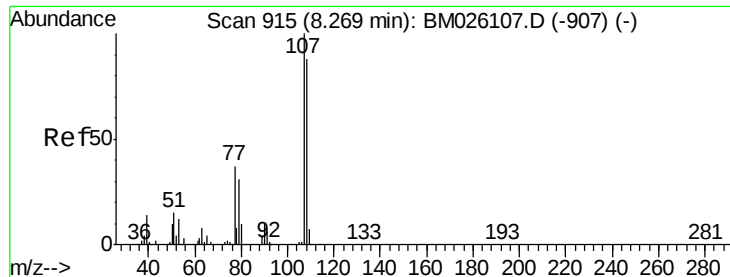
Delta R.T. -0.00 min

Lab File: BM026116.D

Acq: 26 May 2020 16:17

Tgt Ion:	108	Resp:	45529
Ion	Ratio	Lower	Upper
108	100		
107	88.4	72.3	108.5





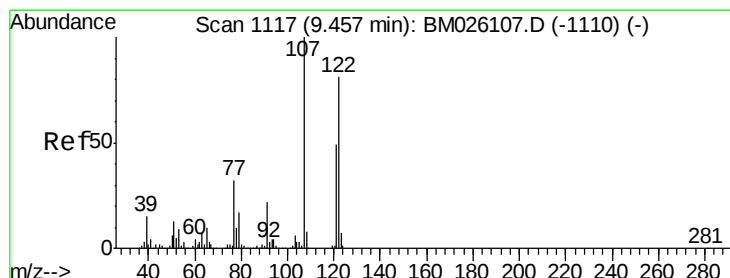
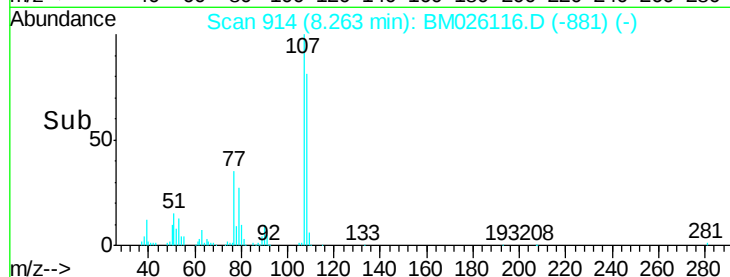
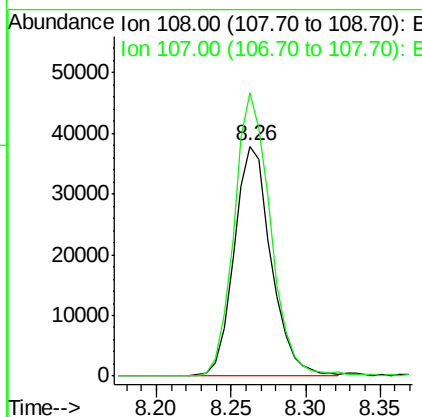
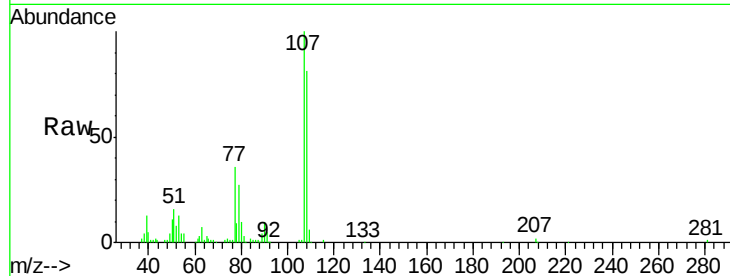
#16
4-Methylphenol
Concen: 6.08 ng/ul
RT: 8.26 min Scan# 914
Delta R.T. -0.01 min
Lab File: BM026116.D
Acq: 26 May 2020 16:17

Instrument :
BNA_M
ClientSampled :
F9B26DL

Tgt Ion	Ratio	Resp	Lower	Upper
108	100	65150		
107	123.2	88.6	132.8	

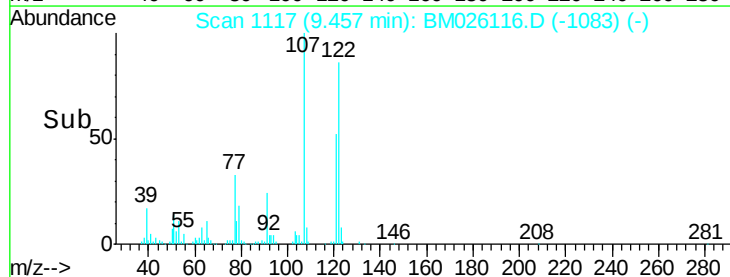
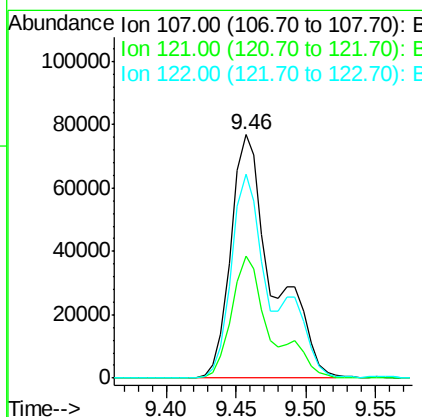
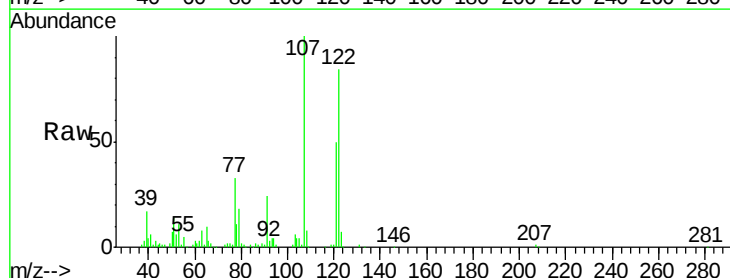
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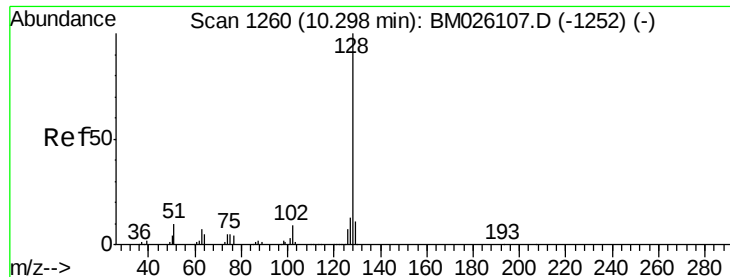
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#24
2,4-Dimethylphenol
Concen: 12.72 ng/ul m
RT: 9.46 min Scan# 1117
Delta R.T. -0.00 min
Lab File: BM026116.D
Acq: 26 May 2020 16:17

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	163133		
121	50.1	37.5	56.3	
122	83.7	63.8	95.6	





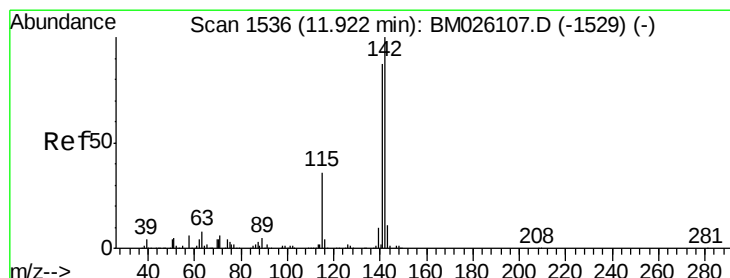
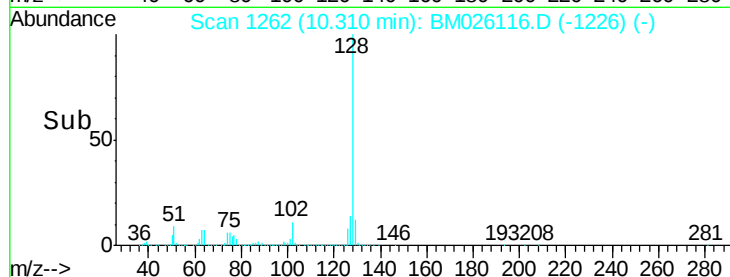
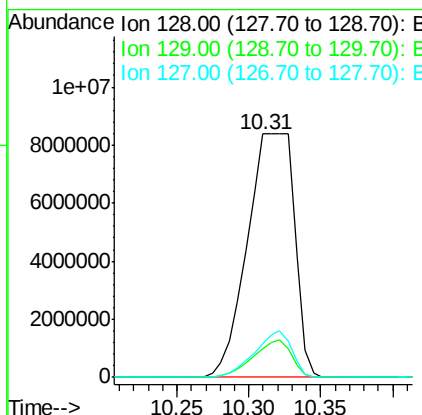
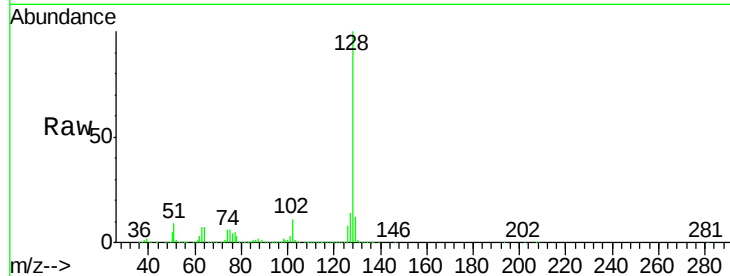
#28
Naphthalene
Concen: 544.93 ng/ul m
RT: 10.31 min Scan# 1262
Delta R.T. 0.01 min
Lab File: BM026116.D
Acq: 26 May 2020 16:17

Instrument :
BNA_M
ClientSampleId :
F9B26DL

Tgt Ion:128 Resp:19086216
Ion Ratio Lower Upper
128 100
129 11.8 9.0 13.4
127 14.1 10.6 15.8

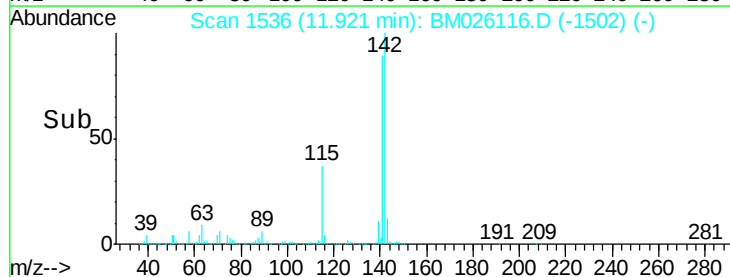
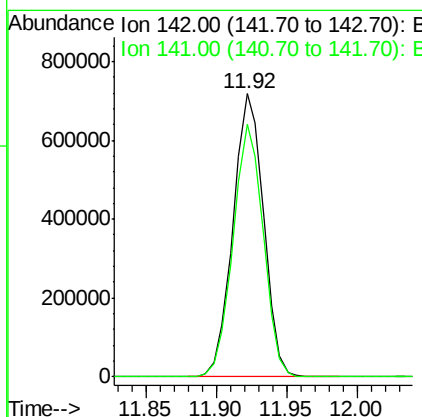
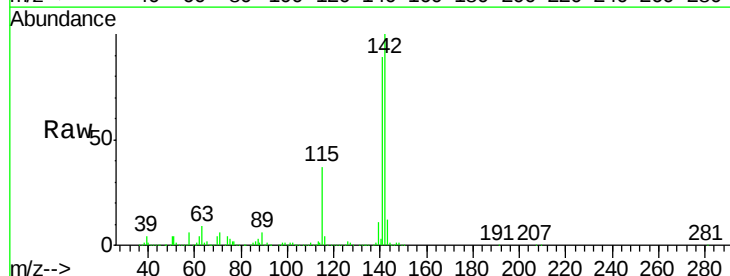
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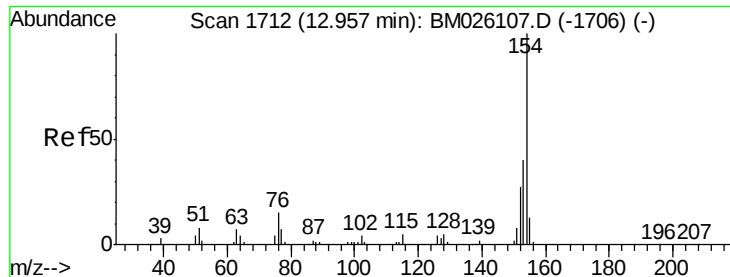
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#34
2-Methylnaphthalene
Concen: 45.99 ng/ul
RT: 11.92 min Scan# 1536
Delta R.T. -0.00 min
Lab File: BM026116.D
Acq: 26 May 2020 16:17

Tgt Ion:142 Resp: 1083446
Ion Ratio Lower Upper
142 100
141 89.2 71.8 107.6





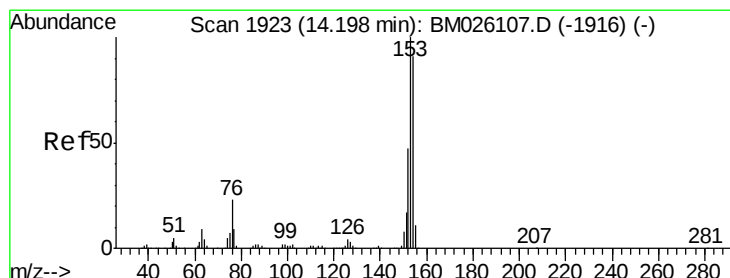
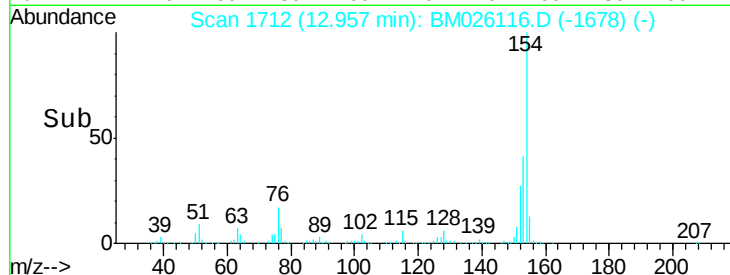
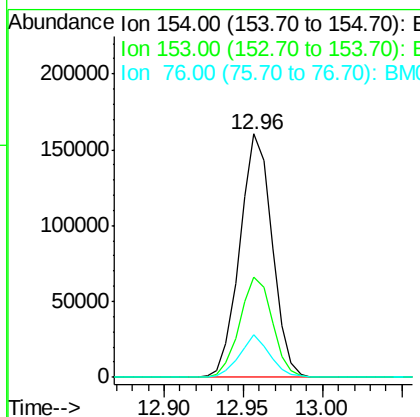
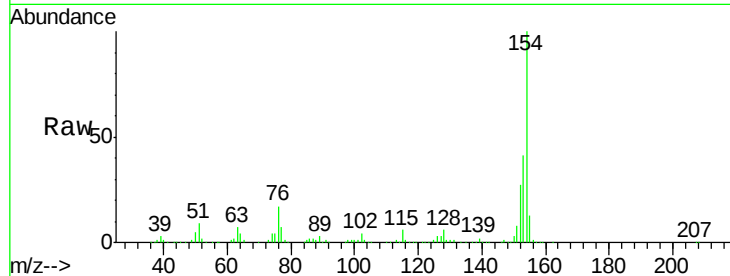
#41
1,1'-Biphenyl
Concen: 7.53 ng/ul
RT: 12.96 min Scan# 1712
Delta R.T. -0.00 min
Lab File: BM026116.D
Acq: 26 May 2020 16:17

Instrument :
BNA_M
ClientSampleId :
F9B26DL

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	227364		
153	41.1	32.3	48.5	
76	17.3	13.0	19.6	

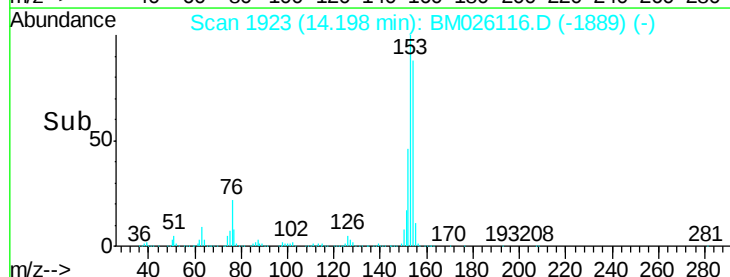
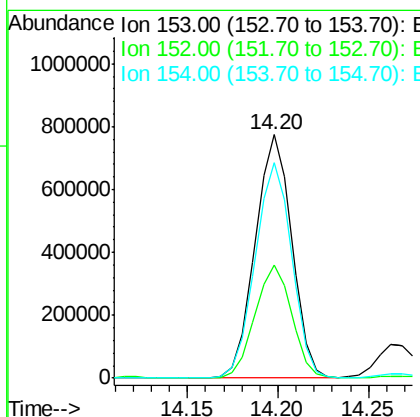
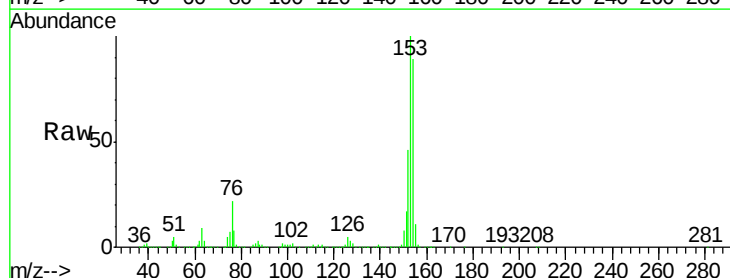
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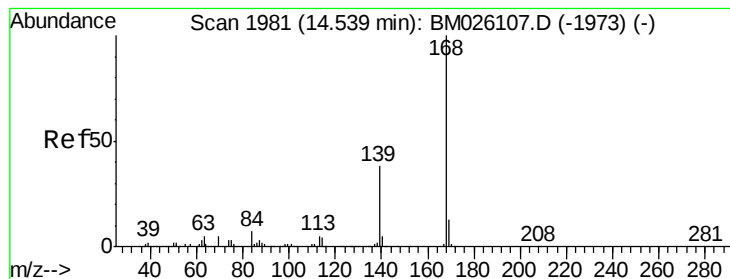
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#50
Acenaphthene
Concen: 43.47 ng/ul
RT: 14.20 min Scan# 1923
Delta R.T. -0.00 min
Lab File: BM026116.D
Acq: 26 May 2020 16:17

Tgt Ion	Ratio	Resp	Lower	Upper
153	100	1088015		
152	46.2	37.2	55.8	
154	88.5	69.8	104.8	





#54

Dibenzenofuran

Concen: 24.15 ng/ul

RT: 14.53 min Scan# 1980

Delta R.T. -0.01 min

Lab File: BM026116.D

Acq: 26 May 2020 16:17

Instrument :

BNA_M

ClientSampleId :

F9B26DL

Tgt Ion:168 Resp: 849575

Ion Ratio Lower Upper

168 100

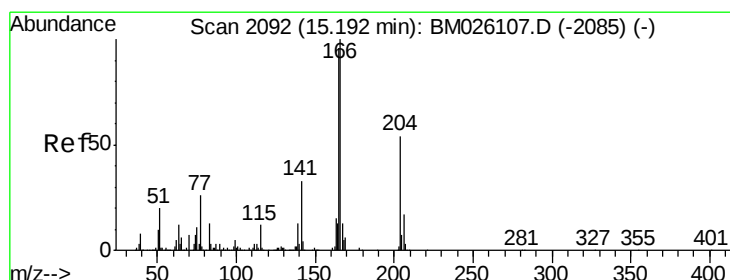
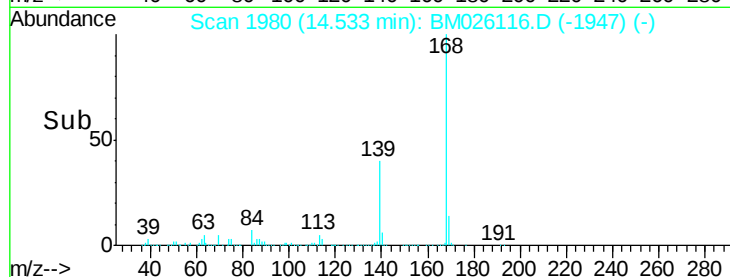
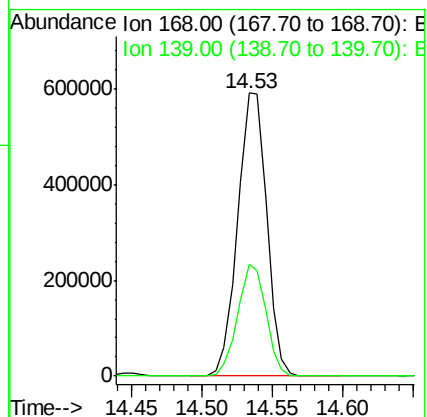
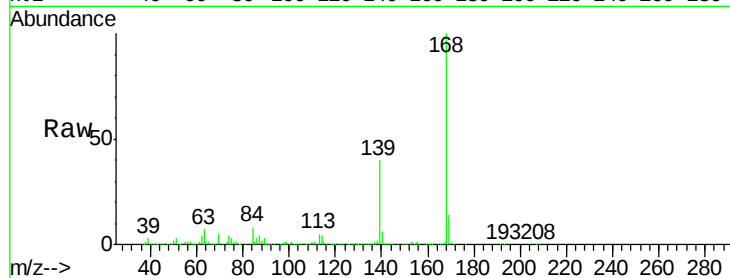
139 39.7 30.7 46.1

Manual Integrations

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#59

Fluorene

Concen: 20.99 ng/ul

RT: 15.19 min Scan# 2091

Delta R.T. -0.01 min

Lab File: BM026116.D

Acq: 26 May 2020 16:17

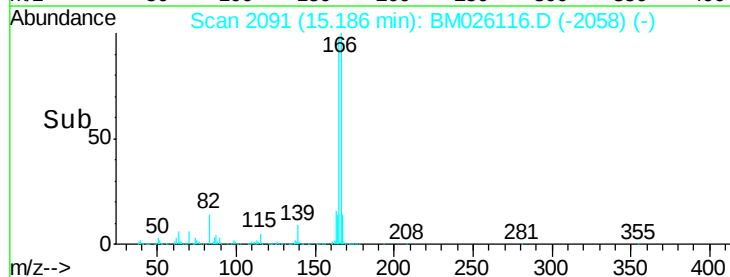
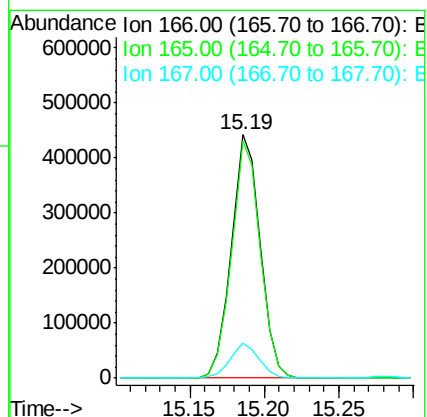
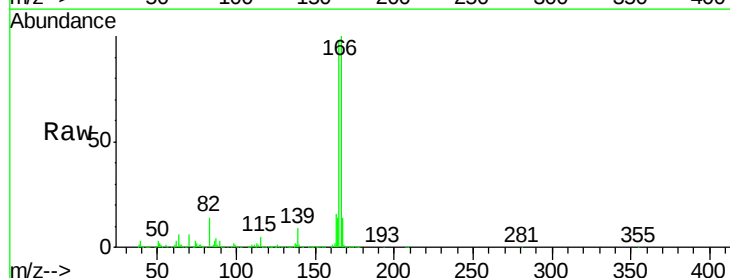
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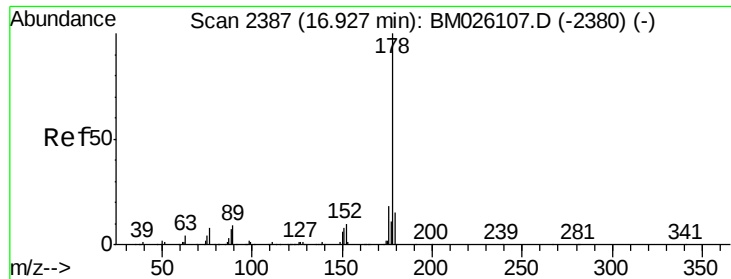
Ion Ratio Lower Upper

166 100

165 97.6 77.3 115.9

167 14.1 10.6 16.0





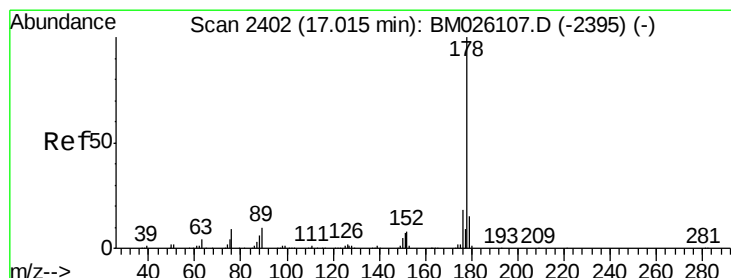
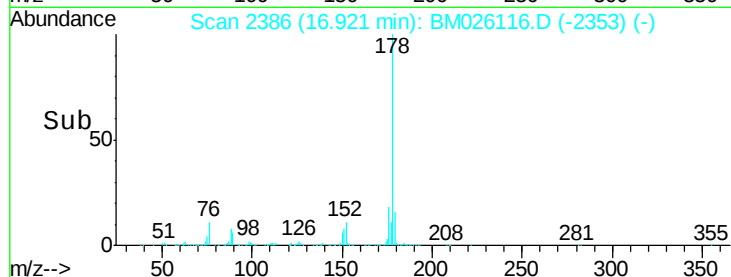
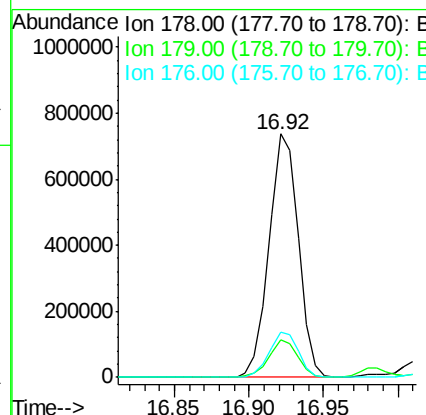
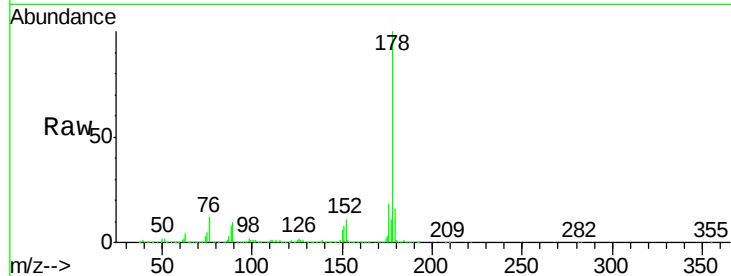
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Phenanthrene
Concen: 21.81 ng/ul
RT: 16.92 min Scan# 2386
Delta R.T. -0.01 min
Lab File: BM026116.D
Acq: 26 May 2020 16:17

Instrument :
BNA_M
ClientSampleID :
F9B26DL

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.5	11.9	17.9
176	18.4	14.9	22.3

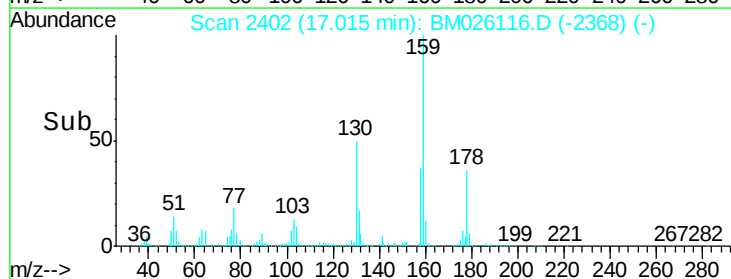
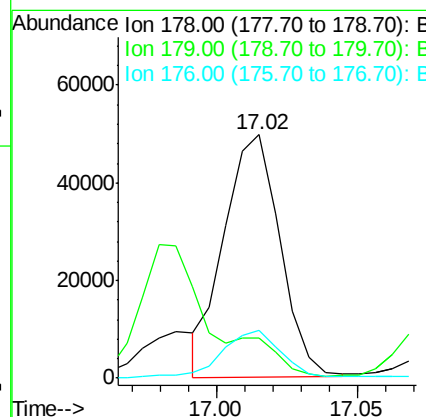
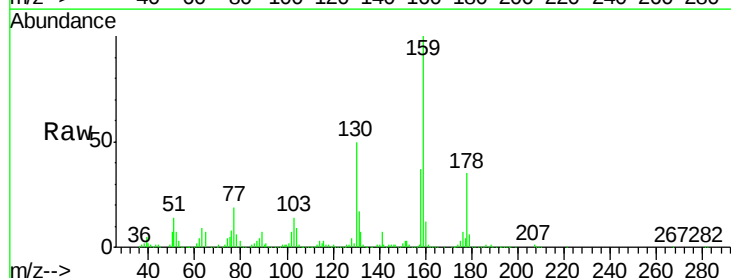
Manual Integrations
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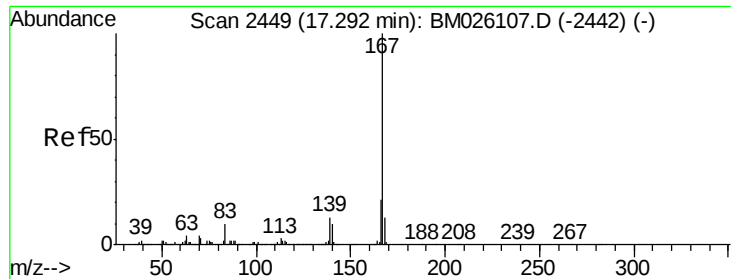
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#72
Anthracene
Concen: 1.48 ng/ul
RT: 17.02 min Scan# 2402
Delta R.T. -0.00 min
Lab File: BM026116.D
Acq: 26 May 2020 16:17

Tgt Ion	Ratio	Lower	Upper
178	100		
179	16.5	12.2	18.4
176	19.8	14.9	22.3





#75

Carbazole

Concen: 30.96 ng/ul

RT: 17.29 min Scan# 2449

Delta R.T. -0.00 min

Lab File: BM026116.D

Acq: 26 May 2020 16:17

Instrument :

BNA_M

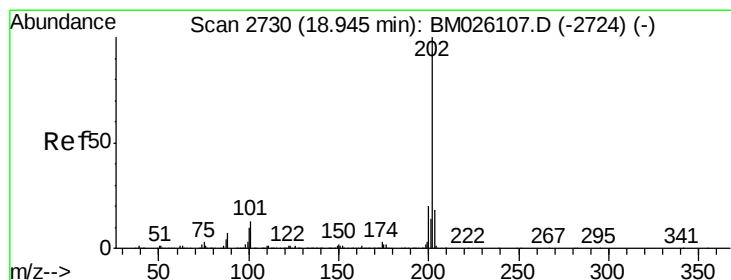
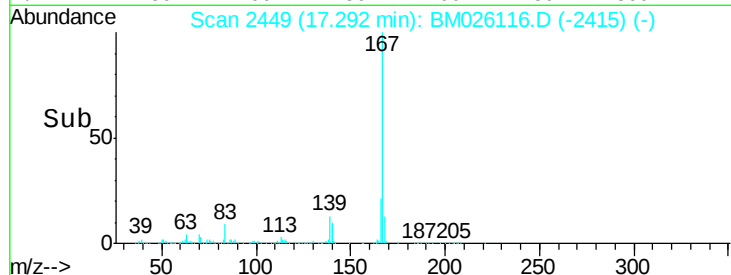
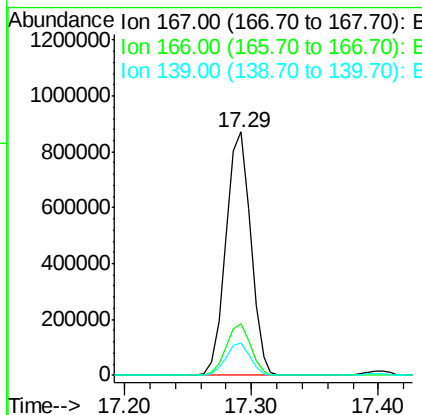
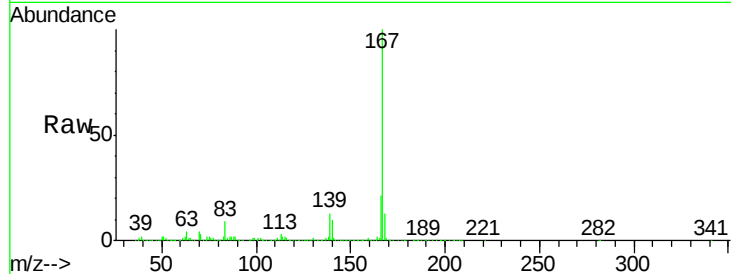
ClientSampleId :

F9B26DL

Tgt Ion:	167	Resp:	1180281
Ion Ratio	Lower	Upper	
167	100		
166	21.0	16.6	25.0
139	13.4	10.8	16.2

Manual Integrations
APPROVED

mohammad
5/27/2020 11:47:00 AM



#77

Fluoranthene

Concen: 3.33 ng/ul

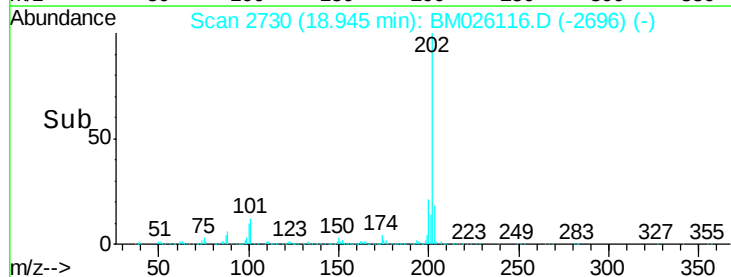
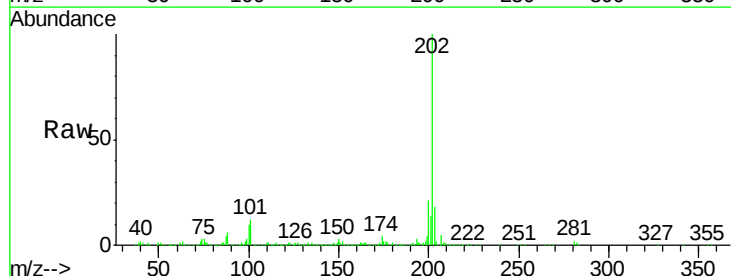
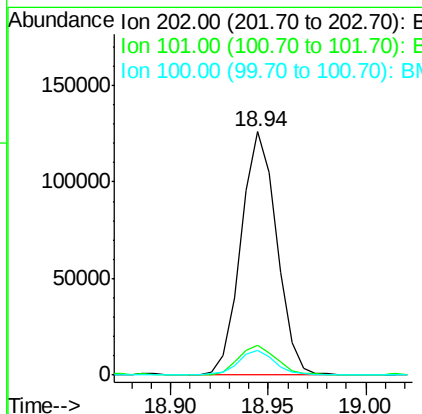
RT: 18.94 min Scan# 2730

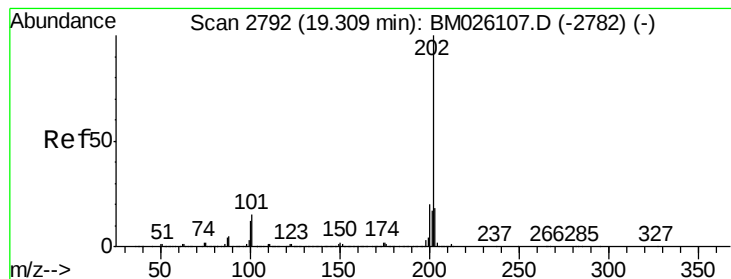
Delta R.T. -0.00 min

Lab File: BM026116.D

Acq: 26 May 2020 16:17

Tgt Ion:	202	Resp:	160532
Ion Ratio	Lower	Upper	
202	100		
101	12.2	9.5	14.3
100	10.1	7.6	11.4





#80

Pyrene

Concen: 1.68 ng/ul

RT: 19.31 min Scan# 2792

Delta R.T. -0.00 min

Lab File: BM026116.D

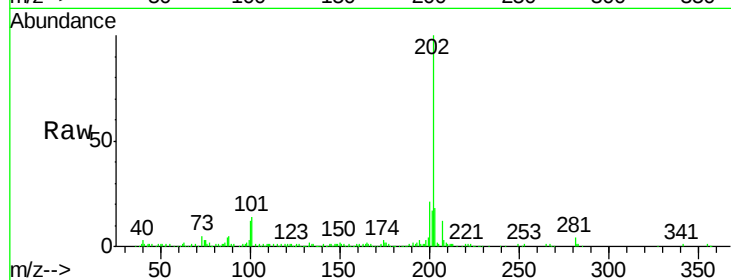
Acq: 26 May 2020 16:17

Instrument :

BNA_M

ClientSampleId :

F9B26DL



Tgt	Ion	Ratio	Resp	Lower	Upper
202	100		96919		
101	14.4	12.2	18.4		
100	11.8	10.2	15.4		

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