

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052220\
 Data File : BM026099.D
 Acq On : 23 May 2020 03:40
 Operator : MA/SJ
 Sample : L2737-16
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F9B13

Manual Integrations
 APPROVED

mohammad
 5/26/2020 10:11:33 AM

Quant Time: May 25 01:42:10 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051320MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri May 22 13:18:41 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.49	152	200219	20.00	ng/ul	0.00
18) Naphthalene-d8	10.27	136	795605	20.00	ng/ul	0.02
36) Acenaphthene-d10	14.14	164	482456	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.89	188	998555	20.00	ng/ul	0.00
78) Chrysene-d12	21.08	240	1005734	20.00	ng/ul	0.00
86) Perylene-d12	23.20	264	1044312	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.07	96	31059	4.68	ng/uL	0.00
5) Phenol-d5	6.71	99	127095	7.00	ng/ul	0.02
7) Bis-(2-Chloroethyl)ether-d	6.86	67	347173	27.63	ng/ul	0.02
9) 2-Chlorophenol-d4	7.04	132	338250	23.79	ng/ul	0.00
13) 4-Methylphenol-d8	8.22	113	221635	16.19	ng/ul	0.02
19) Nitrobenzene-d5	8.65	128	212388	32.75	ng/ul	0.02
22) 2-Nitrophenol-d4	9.36	143	230602	35.94	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.91	165	368187	28.58	ng/ul	0.02
29) 4-Chloroaniline-d4	0.00	131	0d	0.00	ng/ul	
44) Dimethylphthalate-d6	13.56	166	1235346	31.93	ng/ul	0.00
47) Acenaphthylene-d8	13.82	160	1437902	31.37	ng/ul	0.00
52) 4-Nitrophenol-d4	14.37	143	57235	8.35	ng/ul	0.01
58) Fluorene-d10	15.14	176	1074213	31.92	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.27	200	198278	34.06	ng/ul	0.00
71) Anthracene-d10	16.99	188	1632550	33.18	ng/ul	0.00
79) Pyrene-d10	19.29	212	1767970	34.22	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.07	264	1708694	30.74	ng/ul	0.00

Target Compounds

					Ovalue	
6) Phenol	6.75	94	16447417	807.799	ng/ul	96
11) 2-Methylphenol	7.97	108	8676626	618.496	ng/ul	100
16) 4-Methylphenol	8.32	108	15385645	1008.463	ng/ul	95
24) 2,4-Dimethylphenol	9.49	107	7194459m	403.801	ng/ul	
28) Naphthalene	10.32	128	43995638m	904.426	ng/ul	
34) 2-Methylnaphthalene	11.93	142	4265313	130.363	ng/ul	100
41) 1,1'-Biphenyl	12.96	154	473122	11.052	ng/ul	98
45) Dimethylphthalate	13.61	163	106821	2.630	ng/ul	100
48) Acenaphthylene	13.85	152	96114	1.910	ng/ul#	87
50) Acenaphthene	14.21	153	6539677	184.272	ng/ul	98
54) Dibenzofuran	14.55	168	5175943	103.779	ng/ul	100
59) Fluorene	15.20	166	3528456	87.457	ng/ul	99
70) Phenanthrene	16.93	178	5459913	86.803	ng/ul	99
72) Anthracene	17.02	178	518850	8.222	ng/ul	99
75) Carbazole	17.30	167	2026447	38.816	ng/ul	99
77) Fluoranthene	18.95	202	1157356	17.541	ng/ul	99
80) Pyrene	19.32	202	726377	10.288	ng/ul	97
83) Benzo(a)anthracene	21.07	228	83129	1.199	ng/ul	94
85) Chrysene	21.12	228	83567m	1.213	ng/ul	

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

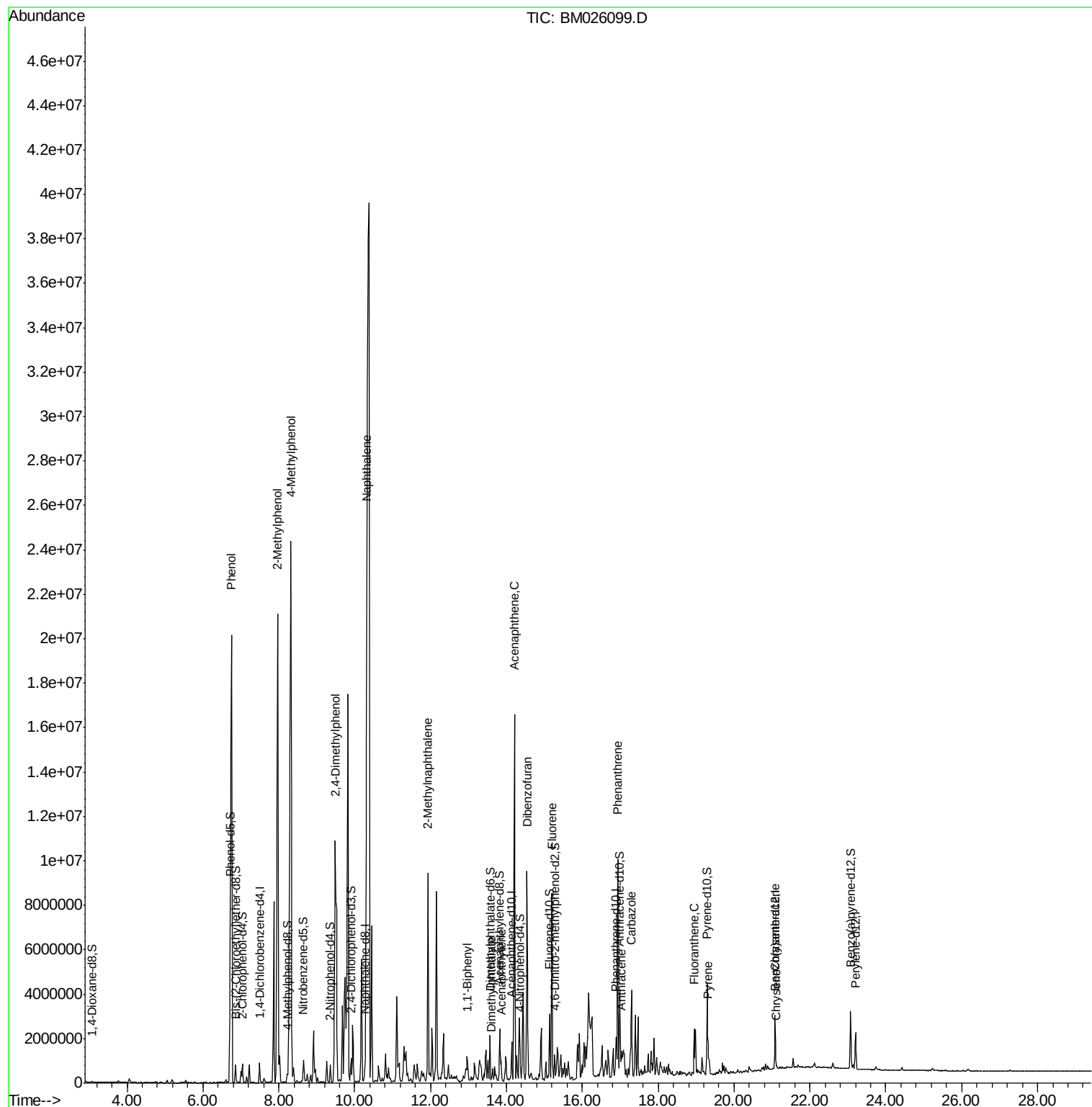
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052220\
Data File : BM026099.D
Acq On : 23 May 2020 03:40
Operator : MA/SJ
Sample : L2737-16
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ALS Vial : 24 Sample Multiplier: 1

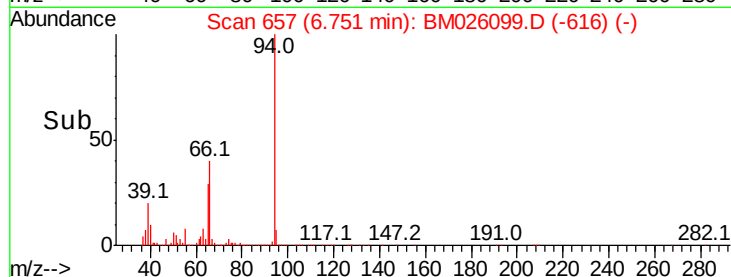
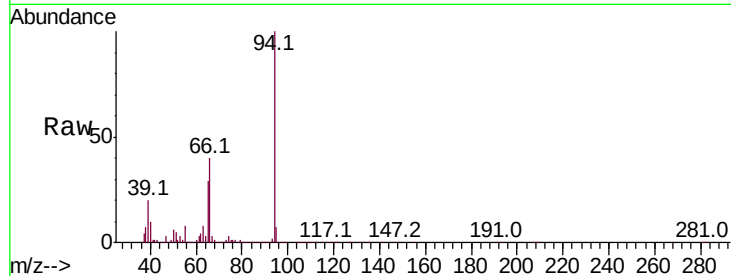
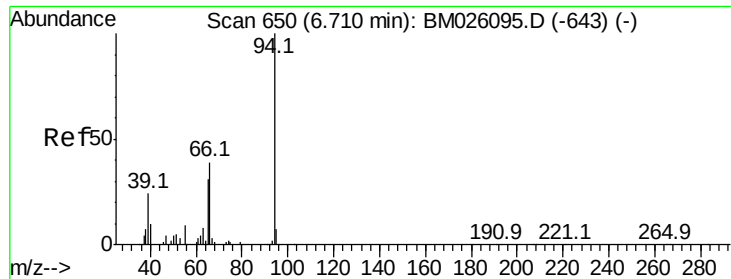
Instrument :
BNA_M
ClientSampleId :
F9B13

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Quant Time: May 25 01:42:10 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051320MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri May 22 13:18:41 2020
Response via : Initial Calibration





#6

Phenol

Concen: 807.799 ng/ul

RT: 6.75 min Scan# 657

Delta R.T. 0.04 min

Lab File: BM026099.D

Acq: 23 May 2020 03:40

Tot Ion: 94 Resp: 16447417

Ion Ratio Lower Upper

94 100

65 29.4 25.8 38.8

66 39.8 33.3 49.9

Instrument :

BNA_M

ClientSampleId :

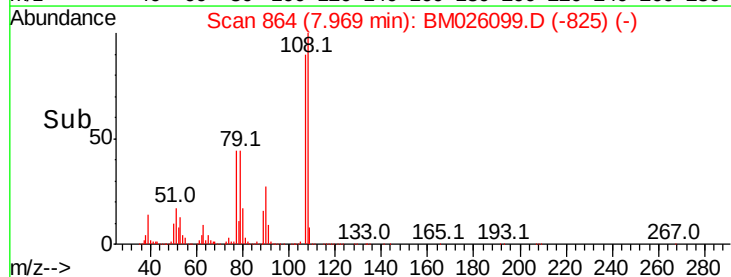
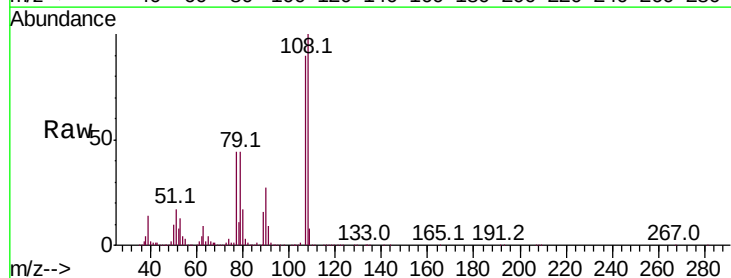
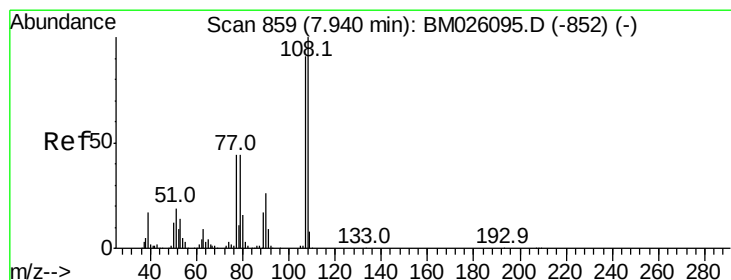
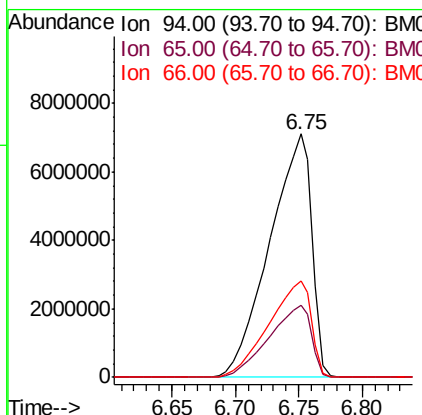
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#11

2-Methylphenol

Concen: 618.496 ng/ul

RT: 7.97 min Scan# 864

Delta R.T. 0.03 min

Lab File: BM026099.D

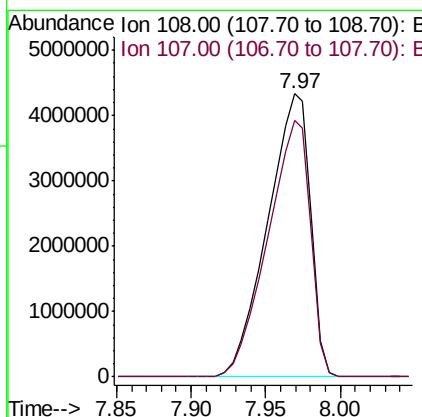
Acq: 23 May 2020 03:40

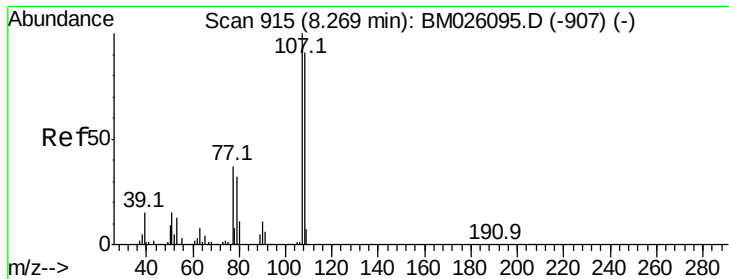
Tgt Ion: 108 Resp: 8676626

Ion Ratio Lower Upper

108 100

107 90.4 72.3 108.5





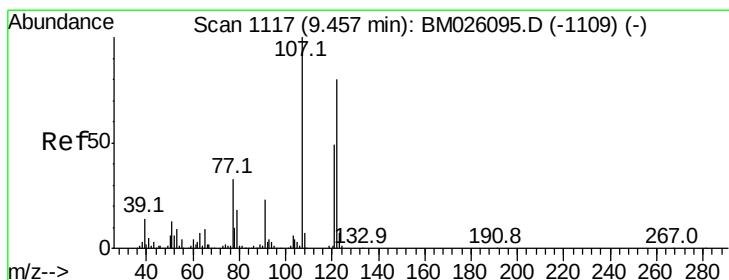
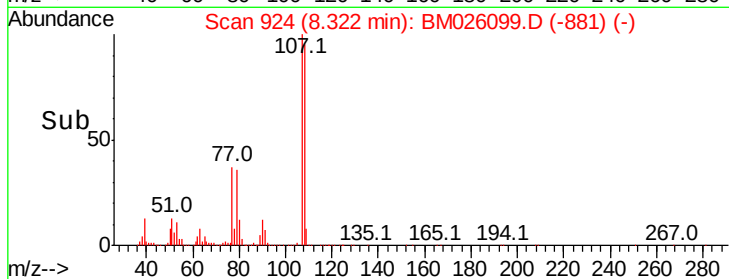
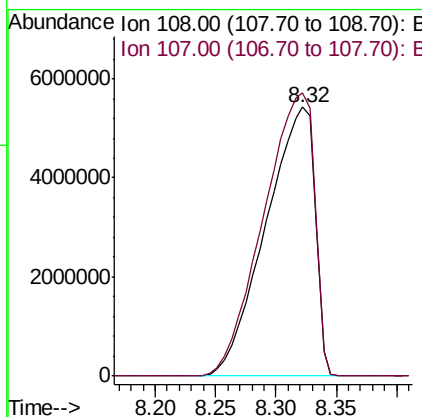
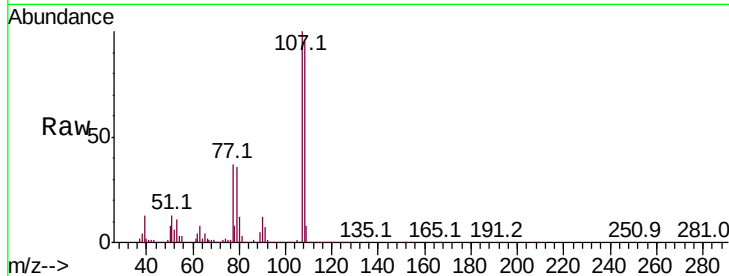
#16
4-Methylphenol
Concen: 1008.463 ng/ul
RT: 8.32 min Scan# 924
Delta R.T. 0.05 min
Lab File: BM026099.D
Acq: 23 May 2020 03:40

Instrument :
BNA_M
ClientSampleId :
F9B13

Tot Ion:108 Resp:15385645
Ion Ratio Lower Upper
108 100
107 105.2 88.6 132.8

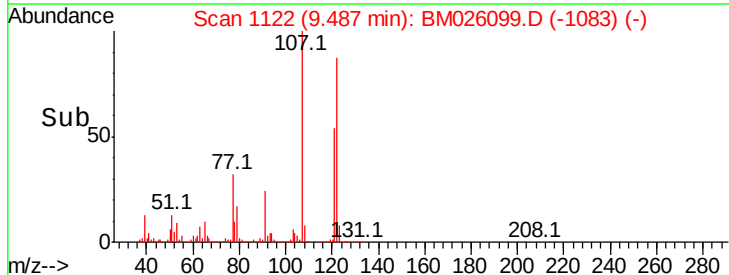
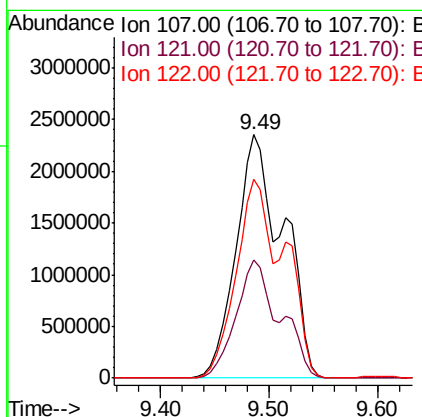
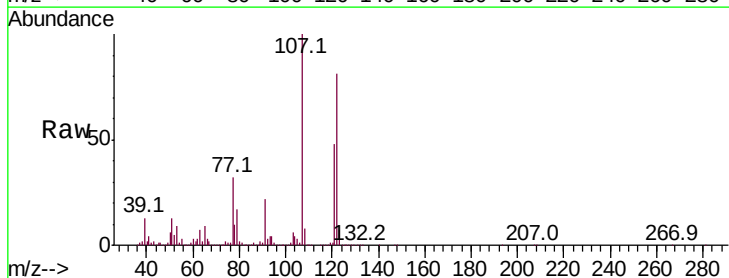
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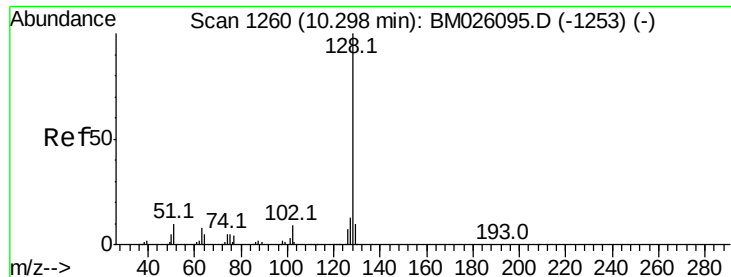
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#24
2,4-Dimethylphenol
Concen: 403.801 ng/ul m
RT: 9.49 min Scan# 1122
Delta R.T. 0.03 min
Lab File: BM026099.D
Acq: 23 May 2020 03:40

Tgt Ion:107 Resp: 7194459
Ion Ratio Lower Upper
107 100
121 48.4 37.5 56.3
122 81.5 63.8 95.6





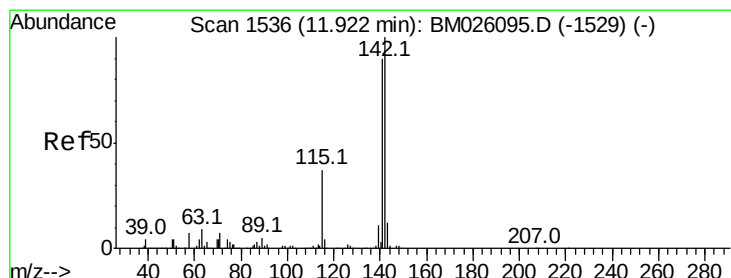
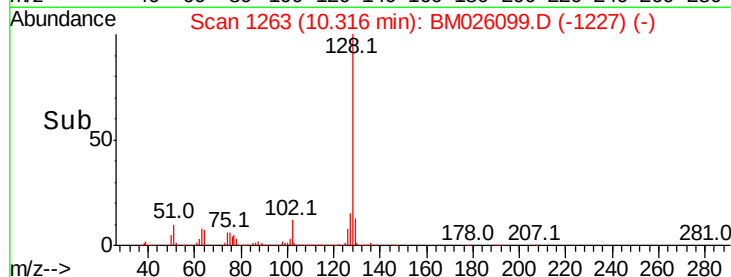
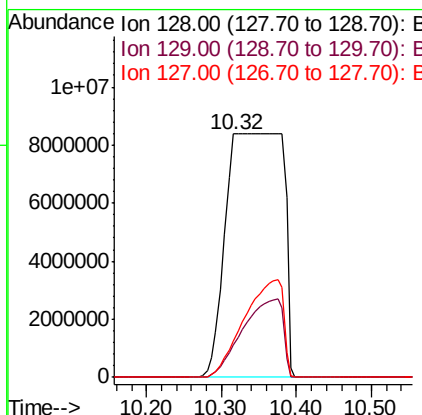
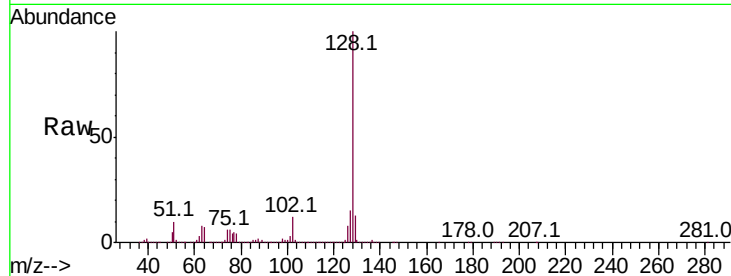
#28
Naphthalene
Concen: 904.426 ng/ul m
RT: 10.32 min Scan# 1263
Delta R.T. 0.01 min
Lab File: BM026099.D
Acq: 23 May 2020 03:40

Instrument :
BNA_M
ClientSampleId :
F9B13

Tot Ion:128 Resp:43995638
Ion Ratio Lower Upper
128 100
129 13.2 9.0 13.4
127 15.1 10.6 15.8

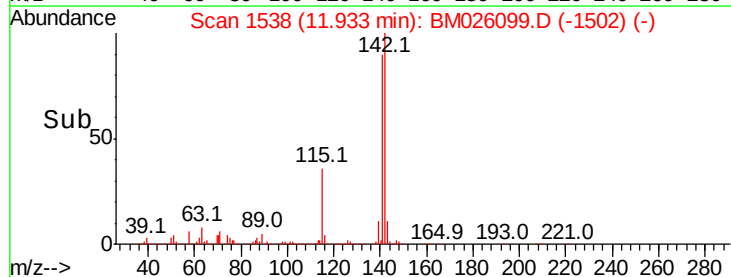
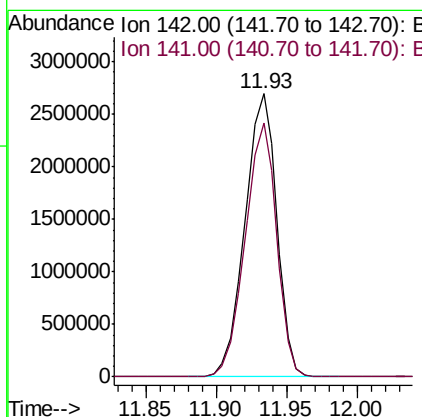
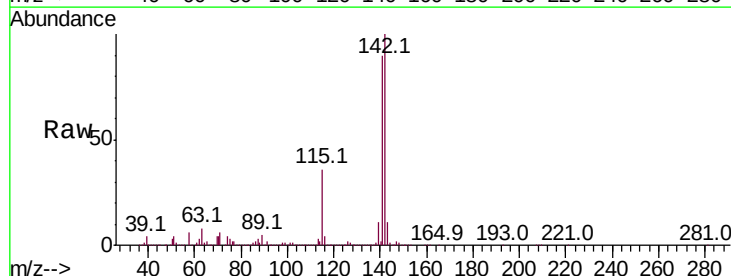
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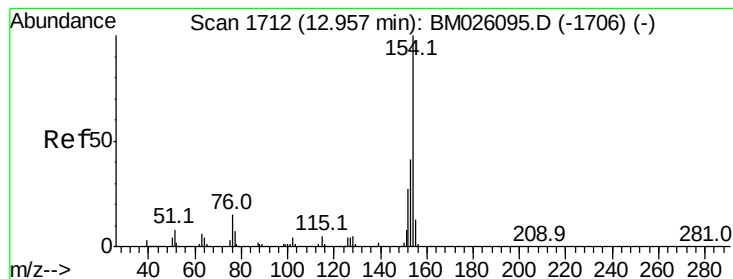
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#34
2-Methylnaphthalene
Concen: 130.363 ng/ul
RT: 11.93 min Scan# 1538
Delta R.T. 0.01 min
Lab File: BM026099.D
Acq: 23 May 2020 03:40

Tgt Ion:142 Resp: 4265313
Ion Ratio Lower Upper
142 100
141 89.5 71.8 107.6





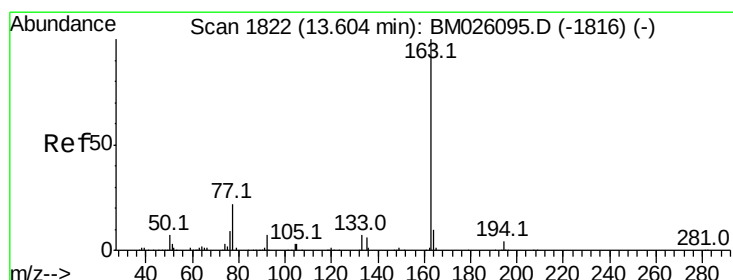
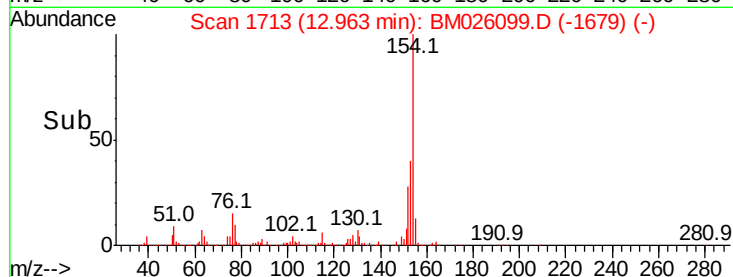
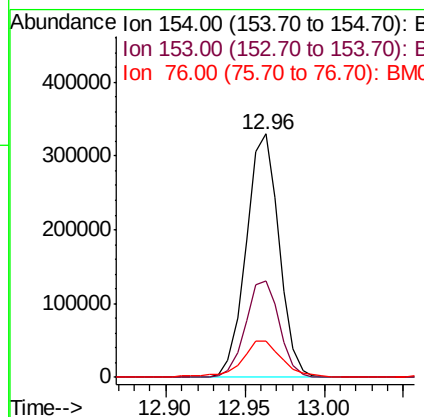
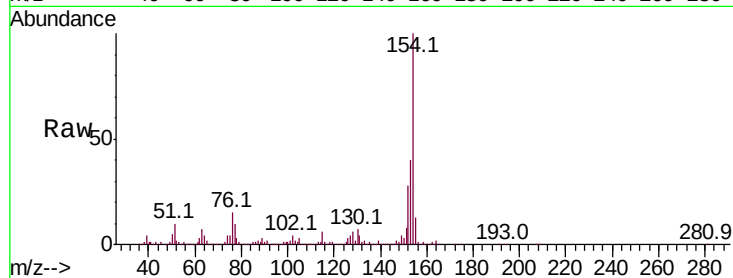
#41
1,1'-Biphenyl
Concen: 11.052 ng/ul
RT: 12.96 min Scan# 1713
Delta R.T. 0.00 min
Lab File: BM026099.D
Acq: 23 May 2020 03:40

Instrument :
BNA_M
ClientSampleId :
F9B13

Tot Ion	Ratio	Resp	Lower	Upper
154	100			
153	39.7	32.3	48.5	
76	14.8	13.0	19.6	

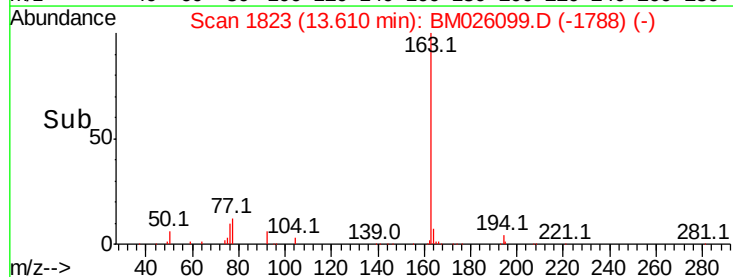
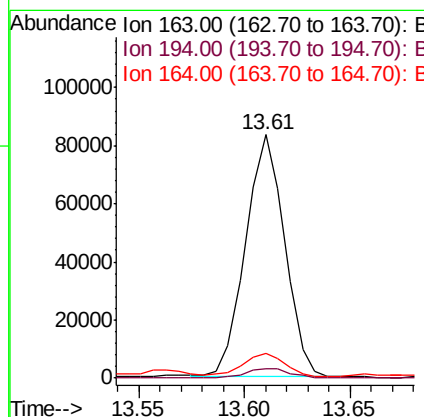
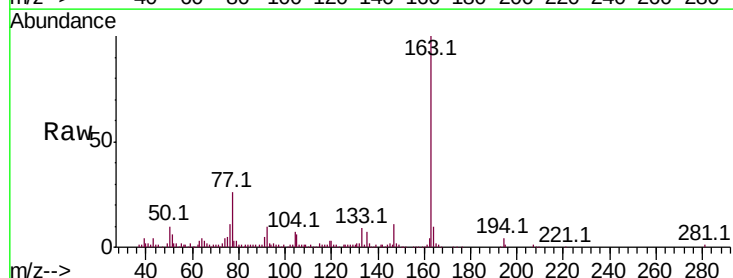
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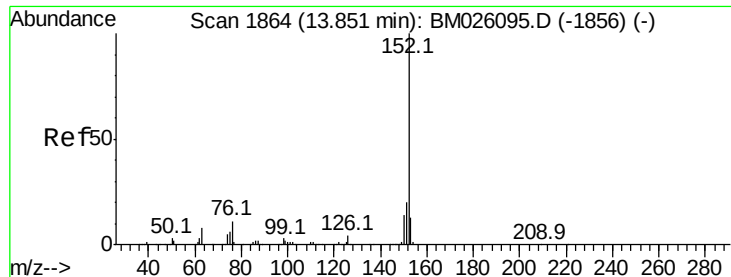
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#45
Dimethylphthalate
Concen: 2.630 ng/ul
RT: 13.61 min Scan# 1823
Delta R.T. 0.01 min
Lab File: BM026099.D
Acq: 23 May 2020 03:40

Tgt Ion	Ratio	Resp	Lower	Upper
163	100			
194	4.1	3.2	4.8	
164	10.0	8.0	12.0	





#48

Acenaphthylene

Concen: 1.910 ng/ul

RT: 13.85 min Scan# 1864

Delta R.T. 0.00 min

Lab File: BM026099.D

Acq: 23 May 2020 03:40

Instrument :

BNA_M

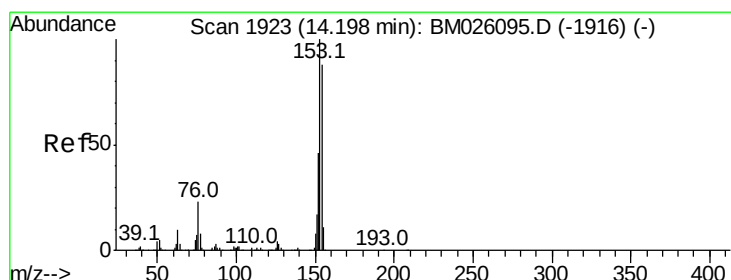
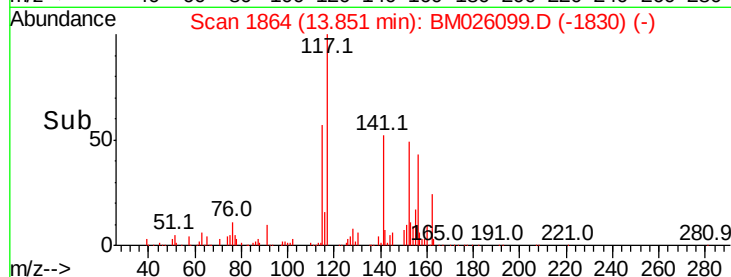
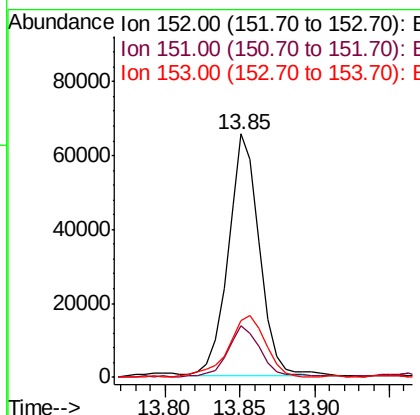
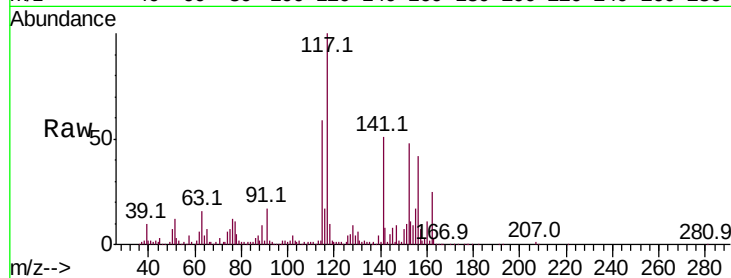
ClientSampleId :

F9B13

Tot Ion	Ratio	Lower	Upper
152	100		
151	21.1	15.7	23.5
153	23.4	10.2	15.2#

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#50

Acenaphthene

Concen: 184.272 ng/ul

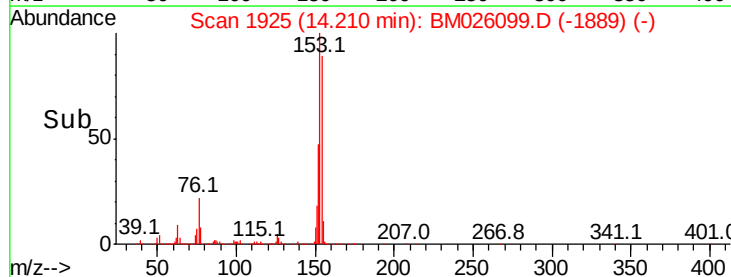
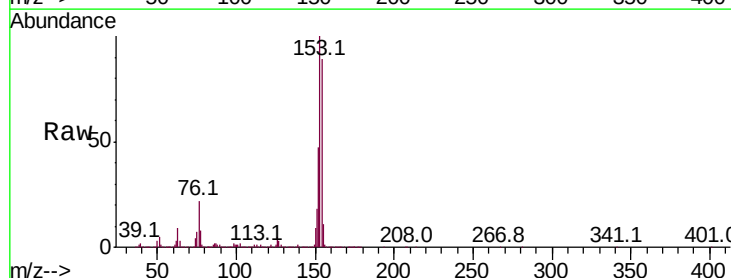
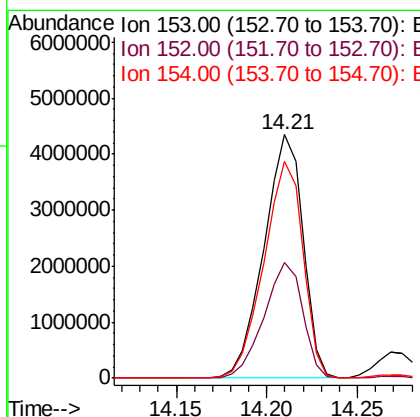
RT: 14.21 min Scan# 1925

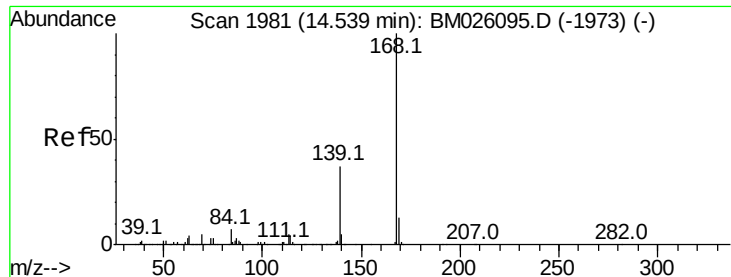
Delta R.T. 0.01 min

Lab File: BM026099.D

Acq: 23 May 2020 03:40

Tgt Ion	Ratio	Lower	Upper
153	100		
152	47.3	37.2	55.8
154	89.1	69.8	104.8





#54

Dibenzenofuran

Concen: 103.779 ng/ul

RT: 14.55 min Scan# 1982

Delta R.T. 0.01 min

Lab File: BM026099.D

Acq: 23 May 2020 03:40

Instrument :

BNA_M

ClientSampled :

F9B13

Tot Ion:168 Resp: 5175943

Ion Ratio Lower Upper

168 100

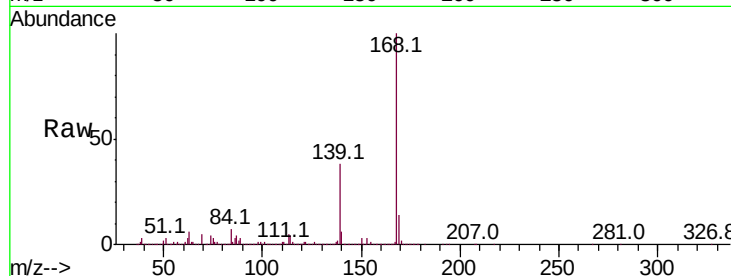
139 38.2 30.7 46.1

Manual Integrations

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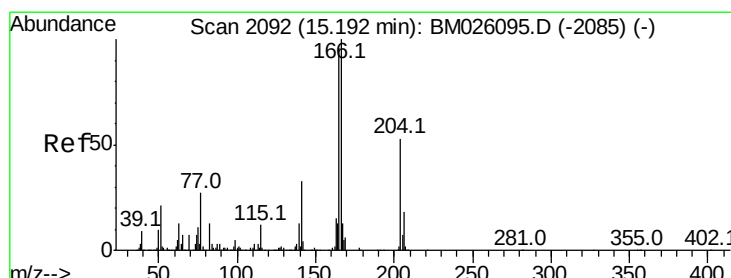
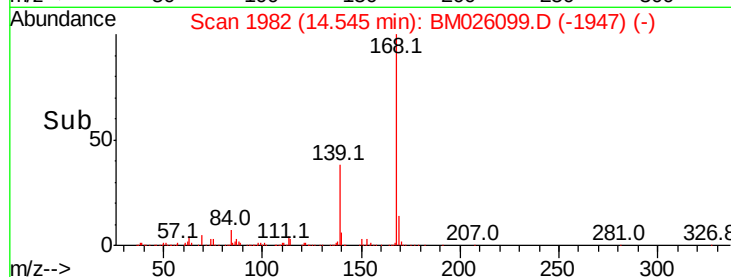
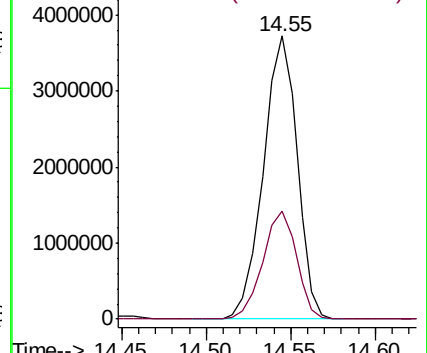
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Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E



#59

Fluorene

Concen: 87.457 ng/ul

RT: 15.20 min Scan# 2093

Delta R.T. 0.01 min

Lab File: BM026099.D

Acq: 23 May 2020 03:40

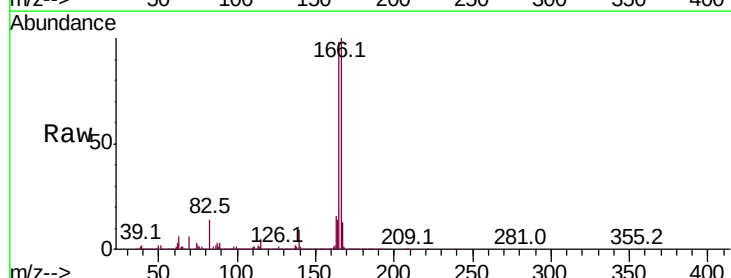
Tgt Ion:166 Resp: 3528456

Ion Ratio Lower Upper

166 100

165 97.8 77.3 115.9

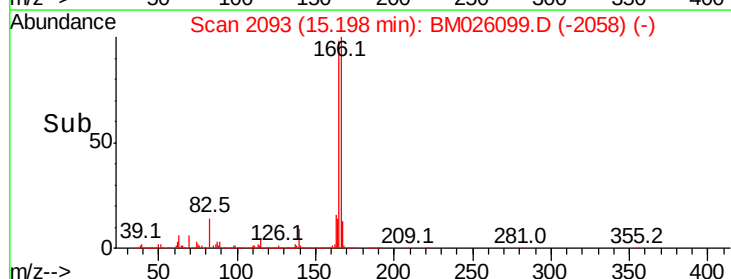
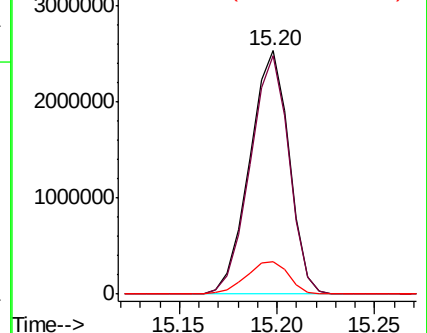
167 13.3 10.6 16.0

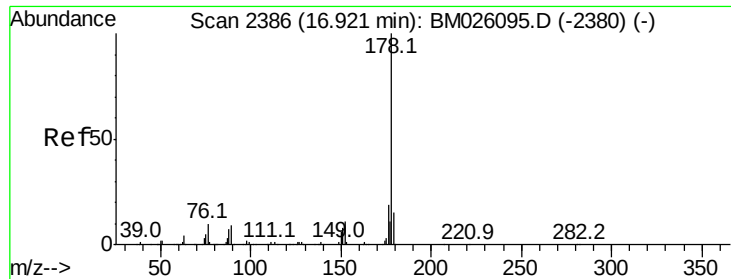


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





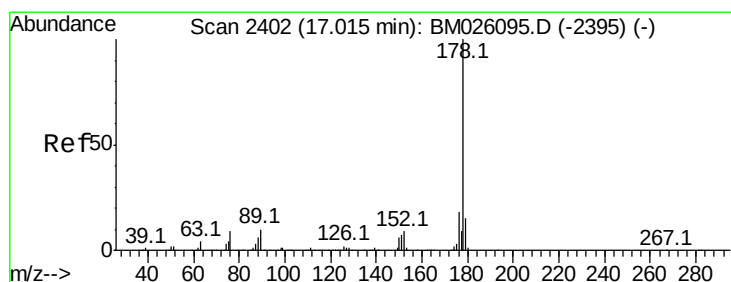
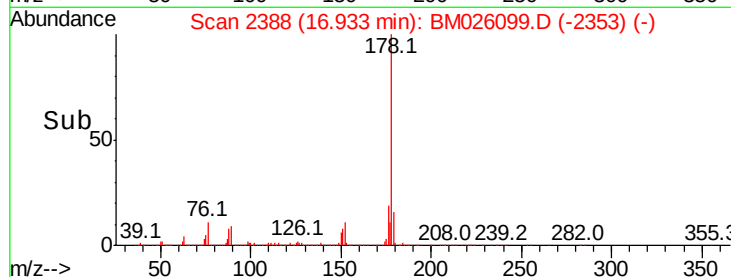
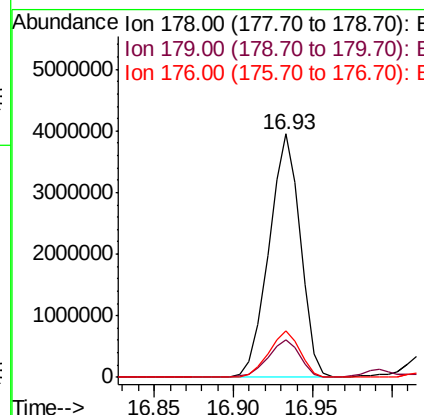
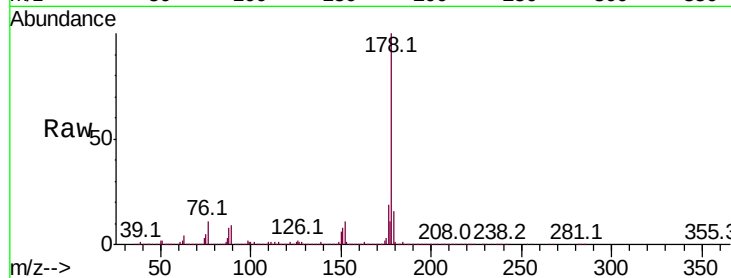
#70
 Phenanthrene
 Concen: 86.803 ng/ul
 RT: 16.93 min Scan# 2388
 Delta R.T. 0.01 min
 Lab File: BM026099.D
 Acq: 23 May 2020 03:40

Instrument :
 BNA_M
 ClientSampled :
 F9B13

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.6	11.9	17.9
176	19.0	14.9	22.3

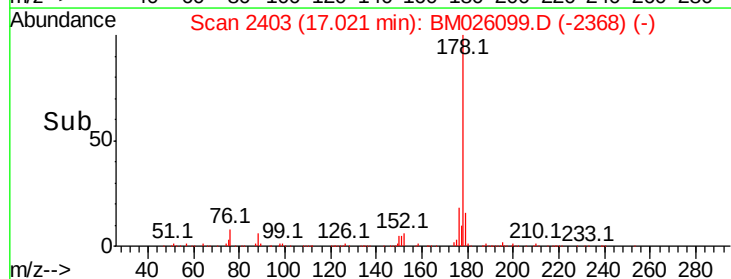
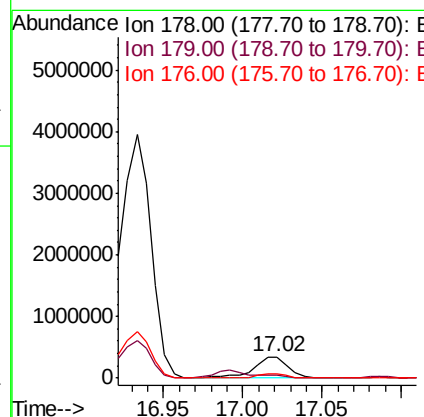
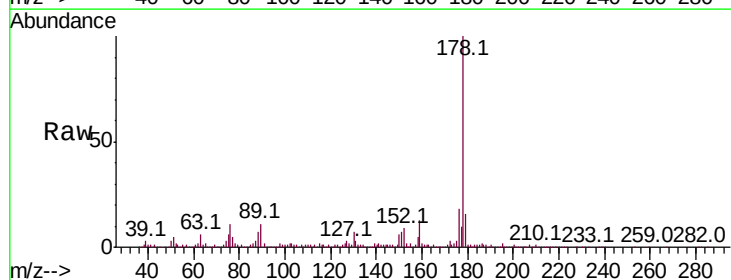
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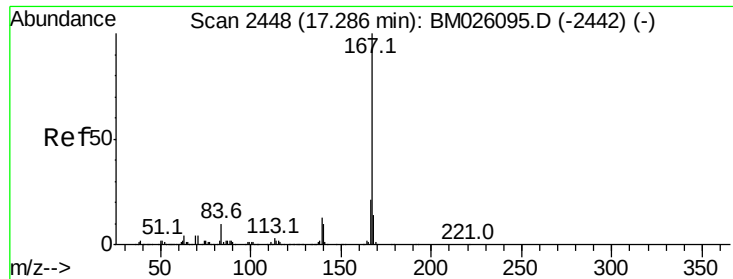
mohammad
 5/26/2020 10:11:33 AM



#72
 Anthracene
 Concen: 8.222 ng/ul
 RT: 17.02 min Scan# 2403
 Delta R.T. 0.01 min
 Lab File: BM026099.D
 Acq: 23 May 2020 03:40

Tgt Ion	Ratio	Lower	Upper
178	100		
179	16.0	12.2	18.4
176	18.4	14.9	22.3





#75

Carbazole

Concen: 38.816 ng/ul

RT: 17.30 min Scan# 2450

Delta R.T. 0.01 min

Lab File: BM026099.D

Acq: 23 May 2020 03:40

Instrument :

BNA_M

ClientSampleId :

F9B13

Tot Ion:167 Resp: 2026447

Ion Ratio Lower Upper

167 100

166 21.0 16.6 25.0

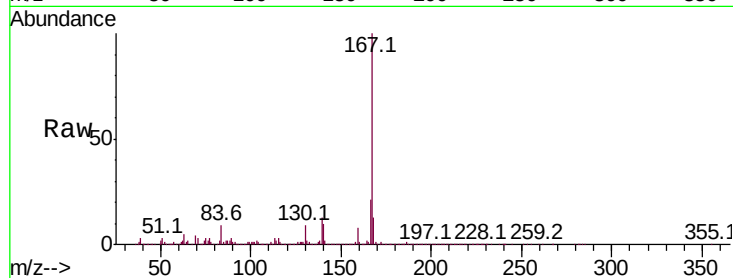
139 13.1 10.8 16.2

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Abundance Ion 167.00 (166.70 to 167.70): E

2000000 Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

1500000

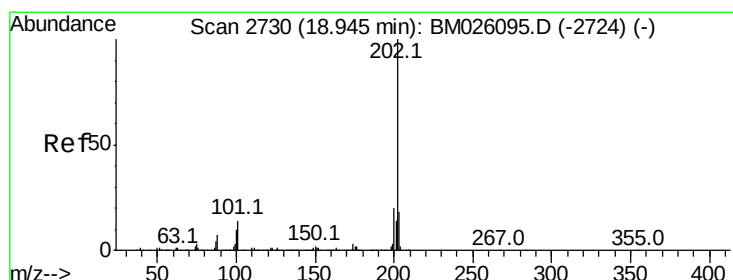
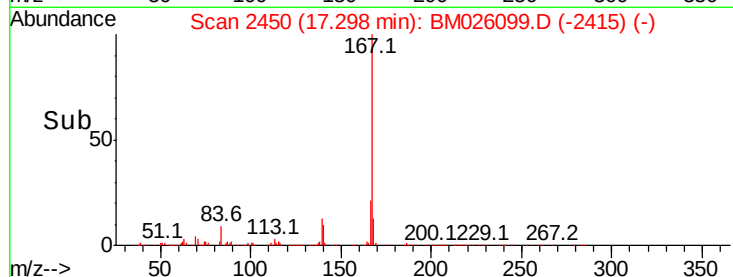
1000000

500000

0

17.25 17.30 17.35

Time-->



#77

Fluoranthene

Concen: 17.541 ng/ul

RT: 18.95 min Scan# 2731

Delta R.T. 0.00 min

Lab File: BM026099.D

Acq: 23 May 2020 03:40

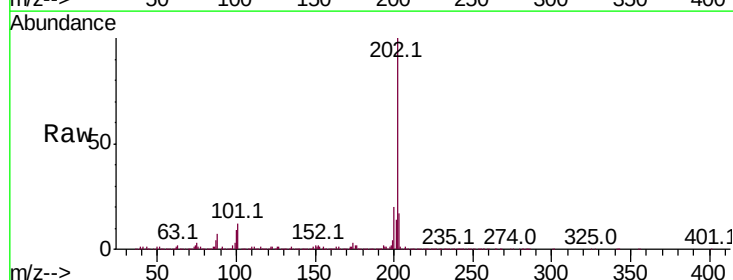
Tgt Ion:202 Resp: 1157356

Ion Ratio Lower Upper

202 100

101 12.1 9.5 14.3

100 9.1 7.6 11.4



Abundance Ion 202.00 (201.70 to 202.70): E

1200000 Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E

1000000

800000

600000

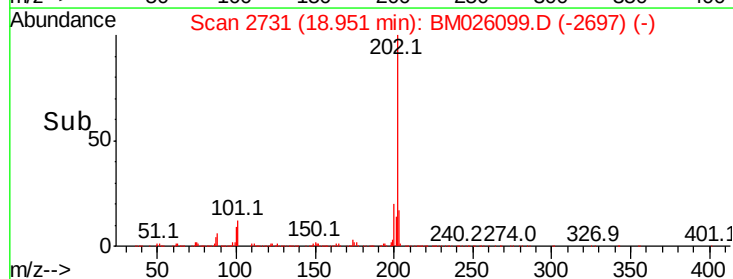
400000

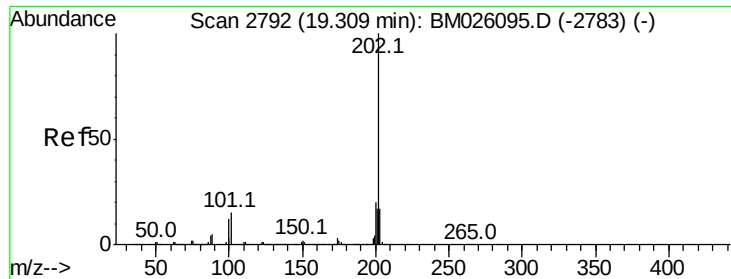
200000

0

18.90 18.95 19.00

Time-->





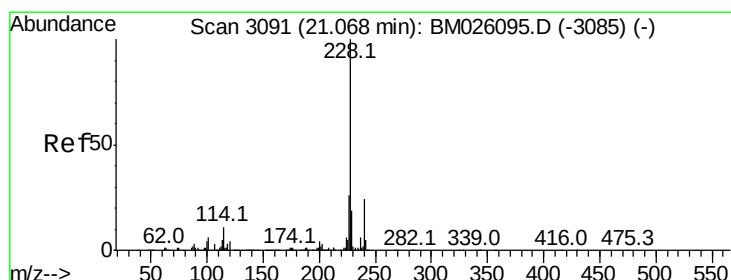
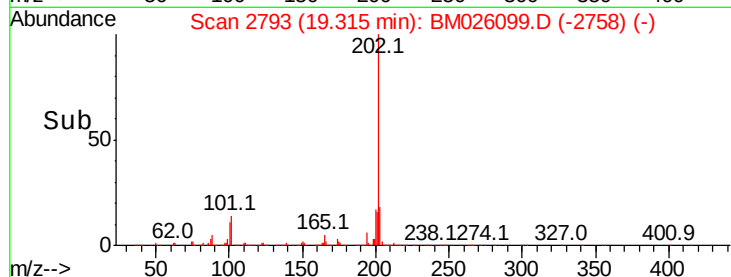
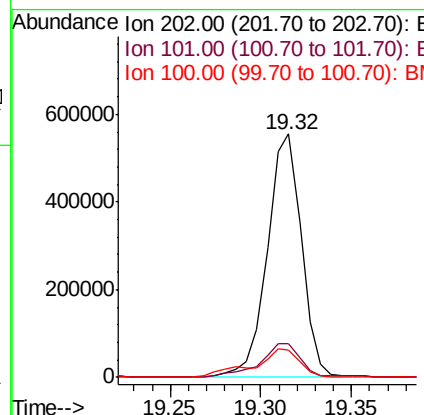
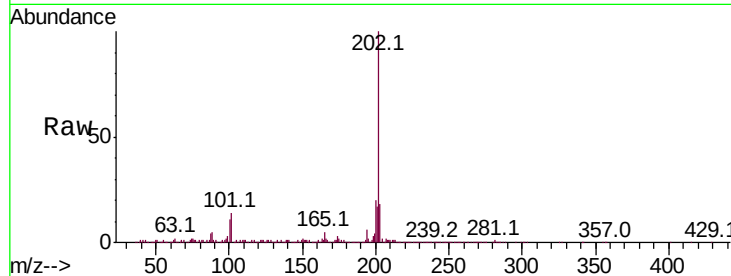
#80
Pvrene
Concen: 10.288 ng/ul
RT: 19.32 min Scan# 2793
Delta R.T. 0.01 min
Lab File: BM026099.D
Acq: 23 May 2020 03:40

Instrument :
BNA_M
ClientSampleId :
F9B13

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	14.0	12.2	18.4
100	11.4	10.2	15.4

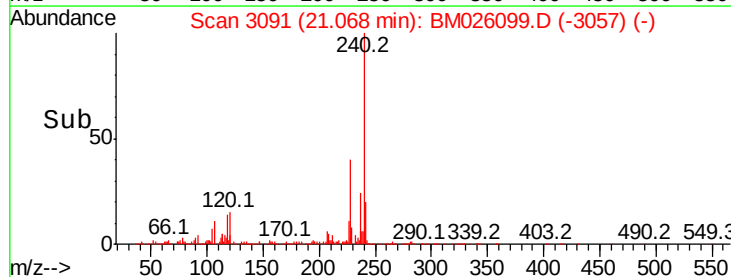
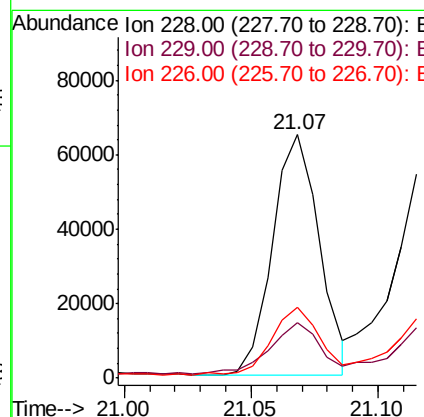
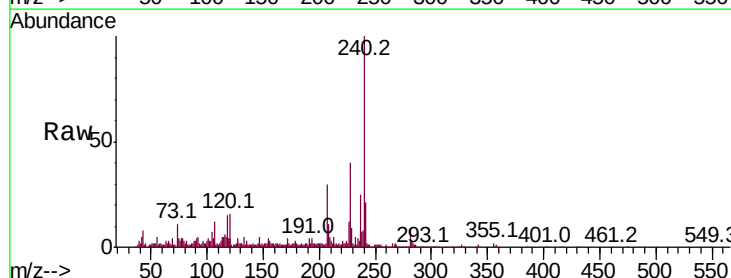
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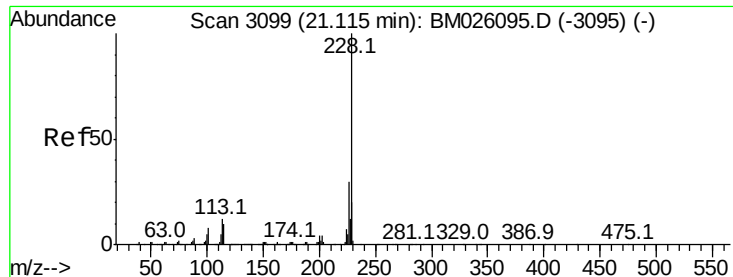
mohammad
5/26/2020 10:11:33 AM



#83
Benzo(a)anthracene
Concen: 1.199 ng/ul
RT: 21.07 min Scan# 3091
Delta R.T. 0.00 min
Lab File: BM026099.D
Acq: 23 May 2020 03:40

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
229	22.6	15.5	23.3
226	29.3	21.2	31.8





#85

Chrysene

Concen: 1.213 ng/ul m

RT: 21.12 min Scan# 3099

Delta R.T. -0.01 min

Lab File: BM026099.D

Acq: 23 May 2020 03:40

Instrument :

BNA_M

ClientSampleId :

F9B13

Tot Ion	Ratio	Resp	Lower	Upper
228	100			
226	29.0	23.0	34.6	
229	24.5	15.5	23.3	

Manual Integrations
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mohammad
5/26/2020 10:11:33 AM

