

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM052620\
 Data File : BM026124.D
 Acq On : 26 May 2020 21:51
 Operator : MA/SJ
 Sample : L2737-12DL 10X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F9B27DL

Manual Integrations
 APPROVED

mohammad
 5/27/2020 11:47:44 AM

Quant Time: May 27 06:40:23 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	154553	20.00	ng/ul	0.00
18) Naphthalene-d8	10.26	136	631336	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.13	164	380256	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.88	188	817320	20.00	ng/ul	0.00
78) Chrysene-d12	21.08	240	871830	20.00	ng/ul	0.00
86) Perylene-d12	23.20	264	904717	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.07	96	2931m	0.57	ng/uL	0.00
5) Phenol-d5	6.69	99	12445	0.89	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.84	67	33697	3.47	ng/ul	0.00
9) 2-Chlorophenol-d4	7.03	132	29922	2.73	ng/ul	0.00
13) 4-Methylphenol-d8	8.20	113	21889	2.07	ng/ul	0.00
19) Nitrobenzene-d5	8.63	128	19312	3.75	ng/ul	0.00
22) 2-Nitrophenol-d4	9.35	143	16558	3.25	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.89	165	34088	3.33	ng/ul	0.00
29) 4-Chloroaniline-d4	0.00	131	0d	0.00	ng/ul	
44) Dimethylphthalate-d6	13.56	166	114887	3.77	ng/ul	0.00
47) Acenaphthylene-d8	13.82	160	125101	3.46	ng/ul	0.00
52) 4-Nitrophenol-d4	14.36	143	3993	0.74	ng/ul	0.00
58) Fluorene-d10	15.13	176	104653	3.95	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.26	200	11243	2.36	ng/ul	0.00
71) Anthracene-d10	16.98	188	161013	4.00	ng/ul	0.00
79) Pyrene-d10	19.28	212	180945	4.04	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.06	264	181906	3.78	ng/ul	0.00

Target Compounds

					Qvalue
11) 2-Methylphenol	7.94	108	86313	7.97 ng/ul	100
16) 4-Methylphenol	8.26	108	69495	5.90 ng/ul	85
24) 2,4-Dimethylphenol	9.46	107	225442m	15.95 ng/ul	
28) Naphthalene	10.31	128	30255604m	783.80 ng/ul	
34) 2-Methylnaphthalene	11.92	142	1666178	64.17 ng/ul	98
41) 1,1'-Biphenyl	12.96	154	331080	9.81 ng/ul	97
50) Acenaphthene	14.20	153	1245240	44.52 ng/ul	98
54) Dibenzofuran	14.53	168	1029374	26.19 ng/ul	99
59) Fluorene	15.19	166	645670	20.30 ng/ul	100
70) Phenanthrene	16.92	178	1055929	20.51 ng/ul	100
72) Anthracene	17.01	178	91951m	1.78 ng/ul	
75) Carbazole	17.29	167	2319518	54.28 ng/ul	99
77) Fluoranthene	18.94	202	238241	4.41 ng/ul	99
80) Pyrene	19.31	202	153711	2.51 ng/ul	96

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

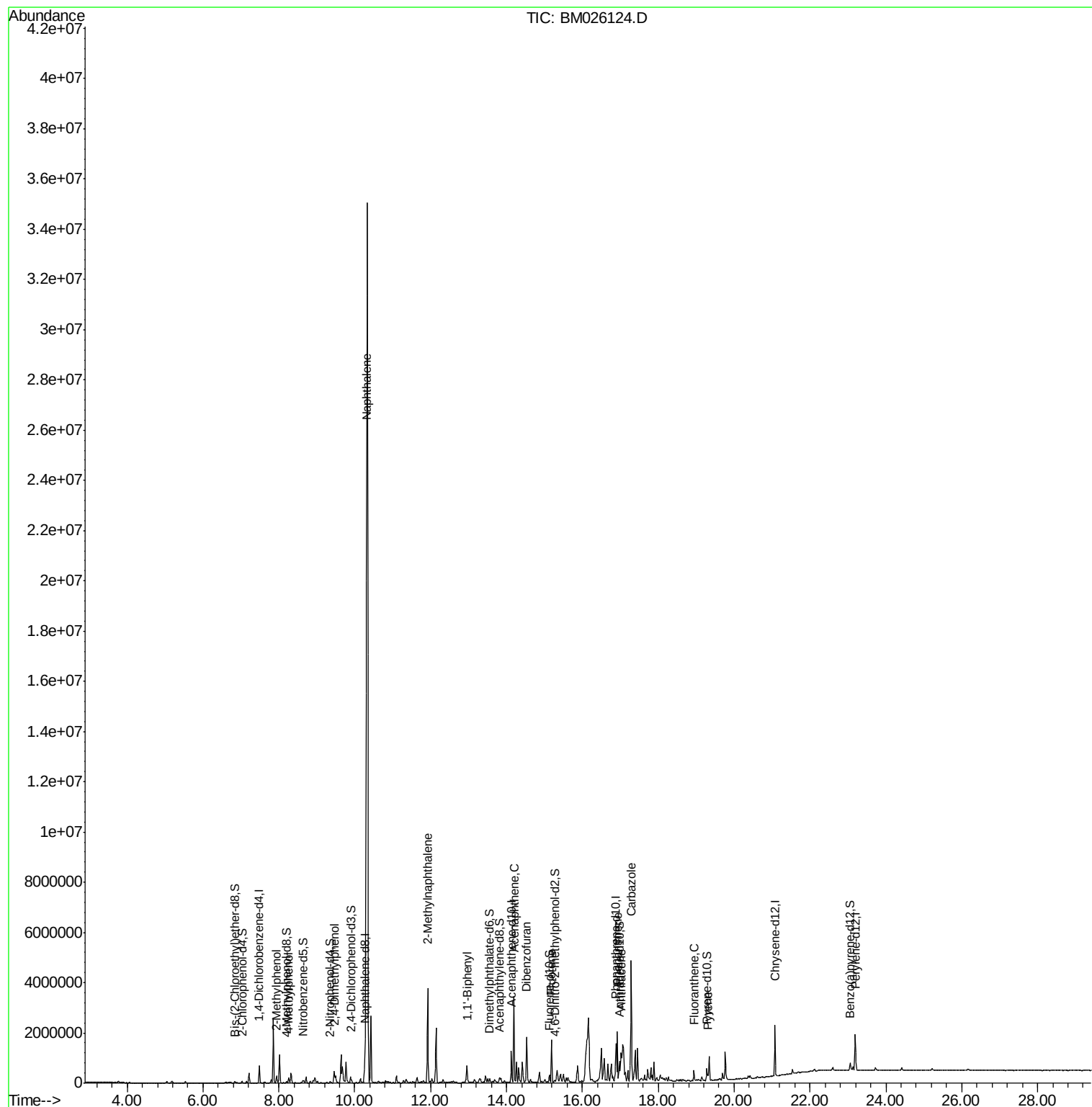
Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM052620\
Data File : BM026124.D
Acq On : 26 May 2020 21:51
Operator : MA/SJ
Sample : L2737-12DL 10X
Misc :
ALS Vial : 15 Sample Multiplier: 1

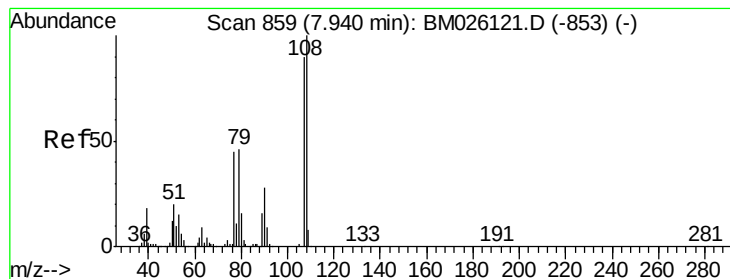
Instrument :
BNA_M
ClientSampleId :
F9B27DL

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Quant Time: May 27 06:40:23 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





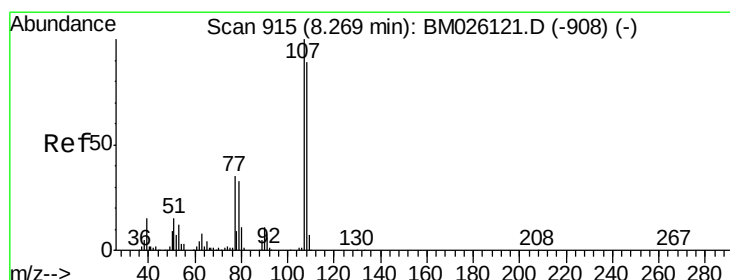
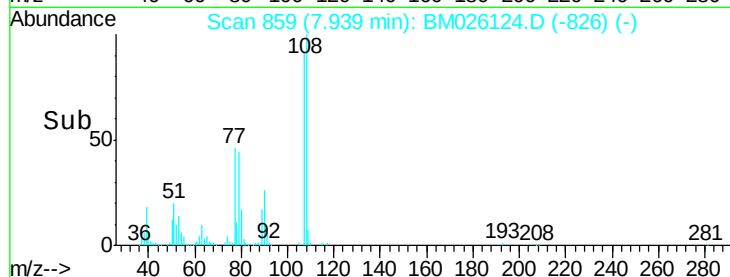
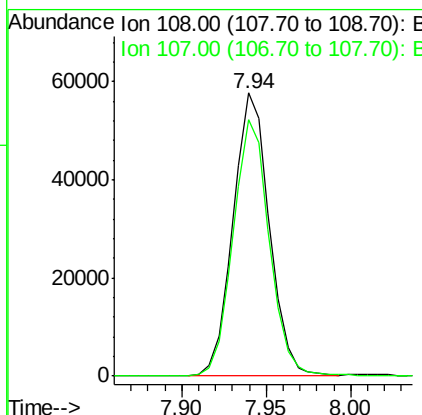
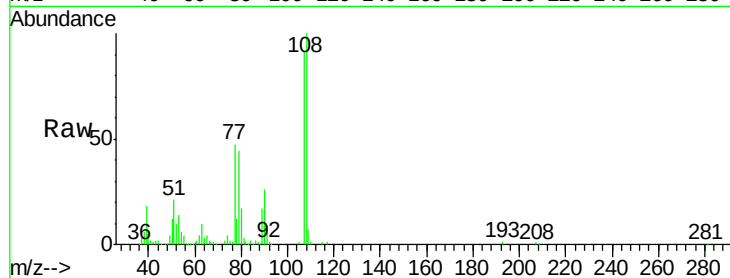
#11
 2-Methylphenol
 Concen: 7.97 ng/ul
 RT: 7.94 min Scan# 859
 Delta R.T. -0.01 min
 Lab File: BM026124.D
 Acq: 26 May 2020 21:51

Instrument :
 BNA_M
 ClientSampleId :
 F9B27DL

Tgt Ion	Ratio	Lower	Upper
108	100		
107	90.5	72.3	108.5

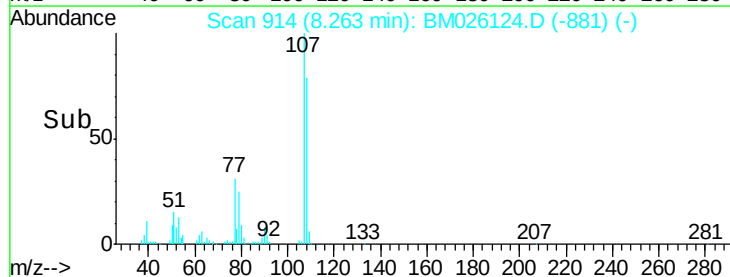
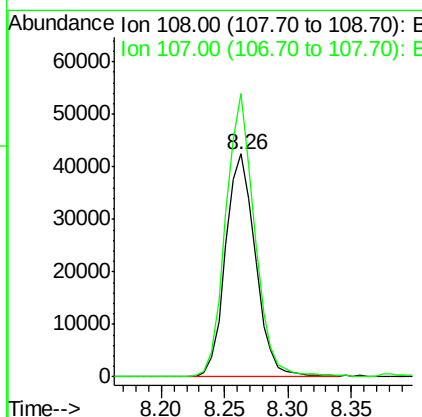
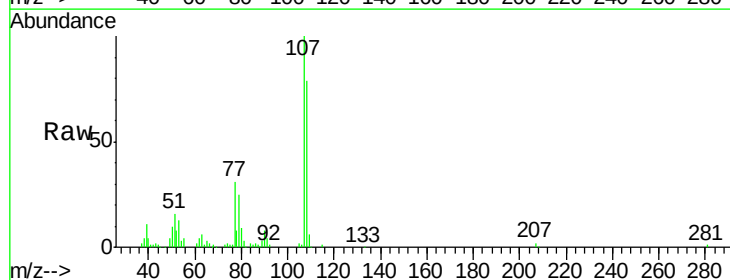
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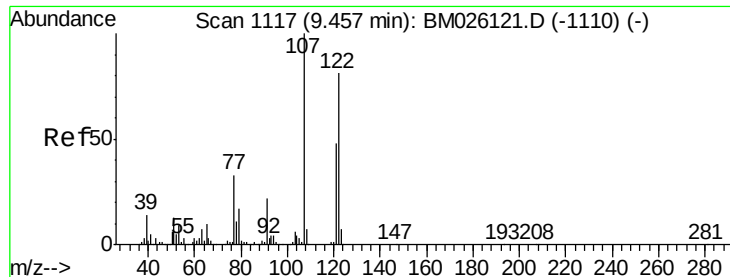
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#16
 4-Methylphenol
 Concen: 5.90 ng/ul
 RT: 8.26 min Scan# 914
 Delta R.T. -0.01 min
 Lab File: BM026124.D
 Acq: 26 May 2020 21:51

Tgt Ion	Ratio	Lower	Upper
108	100		
107	127.1	88.6	132.8





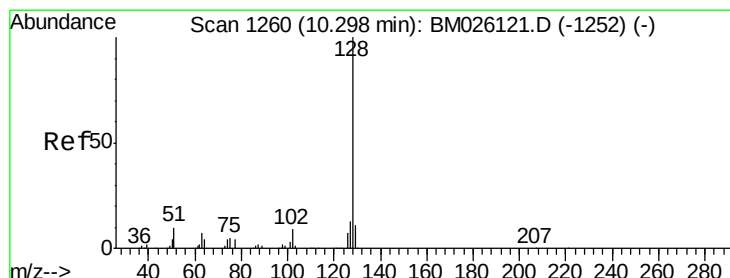
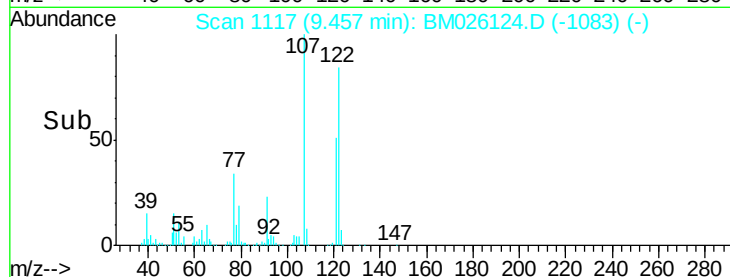
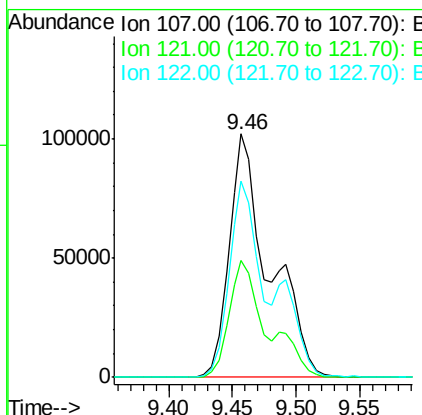
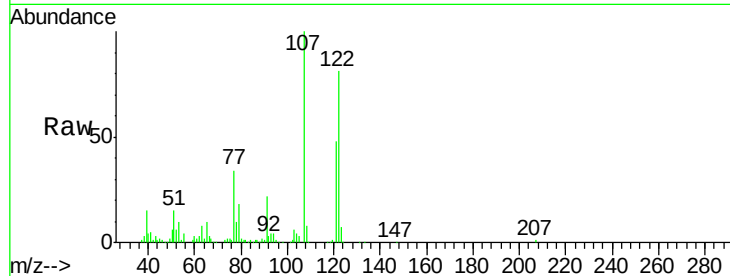
#24
2,4-Dimethylphenol
Concen: 15.95 ng/ul m
RT: 9.46 min Scan# 1117
Delta R.T. -0.00 min
Lab File: BM026124.D
Acq: 26 May 2020 21:51

Instrument :
BNA_M
ClientSampled :
F9B27DL

Tgt Ion	Ratio	Lower	Upper
107	100		
121	47.9	37.5	56.3
122	80.7	63.8	95.6

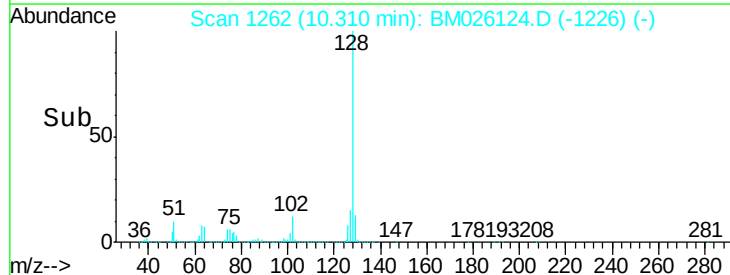
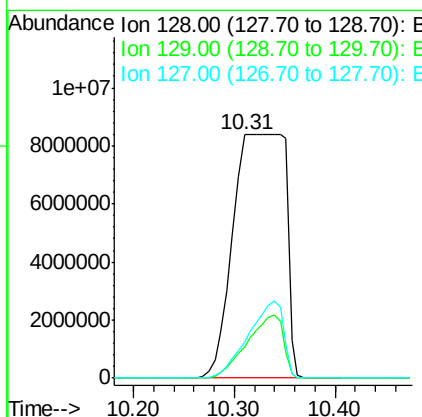
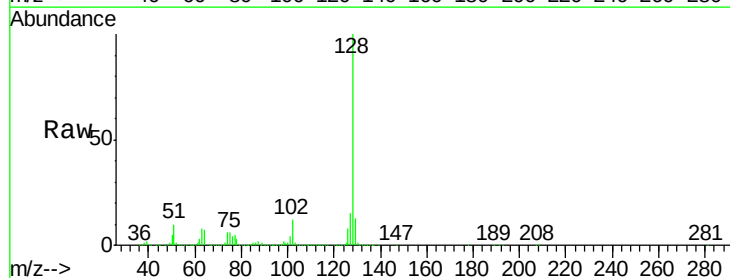
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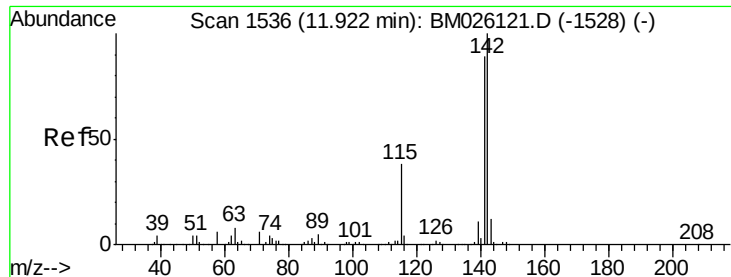
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#28
Naphthalene
Concen: 783.80 ng/ul m
RT: 10.31 min Scan# 1262
Delta R.T. 0.01 min
Lab File: BM026124.D
Acq: 26 May 2020 21:51

Tgt Ion	Ratio	Lower	Upper
128	100		
129	12.9	9.0	13.4
127	15.1	10.6	15.8





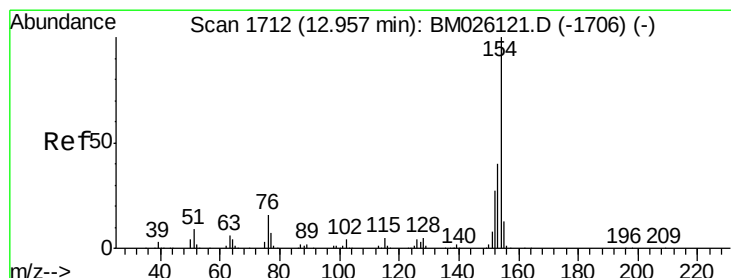
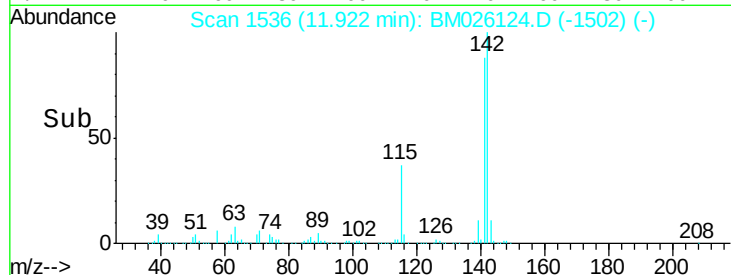
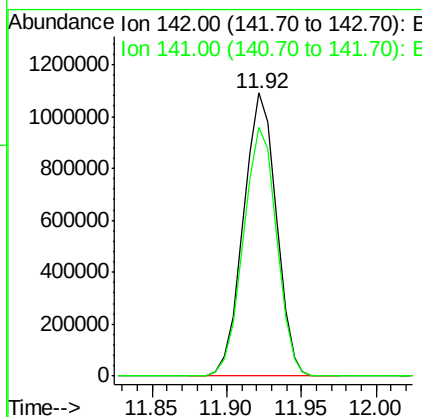
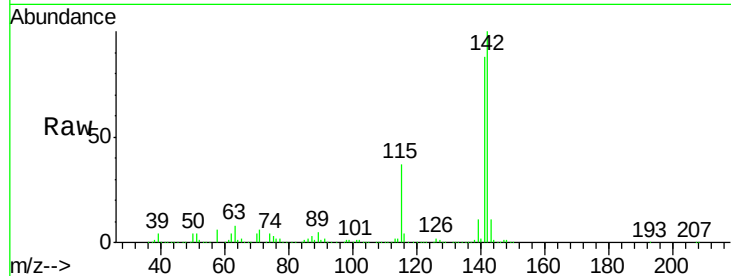
#34
2-Methylnaphthalene
Concen: 64.17 ng/ul
RT: 11.92 min Scan# 1536
Delta R.T. -0.00 min
Lab File: BM026124.D
Acq: 26 May 2020 21:51

Instrument :
BNA_M
ClientSampleId :
F9B27DL

Tgt Ion:142 Resp: 1666178
Ion Ratio Lower Upper
142 100
141 88.0 71.8 107.6

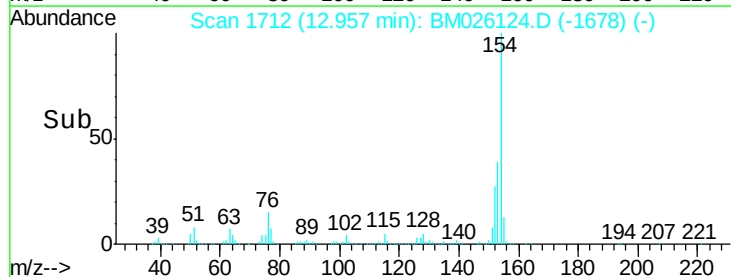
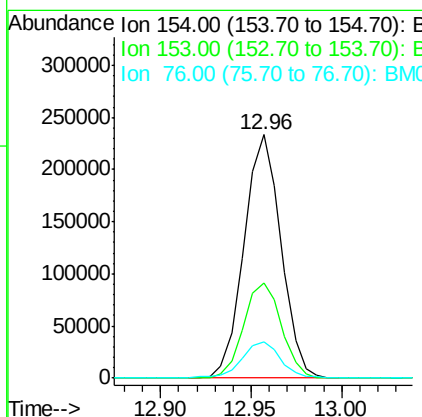
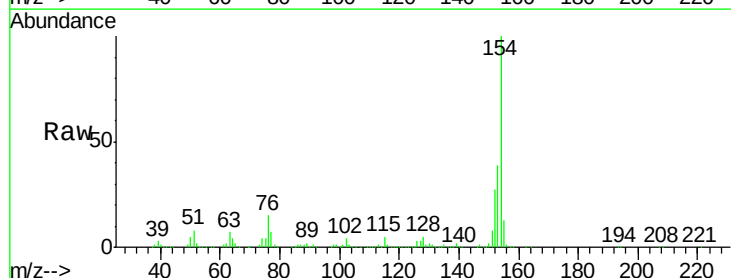
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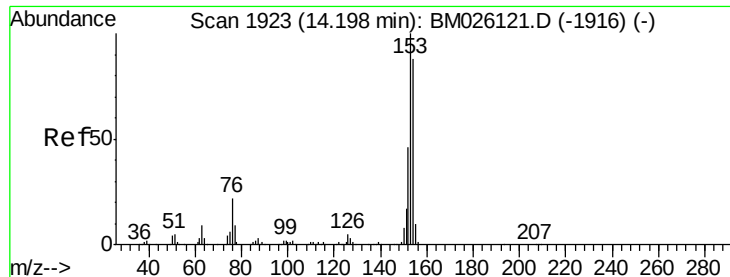
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#41
1,1'-Biphenyl
Concen: 9.81 ng/ul
RT: 12.96 min Scan# 1712
Delta R.T. -0.00 min
Lab File: BM026124.D
Acq: 26 May 2020 21:51

Tgt Ion:154 Resp: 331080
Ion Ratio Lower Upper
154 100
153 38.8 32.3 48.5
76 15.0 13.0 19.6





#50

Acenaphthene

Concen: 44.52 ng/ul

RT: 14.20 min Scan# 1923

Delta R.T. -0.00 min

Lab File: BM026124.D

Acq: 26 May 2020 21:51

Instrument :

BNA_M

ClientSampleId :

F9B27DL

Tgt Ion:153 Resp: 1245240

Ion Ratio Lower Upper

153 100

152 47.0 37.2 55.8

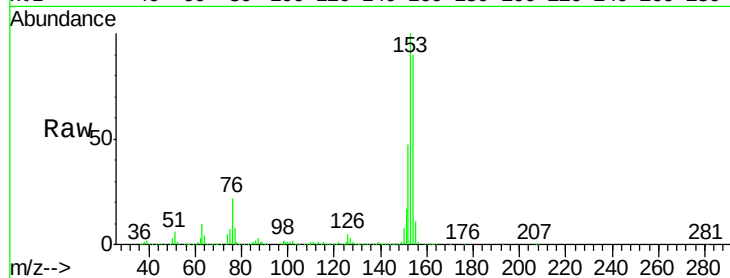
154 90.1 69.8 104.8

Manual Integrations

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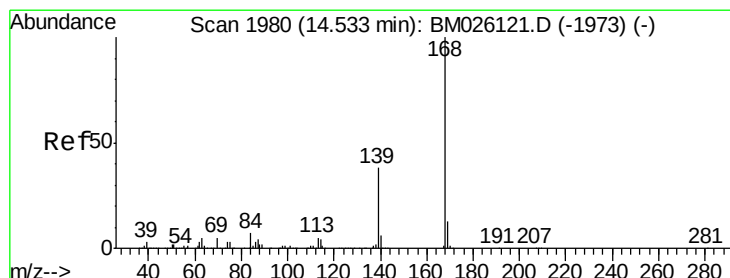
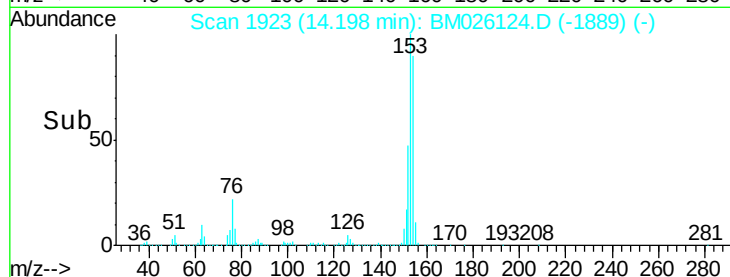
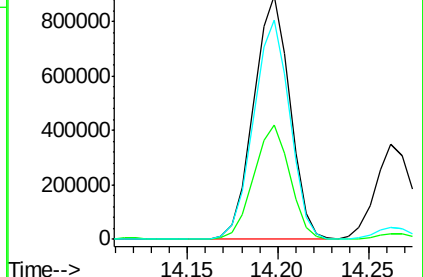
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Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E



#54

Dibenzofuran

Concen: 26.19 ng/ul

RT: 14.53 min Scan# 1980

Delta R.T. -0.01 min

Lab File: BM026124.D

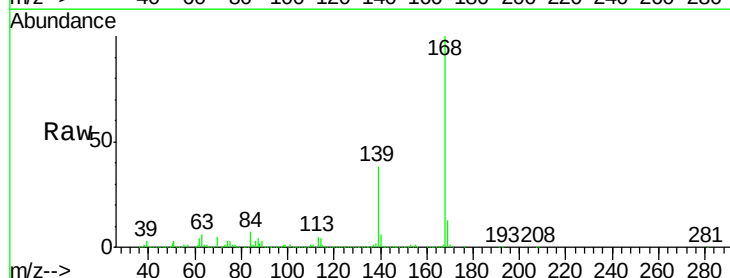
Acq: 26 May 2020 21:51

Tgt Ion:168 Resp: 1029374

Ion Ratio Lower Upper

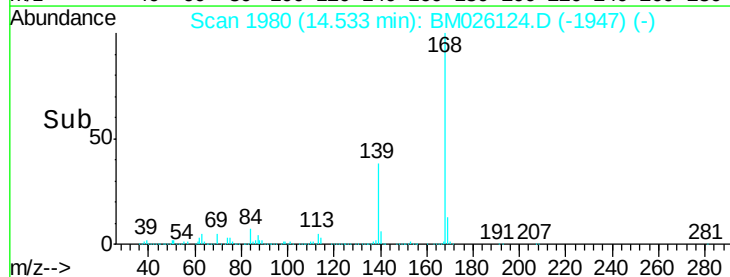
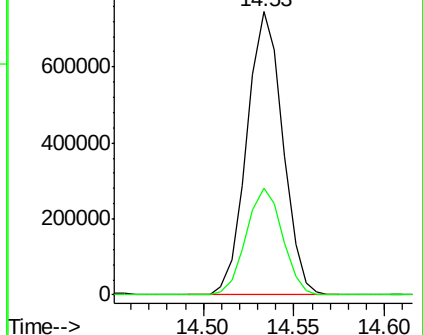
168 100

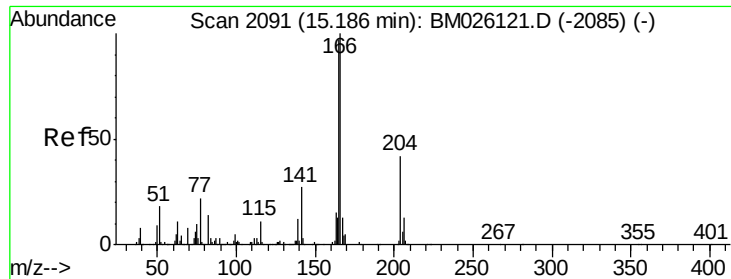
139 37.8 30.7 46.1



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E





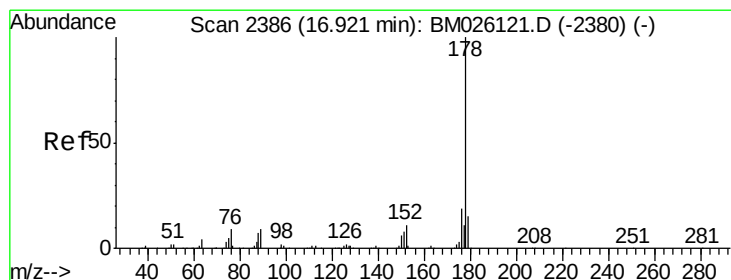
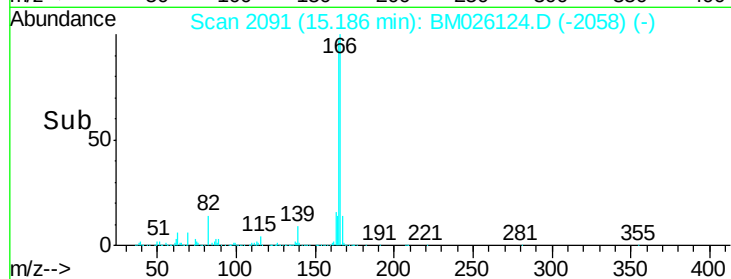
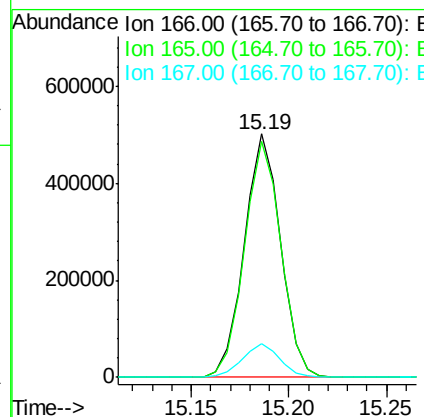
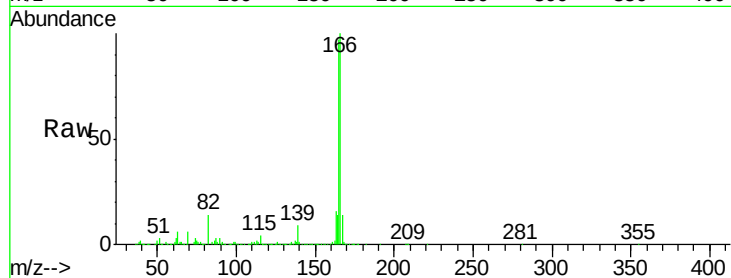
#59
 Fluorene
 Concen: 20.30 ng/ul
 RT: 15.19 min Scan# 2091
 Delta R.T. -0.01 min
 Lab File: BM026124.D
 Acq: 26 May 2020 21:51

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 F9B27DL

Tgt Ion	Ratio	Lower	Upper
166	100		
165	96.7	77.3	115.9
167	13.9	10.6	16.0

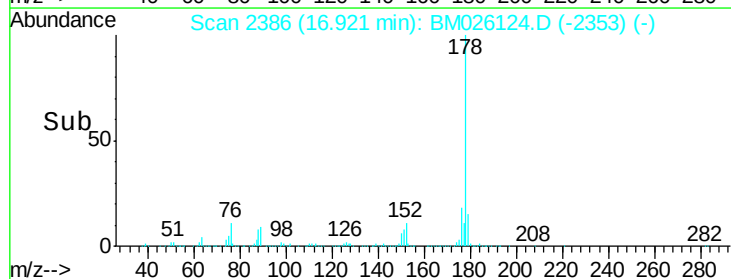
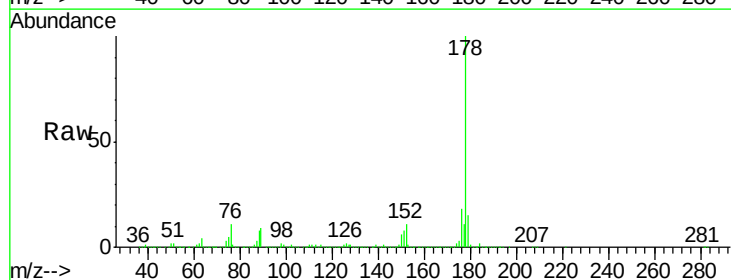
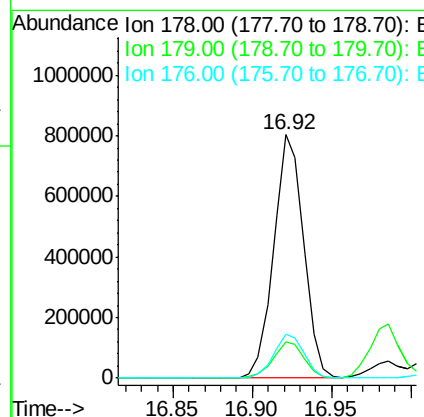
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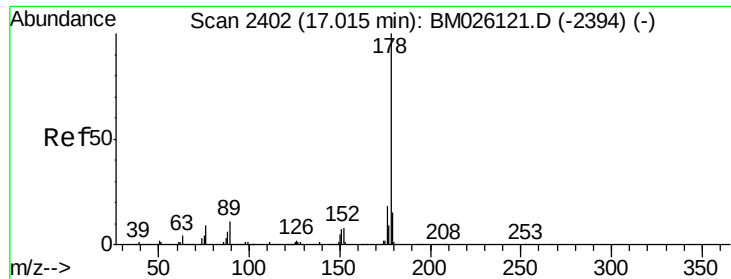
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#70
 Phenanthrene
 Concen: 20.51 ng/ul
 RT: 16.92 min Scan# 2386
 Delta R.T. -0.01 min
 Lab File: BM026124.D
 Acq: 26 May 2020 21:51

Tgt Ion	Ratio	Lower	Upper
178	100		
179	14.9	11.9	17.9
176	18.2	14.9	22.3





#72

Anthracene

Concen: 1.78 ng/ul m

RT: 17.01 min Scan# 2401

Delta R.T. -0.01 min

Lab File: BM026124.D

Acq: 26 May 2020 21:51

Instrument :

BNA_M

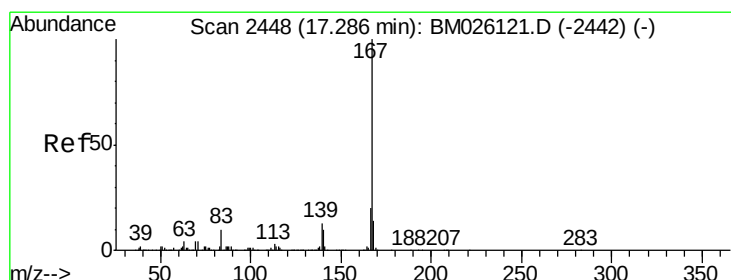
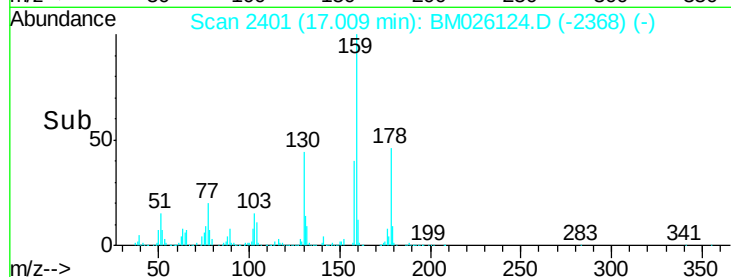
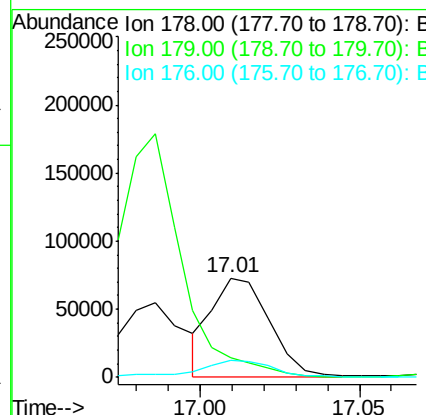
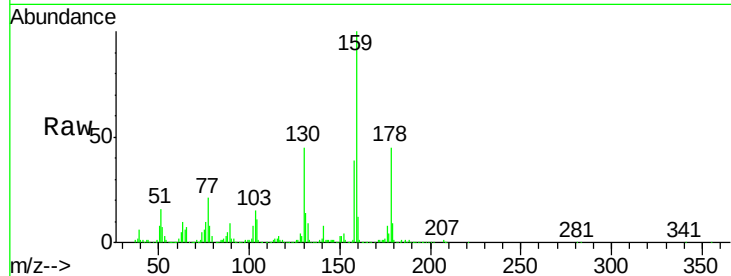
ClientSampleID :

F9B27DL

Tgt Ion	Ratio	Lower	Upper
178	100		
179	19.2	12.2	18.4#
176	17.1	14.9	22.3

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#75

Carbazole

Concen: 54.28 ng/ul

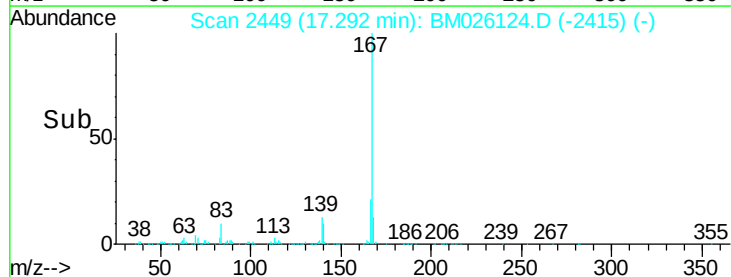
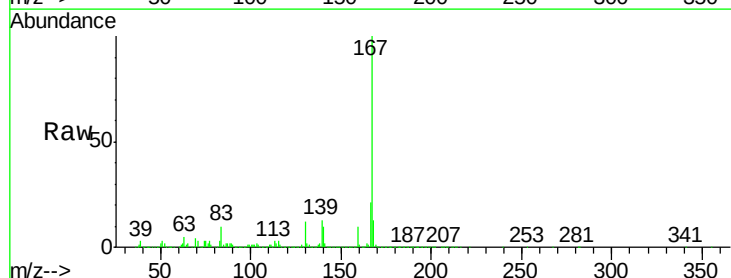
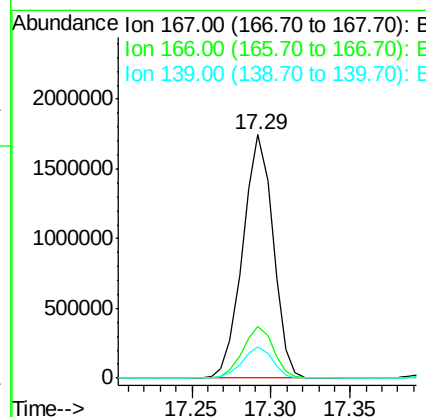
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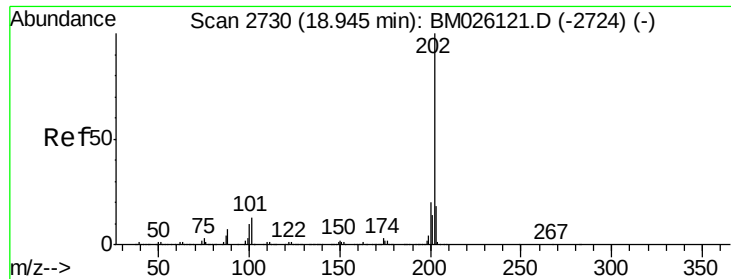
Delta R.T. -0.00 min

Lab File: BM026124.D

Acq: 26 May 2020 21:51

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.0	16.6	25.0
139	12.9	10.8	16.2





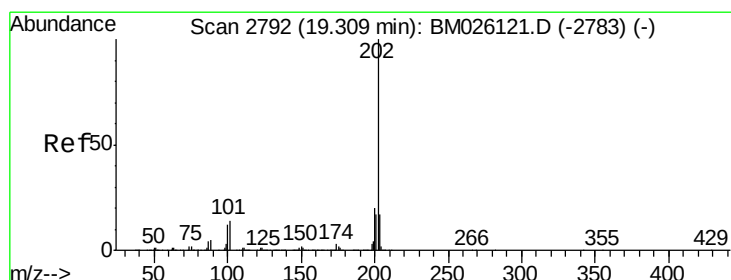
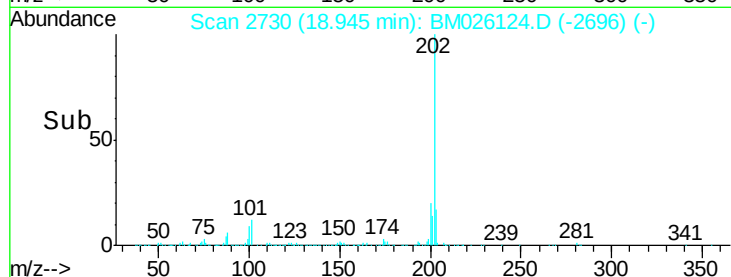
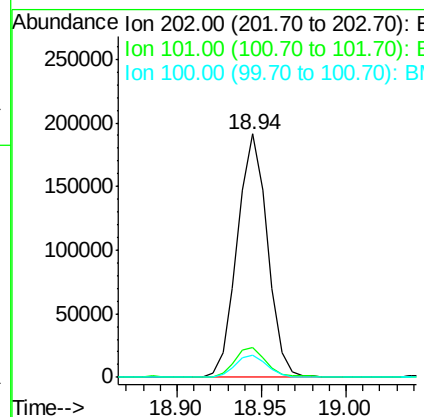
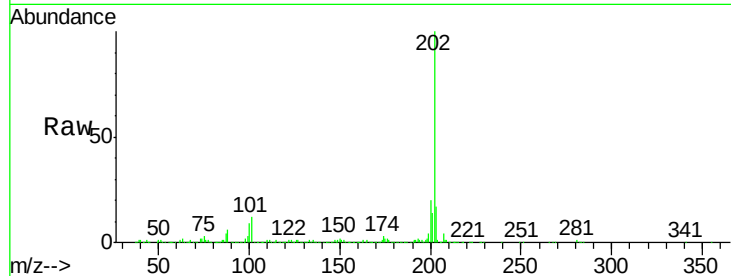
#77
 Fluoranthene
 Concen: 4.41 ng/ul
 RT: 18.94 min Scan# 2730
 Delta R.T. -0.00 min
 Lab File: BM026124.D
 Acq: 26 May 2020 21:51

Instrument :
 BNA_M
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 F9B27DL

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	238241		
101	12.4	9.5	14.3	
100	9.1	7.6	11.4	

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#80
 Pyrene
 Concen: 2.51 ng/ul
 RT: 19.31 min Scan# 2792
 Delta R.T. -0.00 min
 Lab File: BM026124.D
 Acq: 26 May 2020 21:51

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	153711		
101	13.8	12.2	18.4	
100	11.0	10.2	15.4	

