

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052220\
 Data File : BM026077.D
 Acq On : 22 May 2020 13:02
 Operator : MA/SJ
 Sample : L2725-11DL 10X
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleID :
 F9B22DL

Manual Integrations
 APPROVED

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 5/26/2020 10:11:08 AM

Quant Time: May 22 13:45:50 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	158587	20.00	ng/ul	0.00
18) Naphthalene-d8	10.26	136	645531	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.14	164	372661	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.89	188	797401	20.00	ng/ul	0.00
78) Chrysene-d12	21.09	240	844902	20.00	ng/ul	0.00
86) Perylene-d12	23.21	264	873580	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.08	96	3383	0.64	ng/uL	0.00
5) Phenol-d5	6.69	99	11518	0.80	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.85	67	35860	3.60	ng/ul	0.00
9) 2-Chlorophenol-d4	7.03	132	30231	2.68	ng/ul	0.00
13) 4-Methylphenol-d8	8.20	113	20617	1.90	ng/ul	0.00
19) Nitrobenzene-d5	8.64	128	19198	3.65	ng/ul	0.00
22) 2-Nitrophenol-d4	9.35	143	16085	3.09	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.89	165	31437	3.01	ng/ul	0.00
29) 4-Chloroaniline-d4	10.42	131	3074	0.29	ng/ul	0.02
44) Dimethylphthalate-d6	13.56	166	114831	3.84	ng/ul	0.00
47) Acenaphthylene-d8	13.82	160	123198	3.48	ng/ul	0.00
52) 4-Nitrophenol-d4	14.36	143	3222	0.61	ng/ul	0.00
58) Fluorene-d10	15.13	176	100152	3.85	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.27	200	9682	2.08	ng/ul	0.00
71) Anthracene-d10	16.98	188	157070	4.00	ng/ul	0.00
79) Pyrene-d10	19.29	212	174226	4.01	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.07	264	151224	3.25	ng/ul	0.00

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
24) 2,4-Dimethylphenol	9.46	107	24804m	1.716	ng/ul	
28) Naphthalene	10.32	128	23813208m	603.339	ng/ul	
34) 2-Methylnaphthalene	11.93	142	634969	23.919	ng/ul	98
41) 1,1'-Biphenyl	12.96	154	157948	4.777	ng/ul	98
50) Acenaphthene	14.20	153	867143	31.633	ng/ul	99
54) Dibenzofuran	14.54	168	657099	17.057	ng/ul	98
59) Fluorene	15.19	166	439605	14.106	ng/ul	100
70) Phenanthrene	16.93	178	630883	12.560	ng/ul	99
75) Carbazole	17.29	167	1668954	40.032	ng/ul	100
77) Fluoranthene	18.95	202	67164	1.275	ng/ul	97

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

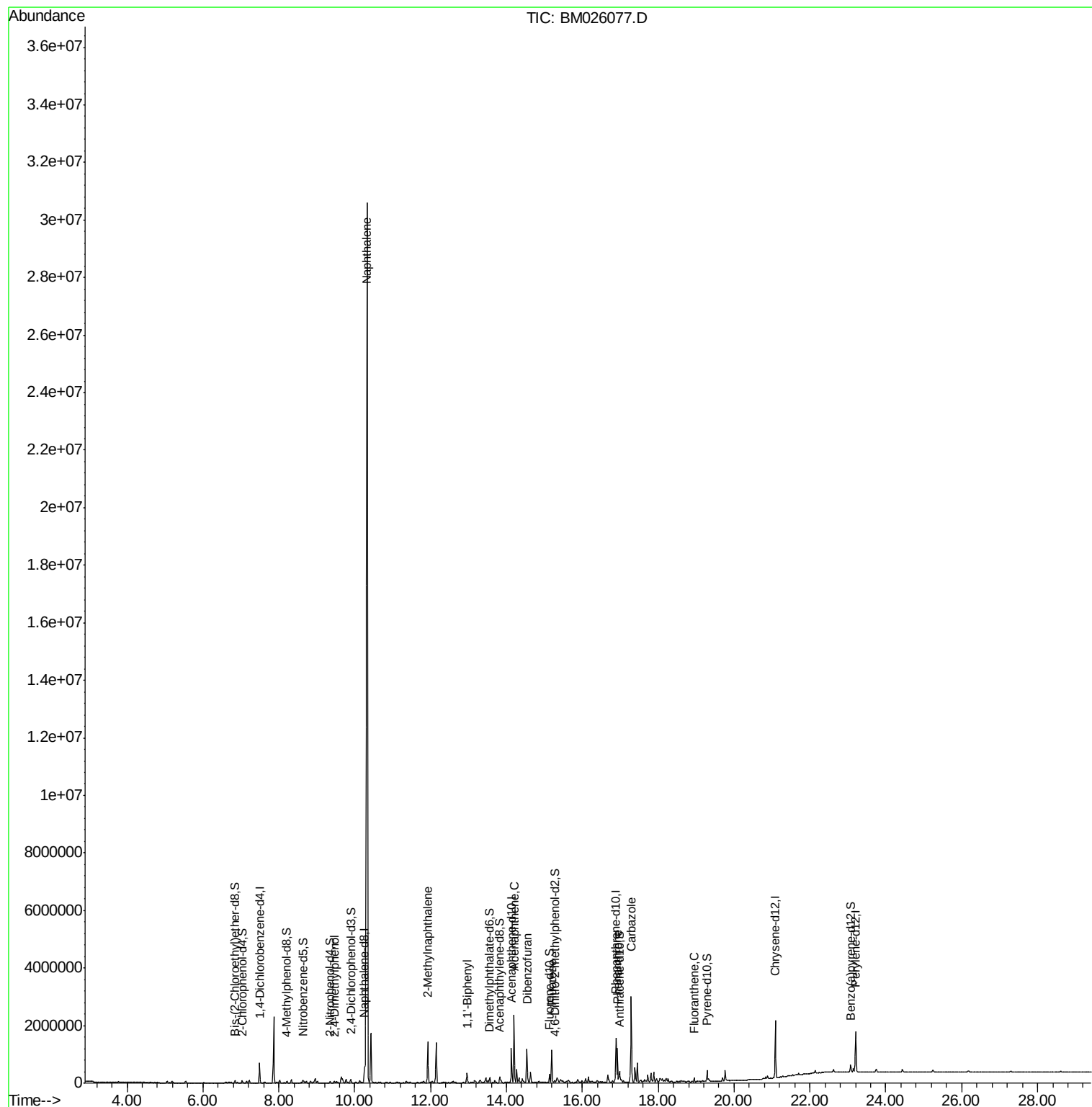
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052220\
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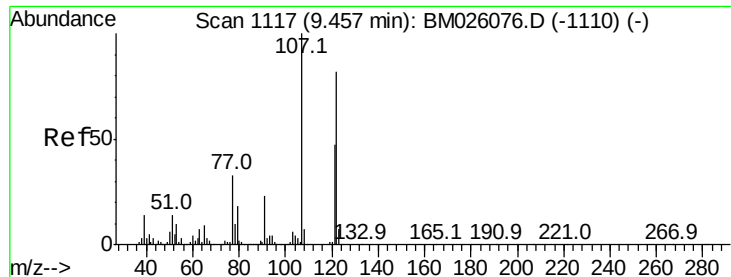
Instrument :
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Quant Title : SVOA CALIBRATION
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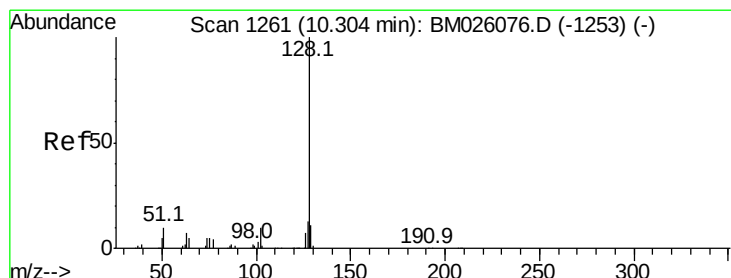
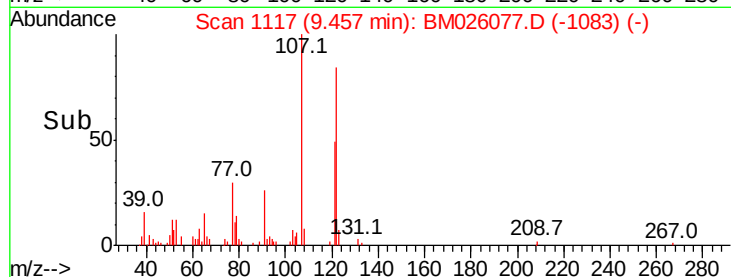
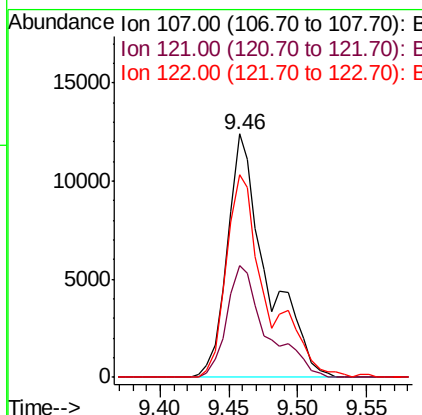
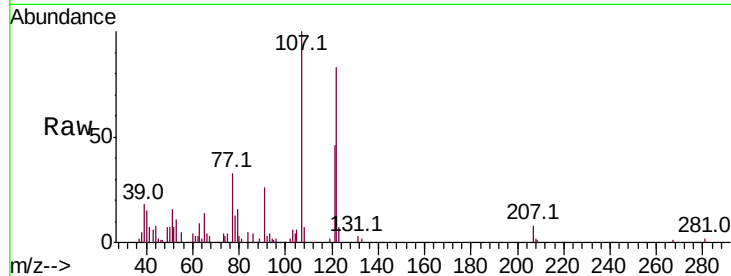
#24
2,4-Dimethylphenol
Concen: 1.716 ng/ul m
RT: 9.46 min Scan# 1117
Delta R.T. 0.00 min
Lab File: BM026077.D
Acq: 22 May 2020 13:02

Instrument :
BNA_M
ClientSampleId :
F9B22DL

Tot Ion	Ratio	Resp	Lower	Upper
107	100	24804		
121	45.7		37.5	56.3
122	83.4		63.8	95.6

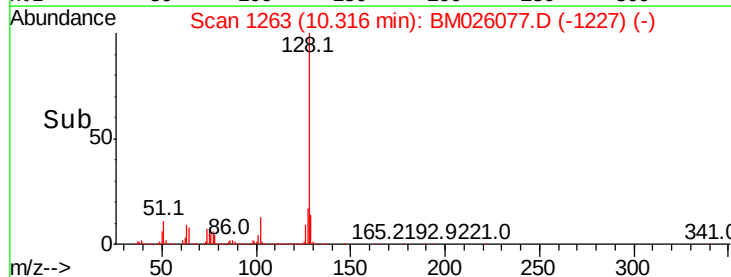
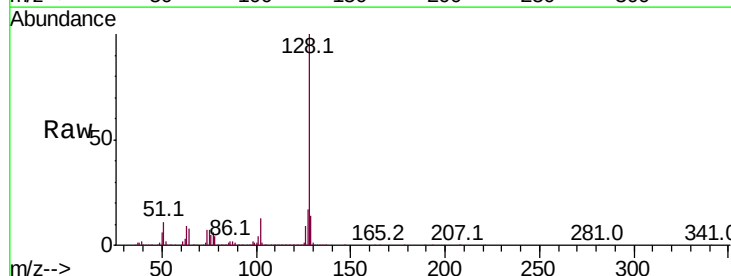
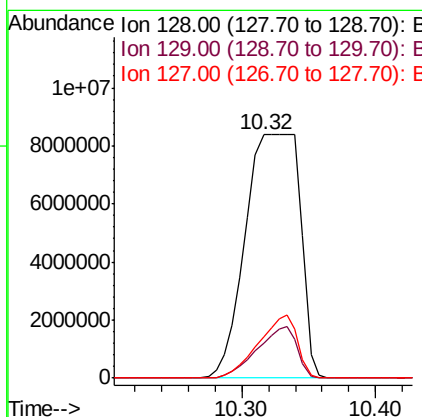
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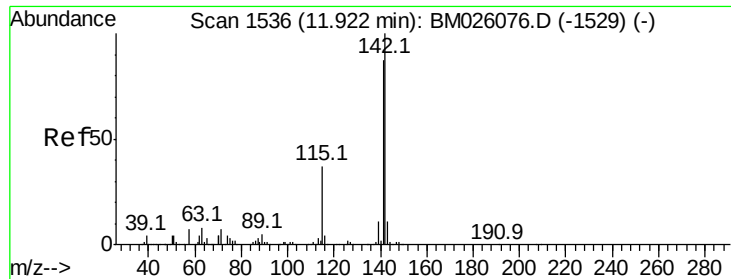
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#28
Naphthalene
Concen: 603.339 ng/ul m
RT: 10.32 min Scan# 1263
Delta R.T. 0.01 min
Lab File: BM026077.D
Acq: 22 May 2020 13:02

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	23813208		
129	14.2		9.0	13.4#
127	16.9		10.6	15.8#





#34

2-Methylnaphthalene

Concen: 23.919 ng/ul

RT: 11.93 min Scan# 1537

Delta R.T. 0.01 min

Lab File: BM026077.D

Acq: 22 May 2020 13:02

Instrument :

BNA_M

ClientSampleId :

F9B22DL

Tot Ion:142 Resp: 634969

Ion Ratio Lower Upper

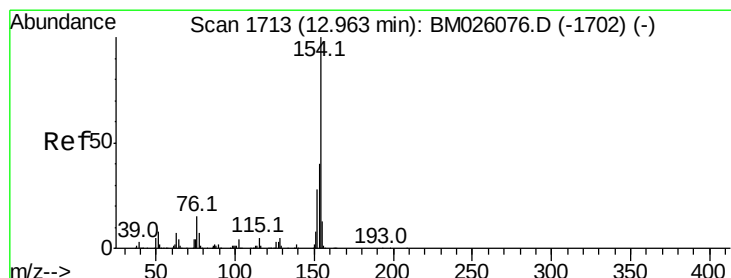
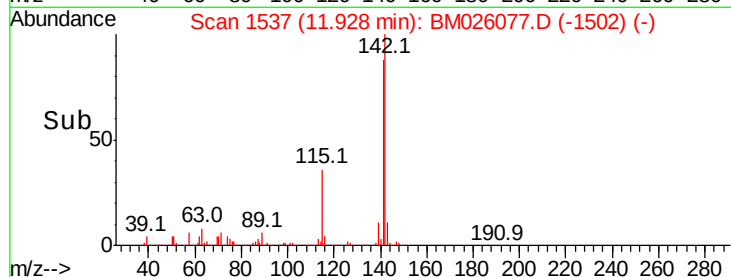
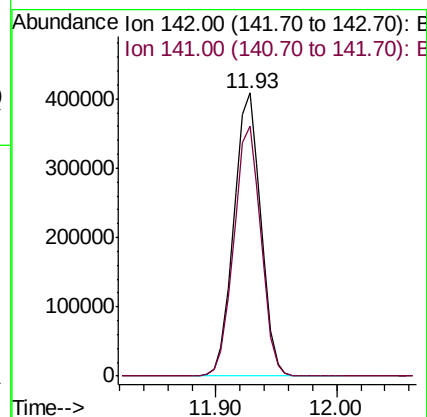
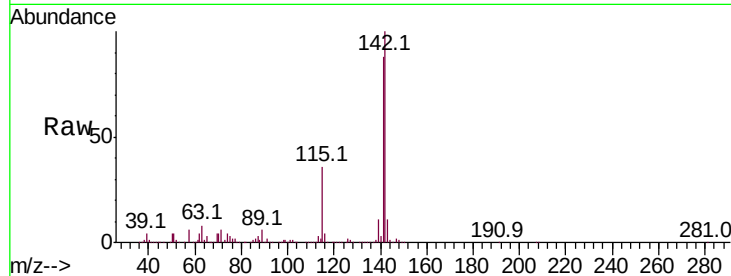
142 100

141 88.2 71.8 107.6

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#41

1,1'-Biphenyl

Concen: 4.777 ng/ul

RT: 12.96 min Scan# 1713

Delta R.T. 0.00 min

Lab File: BM026077.D

Acq: 22 May 2020 13:02

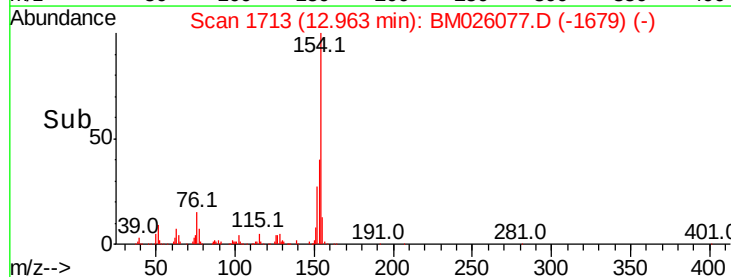
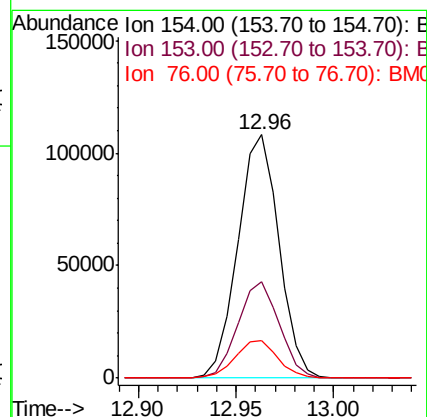
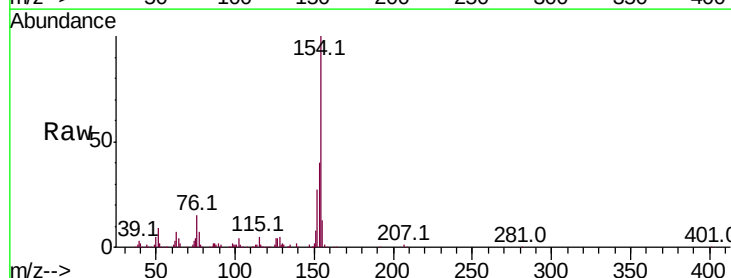
Tgt Ion:154 Resp: 157948

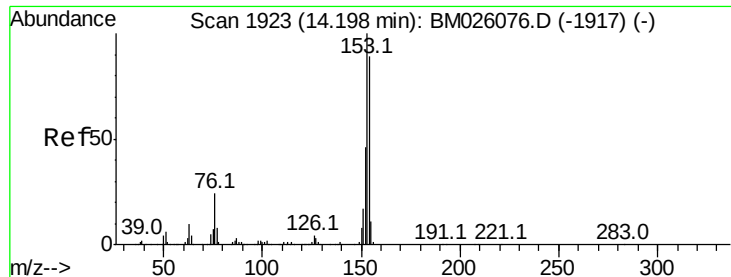
Ion Ratio Lower Upper

154 100

153 39.6 32.3 48.5

76 15.2 13.0 19.6





#50

Acenaphthene

Concen: 31.633 ng/ul

RT: 14.20 min Scan# 1924

Delta R.T. 0.01 min

Lab File: BM026077.D

Acq: 22 May 2020 13:02

Instrument :

BNA_M

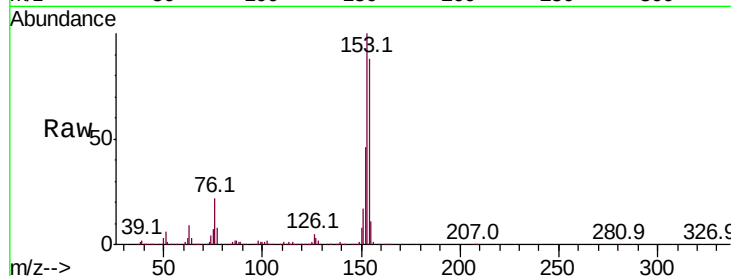
ClientSampleId :

F9B22DL

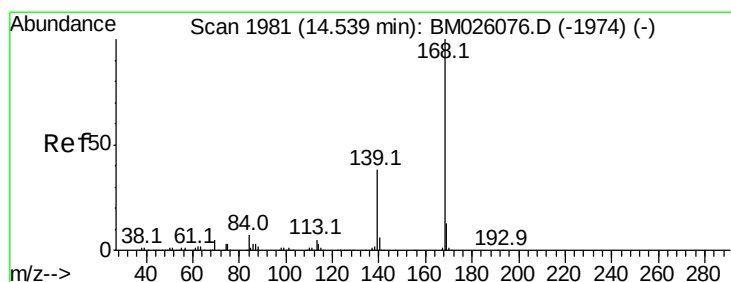
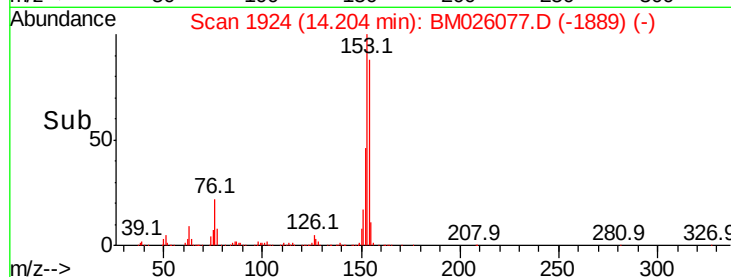
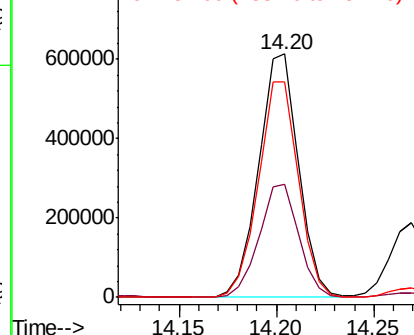
Tot Ion:	153	Resp:	867143
Ion Ratio	Lower	Upper	
153	100		
152	46.5	37.2	55.8
154	88.5	69.8	104.8

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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: 17.057 ng/ul

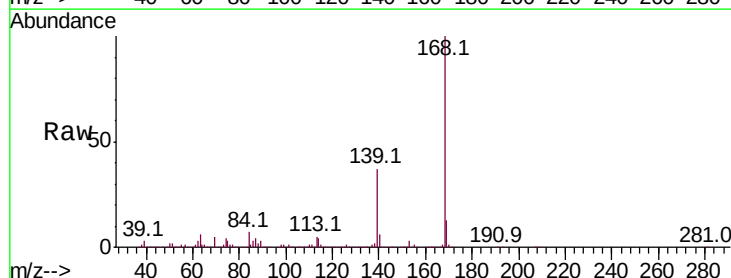
RT: 14.54 min Scan# 1981

Delta R.T. 0.00 min

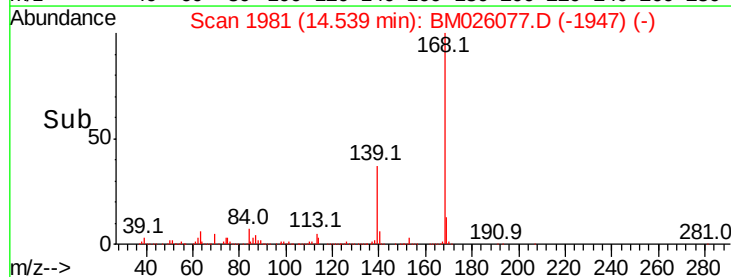
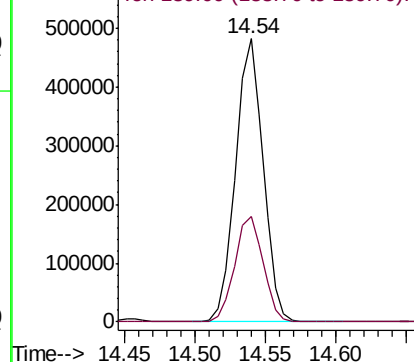
Lab File: BM026077.D

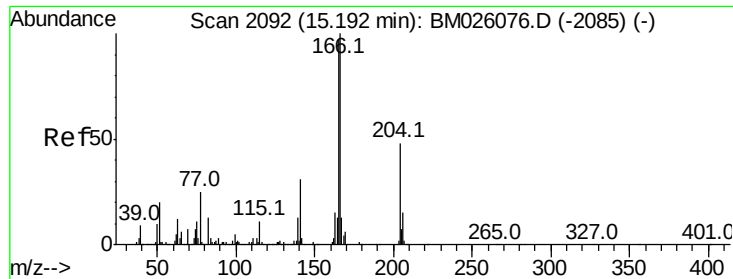
Acq: 22 May 2020 13:02

Tgt Ion:	168	Resp:	657099
Ion Ratio	Lower	Upper	
168	100		
139	37.5	30.7	46.1



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E





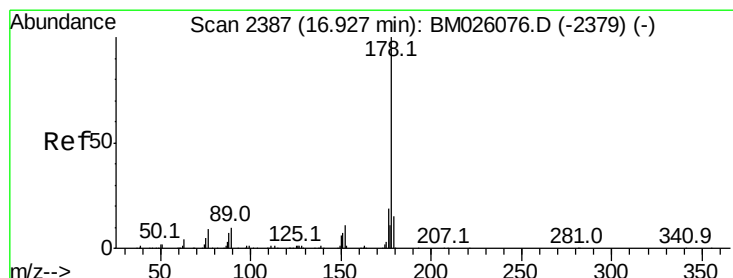
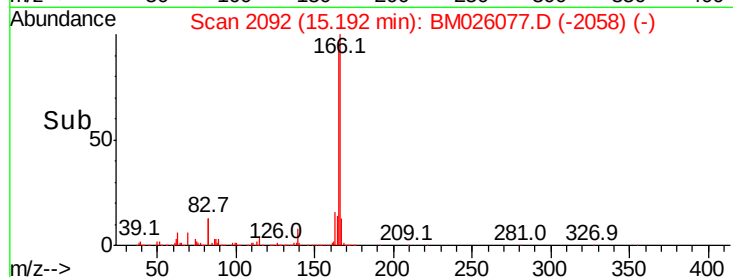
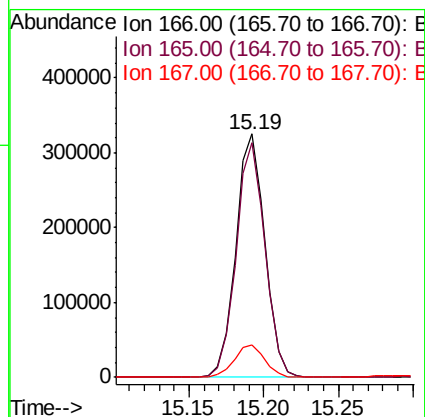
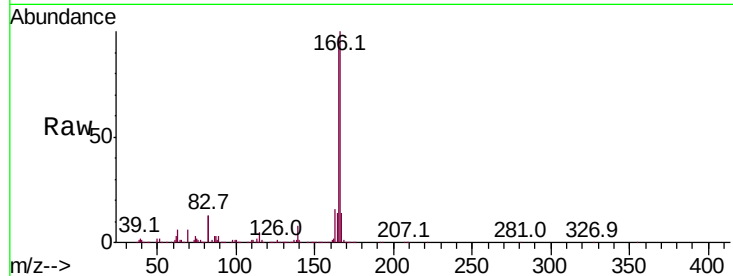
#59
Fluorene
 Concen: 14.106 ng/ul
 RT: 15.19 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: BM026077.D
 Acq: 22 May 2020 13:02

Instrument :
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 F9B22DL

Tot Ion	Ratio	Lower	Upper
166	100		
165	96.3	77.3	115.9
167	13.5	10.6	16.0

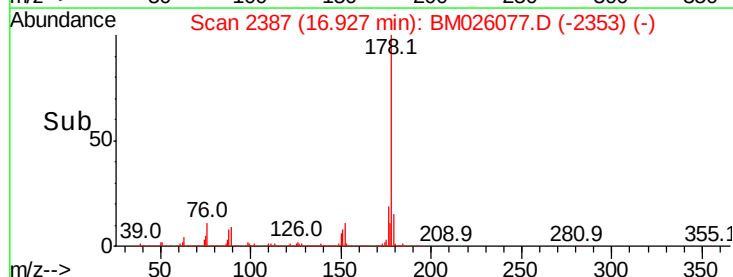
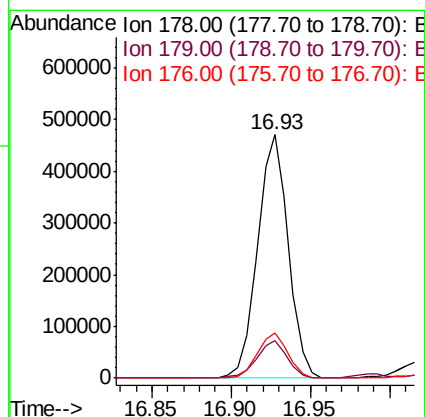
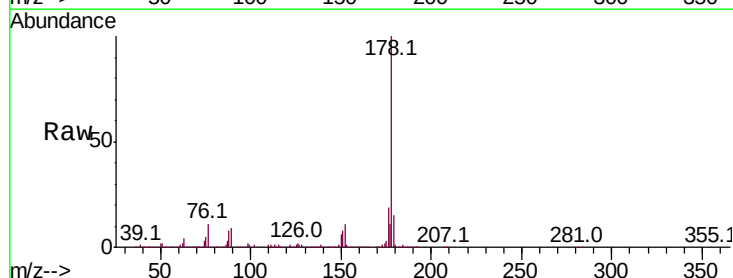
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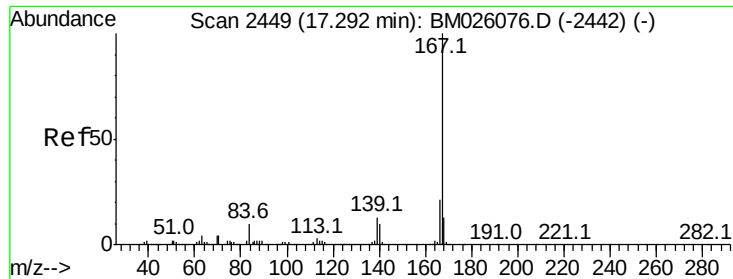
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#70
Phenanthrene
 Concen: 12.560 ng/ul
 RT: 16.93 min Scan# 2387
 Delta R.T. 0.00 min
 Lab File: BM026077.D
 Acq: 22 May 2020 13:02

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.4	11.9	17.9
176	18.6	14.9	22.3





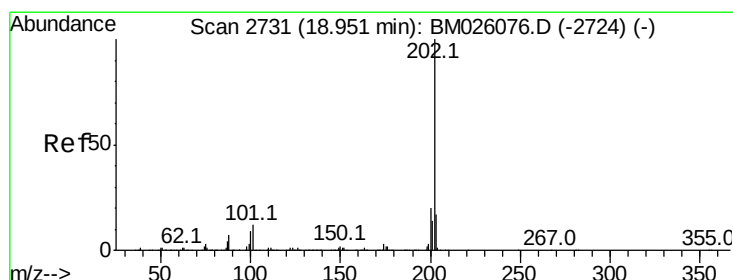
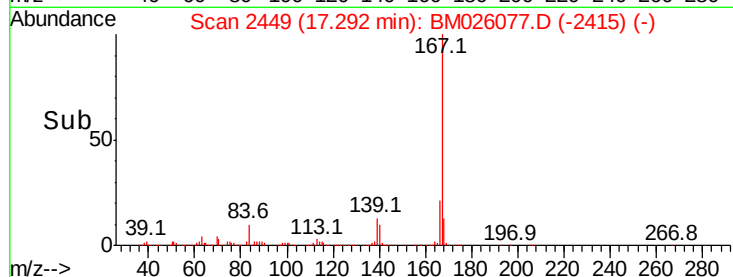
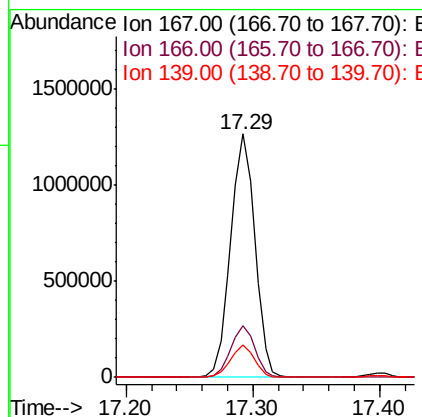
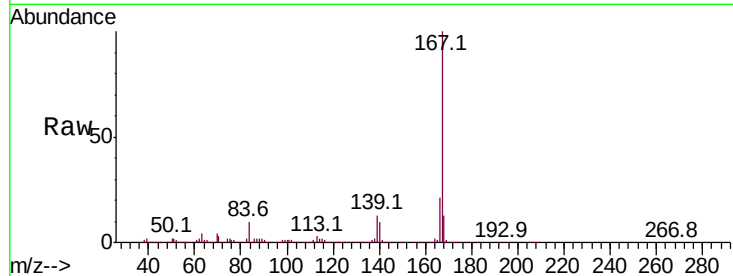
#75
 Carbazole
 Concen: 40.032 ng/ul
 RT: 17.29 min Scan# 2449
 Delta R.T. 0.00 min
 Lab File: BM026077.D
 Acq: 22 May 2020 13:02

Instrument :
 BNA_M
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Tot Ion	Ratio	Lower	Upper
167	100		
166	21.0	16.6	25.0
139	13.3	10.8	16.2

Manual Integrations
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#77
 Fluoranthene
 Concen: 1.275 ng/ul
 RT: 18.95 min Scan# 2731
 Delta R.T. 0.00 min
 Lab File: BM026077.D
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Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.5	9.5	14.3
100	8.6	7.6	11.4

