

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052720\
 Data File : BM026149.D
 Acq On : 27 May 2020 17:23
 Operator : MA/SJ
 Sample : L2737-11DL 10X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F9B21DL

Manual Integrations
 APPROVED

mohammad
 5/28/2020 8:56:56 AM

Quant Time: May 27 17:56:49 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051320MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed May 27 10:30:40 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.48	152	153239	20.00	ng/ul	0.00
18) Naphthalene-d8	10.25	136	622155	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.13	164	359449	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.87	188	775621	20.00	ng/ul	0.00
78) Chrysene-d12	21.07	240	847533	20.00	ng/ul	0.00
86) Perylene-d12	23.19	264	905251	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.07	96	3132m	0.62	ng/uL	0.01
5) Phenol-d5	6.68	99	12440	0.89	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.83	67	32454	3.37	ng/ul	0.00
9) 2-Chlorophenol-d4	7.03	132	29320	2.69	ng/ul	0.00
13) 4-Methylphenol-d8	8.20	113	20031	1.91	ng/ul	0.00
19) Nitrobenzene-d5	8.63	128	16466	3.25	ng/ul	0.00
22) 2-Nitrophenol-d4	9.35	143	14546	2.90	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.88	165	29396	2.92	ng/ul	0.00
29) 4-Chloroaniline-d4	0.00	131	0d	0.00	ng/ul	
44) Dimethylphthalate-d6	13.55	166	107296	3.72	ng/ul	0.00
47) Acenaphthylene-d8	13.82	160	113741	3.33	ng/ul	0.00
52) 4-Nitrophenol-d4	0.00	143	0d	0.00	ng/ul	
58) Fluorene-d10	15.13	176	93116	3.71	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.26	200	8568	1.89	ng/ul	0.00
71) Anthracene-d10	16.97	188	144237	3.77	ng/ul	0.00
79) Pyrene-d10	19.27	212	163119	3.75	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.06	264	174886	3.63	ng/ul	0.00

Target Compounds

					Ovalue
28) Naphthalene	10.29	128	355297	9.340	ng/ul 100
50) Acenaphthene	14.19	153	1174164	44.407	ng/ul 98
54) Dibenzofuran	14.53	168	876175	23.579	ng/ul 100
59) Fluorene	15.19	166	546926	18.195	ng/ul 99
70) Phenanthrene	16.92	178	542499	11.104	ng/ul 100
75) Carbazole	17.29	167	459249	11.325	ng/ul 99
77) Fluoranthene	18.94	202	79582	1.553	ng/ul 100

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

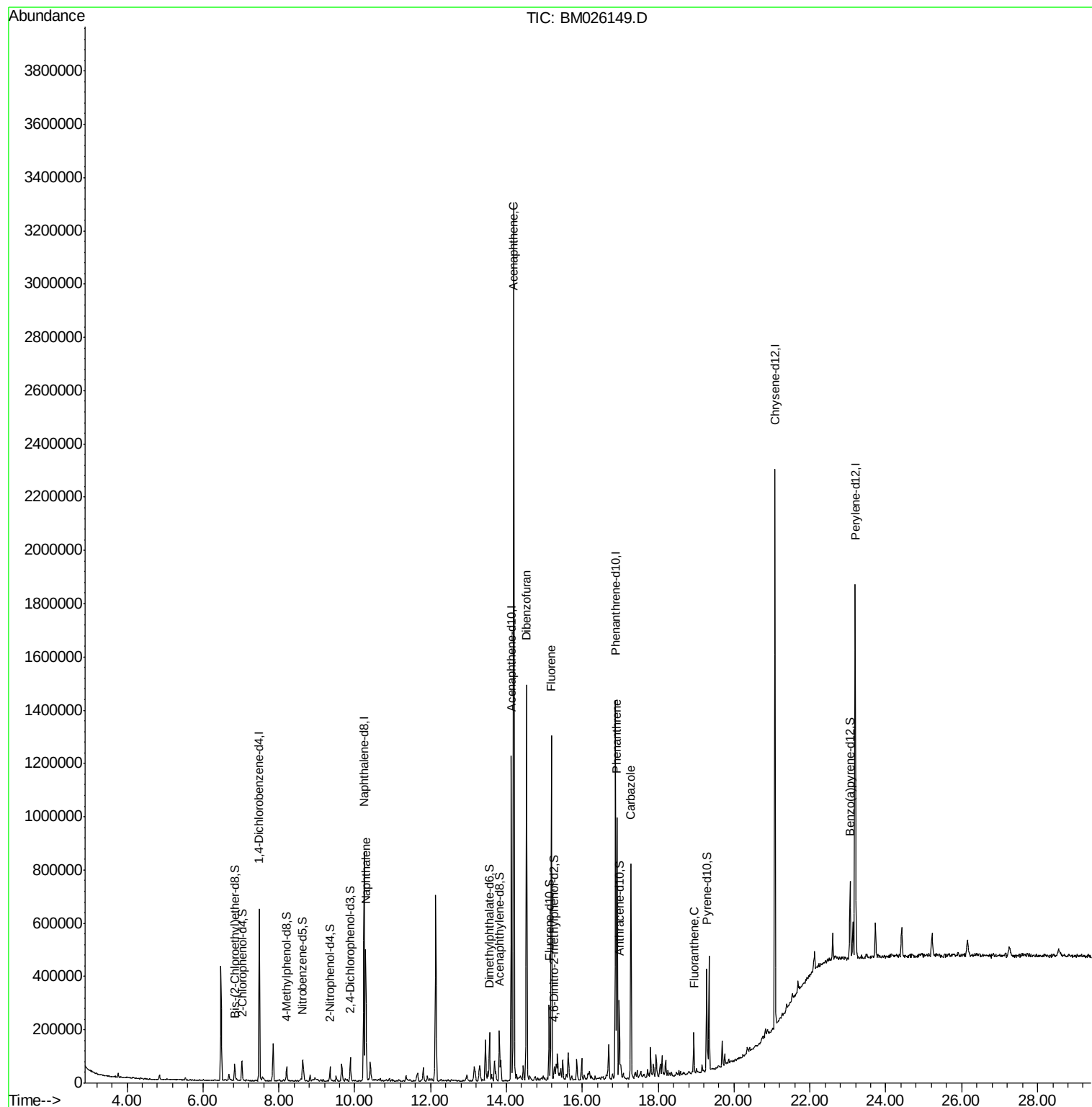
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052720\
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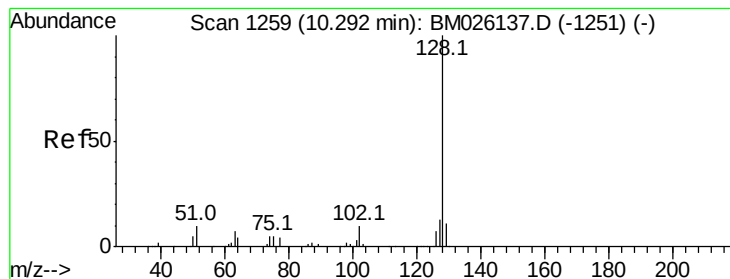
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Response via : Initial Calibration





#28

Naphthalene

Concen: 9.340 ng/ul

RT: 10.29 min Scan# 1259

Delta R.T. 0.00 min

Lab File: BM026149.D

Acq: 27 May 2020 17:23

Instrument :

BNA_M

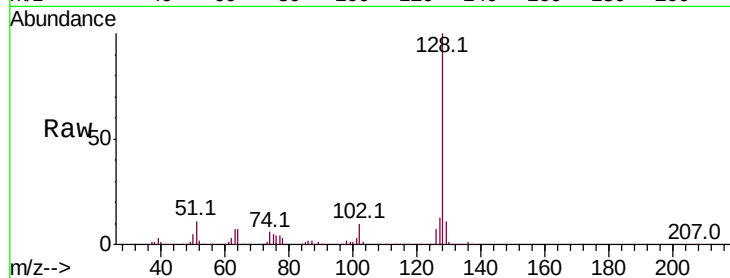
ClientSampleId :

F9B21DL

Tot Ion:	128	Resp:	355297
Ion Ratio	Lower	Upper	
128	100		
129	11.1	9.0	13.4
127	13.2	10.6	15.8

Manual Integrations
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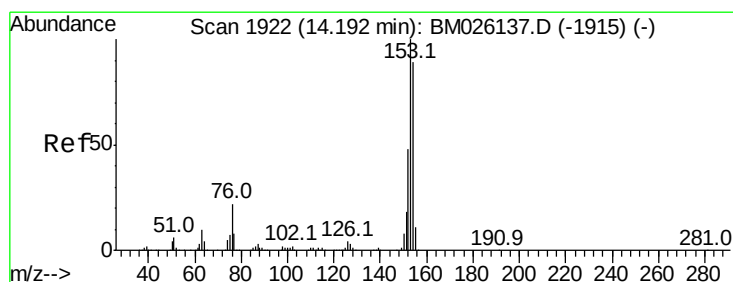
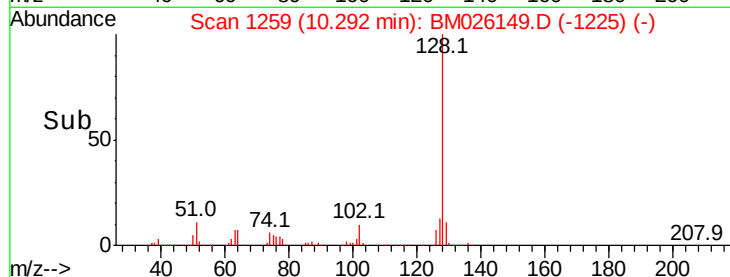
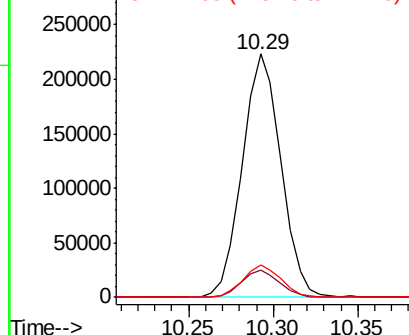


Abundance

Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#50

Acenaphthene

Concen: 44.407 ng/ul

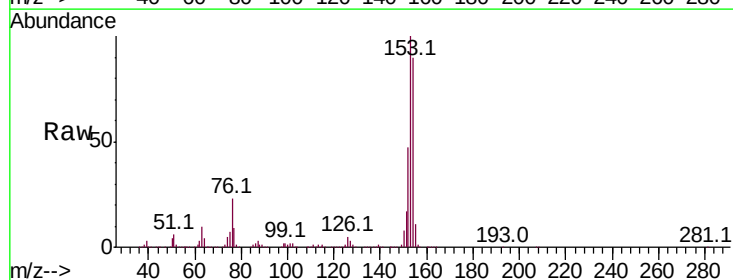
RT: 14.19 min Scan# 1922

Delta R.T. 0.00 min

Lab File: BM026149.D

Acq: 27 May 2020 17:23

Tgt Ion:	153	Resp:	1174164
Ion Ratio	Lower	Upper	
153	100		
152	47.1	37.2	55.8
154	90.0	69.8	104.8

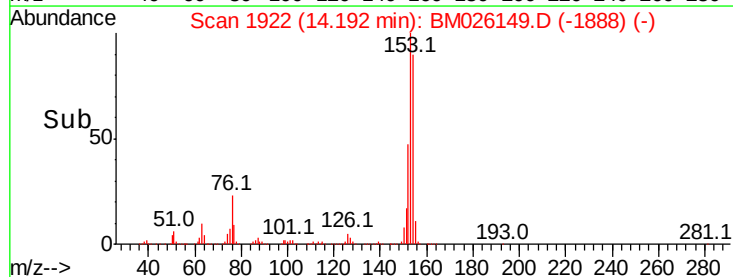
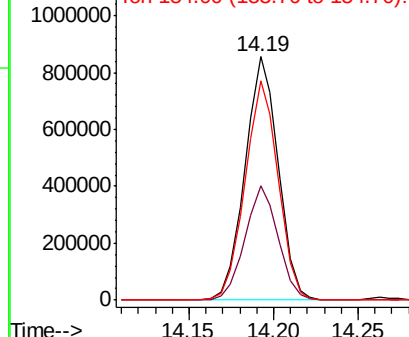


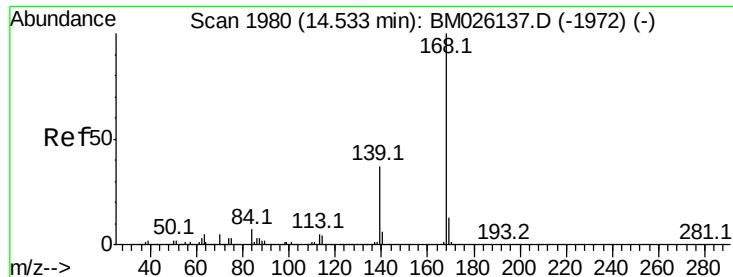
Abundance

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: 23.579 ng/ul

RT: 14.53 min Scan# 1980

Delta R.T. 0.00 min

Lab File: BM026149.D

Acq: 27 May 2020 17:23

Instrument :

BNA_M

ClientSampleId :

F9B21DL

Tot Ion:168 Resp: 876175

Ion Ratio Lower Upper

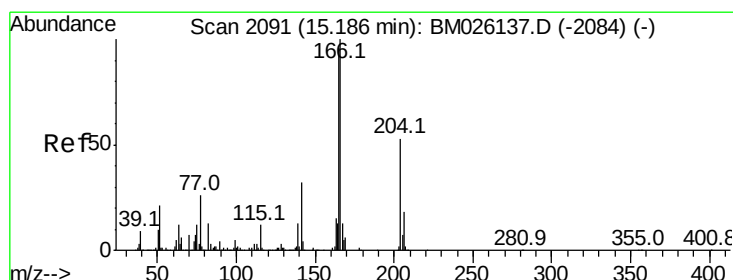
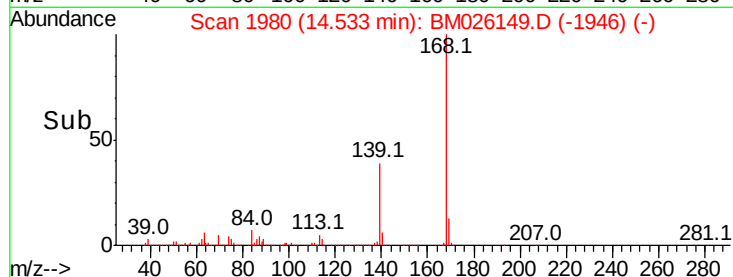
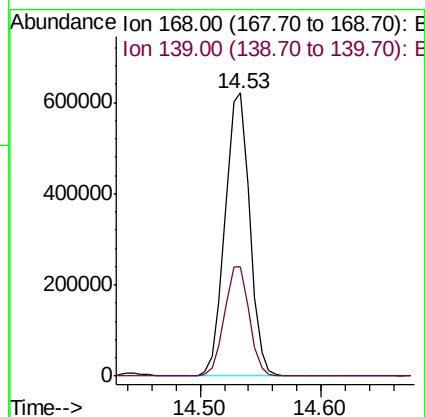
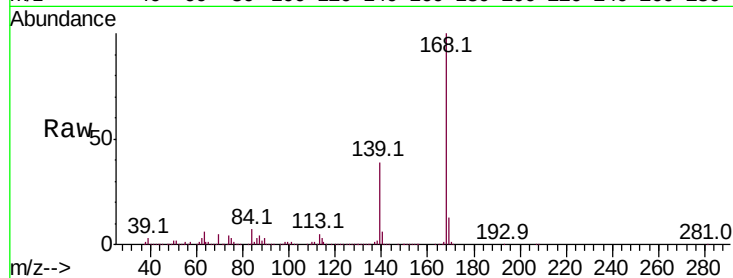
168 100

139 38.7 30.7 46.1

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#59

Fluorene

Concen: 18.195 ng/ul

RT: 15.19 min Scan# 2091

Delta R.T. 0.00 min

Lab File: BM026149.D

Acq: 27 May 2020 17:23

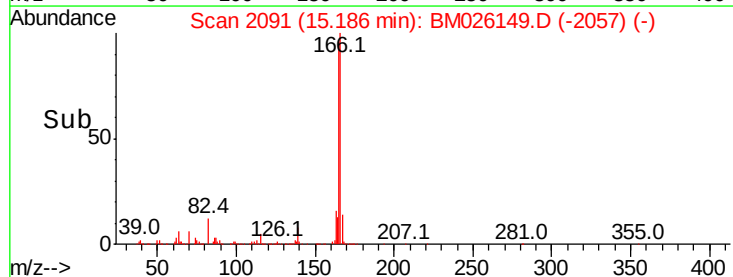
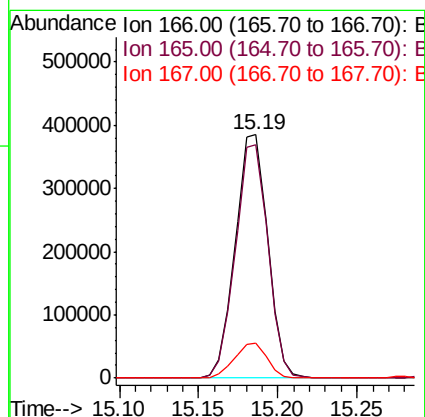
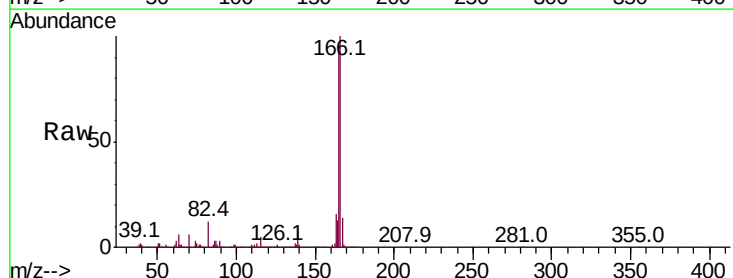
Tgt Ion:166 Resp: 546926

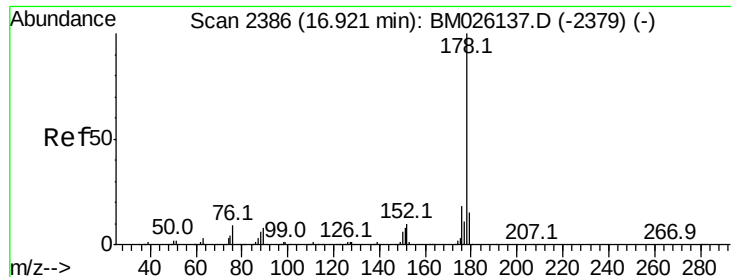
Ion Ratio Lower Upper

166 100

165 96.1 77.3 115.9

167 14.2 10.6 16.0





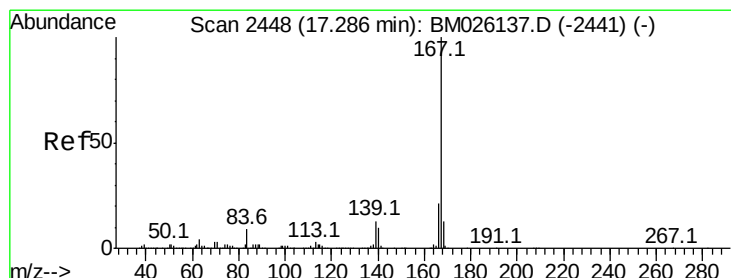
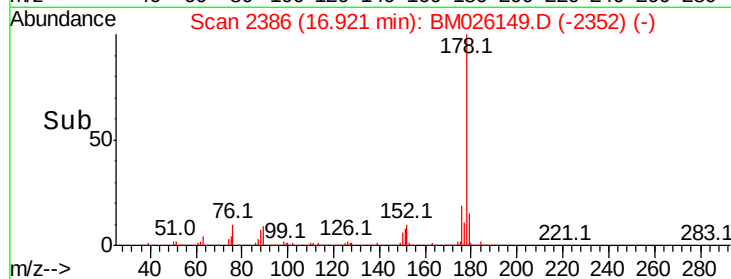
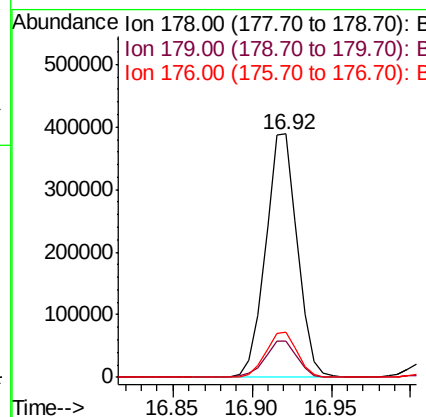
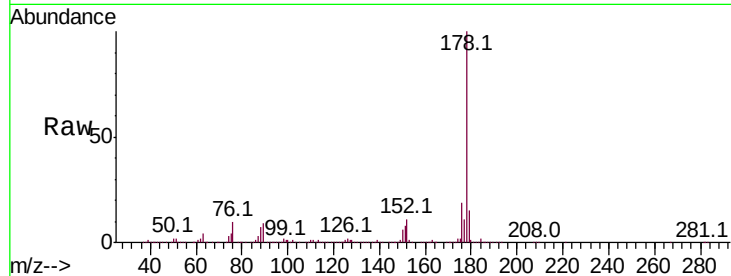
#70
 Phenanthrene
 Concen: 11.104 ng/ul
 RT: 16.92 min Scan# 2386
 Delta R.T. 0.00 min
 Lab File: BM026149.D
 Acq: 27 May 2020 17:23

Instrument :
 BNA_M
 ClientSampleID :
 F9B21DL

Tot Ion:178	Resp:	542499
Ion Ratio	Lower	Upper
178	100	
179	14.9	11.9 17.9
176	18.5	14.9 22.3

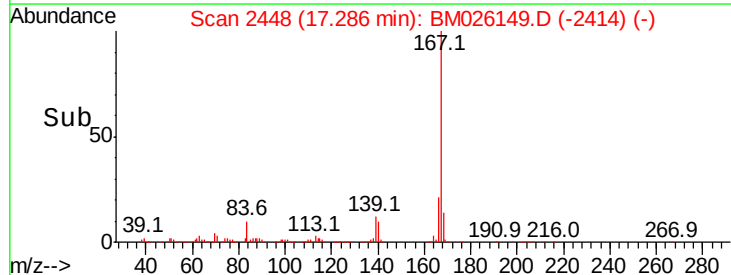
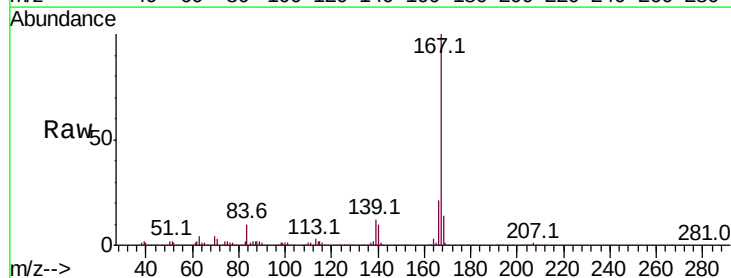
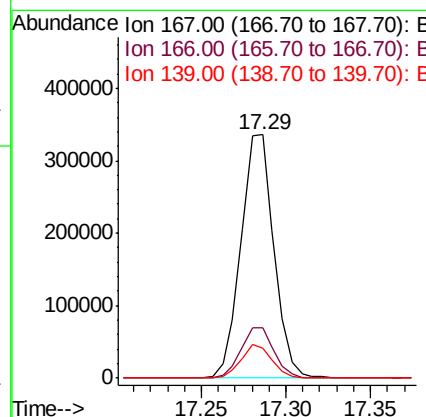
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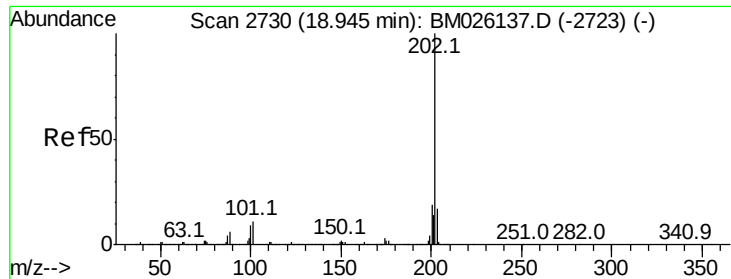
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#75
 Carbazole
 Concen: 11.325 ng/ul
 RT: 17.29 min Scan# 2448
 Delta R.T. 0.00 min
 Lab File: BM026149.D
 Acq: 27 May 2020 17:23

Tgt Ion:167	Resp:	459249
Ion Ratio	Lower	Upper
167	100	
166	20.7	16.6 25.0
139	12.3	10.8 16.2





#77
 Fluoranthene
 Concen: 1.553 ng/ul
 RT: 18.94 min Scan# 2729
 Delta R.T. -0.01 min
 Lab File: BM026149.D
 Acq: 27 May 2020 17:23

Instrument :
 BNA_M
 ClientSampleId :
 F9B21DL

Tot Ion:	202	Resp:	79582
Ion Ratio		Lower	Upper
202	100		
101	11.7	9.5	14.3
100	9.6	7.6	11.4

Manual Integrations
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