

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052720\
 Data File : BM026146.D
 Acq On : 27 May 2020 15:31
 Operator : MA/SJ
 Sample : L2737-12DL2 300X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F9B27DL2

Quant Time: May 27 16:07:32 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	118402	20.00	ng/ul	0.00
18) Naphthalene-d8	10.25	136	475997	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.13	164	272513	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.87	188	579397	20.00	ng/ul	0.00
78) Chrysene-d12	21.07	240	614120	20.00	ng/ul	0.00
86) Perylene-d12	23.19	264	639376	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	0.00	99	0d	0.00	ng/ul	
7) Bis-(2-Chloroethyl)ether-d	0.00	67	0d	0.00	ng/ul	
9) 2-Chlorophenol-d4	0.00	132	0d	0.00	ng/ul	
13) 4-Methylphenol-d8	0.00	113	0d	0.00	ng/ul	
19) Nitrobenzene-d5	0.00	128	0d	0.00	ng/ul	
22) 2-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
26) 2,4-Dichlorophenol-d3	9.90	165	558	0.07	ng/ul	0.03
29) 4-Chloroaniline-d4	0.00	131	0d	0.00	ng/ul	
44) Dimethylphthalate-d6	13.56	166	2352	0.11	ng/ul	0.01
47) Acenaphthylene-d8	13.82	160	2830	0.11	ng/ul	0.00
52) 4-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
58) Fluorene-d10	15.13	176	2418	0.13	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	0.00	200	0	0.00	ng/ul	
71) Anthracene-d10	0.00	188	0d	0.00	ng/ul	
79) Pyrene-d10	0.00	212	0d	0.00	ng/ul	
90) Benzo(a)pyrene-d12	0.00	264	0d	0.00	ng/ul	

Target Compounds

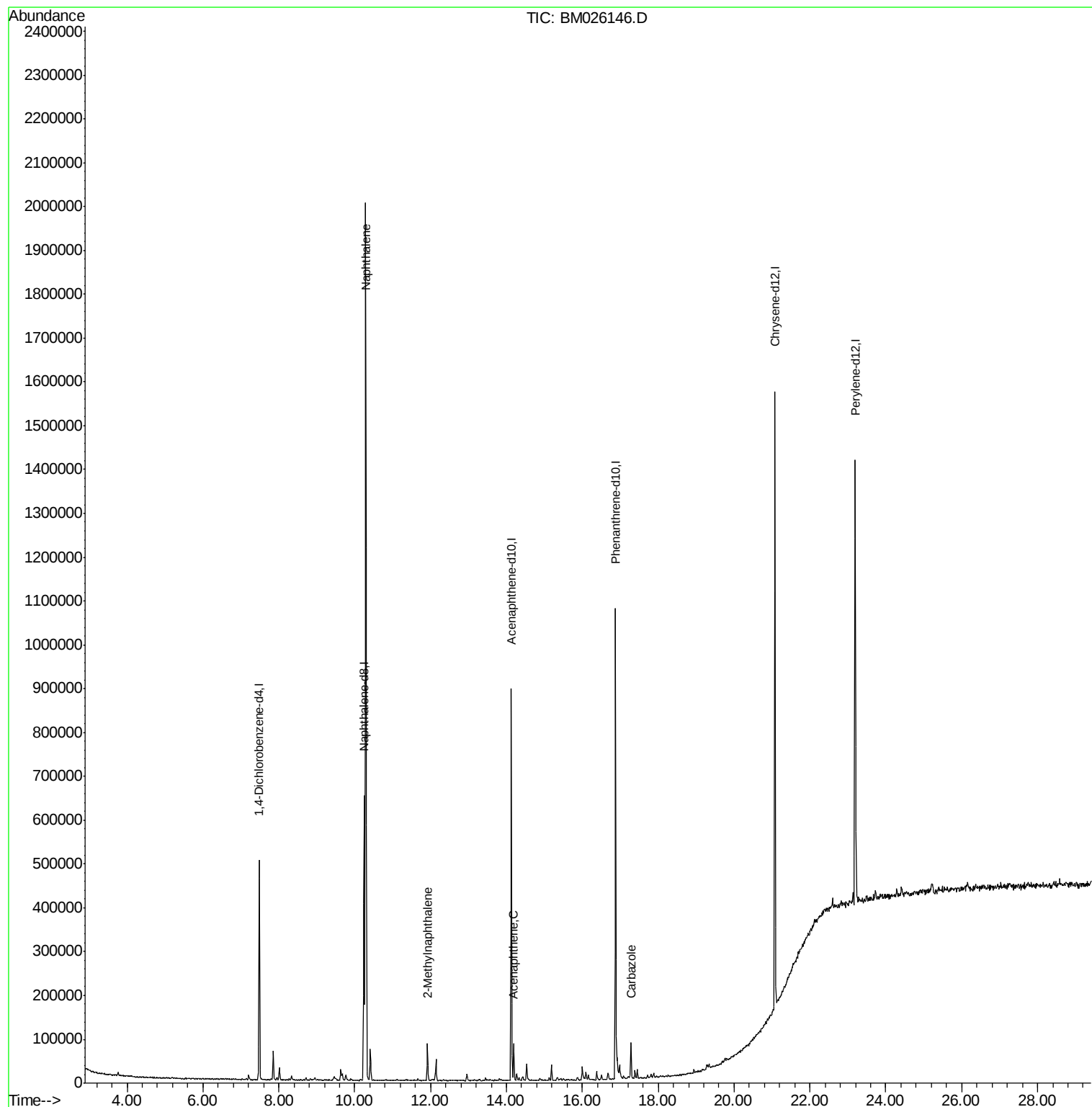
					Ovalue	
28) Naphthalene	10.29	128	1429636	49.123	ng/ul	100
34) 2-Methylnaphthalene	11.92	142	40576	2.073	ng/ul	95
50) Acenaphthene	14.19	153	29750	1.484	ng/ul	96
75) Carbazole	17.29	167	46376	1.531	ng/ul	98

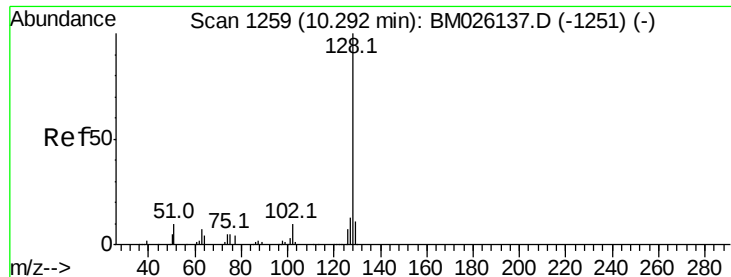
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#28

Naphthalene

Concen: 49.123 ng/ul

RT: 10.29 min Scan# 1259

Delta R.T. 0.00 min

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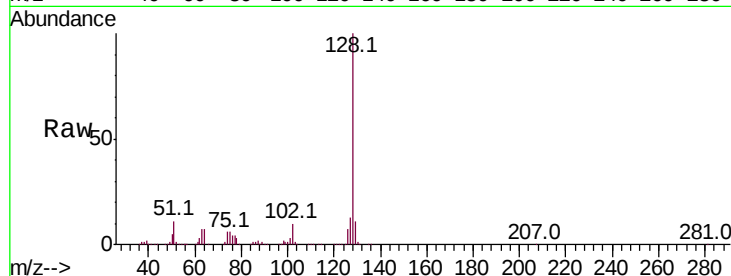
Tot Ion:128 Resp: 1429636

Ion Ratio Lower Upper

128 100

129 11.1 9.0 13.4

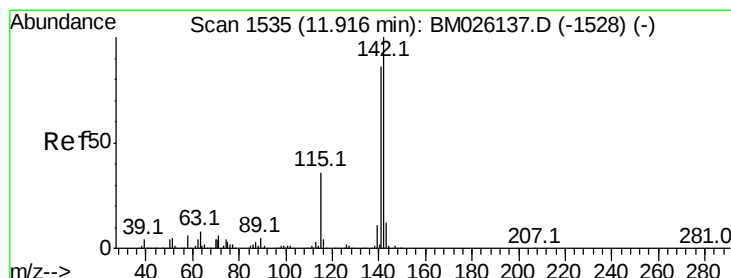
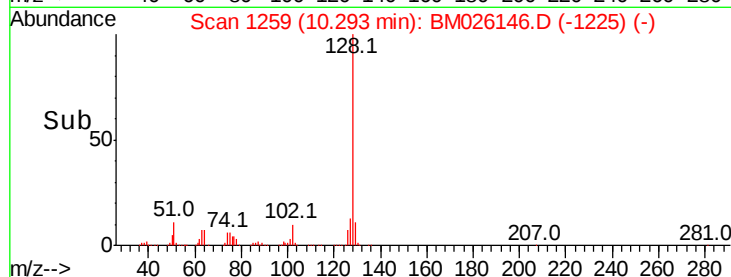
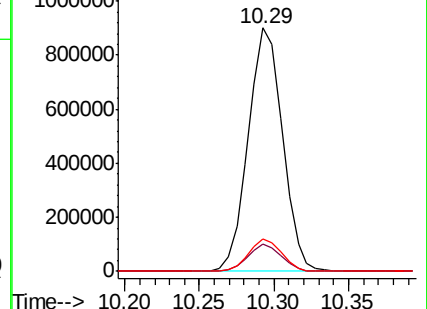
127 13.3 10.6 15.8



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



#34

2-Methylnaphthalene

Concen: 2.073 ng/ul

RT: 11.92 min Scan# 1535

Delta R.T. 0.00 min

Lab File: BM026146.D

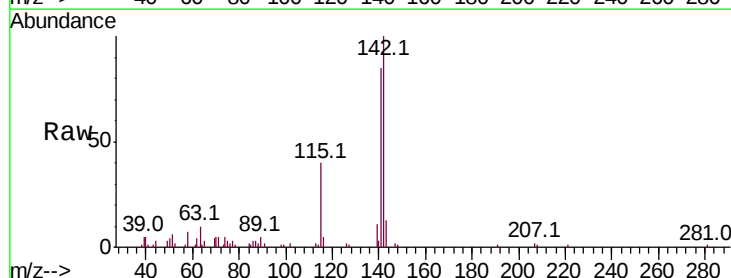
Acq: 27 May 2020 15:31

Tgt Ion:142 Resp: 40576

Ion Ratio Lower Upper

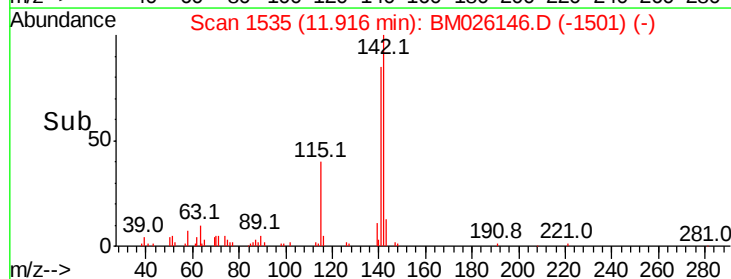
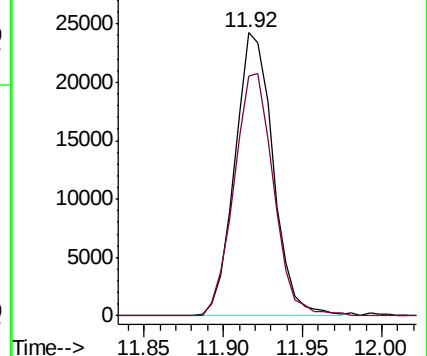
142 100

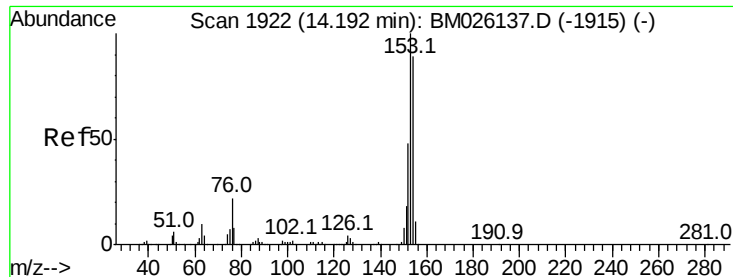
141 84.7 71.8 107.6



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#50

Acenaphthene

Concen: 1.484 ng/ul

RT: 14.19 min Scan# 1922

Delta R.T. 0.00 min

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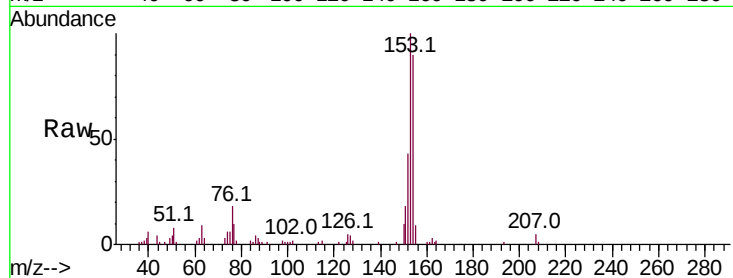
Tot Ion:153 Resp: 29750

Ion Ratio Lower Upper

153 100

152 43.3 37.2 55.8

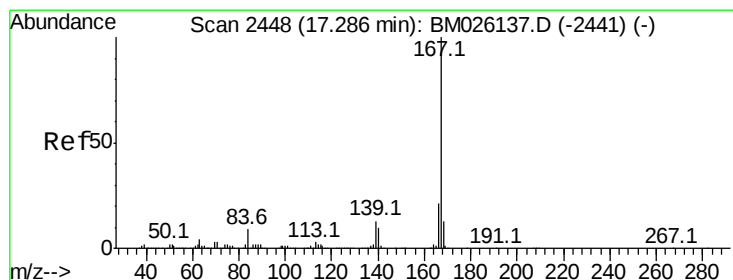
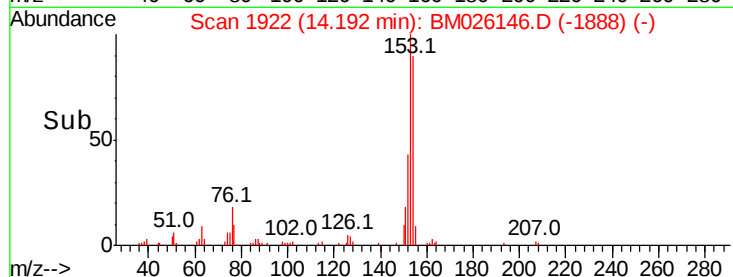
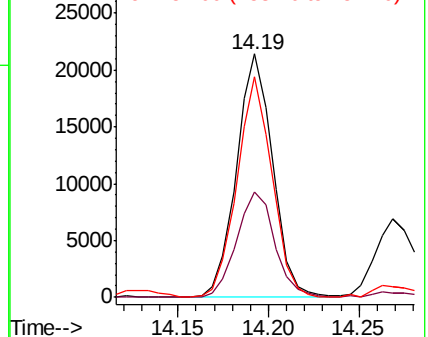
154 90.5 69.8 104.8



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



#75

Carbazole

Concen: 1.531 ng/ul

RT: 17.29 min Scan# 2448

Delta R.T. 0.00 min

Lab File: BM026146.D

Acq: 27 May 2020 15:31

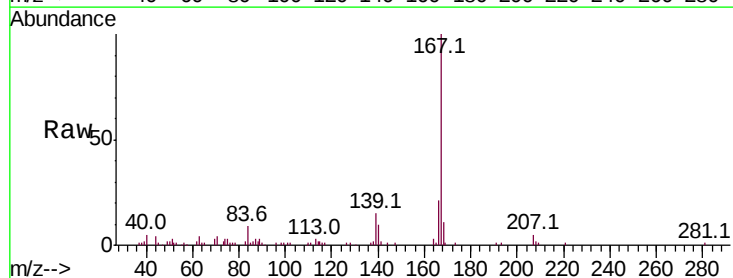
Tgt Ion:167 Resp: 46376

Ion Ratio Lower Upper

167 100

166 20.6 16.6 25.0

139 14.8 10.8 16.2



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

