

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052020\
 Data File : BM026040.D
 Acq On : 20 May 2020 15:47
 Operator : MA/SJ
 Sample : L2681-02DL 10X
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C5CA4DL

Quant Time: May 20 16:20:08 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051320MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed May 20 11:35:33 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.50	152	191045	20.00	ng/ul	0.00
18) Naphthalene-d8	10.26	136	812054	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.14	164	490818	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.89	188	1008059	20.00	ng/ul	0.00
78) Chrysene-d12	21.09	240	1040683	20.00	ng/ul	0.00
86) Perylene-d12	23.21	264	1075123	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.09	96	2457	0.39	ng/uL	0.02
5) Phenol-d5	6.69	99	8752	0.50	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.85	67	28863	2.41	ng/ul	0.00
9) 2-Chlorophenol-d4	7.04	132	26022	1.92	ng/ul	0.00
13) 4-Methylphenol-d8	8.22	113	16399	1.26	ng/ul	0.00
19) Nitrobenzene-d5	8.65	128	17278	2.61	ng/ul	0.00
22) 2-Nitrophenol-d4	9.36	143	14880	2.27	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.90	165	27708	2.11	ng/ul	0.00
29) 4-Chloroaniline-d4	10.39	131	11695	0.88	ng/ul	-0.02
44) Dimethylphthalate-d6	13.56	166	111229	2.83	ng/ul	0.00
47) Acenaphthylene-d8	13.83	160	121489	2.61	ng/ul	0.00
52) 4-Nitrophenol-d4	14.37	143	3525	0.51	ng/ul	0.01
58) Fluorene-d10	15.14	176	97478	2.85	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.27	200	9768	1.66	ng/ul	0.00
71) Anthracene-d10	16.99	188	145651	2.93	ng/ul	0.00
79) Pyrene-d10	19.29	212	163431	3.06	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.08	264	160651	2.81	ng/ul	0.00

Target Compounds

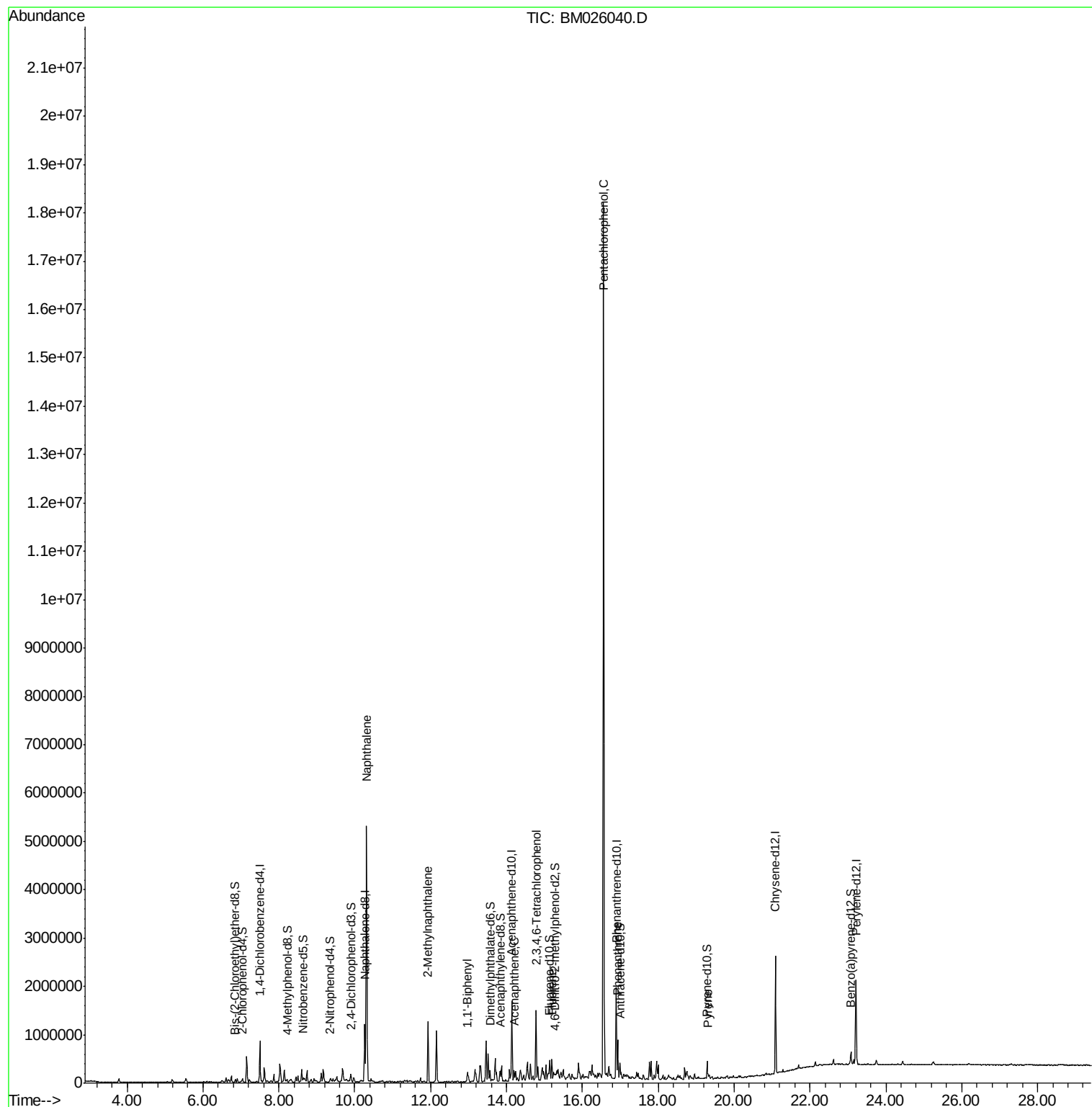
					Ovalue	
28) Naphthalene	10.32	128	3842566	77.392	ng/ul	100
34) 2-Methylnaphthalene	11.93	142	546985	16.379	ng/ul	98
41) 1,1'-Biphenyl	12.97	154	82511	1.895	ng/ul	97
50) Acenaphthene	14.20	153	61111	1.693	ng/ul	99
56) 2,3,4,6-Tetrachlorophenol	14.78	232	202495	21.320	ng/ul	99
59) Fluorene	15.20	166	98312	2.395	ng/ul#	92
69) Pentachlorophenol	16.56	266	3068360	422.097	ng/ul	97
70) Phenanthrene	16.93	178	432167	6.806	ng/ul	98
80) Pvrene	19.32	202	74510	1.020	ng/ul	99

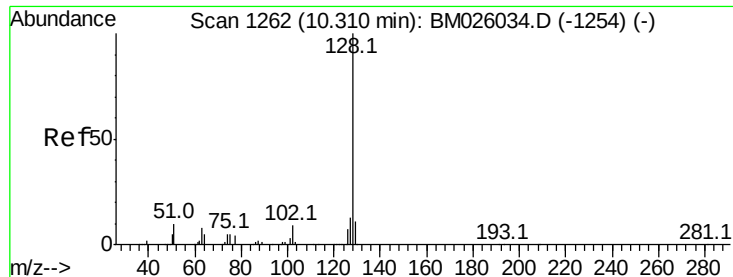
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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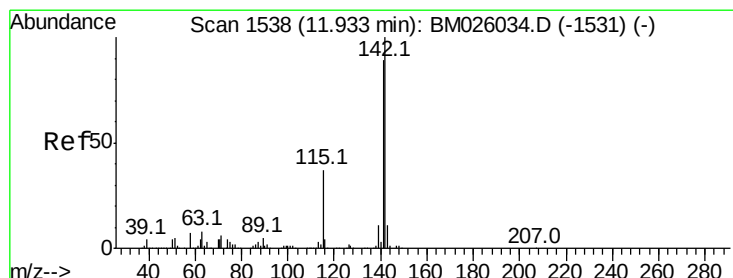
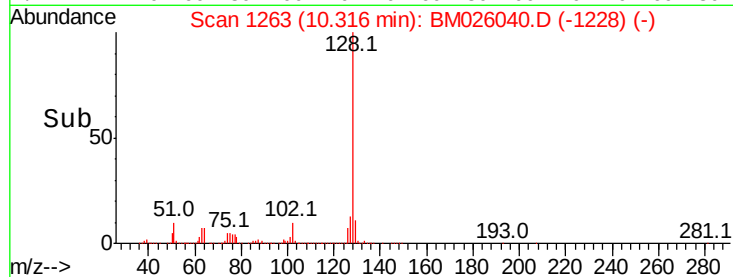
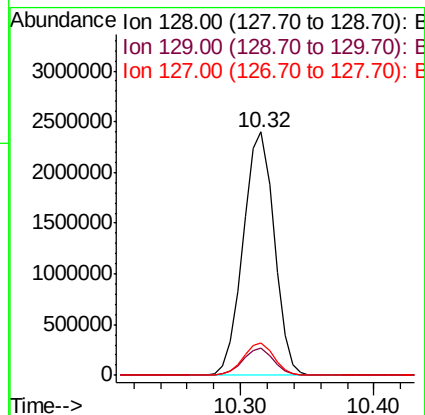
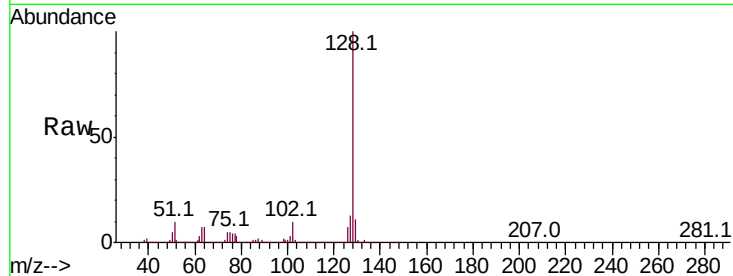




#28
Naphthalene
Concen: 77.392 ng/ul
RT: 10.32 min Scan# 1263
Delta R.T. 0.01 min
Lab File: BM026040.D
Acq: 20 May 2020 15:47

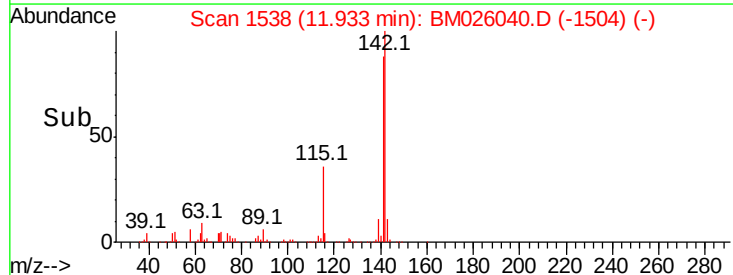
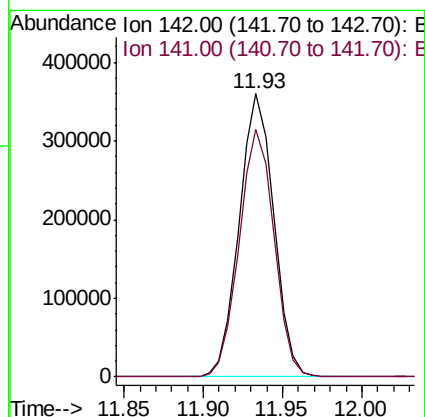
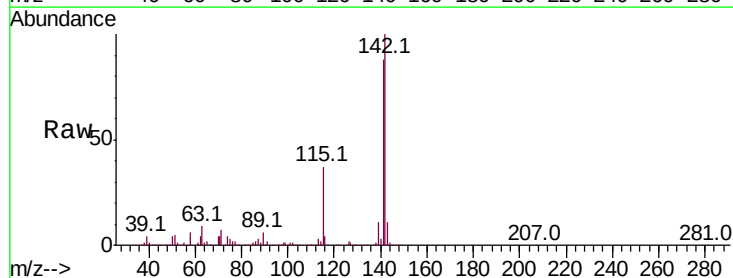
Instrument :
BNA_M
ClientSampleId :
C5CA4DL

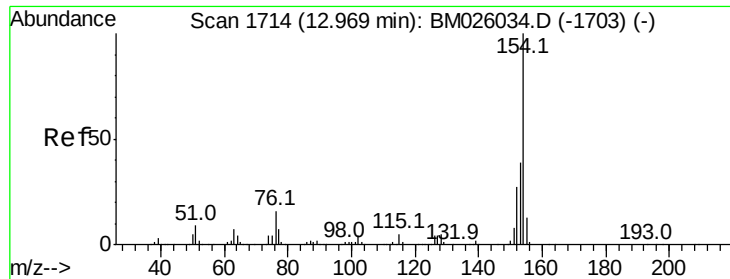
Tot Ion:128 Resp: 3842566
Ion Ratio Lower Upper
128 100
129 11.0 9.0 13.4
127 13.2 10.6 15.8



#34
2-Methylnaphthalene
Concen: 16.379 ng/ul
RT: 11.93 min Scan# 1538
Delta R.T. -0.00 min
Lab File: BM026040.D
Acq: 20 May 2020 15:47

Tgt Ion:142 Resp: 546985
Ion Ratio Lower Upper
142 100
141 87.7 71.8 107.6

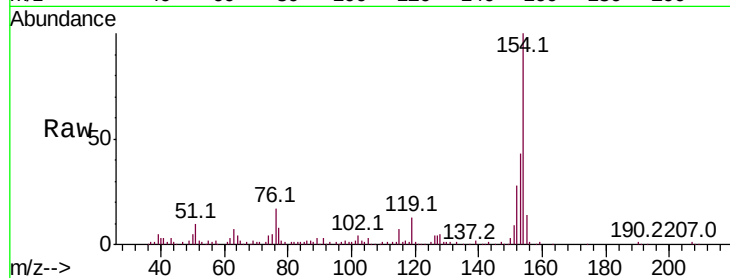




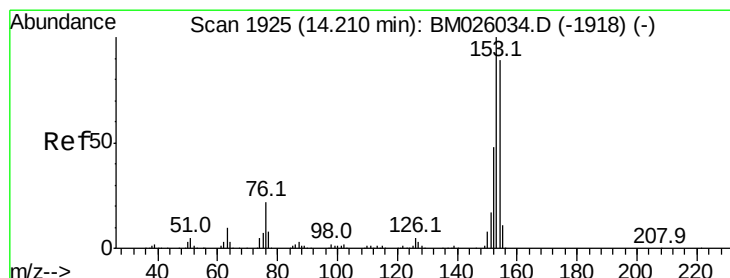
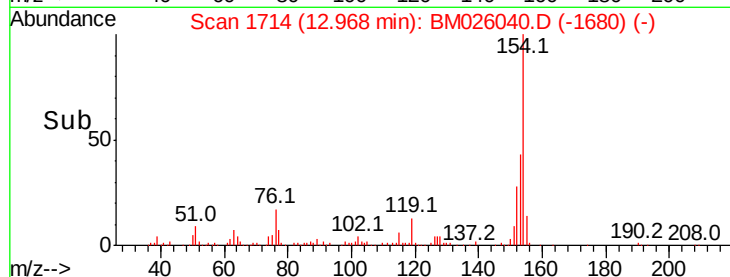
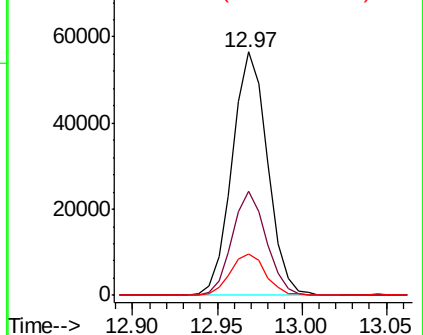
#41
 1,1'-Biphenyl
 Concen: 1.895 ng/ul
 RT: 12.97 min Scan# 1714
 Delta R.T. -0.00 min
 Lab File: BM026040.D
 Acq: 20 May 2020 15:47

Instrument :
 BNA_M
 ClientSampleId :
 C5CA4DL

Tot Ion	Ratio	Lower	Upper
154	100		
153	42.6	32.3	48.5
76	16.8	13.0	19.6

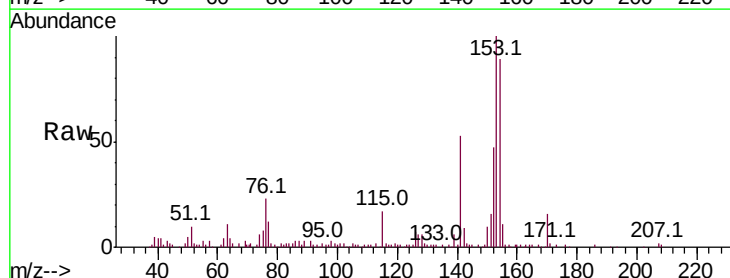


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BM

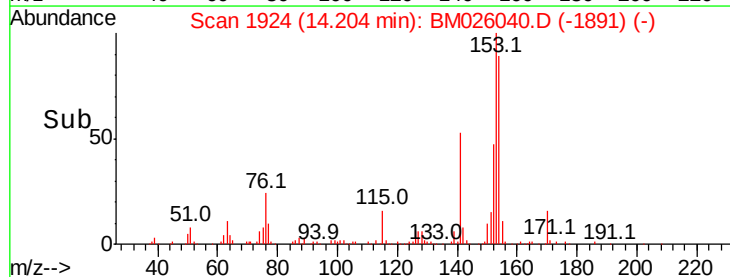
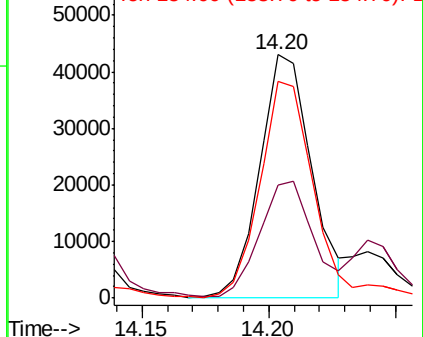


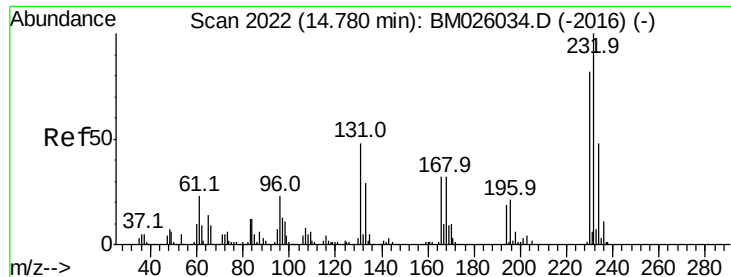
#50
 Acenaphthene
 Concen: 1.693 ng/ul
 RT: 14.20 min Scan# 1924
 Delta R.T. -0.01 min
 Lab File: BM026040.D
 Acq: 20 May 2020 15:47

Tgt Ion	Ratio	Lower	Upper
153	100		
152	46.7	37.2	55.8
154	89.0	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





#56

2,3,4,6-Tetrachlorophenol

Concen: 21.320 ng/ul

RT: 14.78 min Scan# 2022

Delta R.T. -0.00 min

Lab File: BM026040.D

Acq: 20 May 2020 15:47

Instrument :

BNA_M

ClientSampleId :

C5CA4DL

Tot Ion:232 Resp: 202495

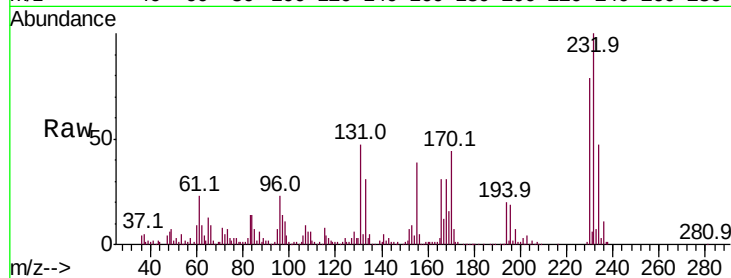
Ion Ratio Lower Upper

232 100

131 47.4 37.0 55.4

130 2.6 1.8 2.8

166 31.5 25.4 38.0

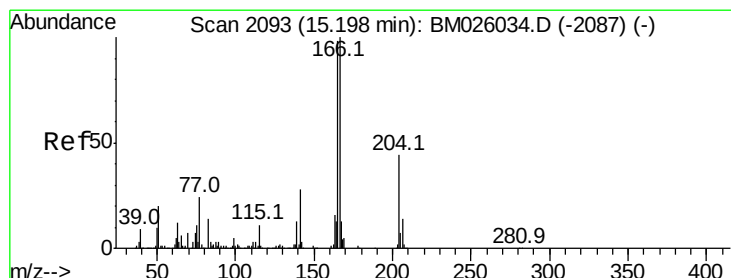
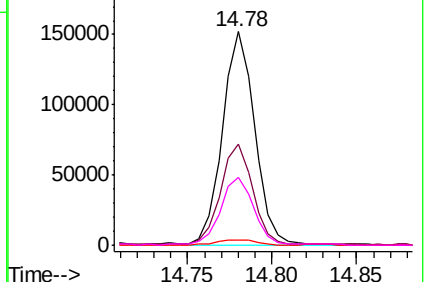
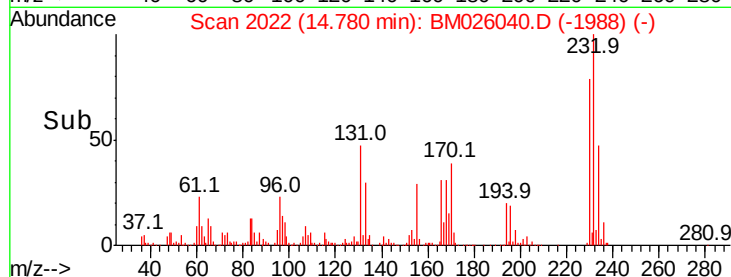


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#59

Fluorene

Concen: 2.395 ng/ul

RT: 15.20 min Scan# 2093

Delta R.T. -0.00 min

Lab File: BM026040.D

Acq: 20 May 2020 15:47

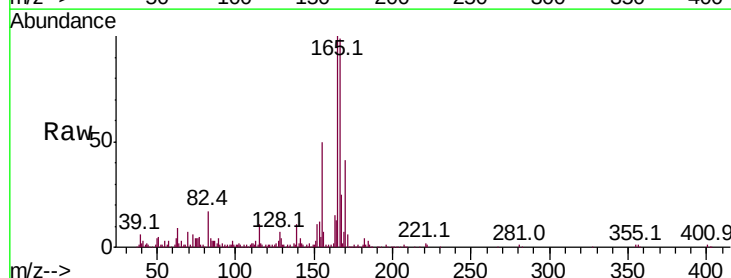
Tgt Ion:166 Resp: 98312

Ion Ratio Lower Upper

166 100

165 101.4 77.3 115.9

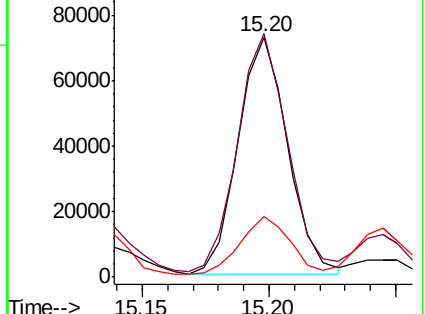
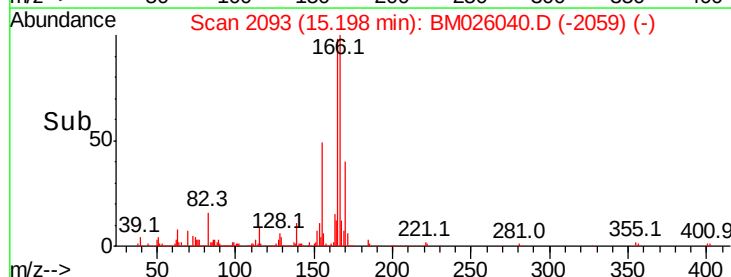
167 25.3 10.6 16.0#

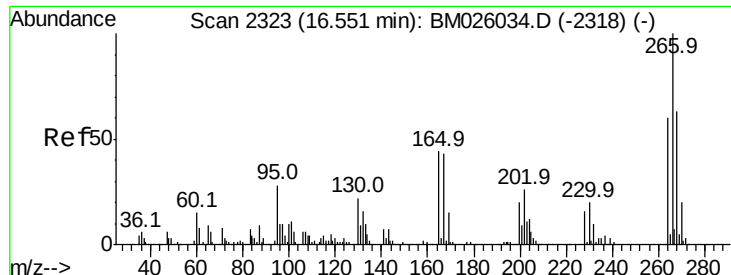


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

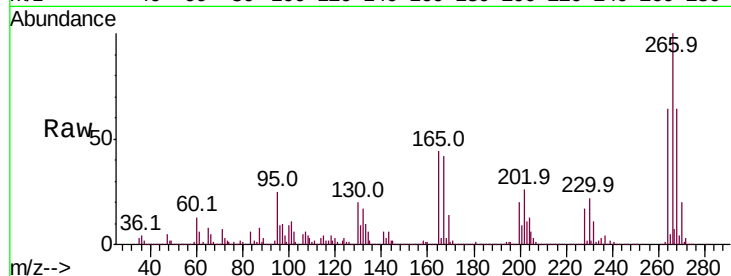




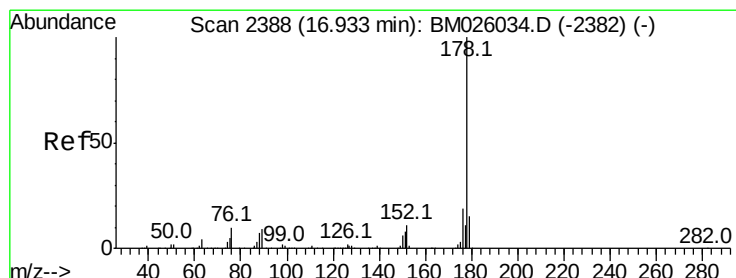
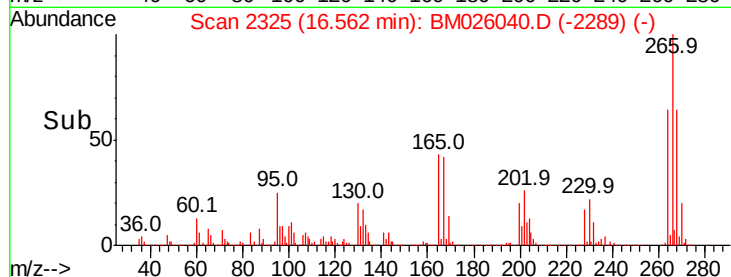
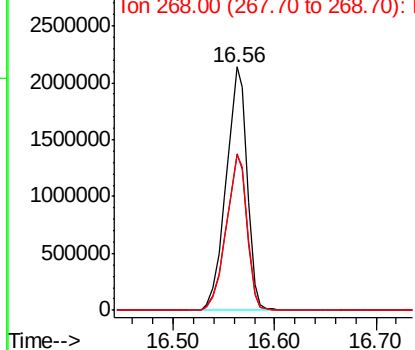
#69
 Pentachlorophenol
 Concen: 422.097 ng/ul
 RT: 16.56 min Scan# 2325
 Delta R.T. 0.01 min
 Lab File: BM026040.D
 Acq: 20 May 2020 15:47

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Tot Ion:266 Resp: 3068360
 Ion Ratio Lower Upper
 266 100
 264 64.3 49.3 73.9
 268 63.9 52.4 78.6

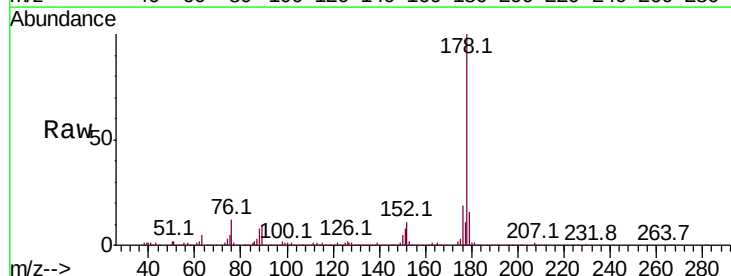


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 264.00 (263.70 to 264.70): E
 Ion 268.00 (267.70 to 268.70): E

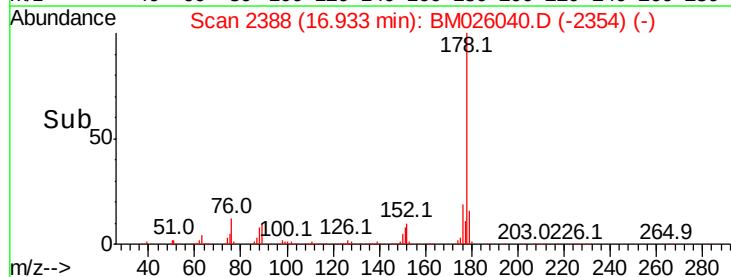
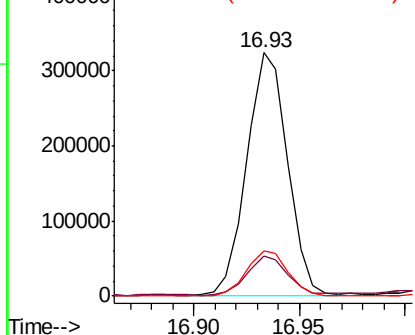


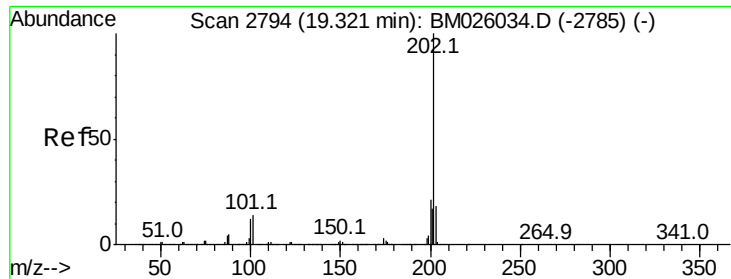
#70
 Phenanthrene
 Concen: 6.806 ng/ul
 RT: 16.93 min Scan# 2388
 Delta R.T. -0.00 min
 Lab File: BM026040.D
 Acq: 20 May 2020 15:47

Tgt Ion:178 Resp: 432167
 Ion Ratio Lower Upper
 178 100
 179 16.3 11.9 17.9
 176 18.8 14.9 22.3



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 176.00 (175.70 to 176.70): E





#80
 Pvrene
 Concen: 1.020 ng/ul
 RT: 19.32 min Scan# 2793
 Delta R.T. -0.01 min
 Lab File: BM026040.D
 Acq: 20 May 2020 15:47

Instrument :
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Tot Ion	Ratio	Lower	Upper
202	100		
101	16.0	12.2	18.4
100	13.0	10.2	15.4

