

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM091319\
 Data File : BM022681.D
 Acq On : 13 Sep 2019 17:47
 Operator : HP/JU
 Sample : K4706-09DL2 20X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BF575DL2

Manual Integrations
 APPROVED

mohammad
 9/17/2019 9:21:13 AM

Quant Time: Sep 14 02:10:18 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM090519MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Sep 09 07:45:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	256570	20.00	ng/ul	-0.02
18) Naphthalene-d8	10.63	136	1120218	20.00	ng/ul	-0.02
36) Acenaphthene-d10	14.47	164	697421	20.00	ng/ul	-0.02
62) Phenanthrene-d10	17.21	188	1411975	20.00	ng/ul	-0.01
78) Chrysene-d12	21.39	240	1136458	20.00	ng/ul	-0.01
86) Perylene-d12	23.67	264	1101181	20.00	ng/ul	-0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	0.00	96	0	0.00	ng/uL	
5) Phenol-d5	7.00	99	6832	0.29	ng/ul	-0.01
7) Bis-(2-Chloroethyl)ether-d	7.17	67	19274	1.42	ng/ul	-0.01
9) 2-Chlorophenol-d4	7.37	132	18645	1.00	ng/ul	-0.02
13) 4-Methylphenol-d8	8.53	113	11703	0.61	ng/ul	-0.02
19) Nitrobenzene-d5	8.99	128	11939	1.48	ng/ul	-0.01
22) 2-Nitrophenol-d4	9.72	143	8441	1.13	ng/ul	-0.01
26) 2,4-Dichlorophenol-d3	10.25	165	19085	1.01	ng/ul	-0.02
29) 4-Chloroaniline-d4	10.79	131	14731m	0.59	ng/ul	0.01
44) Dimethylphthalate-d6	13.88	166	83316	1.47	ng/ul	-0.01
47) Acenaphthylene-d8	14.16	160	81229	1.20	ng/ul	-0.02
52) 4-Nitrophenol-d4	14.65	143	1741	0.18	ng/ul	-0.01
58) Fluorene-d10	15.46	176	72142	1.52	ng/ul	-0.01
63) 4,6-Dinitro-2-methylphenol	15.57	200	5063	0.79	ng/ul	-0.02
71) Anthracene-d10	17.30	188	109397	1.51	ng/ul	-0.02
79) Pyrene-d10	19.60	212	107753	1.71	ng/ul	-0.01
90) Benzo(a)pyrene-d12	23.52	264	77246	1.31	ng/ul	-0.02

Target Compounds

					Ovalue
28) Naphthalene	10.69	128	7487718	120.560	ng/ul 100
34) 2-Methylnaphthalene	12.29	142	1272944	27.204	ng/ul 99
41) 1,1'-Biphenyl	13.30	154	167606	2.886	ng/ul 99
50) Acenaphthene	14.53	153	289240	5.947	ng/ul 98
54) Dibenzofuran	14.87	168	320734	4.752	ng/ul 99
59) Fluorene	15.52	166	178708	3.218	ng/ul 99
70) Phenanthrene	17.25	178	269816	3.121	ng/ul 99

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

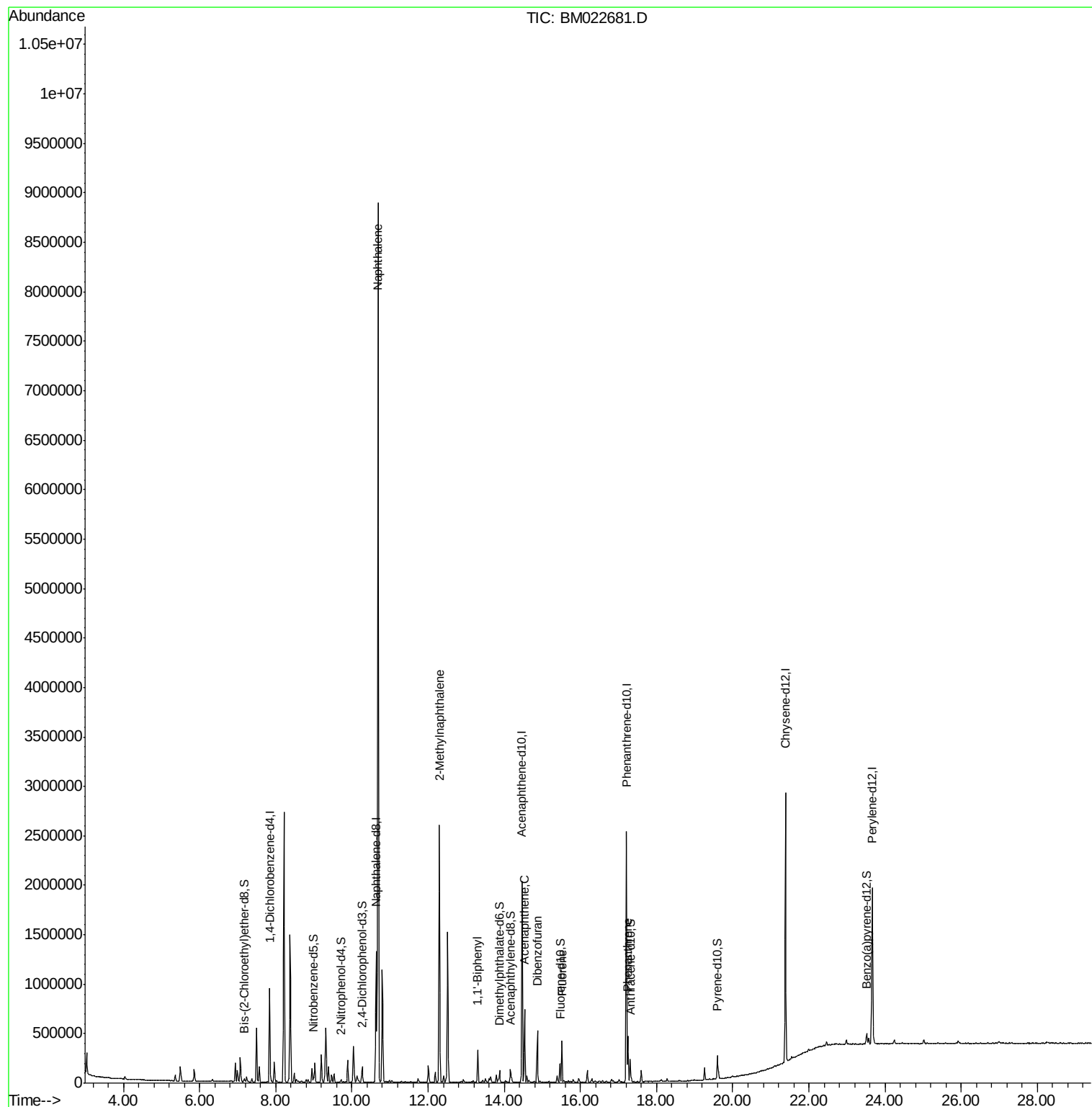
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM091319\
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Operator : HP/JU
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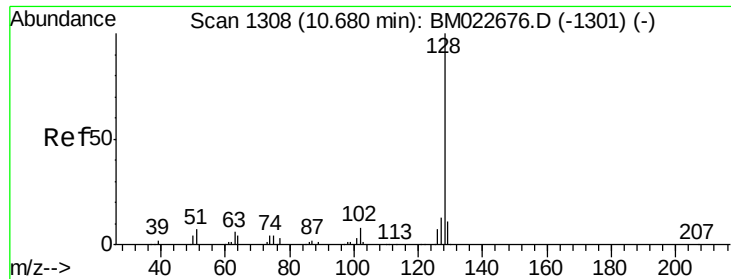
Instrument :
BNA_M
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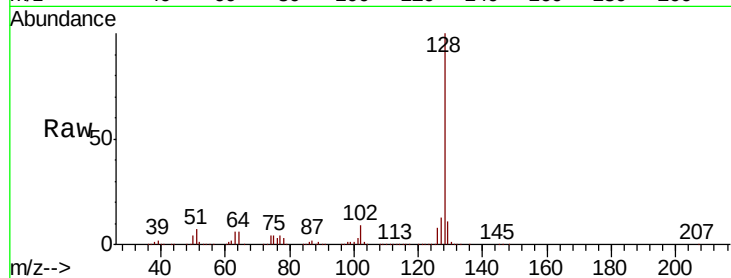
#28
Naphthalene
Concen: 120.560 ng/ul
RT: 10.69 min Scan# 1309
Delta R.T. -0.01 min
Lab File: BM022681.D
Acq: 13 Sep 2019 17:47

Instrument :
BNA_M
ClientSampleId :
BF575DL2

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.4	8.9	13.3
127	13.4	10.6	16.0

Manual Integrations
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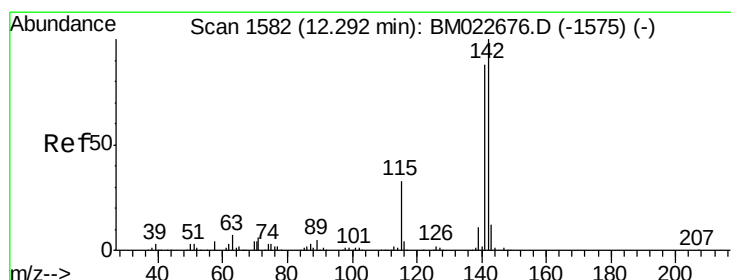
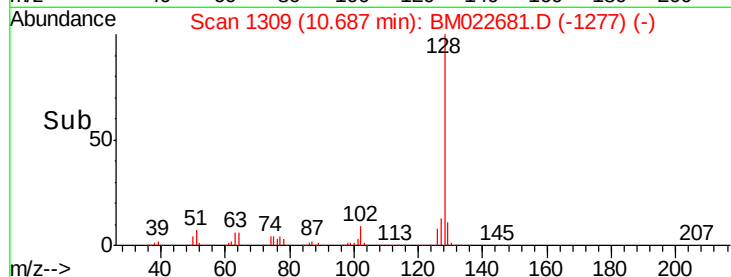
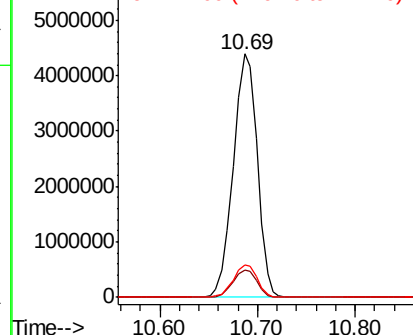


Abundance

Ion 128.00 (127.70 to 128.70): E

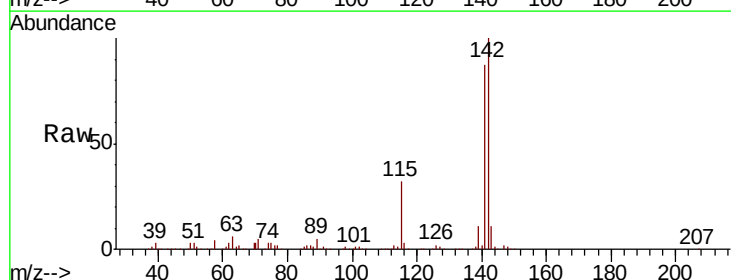
Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#34
2-Methylnaphthalene
Concen: 27.204 ng/ul
RT: 12.29 min Scan# 1582
Delta R.T. -0.02 min
Lab File: BM022681.D
Acq: 13 Sep 2019 17:47

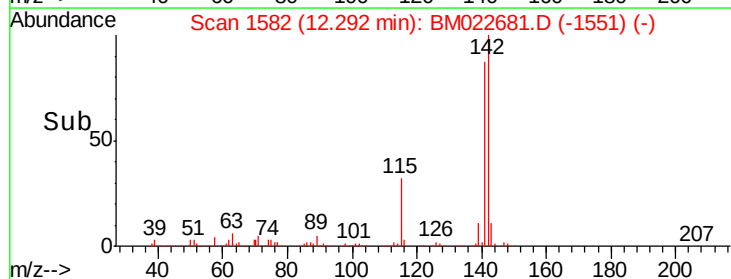
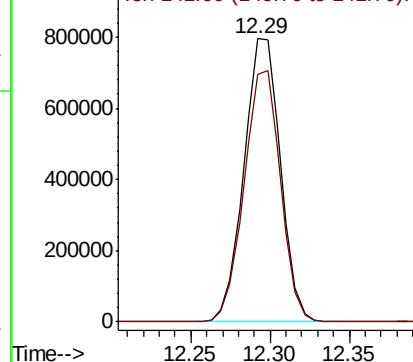
Tgt Ion	Ratio	Lower	Upper
142	100		
141	87.4	71.0	106.4

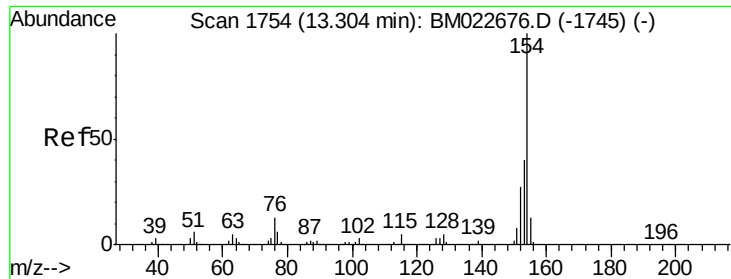


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





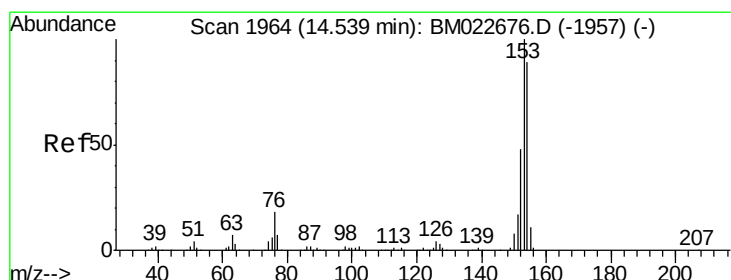
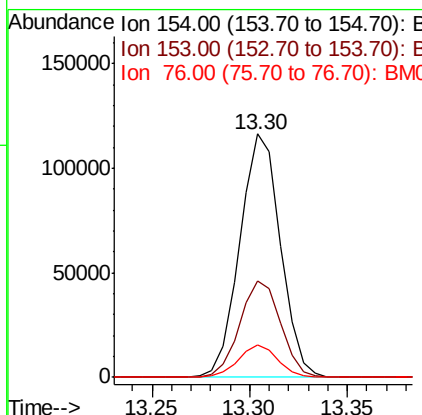
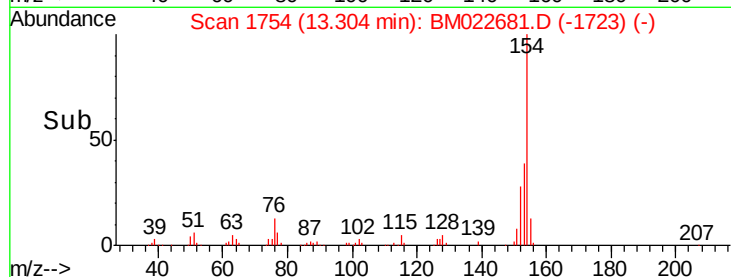
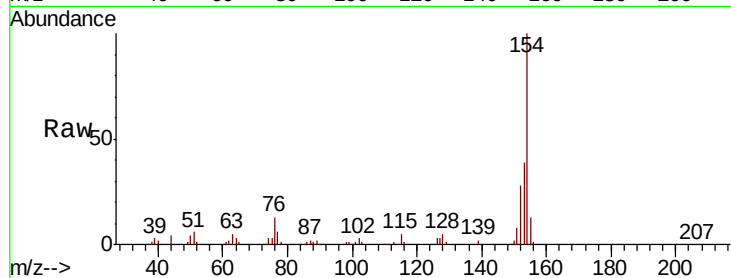
#41
 1,1'-Biphenyl
 Concen: 2.886 ng/ul
 RT: 13.30 min Scan# 1754
 Delta R.T. -0.02 min
 Lab File: BM022681.D
 Acq: 13 Sep 2019 17:47

Instrument :
 BNA_M
 ClientSampleId :
 BF575DL2

Tot Ion:	154	Resp:	167606
Ion Ratio	Lower	Upper	
154	100		
153	39.4	32.1	48.1
76	13.1	10.2	15.2

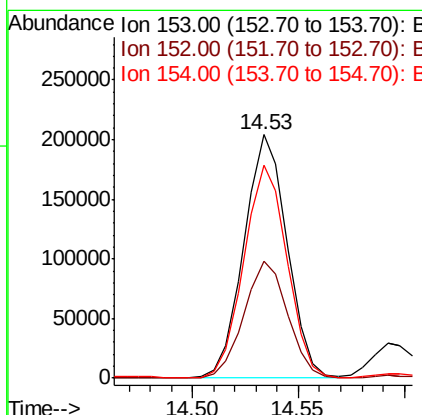
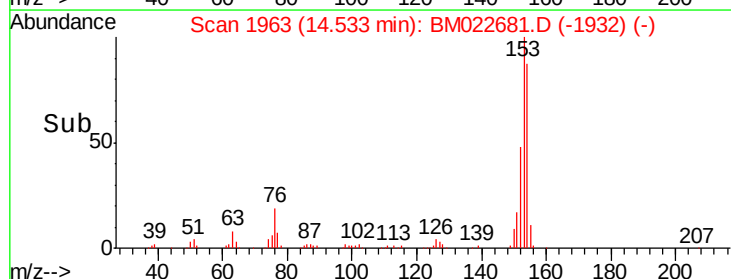
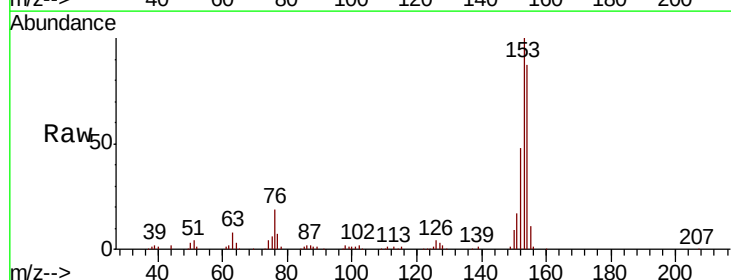
Manual Integrations
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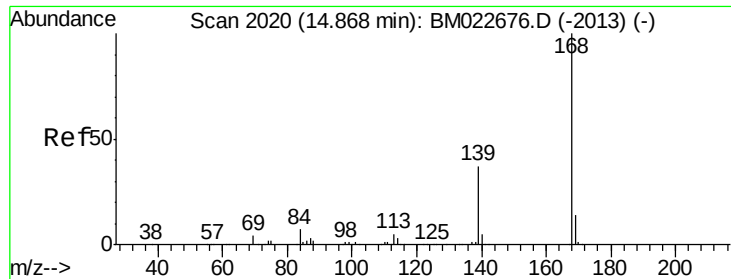
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#50
 Acenaphthene
 Concen: 5.947 ng/ul
 RT: 14.53 min Scan# 1963
 Delta R.T. -0.02 min
 Lab File: BM022681.D
 Acq: 13 Sep 2019 17:47

Tgt Ion:	153	Resp:	289240
Ion Ratio	Lower	Upper	
153	100		
152	48.2	37.5	56.3
154	87.4	71.4	107.0





#54

Dibenzenofuran

Concen: 4.752 ng/ul

RT: 14.87 min Scan# 2020

Delta R.T. -0.02 min

Lab File: BM022681.D

Acq: 13 Sep 2019 17:47

Instrument :

BNA_M

ClientSampled :

BF575DL2

Tot Ion:168 Resp: 320734

Ion Ratio Lower Upper

168 100

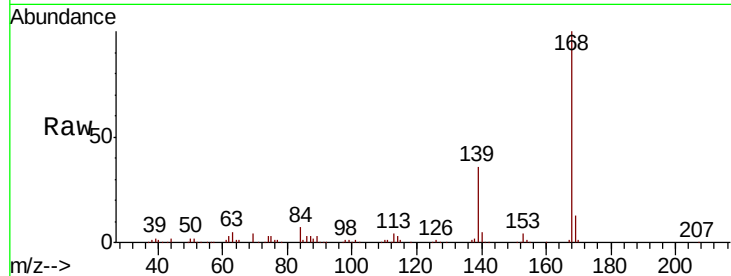
139 36.5 29.5 44.3

Manual Integrations

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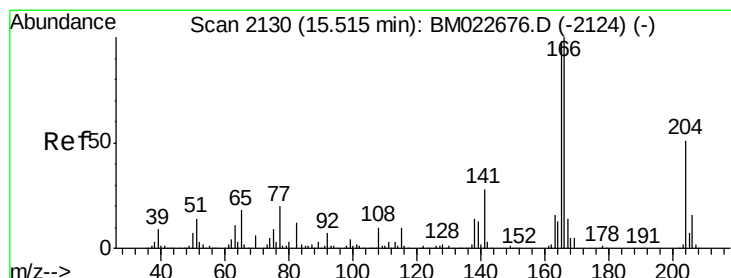
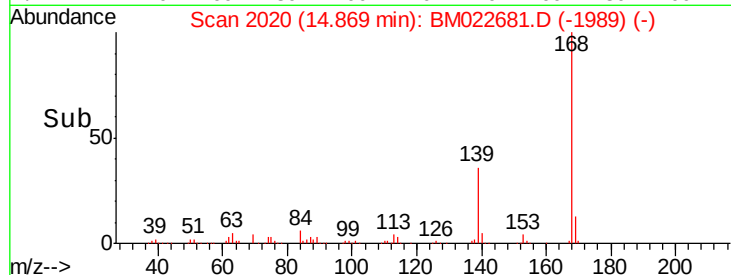
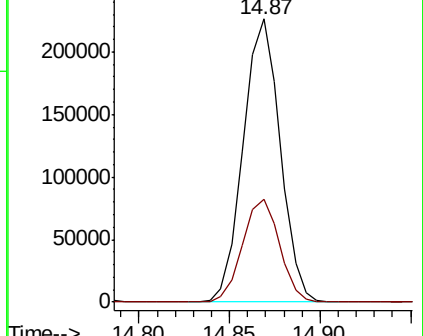
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Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E



#59

Fluorene

Concen: 3.218 ng/ul

RT: 15.52 min Scan# 2130

Delta R.T. -0.02 min

Lab File: BM022681.D

Acq: 13 Sep 2019 17:47

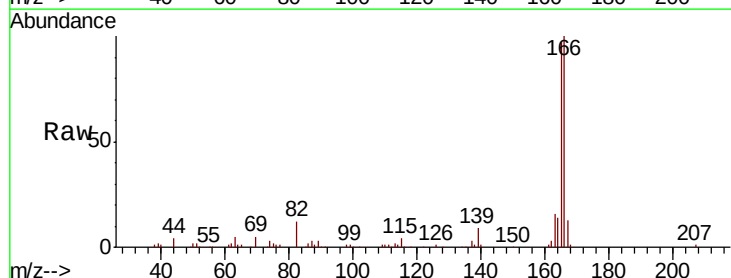
Tgt Ion:166 Resp: 178708

Ion Ratio Lower Upper

166 100

165 96.6 77.8 116.8

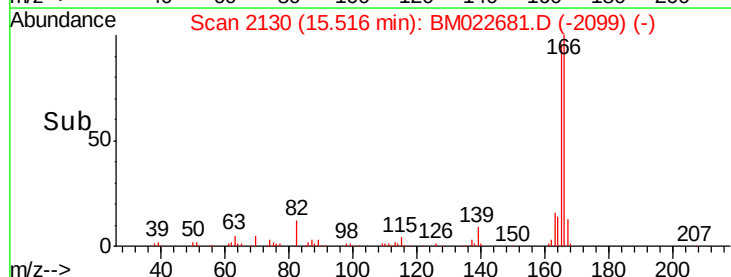
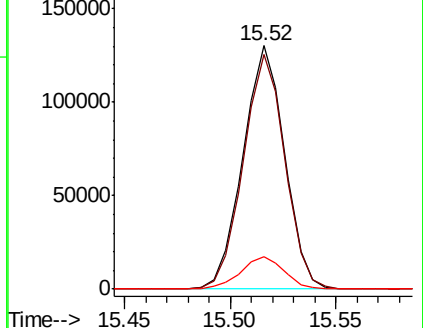
167 13.4 10.9 16.3

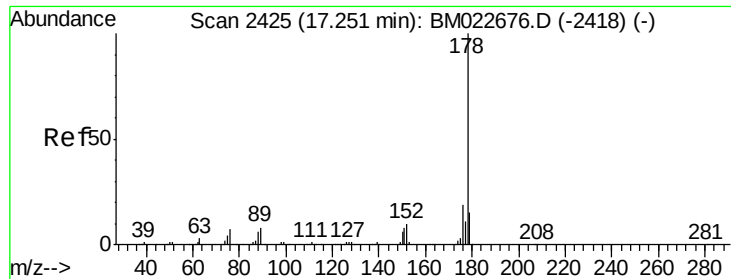


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#70
 Phenanthrene
 Concen: 3.121 ng/ul
 RT: 17.25 min Scan# 2425
 Delta R.T. -0.02 min
 Lab File: BM022681.D
 Acq: 13 Sep 2019 17:47

Instrument :
 BNA_M
 ClientSampleId :
 BF575DL2

Tot Ion	Ratio	Resp	Lower	Upper
178	100	269816		
179	14.7		12.0	18.0
176	18.4		15.4	23.0

Manual Integrations
 APPROVED

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