

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082319\
 Data File : BM022301.D
 Acq On : 24 Aug 2019 19:29
 Operator : HP/JU
 Sample : K4373-12
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AB4

Manual Integrations
 APPROVED

mohammad
 8/26/2019 8:30:38 AM

Quant Time: Aug 25 03:51:52 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sun Aug 25 02:20:02 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	36881	20.00	ng/ul	0.00
18) Naphthalene-d8	10.33	136	165959	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.21	164	114642	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.97	188	274509	20.00	ng/ul	0.00
77) Chrysene-d12	21.19	240	288745	20.00	ng/ul	0.00
85) Perylene-d12	23.38	264	245717	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.13	96	4122	5.00	ng/uL	0.00
5) Phenol-d5	6.75	99	20071	6.31	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.91	67	53503	28.90	ng/ul	0.00
9) 2-Chlorophenol-d4	7.09	132	64501	25.10	ng/ul	0.00
13) 4-Methylphenol-d8	8.27	113	42849	15.53	ng/ul	0.00
19) Nitrobenzene-d5	8.72	128	38729	31.30	ng/ul	0.00
22) 2-Nitrophenol-d4	9.43	143	46584	32.34	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.97	165	86733	29.58	ng/ul	0.00
29) 4-Chloroaniline-d4	10.51	131	12062	3.38	ng/ul	0.01
43) Dimethylphthalate-d6	13.64	166	333504	33.03	ng/ul	0.00
46) Acenaphthylene-d8	13.90	160	364812	33.55	ng/ul	0.00
51) 4-Nitrophenol-d4	14.50	143	8987	6.01	ng/ul	0.04
57) Fluorene-d10	15.22	176	294122	35.13	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.38	200	44017	20.78	ng/ul	0.00
70) Anthracene-d10	17.07	188	506101	34.82	ng/ul	0.00
78) Pyrene-d10	19.38	212	649659	43.29	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.24	264	490648	36.35	ng/ul	0.00
Target Compounds						
28) Naphthalene	10.37	128	20400	2.227	ng/ul	98
44) Dimethylphthalate	13.68	163	25125	2.446	ng/ul	97
49) Acenaphthene	14.27	153	365998	45.717	ng/ul	99
58) Fluorene	15.27	166	27147	2.703	ng/ul#	96
69) Phenanthrene	17.02	178	18410m	1.121	ng/ul	
71) Anthracene	17.11	178	29352	1.718	ng/ul	98
76) Fluoranthene	19.04	202	52465	2.120	ng/ul#	92
79) Pyrene	19.41	202	37725	2.019	ng/ul	100

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

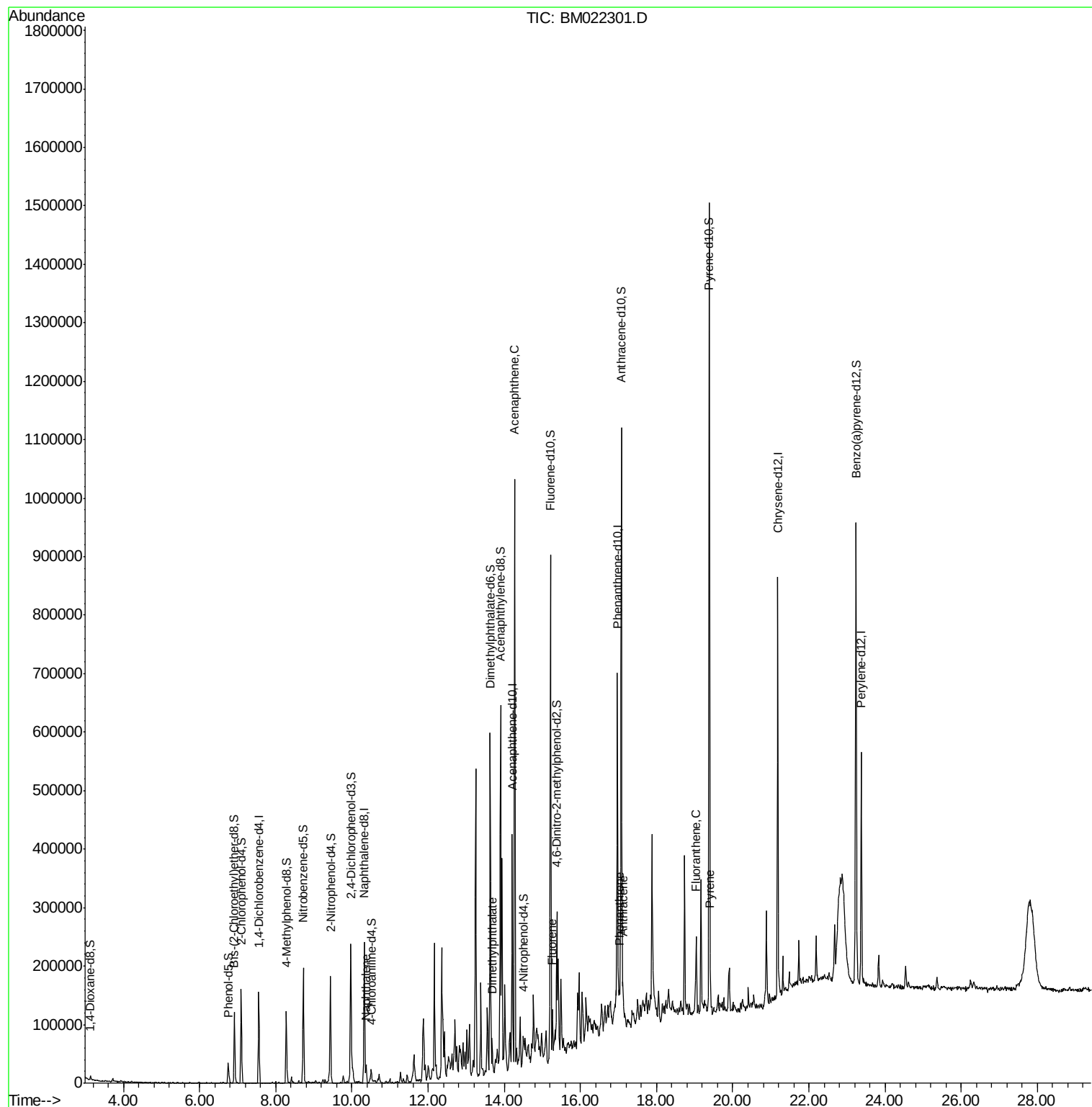
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082319\
Data File : BM022301.D
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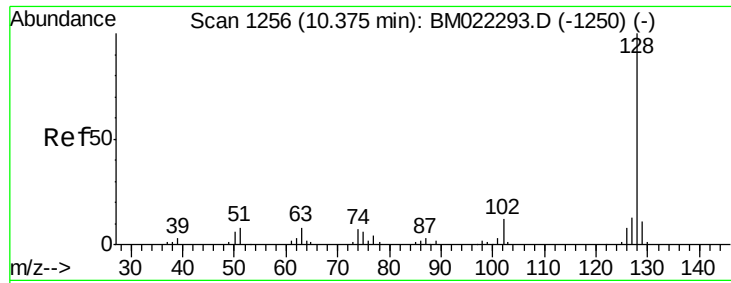
Instrument :
BNA_M
ClientSampleId :
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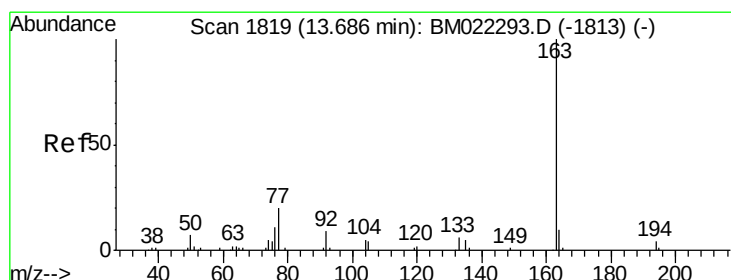
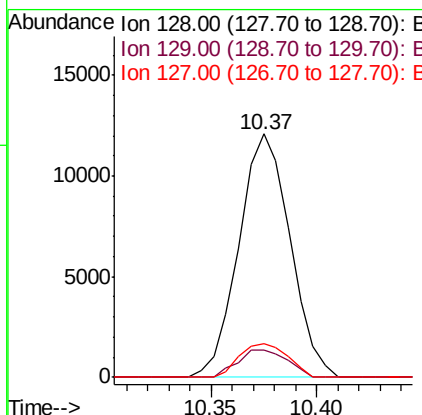
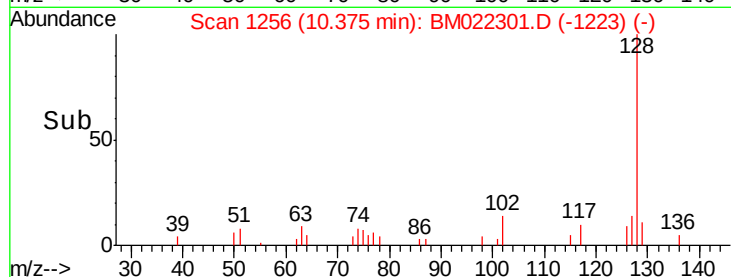
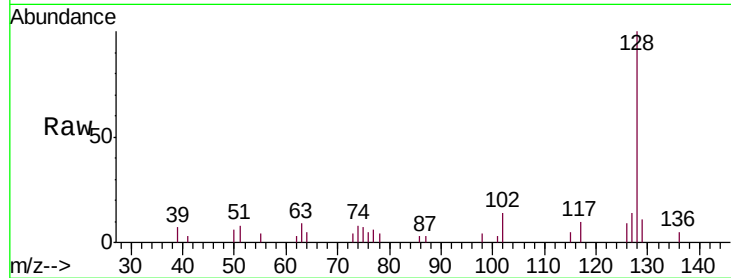
#28
Naphthalene
Concen: 2.227 ng/ul
RT: 10.37 min Scan# 1256
Delta R.T. -0.01 min
Lab File: BM022301.D
Acq: 24 Aug 2019 19:29

Instrument :
BNA_M
ClientSampleId :
C0AB4

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.5	8.6	13.0
127	13.9	10.4	15.6

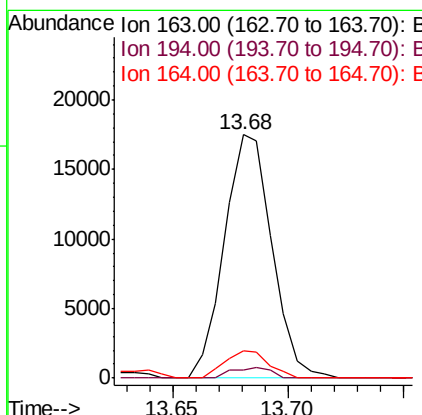
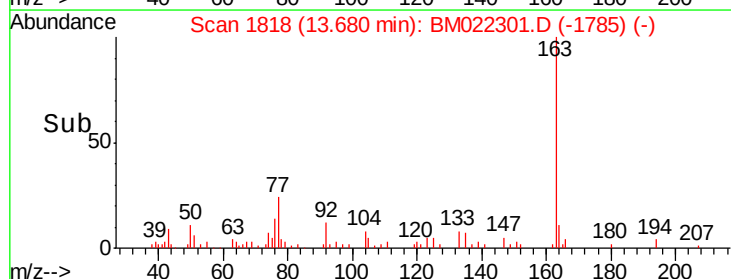
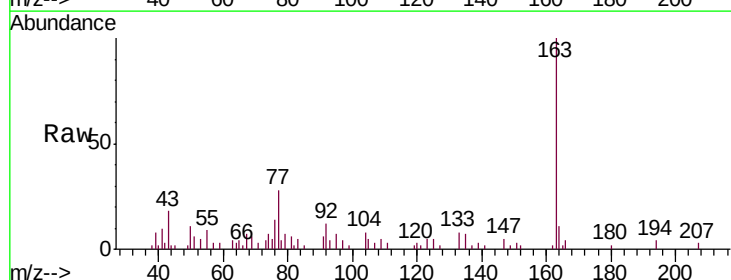
Manual Integrations
APPROVED

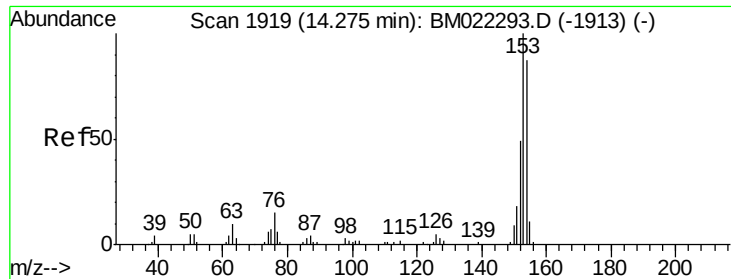
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#44
Dimethylphthalate
Concen: 2.446 ng/ul
RT: 13.68 min Scan# 1818
Delta R.T. -0.01 min
Lab File: BM022301.D
Acq: 24 Aug 2019 19:29

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.5	3.0	4.6
164	11.0	7.8	11.8





#49

Acenaphthene

Concen: 45.717 ng/ul

RT: 14.27 min Scan# 1919

Delta R.T. 0.00 min

Lab File: BM022301.D

Acq: 24 Aug 2019 19:29

Instrument :

BNA_M

ClientSampleId :

C0AB4

Tot Ion:153 Resp: 365998

Ion Ratio Lower Upper

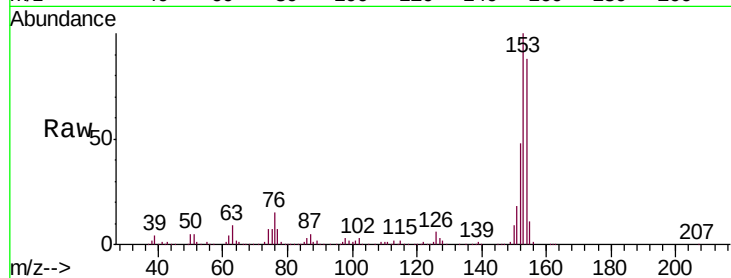
153 100

152 47.6 38.6 58.0

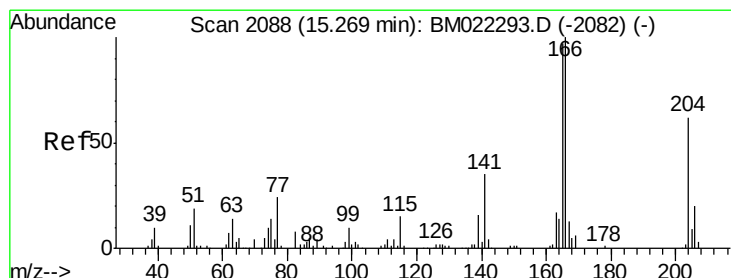
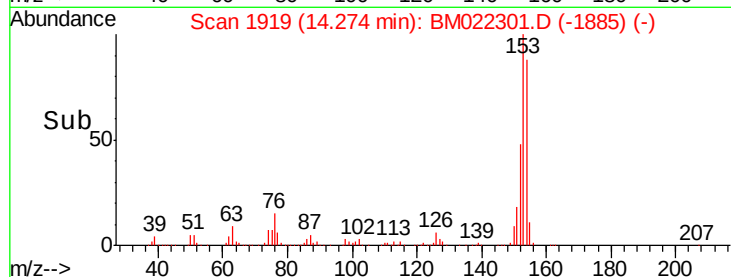
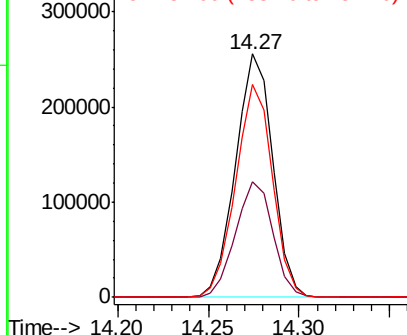
154 87.6 68.9 103.3

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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



#58

Fluorene

Concen: 2.703 ng/ul

RT: 15.27 min Scan# 2088

Delta R.T. 0.00 min

Lab File: BM022301.D

Acq: 24 Aug 2019 19:29

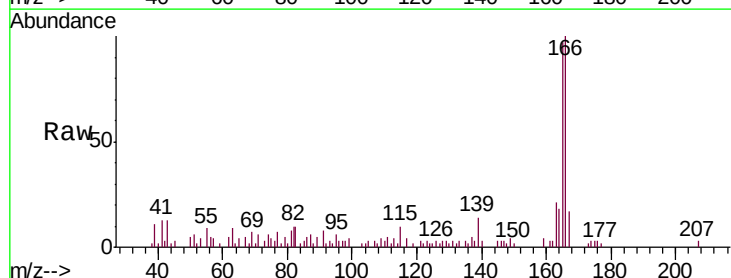
Tgt Ion:166 Resp: 27147

Ion Ratio Lower Upper

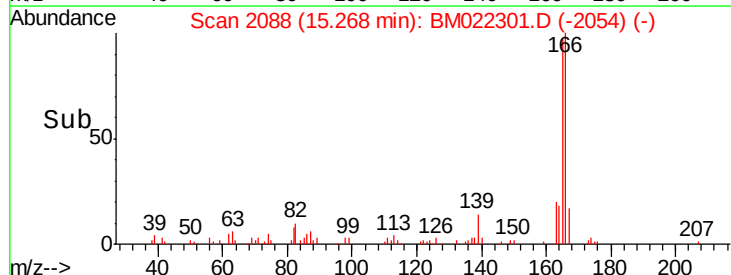
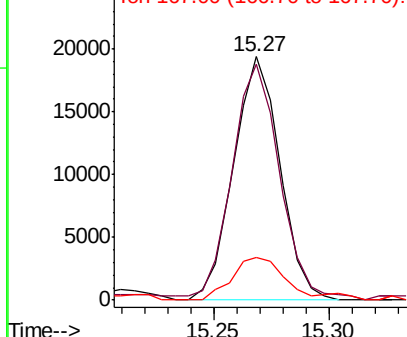
166 100

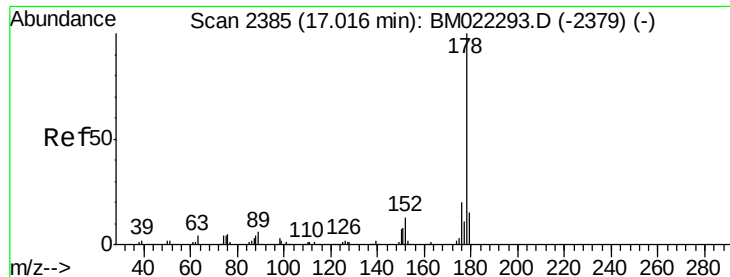
165 96.9 80.2 120.2

167 17.5 11.4 17.0#



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

Phenanthrene

Concen: 1.121 ng/ul m

RT: 17.02 min Scan# 2385

Delta R.T. 0.00 min

Lab File: BM022301.D

Acq: 24 Aug 2019 19:29

Instrument :

BNA_M

ClientSampleId :

C0AB4

Tot Ion:178 Resp: 18410

Ion Ratio Lower Upper

178 100

179 21.3 12.4 18.6#

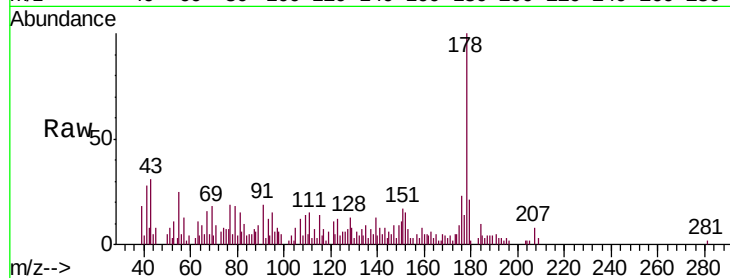
176 22.8 15.4 23.0

Manual Integrations

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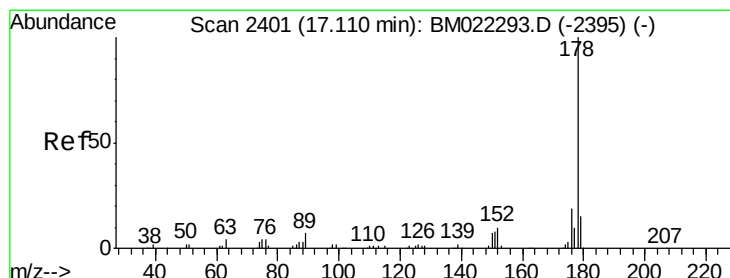
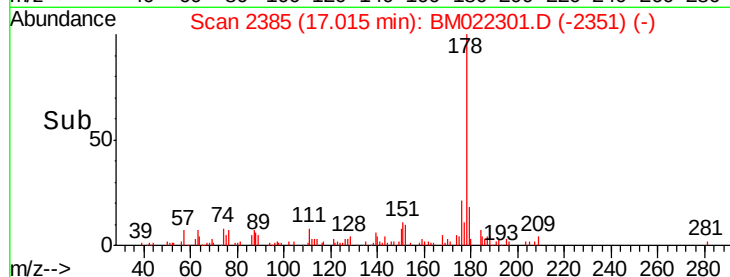
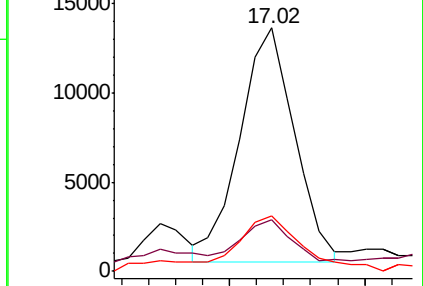
8/26/2019 8:30:38 AM



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



#71

Anthracene

Concen: 1.718 ng/ul

RT: 17.11 min Scan# 2401

Delta R.T. 0.00 min

Lab File: BM022301.D

Acq: 24 Aug 2019 19:29

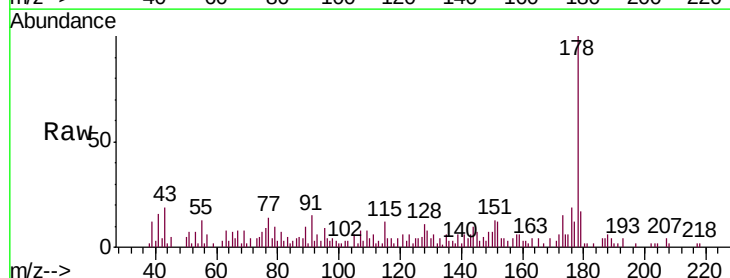
Tgt Ion:178 Resp: 29352

Ion Ratio Lower Upper

178 100

179 16.6 12.3 18.5

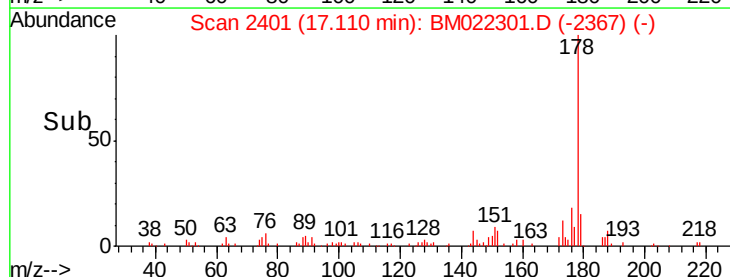
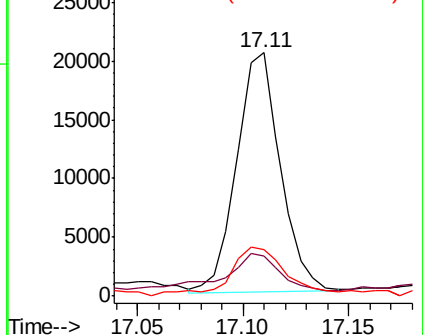
176 18.9 15.5 23.3

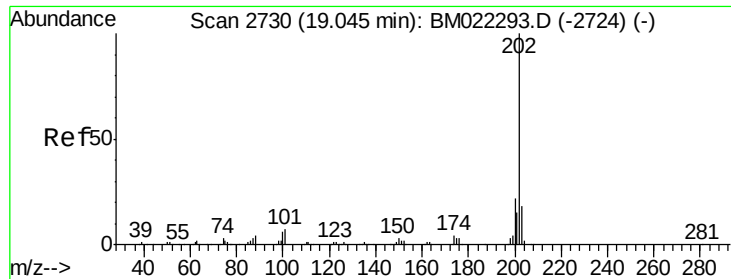


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#76

Fluoranthene

Concen: 2.120 ng/ul

RT: 19.04 min Scan# 2730

Delta R.T. 0.00 min

Lab File: BM022301.D

Acq: 24 Aug 2019 19:29

Instrument :

BNA_M

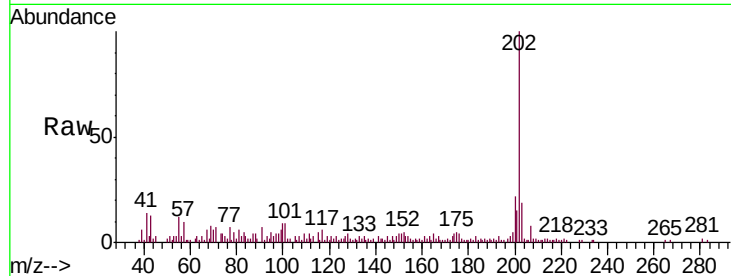
ClientSampled :

C0AB4

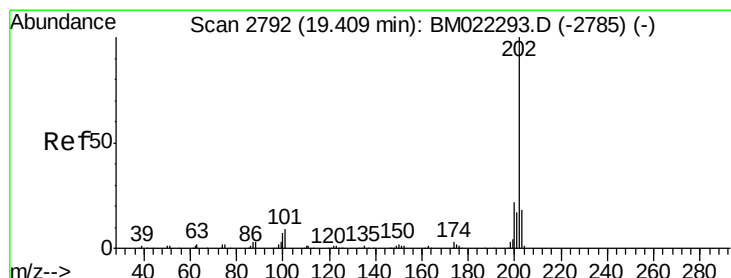
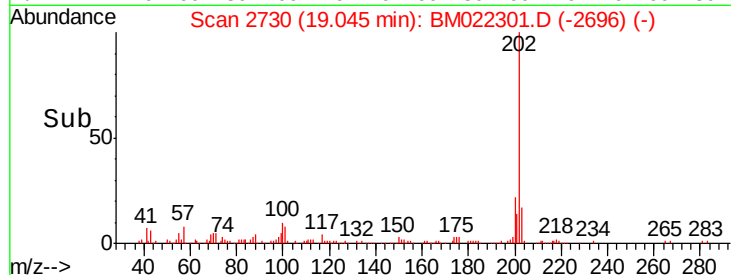
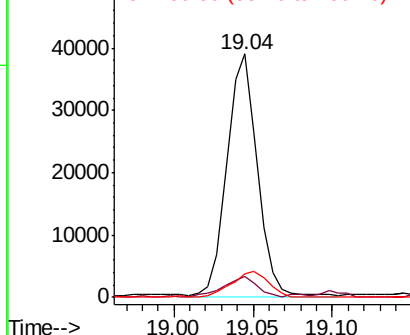
Tot Ion:	202	Resp:	52465
Ion Ratio	Lower	Upper	
202	100		
101	8.6	5.3	7.9#
100	9.4	4.6	6.8#

Manual Integrations
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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B



#79

Pyrene

Concen: 2.019 ng/ul

RT: 19.41 min Scan# 2792

Delta R.T. 0.00 min

Lab File: BM022301.D

Acq: 24 Aug 2019 19:29

Tgt Ion:	202	Resp:	37725
Ion Ratio	Lower	Upper	
202	100		
101	8.9	7.0	10.4
100	7.5	5.8	8.8

Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B

