

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101919\
 Data File : BM023308.D
 Acq On : 20 Oct 2019 04:13
 Operator : JU
 Sample : K5344-04
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BF6K9

Manual Integrations
 APPROVED

mohammad
 10/22/2019 1:45:22 AM

Quant Time: Oct 21 02:33:32 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Oct 19 23:34:34 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	426503	20.00	ng/ul	0.00
18) Naphthalene-d8	10.43	136	1655157	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.30	164	996758	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.04	188	1983330	20.00	ng/ul	0.00
78) Chrysene-d12	21.23	240	2071666	20.00	ng/ul	0.00
86) Perylene-d12	23.43	264	2545793	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.17	96	57287	5.91	ng/uL	0.00
5) Phenol-d5	6.82	99	184274	4.96	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.99	67	411860	19.60	ng/ul	0.00
9) 2-Chlorophenol-d4	7.19	132	488764	17.19	ng/ul	0.00
13) 4-Methylphenol-d8	8.36	113	336488	11.28	ng/ul	0.00
19) Nitrobenzene-d5	8.80	128	282814	25.26	ng/ul	0.00
22) 2-Nitrophenol-d4	9.52	143	302603	28.38	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.05	165	597848	22.05	ng/ul	0.00
29) 4-Chloroaniline-d4	10.56	131	35145	1.07	ng/ul	0.00
44) Dimethylphthalate-d6	13.71	166	1929010	25.25	ng/ul	0.00
47) Acenaphthylene-d8	13.99	160	2201307	24.57	ng/ul	0.00
52) 4-Nitrophenol-d4	14.50	143	85527	6.92	ng/ul	0.00
58) Fluorene-d10	15.29	176	1683272	25.87	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.41	200	268423	34.14	ng/ul	0.00
71) Anthracene-d10	17.14	188	2632520	27.53	ng/ul	0.00
79) Pyrene-d10	19.43	212	2910087	29.01	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.30	264	3587602	27.80	ng/ul	0.00

Target Compounds

					Ovalue
6) Phenol	6.85	94	127711	3.334	ng/ul 100
11) 2-Methylphenol	8.09	108	59277	2.019	ng/ul 93
16) 4-Methylphenol	8.42	108	239131	7.489	ng/ul 98
24) 2,4-Dimethylphenol	9.62	107	394210m	12.085	ng/ul
28) Naphthalene	10.48	128	3957337	46.258	ng/ul 99
34) 2-Methylnaphthalene	12.10	142	914155	14.360	ng/ul 98
45) Dimethylphthalate	13.76	163	1336709	17.484	ng/ul 99
50) Acenaphthene	14.36	153	304293	4.771	ng/ul 98
59) Fluorene	15.34	166	176936	2.382	ng/ul 98
70) Phenanthrene	17.08	178	485549	4.362	ng/ul 99
72) Anthracene	17.17	178	118885	1.034	ng/ul 94
77) Fluoranthene	19.10	202	132891	1.004	ng/ul 96
80) Pyrene	19.46	202	163325	1.258	ng/ul# 94

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

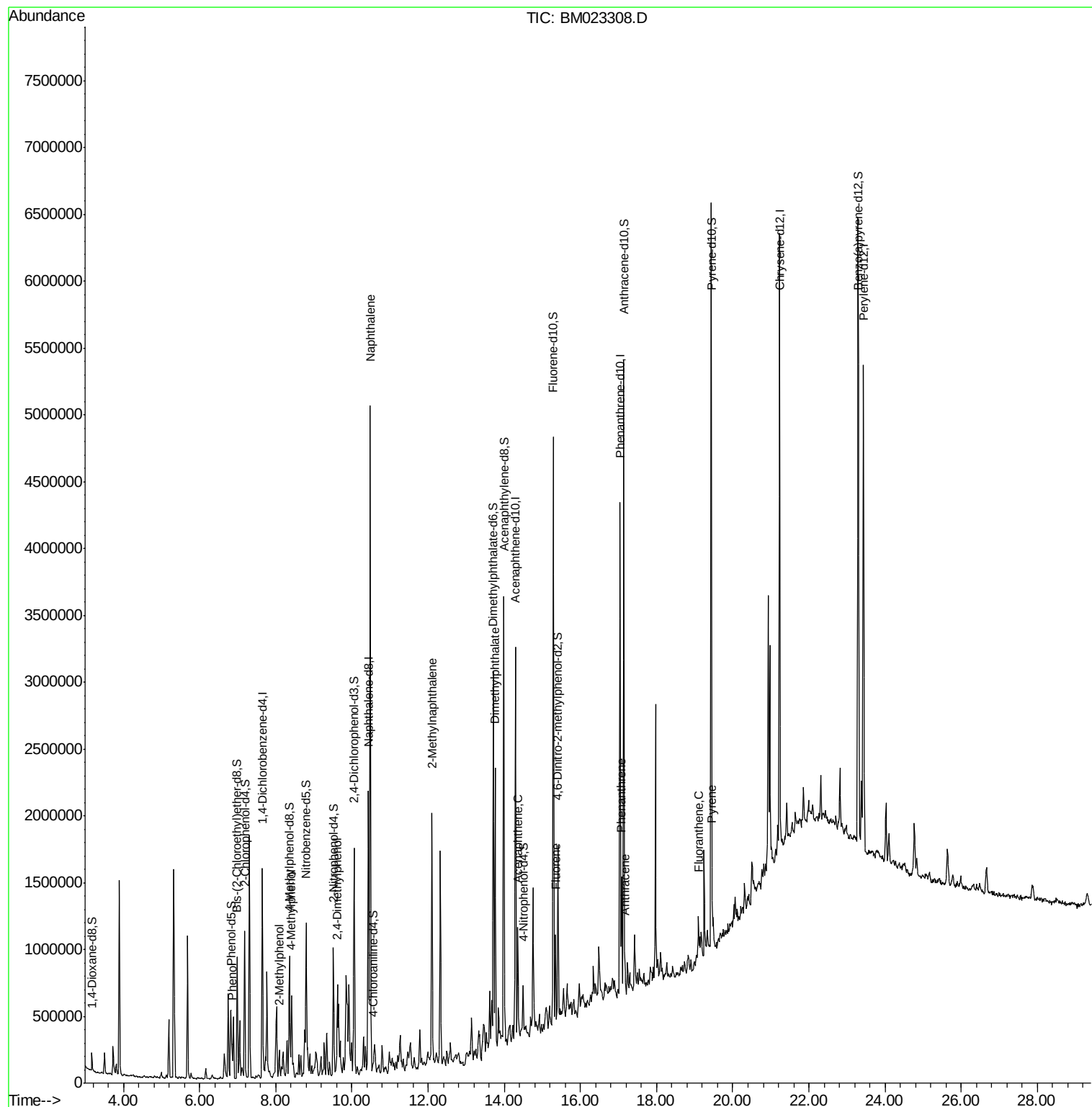
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101919\
Data File : BM023308.D
Acq On : 20 Oct 2019 04:13
Operator : JU
Sample : K5344-04
Misc :
ALS Vial : 29 Sample Multiplier: 1

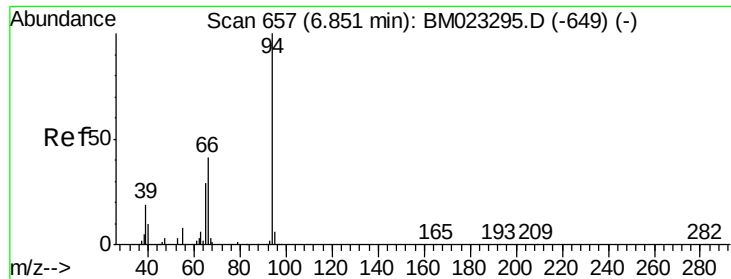
Instrument :
BNA_M
ClientSampleId :
BF6K9

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Quant Time: Oct 21 02:33:32 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Oct 19 23:34:34 2019
Response via : Initial Calibration





#6

Phenol

Concen: 3.334 ng/ul

RT: 6.85 min Scan# 657

Delta R.T. 0.00 min

Lab File: BM023308.D

Acq: 20 Oct 2019 04:13

Instrument :

BNA_M

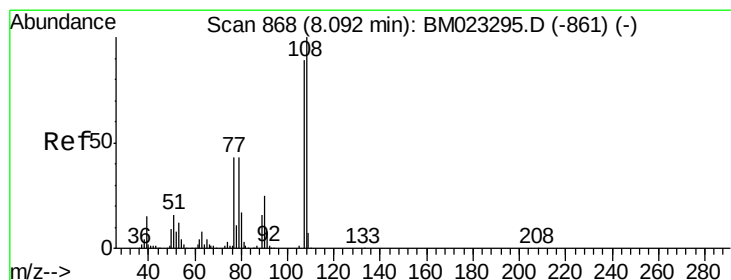
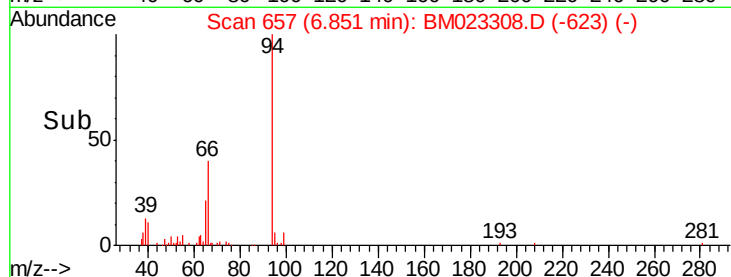
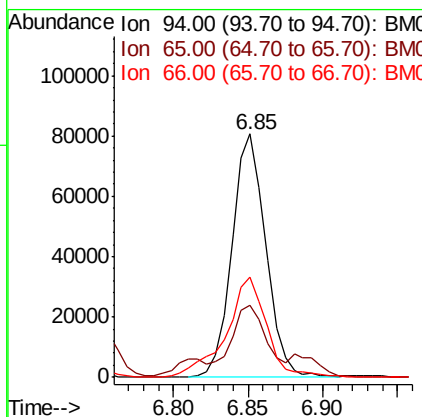
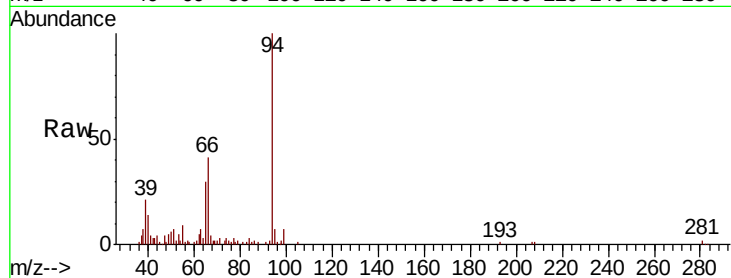
ClientSampled :

BF6K9

Tot Ion:	94	Resp:	127711
Ion	Ratio	Lower	Upper
94	100		
65	29.5	23.7	35.5
66	41.0	32.9	49.3

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#11

2-Methylphenol

Concen: 2.019 ng/ul

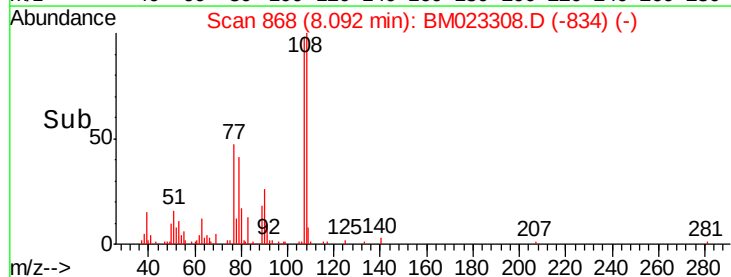
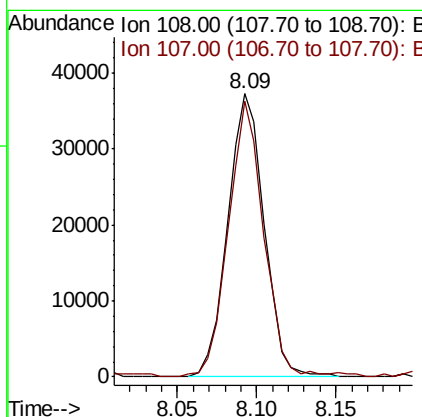
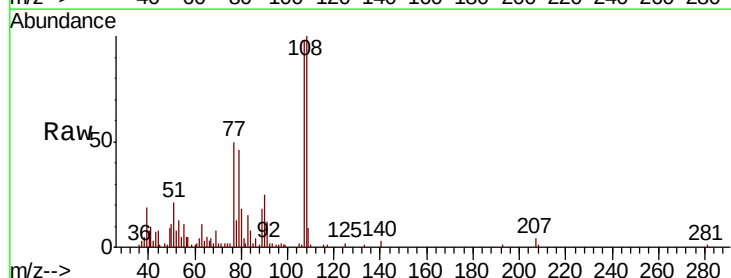
RT: 8.09 min Scan# 868

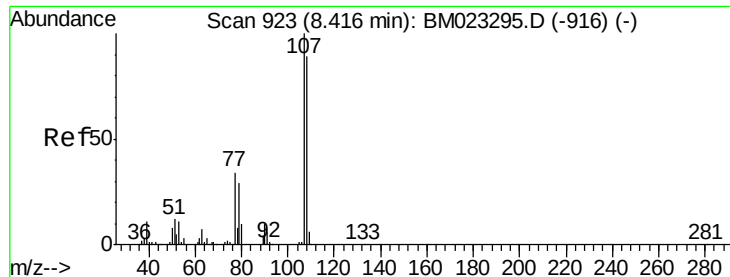
Delta R.T. 0.00 min

Lab File: BM023308.D

Acq: 20 Oct 2019 04:13

Tgt Ion:	108	Resp:	59277
Ion	Ratio	Lower	Upper
108	100		
107	97.6	72.9	109.3





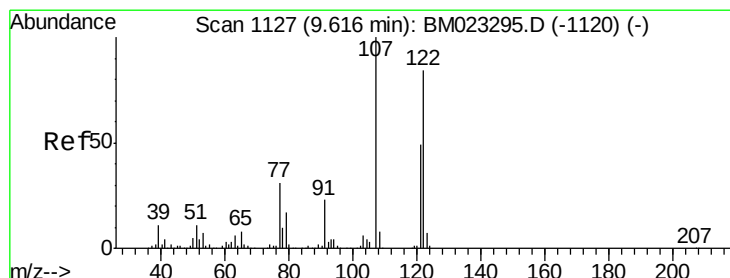
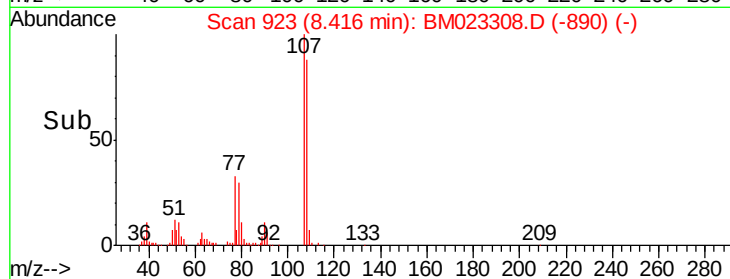
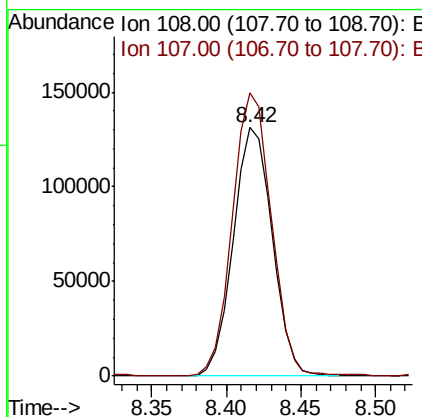
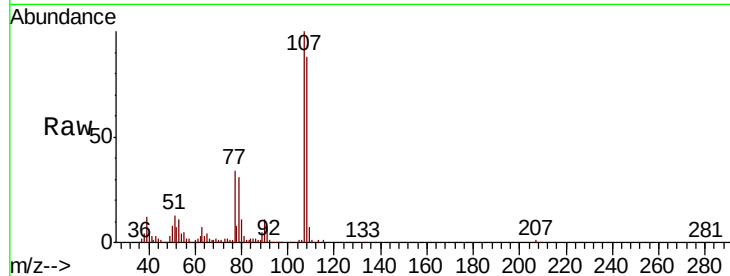
#16
4-Methylphenol
Concen: 7.489 ng/ul
RT: 8.42 min Scan# 923
Delta R.T. -0.01 min
Lab File: BM023308.D
Acq: 20 Oct 2019 04:13

Instrument :
BNA_M
ClientSampleId :
BF6K9

Tot Ion	Ratio	Resp	Lower	Upper
108	100	239131		
107	113.8	89.3	133.9	

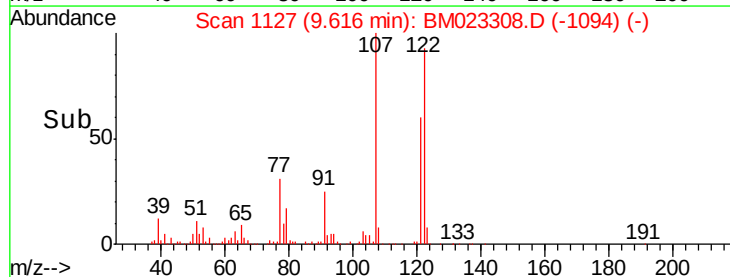
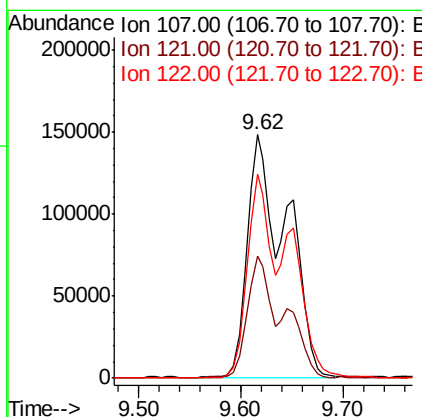
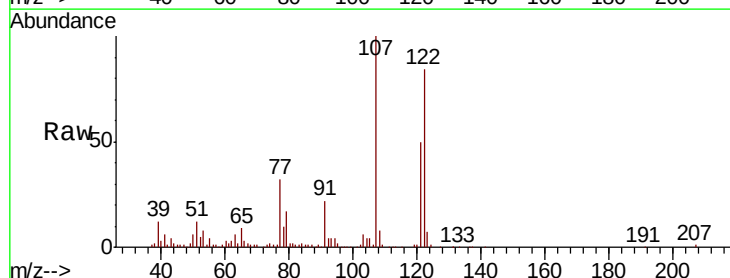
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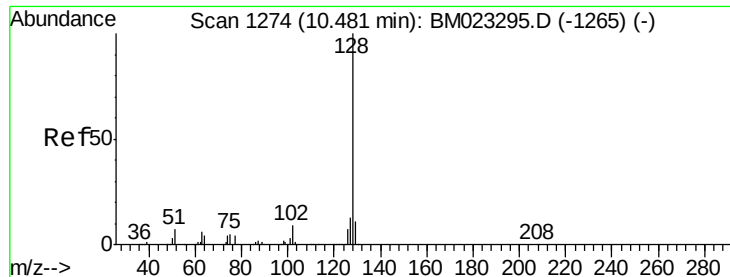
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#24
2,4-Dimethylphenol
Concen: 12.085 ng/ul m
RT: 9.62 min Scan# 1127
Delta R.T. -0.01 min
Lab File: BM023308.D
Acq: 20 Oct 2019 04:13

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	394210		
121	50.2	39.0	58.4	
122	83.9	64.7	97.1	





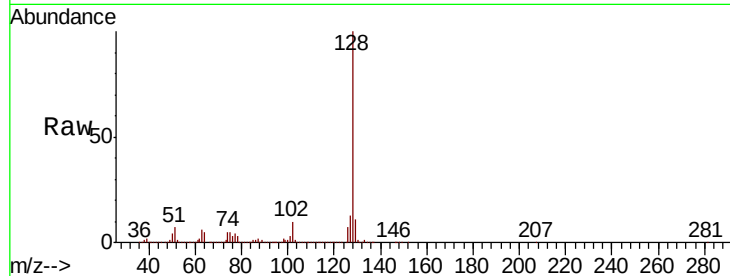
#28
Naphthalene
Concen: 46.258 ng/ul
RT: 10.48 min Scan# 1274
Delta R.T. 0.00 min
Lab File: BM023308.D
Acq: 20 Oct 2019 04:13

Instrument :
BNA_M
ClientSampleId :
BF6K9

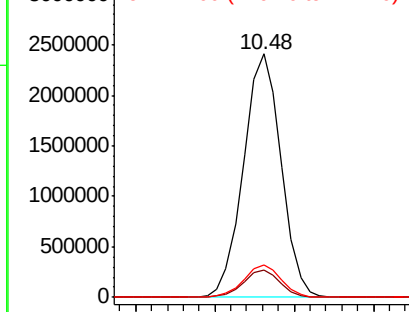
Tot Ion:128 Resp: 3957337
Ion Ratio Lower Upper
128 100
129 11.0 8.3 12.5
127 13.2 10.2 15.4

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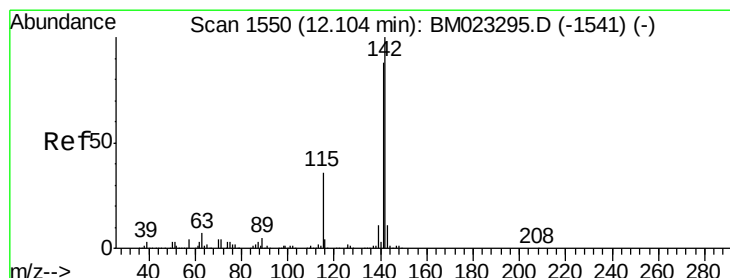
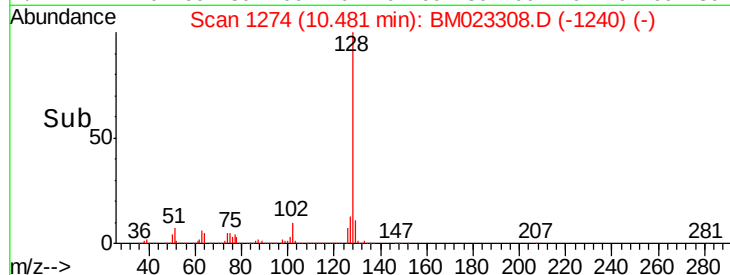
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Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

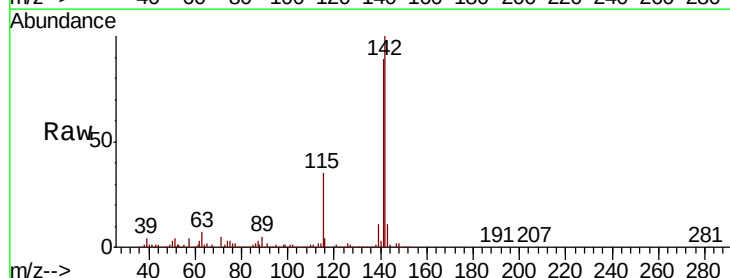


Time--> 10.40 10.45 10.50 10.55

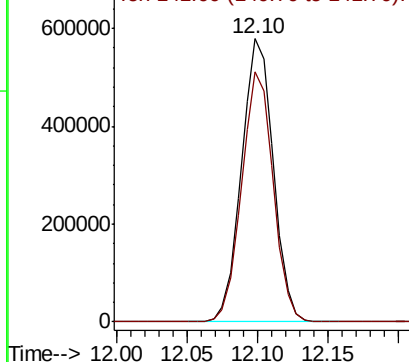


#34
2-Methylnaphthalene
Concen: 14.360 ng/ul
RT: 12.10 min Scan# 1549
Delta R.T. -0.01 min
Lab File: BM023308.D
Acq: 20 Oct 2019 04:13

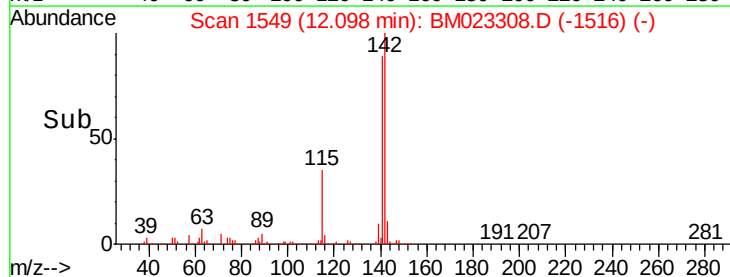
Tgt Ion:142 Resp: 914155
Ion Ratio Lower Upper
142 100
141 88.6 72.1 108.1

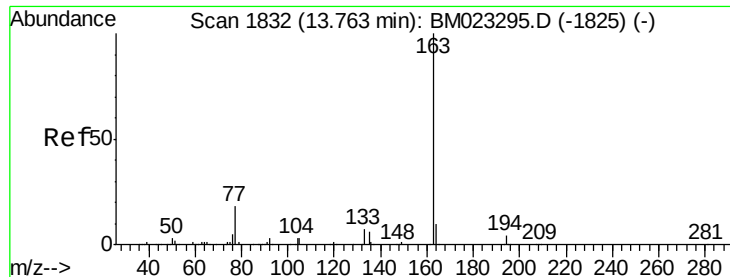


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E



Time--> 12.00 12.05 12.10 12.15





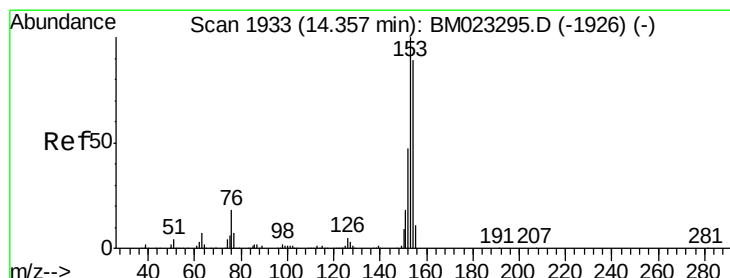
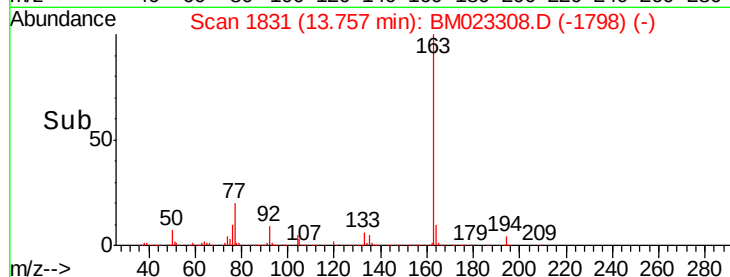
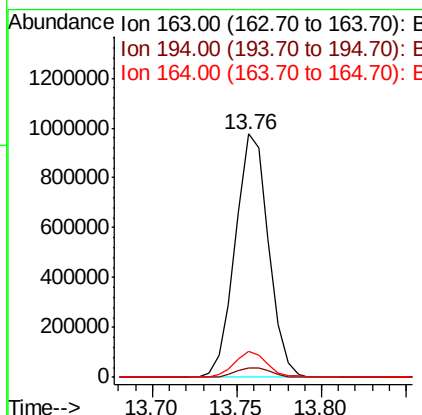
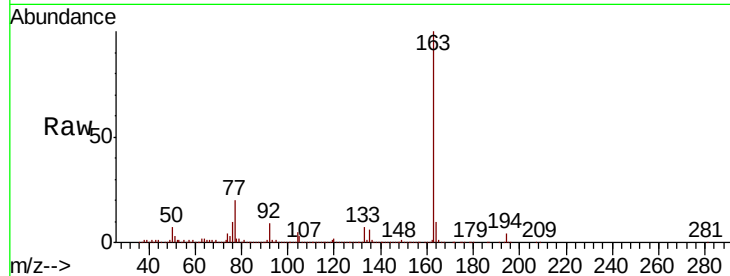
#45
Dimethylphthalate
Concen: 17.484 ng/ul
RT: 13.76 min Scan# 1831
Delta R.T. -0.01 min
Lab File: BM023308.D
Acq: 20 Oct 2019 04:13

Instrument :
BNA_M
ClientSampleId :
BF6K9

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.5	5.3
164	10.5	8.0	12.0

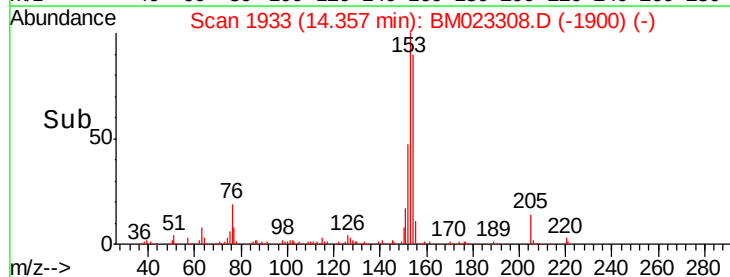
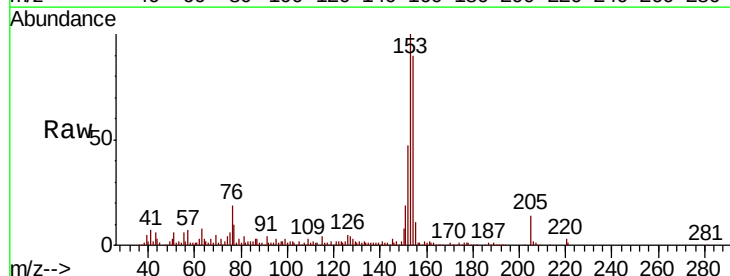
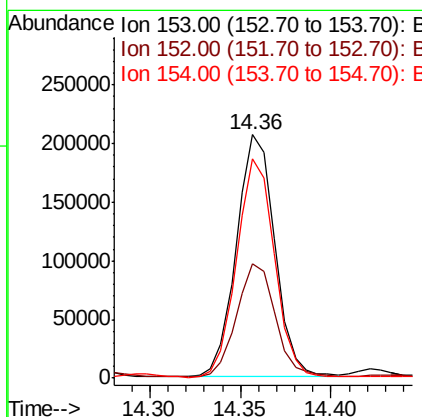
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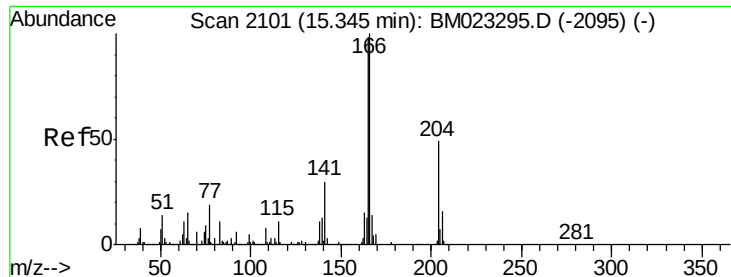
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#50
Acenaphthene
Concen: 4.771 ng/ul
RT: 14.36 min Scan# 1933
Delta R.T. -0.01 min
Lab File: BM023308.D
Acq: 20 Oct 2019 04:13

Tgt Ion	Ratio	Lower	Upper
153	100		
152	46.8	38.0	57.0
154	90.1	70.4	105.6





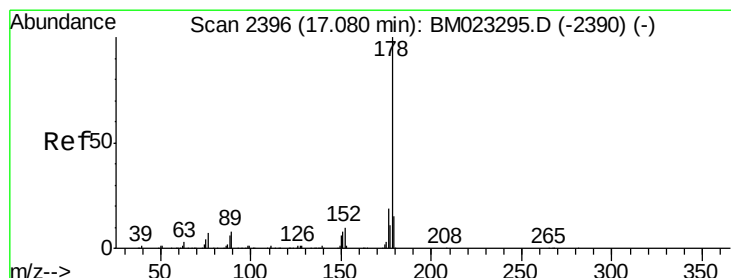
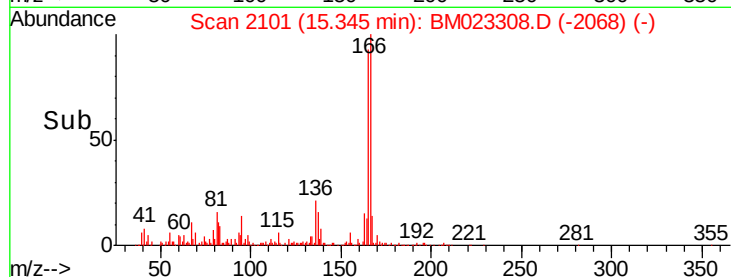
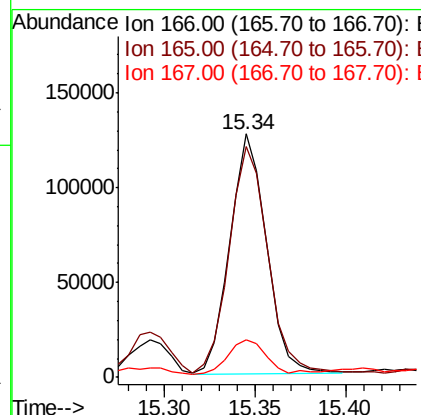
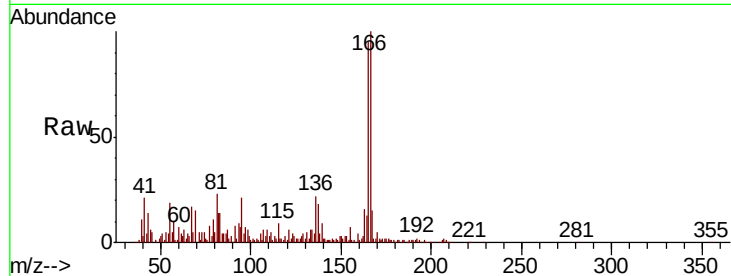
#59
 Fluorene
 Concen: 2.382 ng/ul
 RT: 15.34 min Scan# 2101
 Delta R.T. -0.01 min
 Lab File: BM023308.D
 Acq: 20 Oct 2019 04:13

Instrument :
 BNA_M
 ClientSampleId :
 BF6K9

Tot Ion	Ratio	Lower	Upper
166	100		
165	94.6	77.4	116.0
167	15.2	10.8	16.2

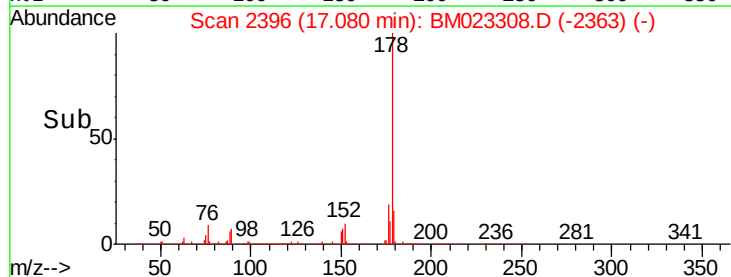
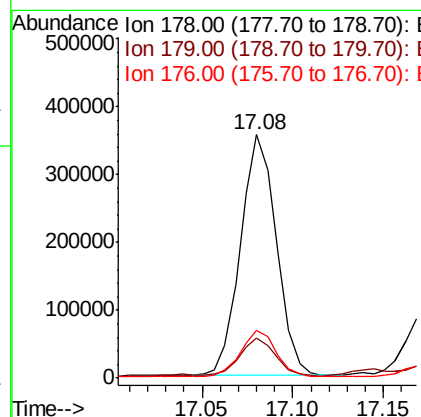
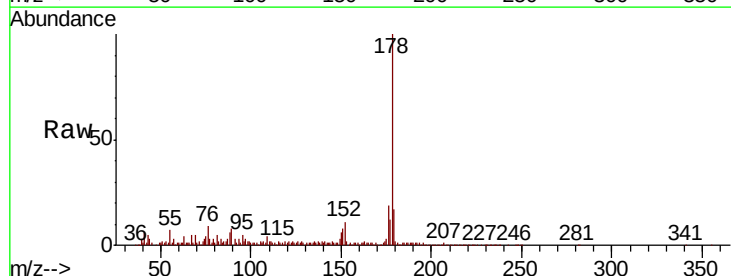
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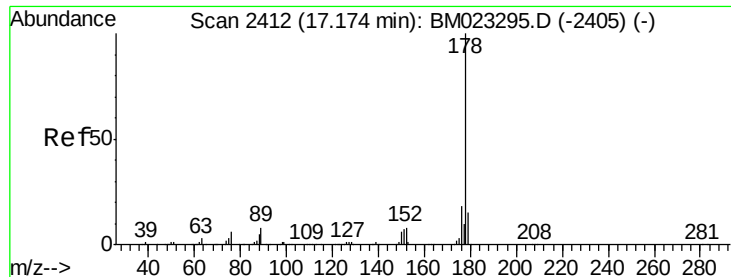
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#70
 Phenanthrene
 Concen: 4.362 ng/ul
 RT: 17.08 min Scan# 2396
 Delta R.T. -0.01 min
 Lab File: BM023308.D
 Acq: 20 Oct 2019 04:13

Tgt Ion	Ratio	Lower	Upper
178	100		
179	16.7	12.3	18.5
176	19.5	15.5	23.3





#72

Anthracene

Concen: 1.034 ng/ul

RT: 17.17 min Scan# 2412

Delta R.T. 0.00 min

Lab File: BM023308.D

Acq: 20 Oct 2019 04:13

Instrument :

BNA_M

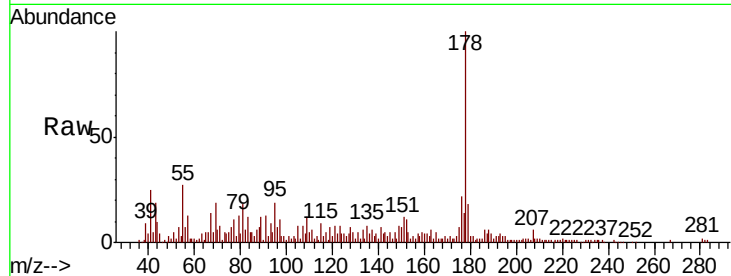
ClientSampleId :

BF6K9

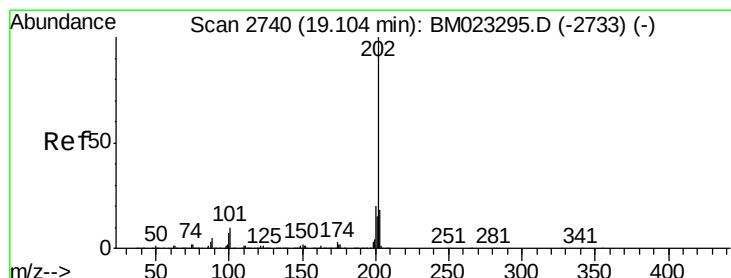
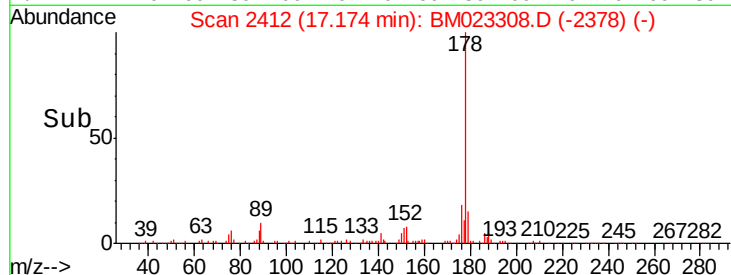
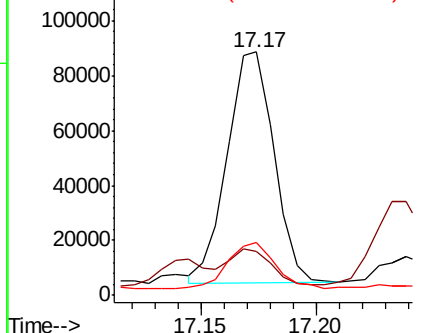
Tot Ion:	178	Resp:	118885
Ion Ratio	Lower	Upper	
178	100		
179	18.0	12.3	18.5
176	21.5	15.0	22.4

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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



#77

Fluoranthene

Concen: 1.004 ng/ul

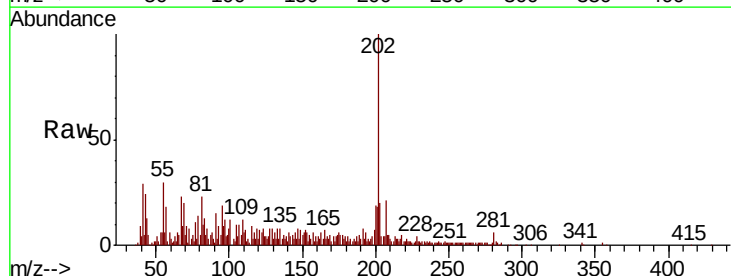
RT: 19.10 min Scan# 2740

Delta R.T. 0.00 min

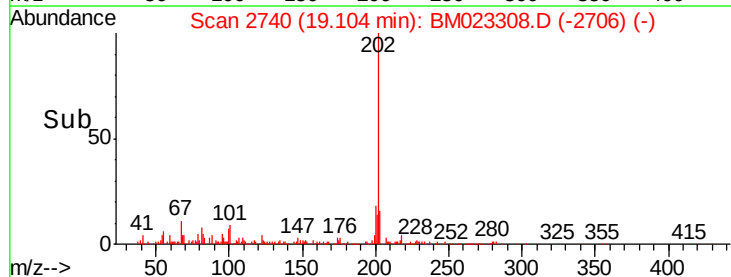
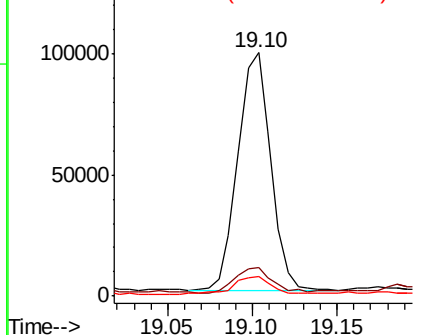
Lab File: BM023308.D

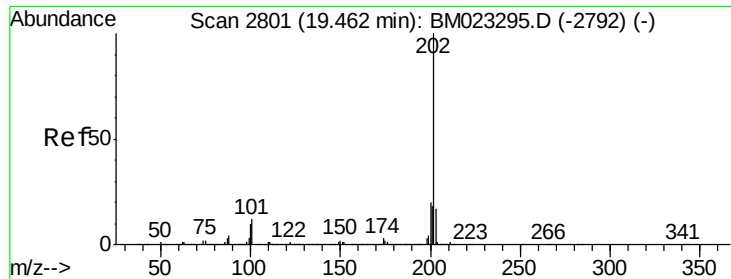
Acq: 20 Oct 2019 04:13

Tgt Ion:	202	Resp:	132891
Ion Ratio	Lower	Upper	
202	100		
101	11.7	7.8	11.8
100	8.2	6.1	9.1



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





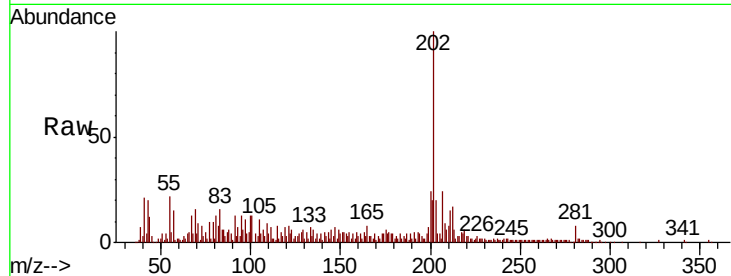
#80
 Pvrene
 Concen: 1.258 ng/ul
 RT: 19.46 min Scan# 2801
 Delta R.T. -0.01 min
 Lab File: BM023308.D
 Acq: 20 Oct 2019 04:13

Instrument :
 BNA_M
 ClientSampleId :
 BF6K9

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	12.7	9.1	13.7
100	12.5	7.5	11.3

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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

