

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM100119\
 Data File : BM022893.D
 Acq On : 02 Oct 2019 15:17
 Operator : JU
 Sample : K4932-10DL 2X
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleID :
 BFDJ8DL

Manual Integrations
 APPROVED

mohammad
 10/3/2019 5:42:28 PM

Quant Time: Oct 03 01:54:31 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Sep 27 18:03:27 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	189821	20.00	ng/ul	-0.01
18) Naphthalene-d8	10.59	136	830582	20.00	ng/ul	-0.01
36) Acenaphthene-d10	14.43	164	506359	20.00	ng/ul	-0.02
62) Phenanthrene-d10	17.17	188	900997	20.00	ng/ul	-0.01
78) Chrysene-d12	21.35	240	646570	20.00	ng/ul	-0.02
86) Perylene-d12	23.62	264	713632	20.00	ng/ul	-0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.28	96	3587	0.82	ng/uL	0.01
5) Phenol-d5	6.97	99	65930	3.93	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.13	67	133125	14.50	ng/ul	-0.01
9) 2-Chlorophenol-d4	7.33	132	163289	12.09	ng/ul	-0.01
13) 4-Methylphenol-d8	8.50	113	117659	8.57	ng/ul	-0.01
19) Nitrobenzene-d5	8.96	128	95280	14.86	ng/ul	0.00
22) 2-Nitrophenol-d4	9.67	143	104288	14.90	ng/ul	-0.01
26) 2,4-Dichlorophenol-d3	10.22	165	193532	13.89	ng/ul	-0.01
29) 4-Chloroaniline-d4	10.72	131	153868	9.09	ng/ul	-0.01
44) Dimethylphthalate-d6	13.85	166	599695	15.26	ng/ul	-0.01
47) Acenaphthylene-d8	14.13	160	685515	15.11	ng/ul	-0.01
52) 4-Nitrophenol-d4	14.64	143	22919	2.95	ng/ul	0.00
58) Fluorene-d10	15.43	176	491574	14.68	ng/ul	-0.01
63) 4,6-Dinitro-2-methylphenol	15.54	200	53309	9.09	ng/ul	-0.02
71) Anthracene-d10	17.27	188	695626	15.81	ng/ul	-0.02
79) Pyrene-d10	19.56	212	641085	18.42	ng/ul	-0.02
90) Benzo(a)pyrene-d12	23.47	264	577462	15.64	ng/ul	-0.03

Target Compounds

					Qvalue
6) Phenol	7.00	94	860269	48.928	ng/ul 99
11) 2-Methylphenol	8.25	108	668156	49.306	ng/ul 99
16) 4-Methylphenol	8.58	108	1906426	127.232	ng/ul 92
24) 2,4-Dimethylphenol	9.77	107	2392427m	153.487	ng/ul
28) Naphthalene	10.64	128	901366	20.094	ng/ul 99
34) 2-Methylnaphthalene	12.25	142	249673	7.424	ng/ul 99
45) Dimethylphthalate	13.89	163	594147	14.718	ng/ul 100

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

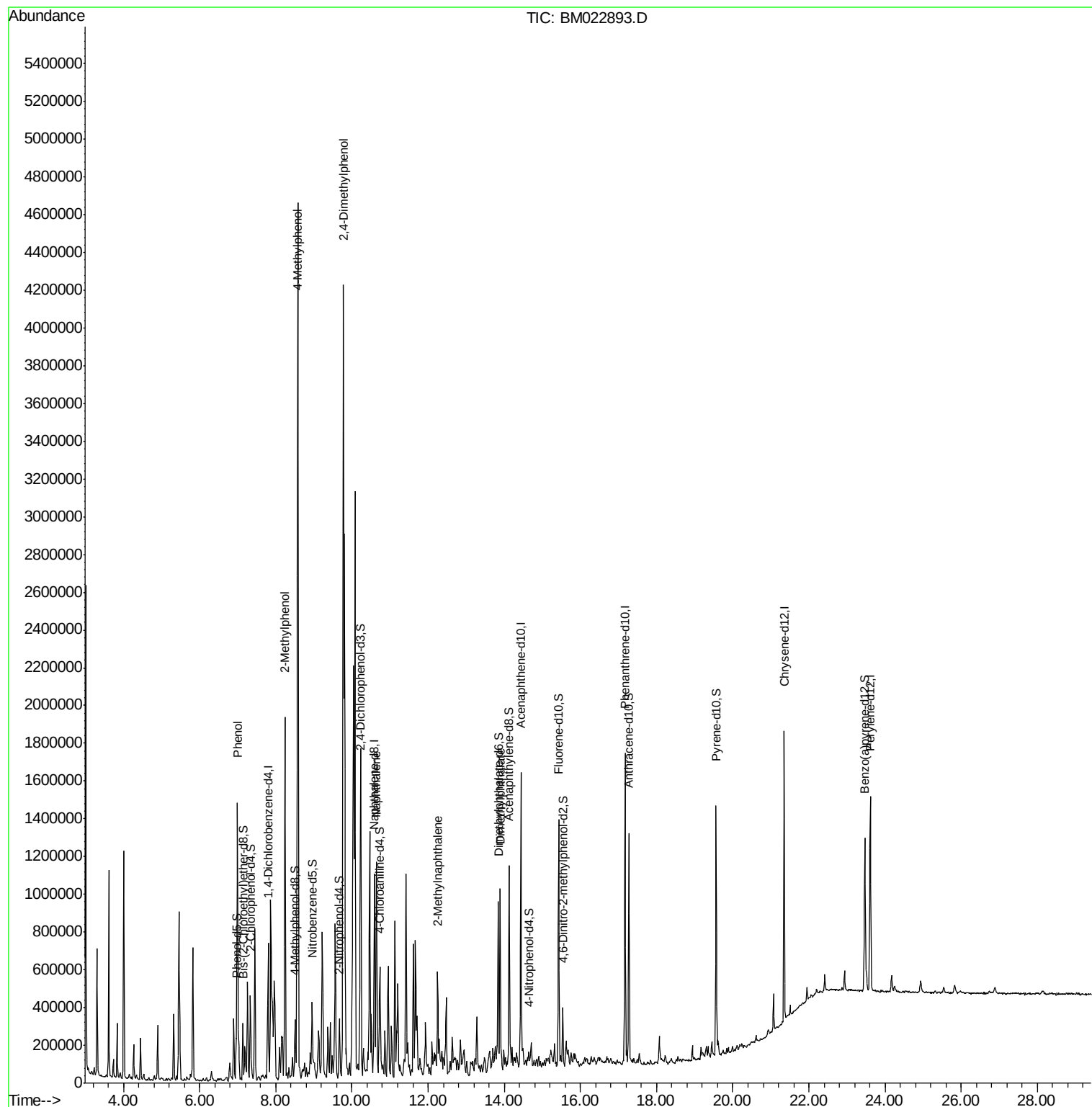
Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM100119\
Data File : BM022893.D
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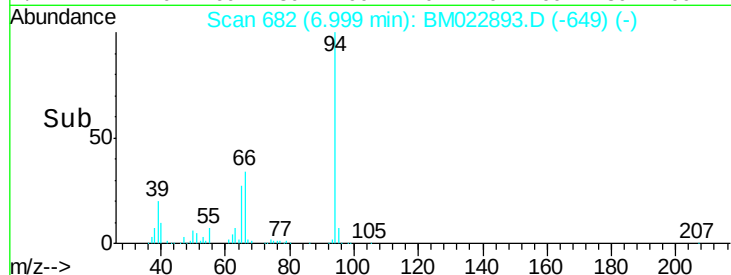
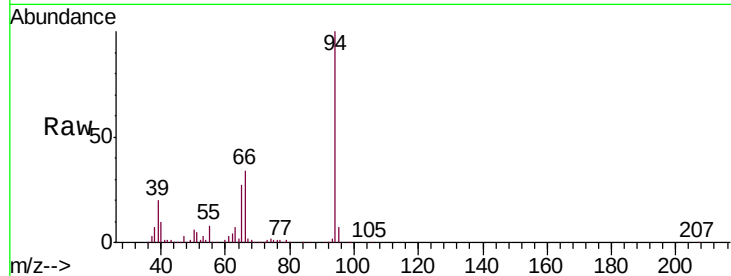
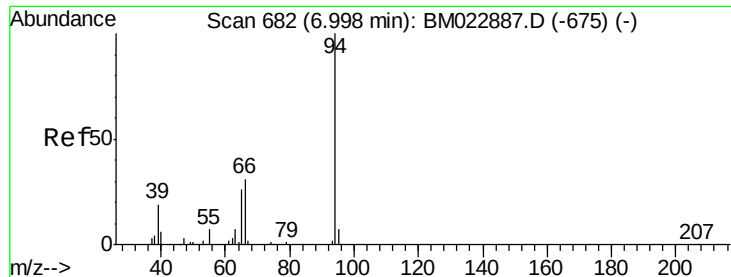
Instrument :
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#6

Phenol

Concen: 48.928 ng/ul

RT: 7.00 min Scan# 682

Delta R.T. -0.01 min

Lab File: BM022893.D

Acq: 02 Oct 2019 15:17

Tgt Ion:	94	Resp:	860269
Ion	Ratio	Lower	Upper
94	100		
65	26.8	20.9	31.3
66	34.1	27.2	40.8

Instrument :

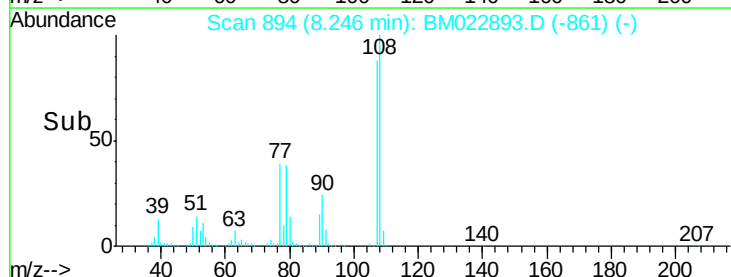
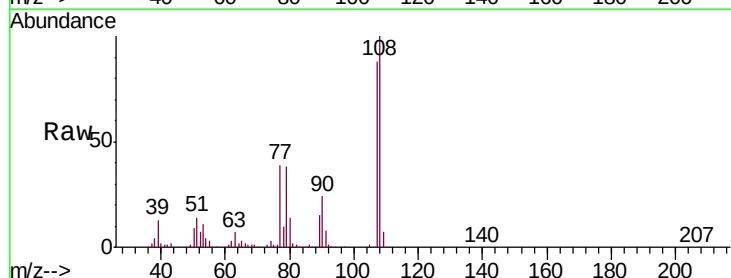
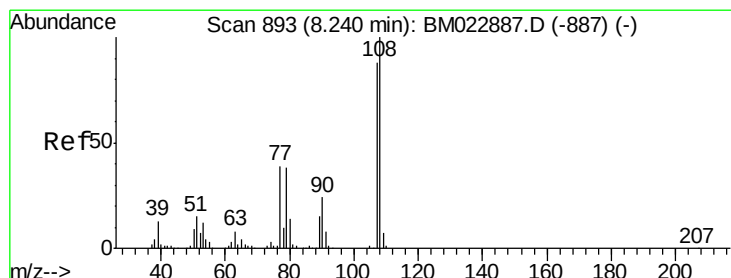
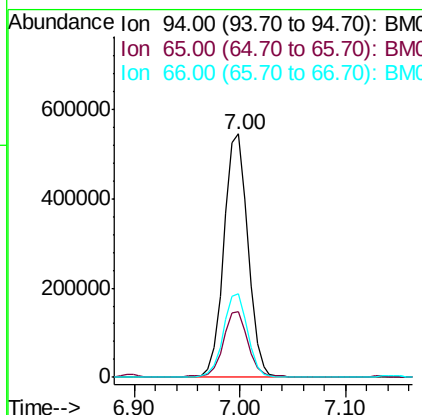
BNA_M

ClientSampleId :

BFDJ8DL

Manual Integrations
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#11

2-Methylphenol

Concen: 49.306 ng/ul

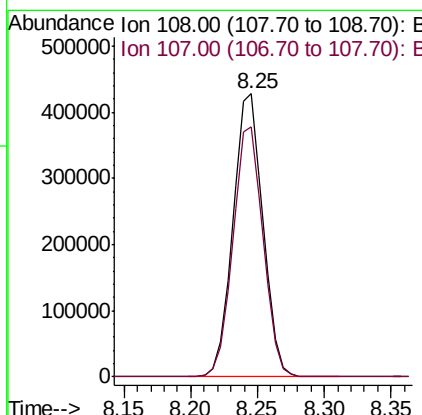
RT: 8.25 min Scan# 894

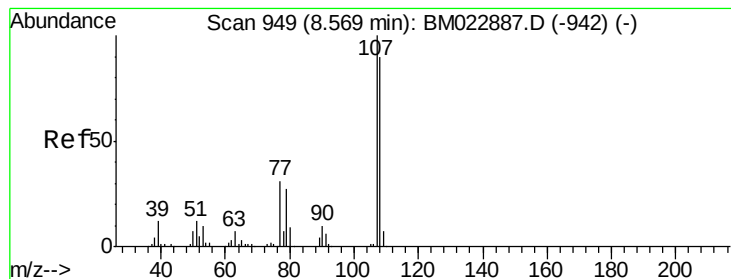
Delta R.T. -0.01 min

Lab File: BM022893.D

Acq: 02 Oct 2019 15:17

Tgt Ion:	108	Resp:	668156
Ion	Ratio	Lower	Upper
108	100		
107	88.1	71.0	106.4





#16

4-Methylphenol

Concen: 127.232 ng/ul

RT: 8.58 min Scan# 951

Delta R.T. 0.00 min

Lab File: BM022893.D

Acq: 02 Oct 2019 15:17

Instrument :

BNA_M

ClientSampleId :

BFDJ8DL

Tgt Ion:108 Resp: 1906426

Ion Ratio Lower Upper

108 100

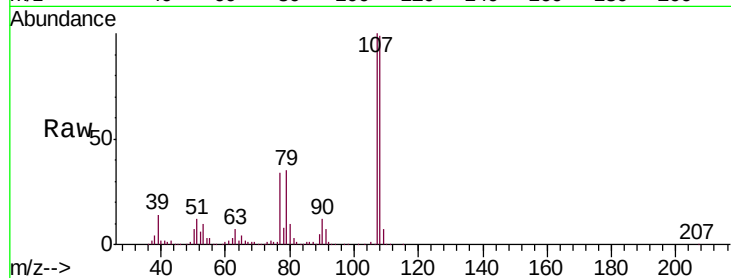
107 101.1 87.9 131.9

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Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E

1200000

1000000

800000

600000

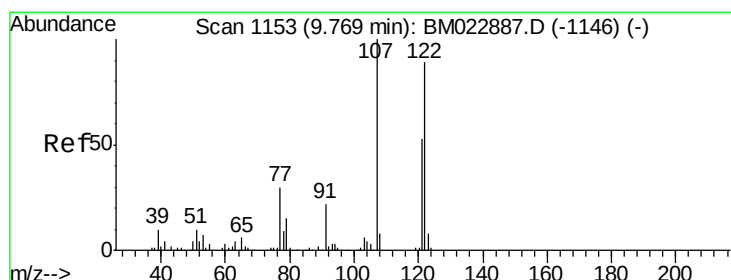
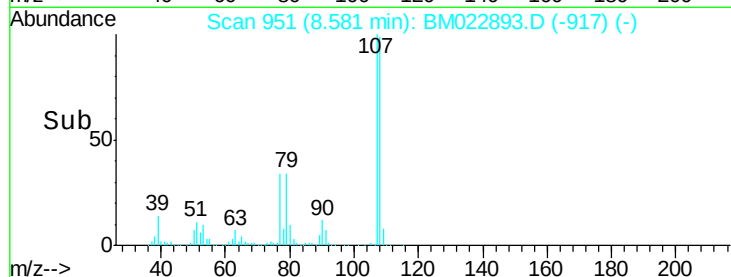
400000

200000

0

8.50 8.55 8.60 8.65

Time-->



#24

2,4-Dimethylphenol

Concen: 153.487 ng/ul m

RT: 9.77 min Scan# 1154

Delta R.T. -0.01 min

Lab File: BM022893.D

Acq: 02 Oct 2019 15:17

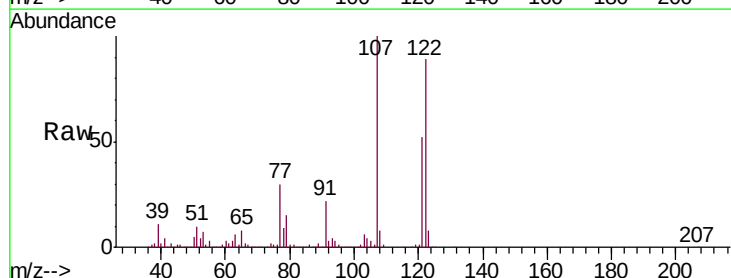
Tgt Ion:107 Resp: 2392427

Ion Ratio Lower Upper

107 100

121 52.3 43.0 64.4

122 88.8 71.4 107.0



Abundance Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E

Ion 122.00 (121.70 to 122.70): E

1200000

1000000

800000

600000

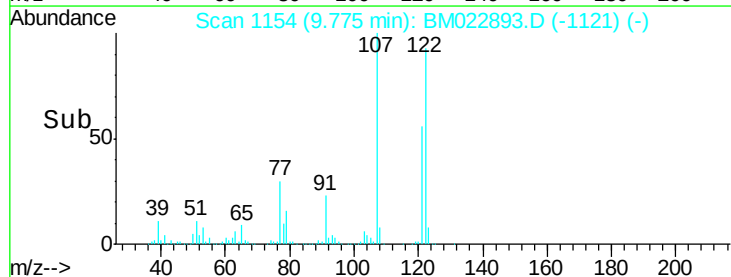
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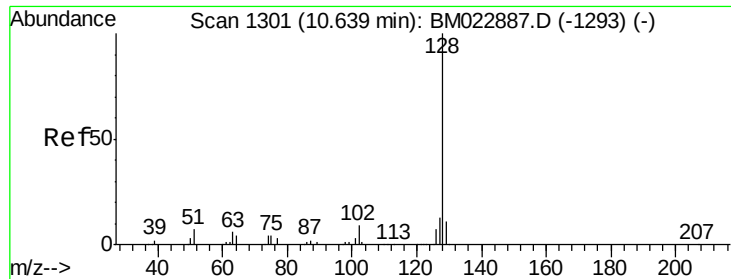
200000

0

9.70 9.75 9.80 9.85

Time-->





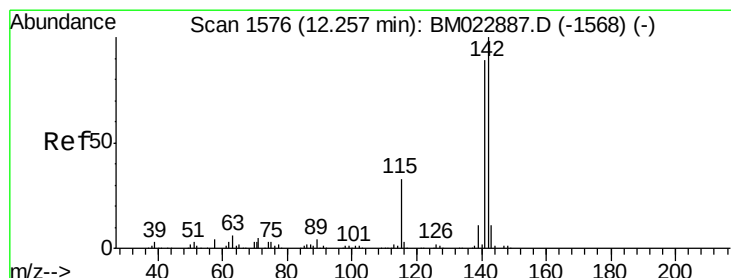
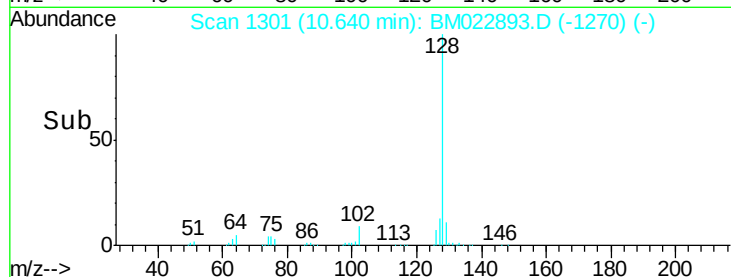
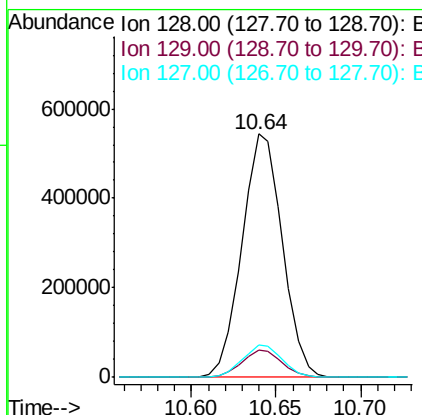
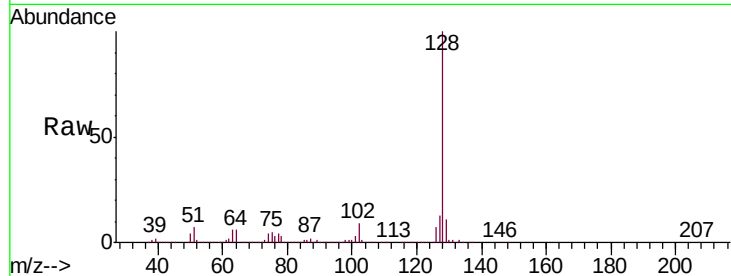
#28
Naphthalene
Concen: 20.094 ng/ul
RT: 10.64 min Scan# 1301
Delta R.T. -0.02 min
Lab File: BM022893.D
Acq: 02 Oct 2019 15:17

Instrument :
BNA_M
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Tgt Ion	Ratio	Resp	Lower	Upper
128	100	901366		
129	11.1	8.6	13.0	
127	13.2	10.2	15.4	

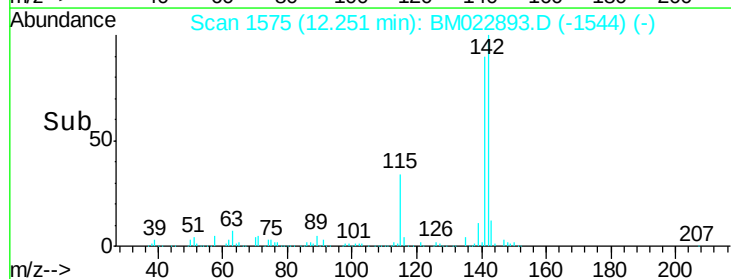
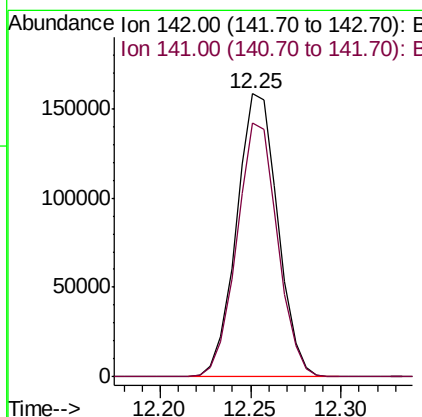
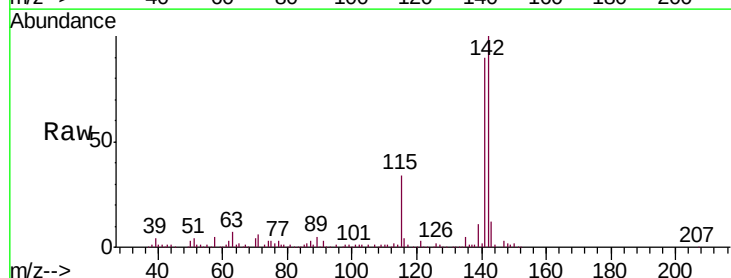
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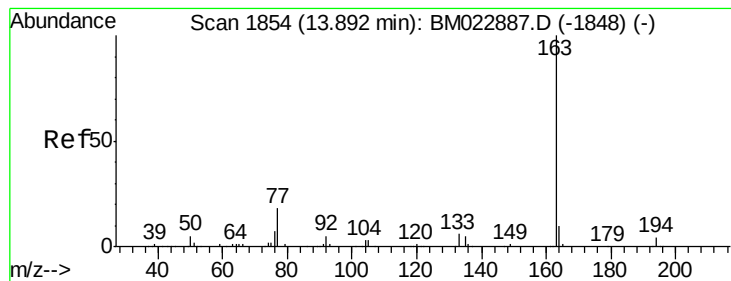
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#34
2-Methylnaphthalene
Concen: 7.424 ng/ul
RT: 12.25 min Scan# 1575
Delta R.T. -0.02 min
Lab File: BM022893.D
Acq: 02 Oct 2019 15:17

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	249673		
141	89.9	71.2	106.8	





#45

Dimethylphthalate

Concen: 14.718 ng/ul

RT: 13.89 min Scan# 1854

Delta R.T. -0.01 min

Lab File: BM022893.D

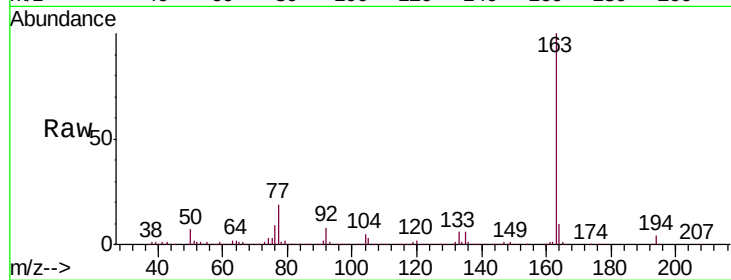
Acq: 02 Oct 2019 15:17

Instrument :

BNA_M

ClientSampleId :

BFDJ8DL



Tgt Ion:	163	Resp:	594147
Ion Ratio	Lower	Upper	
163	100		
194	3.9	3.4	5.0
164	10.1	8.1	12.1

Manual Integrations
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