

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100119\
 Data File : BM022858.D
 Acq On : 01 Oct 2019 17:26
 Operator : JU
 Sample : K4983-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Oct 02 01:09:07 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	187528	20.00	ng/ul	0.00
18) Naphthalene-d8	10.59	136	874812	20.00	ng/ul	-0.01
36) Acenaphthene-d10	14.44	164	564932	20.00	ng/ul	-0.01
62) Phenanthrene-d10	17.17	188	1155777	20.00	ng/ul	-0.01
78) Chrysene-d12	21.36	240	1070148	20.00	ng/ul	-0.01
86) Perylene-d12	23.62	264	967529	20.00	ng/ul	-0.02

System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.28	96	19467	4.49	ng/uL	0.00
5) Phenol-d5	6.97	99	92510	5.58	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.13	67	218240	24.07	ng/ul	-0.01
9) 2-Chlorophenol-d4	7.33	132	258833	19.40	ng/ul	-0.01
13) 4-Methylphenol-d8	8.50	113	178044	13.12	ng/ul	-0.01
19) Nitrobenzene-d5	8.96	128	158093	23.42	ng/ul	0.00
22) 2-Nitrophenol-d4	9.67	143	162917	22.10	ng/ul	-0.01
26) 2,4-Dichlorophenol-d3	10.22	165	329420	22.44	ng/ul	-0.01
29) 4-Chloroaniline-d4	10.73	131	361519	20.27	ng/ul	0.00
44) Dimethylphthalate-d6	13.85	166	1107933	25.27	ng/ul	-0.01
47) Acenaphthylene-d8	14.13	160	1271070	25.11	ng/ul	-0.01
52) 4-Nitrophenol-d4	14.63	143	39266	4.53	ng/ul	-0.01
58) Fluorene-d10	15.43	176	965347	25.83	ng/ul	-0.01
63) 4,6-Dinitro-2-methylphenol	15.55	200	148172	19.70	ng/ul	-0.01
71) Anthracene-d10	17.27	188	1521675	26.96	ng/ul	-0.01
79) Pyrene-d10	19.57	212	1714198	29.76	ng/ul	-0.01
90) Benzo(a)pyrene-d12	23.48	264	1383996	27.65	ng/ul	-0.02

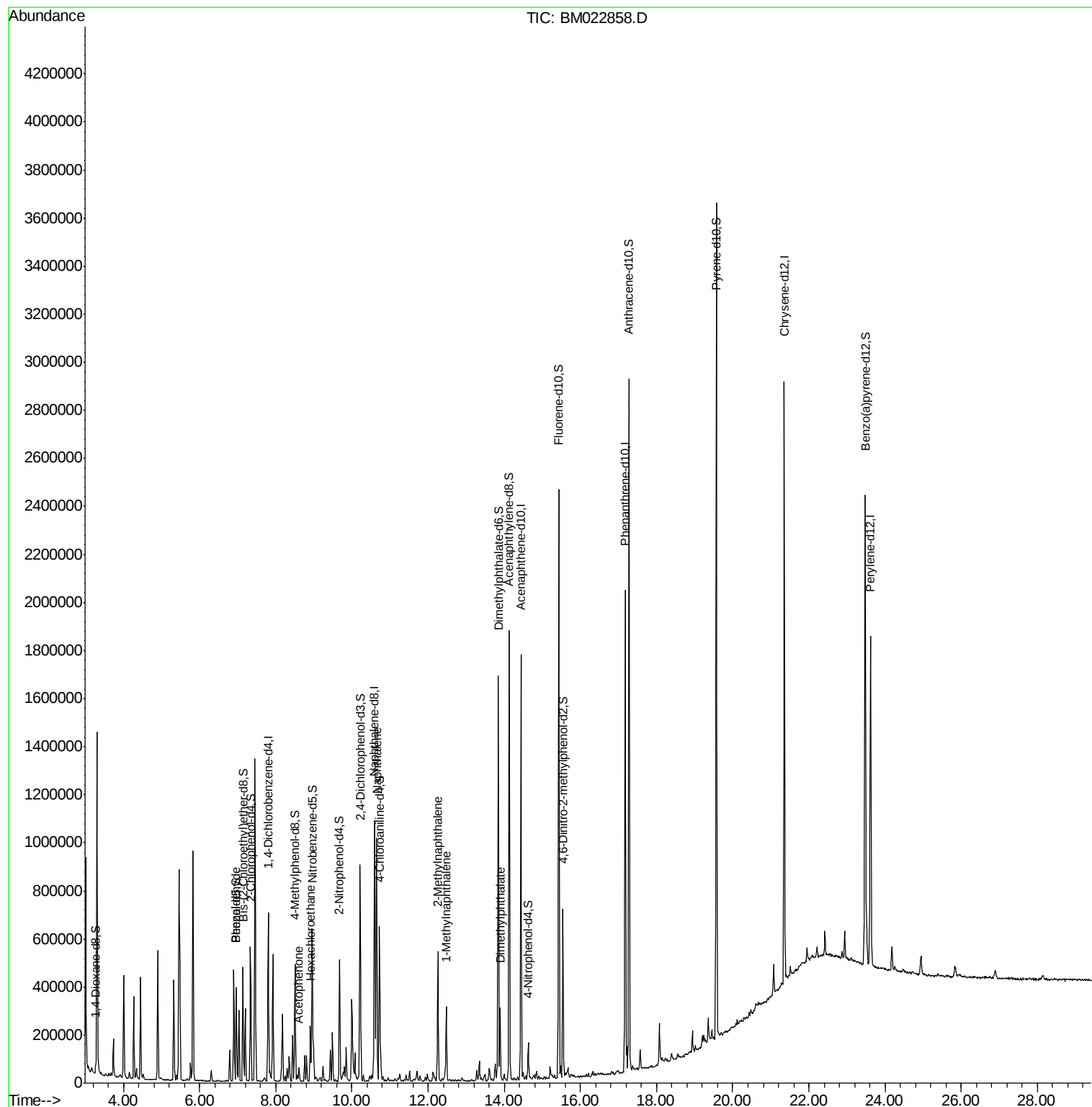
Target Compounds				Ovalue		
4) Benzaldehyde	6.96	77	18933	2.521	ng/ul#	1
14) Acetophenone	8.61	105	44033	2.123	ng/ul#	40
17) Hexachloroethane	8.91	117	29241	5.376	ng/ul#	6
28) Naphthalene	10.65	128	786499	16.647	ng/ul	99
34) 2-Methylnaphthalene	12.26	142	240727	6.796	ng/ul	100
35) 1-Methylnaphthalene	12.47	142	142255	4.205	ng/ul	100
45) Dimethylphthalate	13.89	163	187141	4.155	ng/ul	99

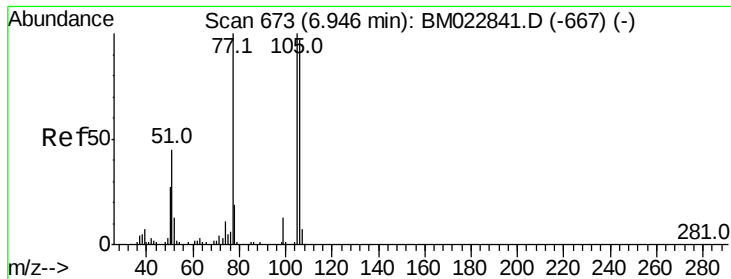
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#4

Benzaldehyde

Concen: 2.521 ng/ul

RT: 6.96 min Scan# 675

Delta R.T. 0.01 min

Lab File: BM022858.D

Acq: 01 Oct 2019 17:26

Instrument :

BNA_M

ClientSampled :

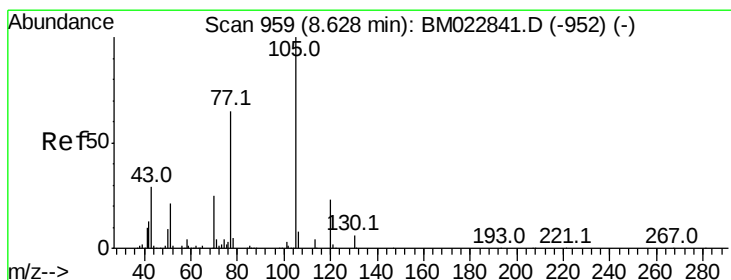
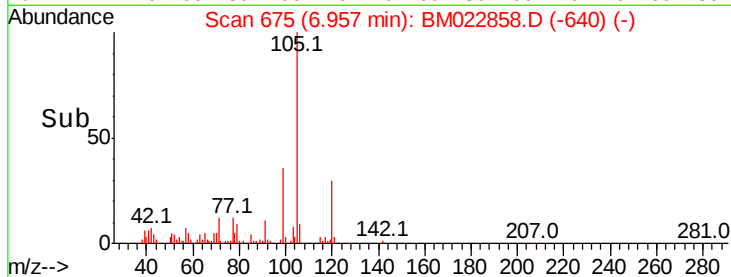
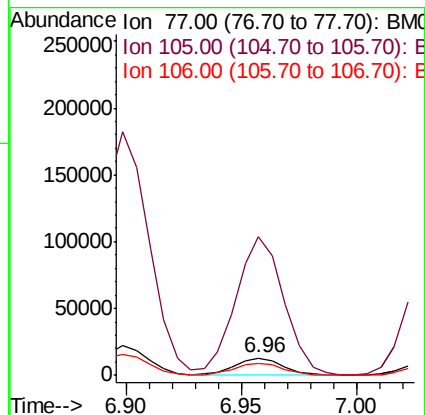
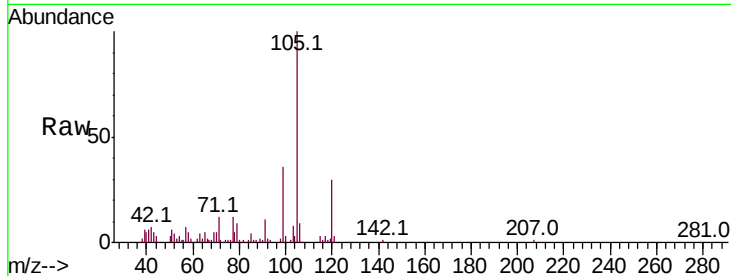
Tot Ion: 77 Resp: 18933

Ion Ratio Lower Upper

77 100

105 813.2 80.6 120.8#

106 72.1 77.0 115.6#



#14

Acetophenone

Concen: 2.123 ng/ul

RT: 8.61 min Scan# 956

Delta R.T. -0.02 min

Lab File: BM022858.D

Acq: 01 Oct 2019 17:26

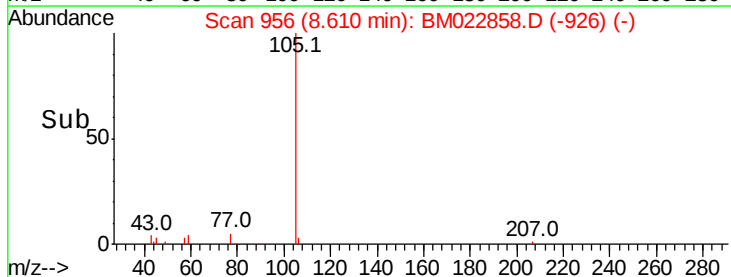
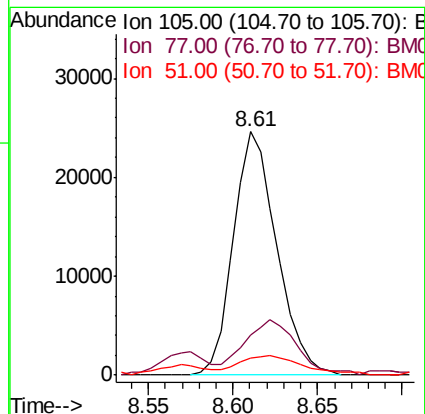
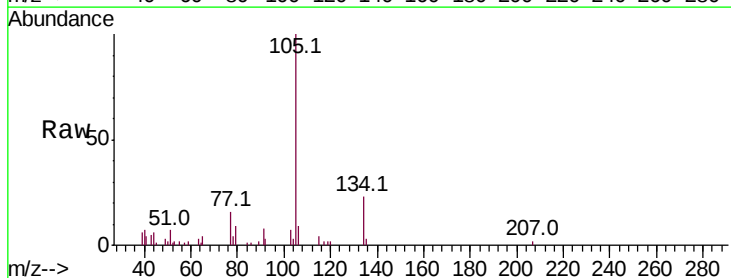
Tgt Ion: 105 Resp: 44033

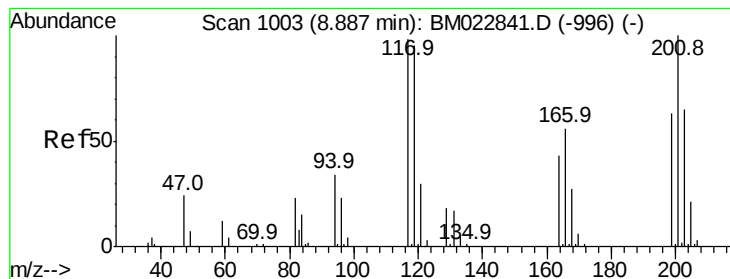
Ion Ratio Lower Upper

105 100

77 16.5 59.4 89.0#

51 6.8 19.4 29.0#





#17

Hexachloroethane

Concen: 5.376 ng/ul

RT: 8.91 min Scan# 1007

Delta R.T. 0.02 min

Lab File: BM022858.D

Acq: 01 Oct 2019 17:26

Instrument :

BNA_M

ClientSampleId :

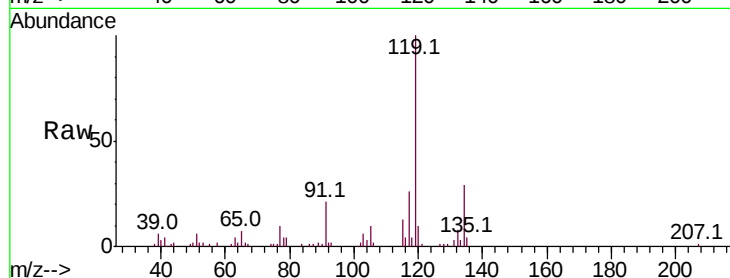
Tot Ion:117 Resp: 29241

Ion Ratio Lower Upper

117 100

201 0.0 82.5 123.7#

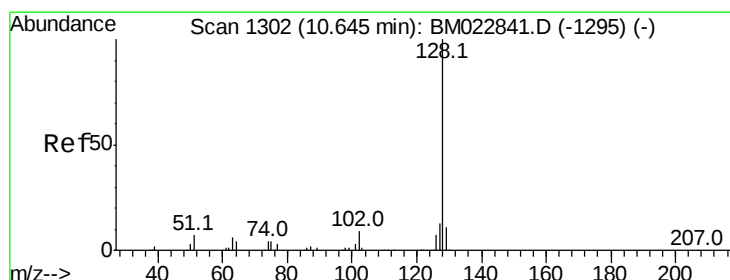
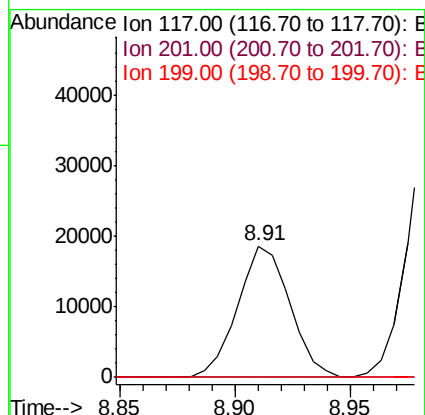
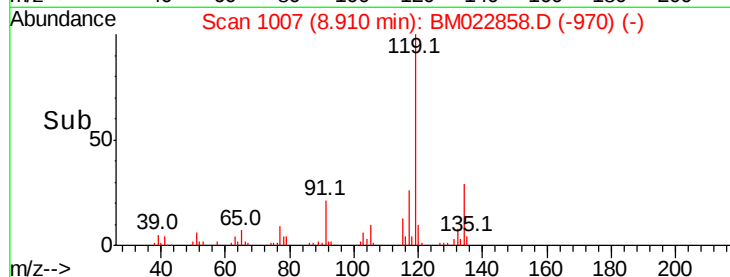
199 0.0 51.6 77.4#



Abundance Ion 117.00 (116.70 to 117.70): E

Ion 201.00 (200.70 to 201.70): E

Ion 199.00 (198.70 to 199.70): E



#28

Naphthalene

Concen: 16.647 ng/ul

RT: 10.65 min Scan# 1302

Delta R.T. -0.01 min

Lab File: BM022858.D

Acq: 01 Oct 2019 17:26

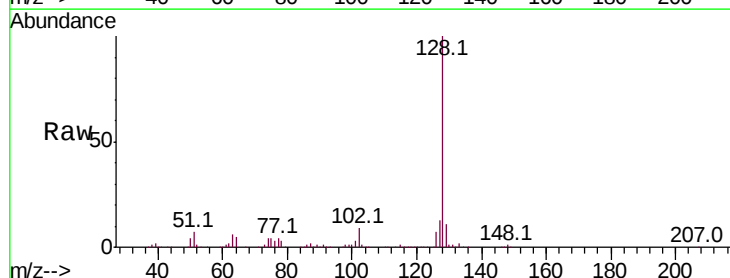
Tgt Ion:128 Resp: 786499

Ion Ratio Lower Upper

128 100

129 11.0 8.6 13.0

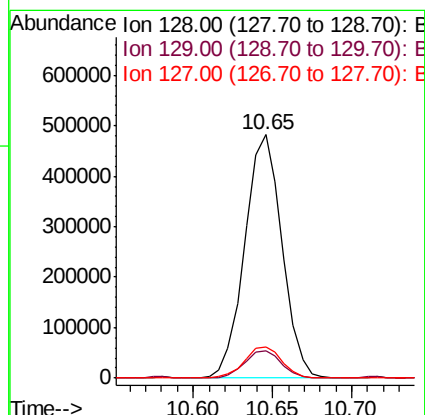
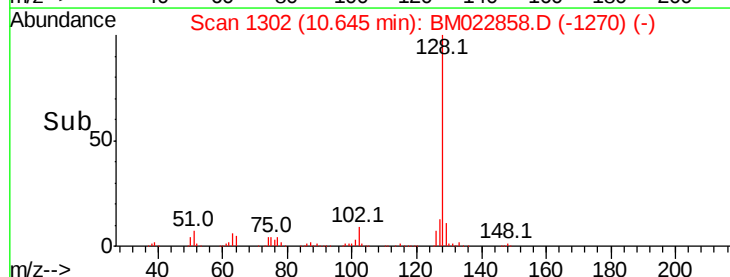
127 13.1 10.2 15.4

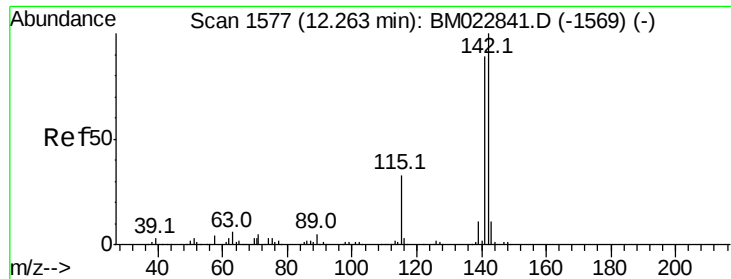


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

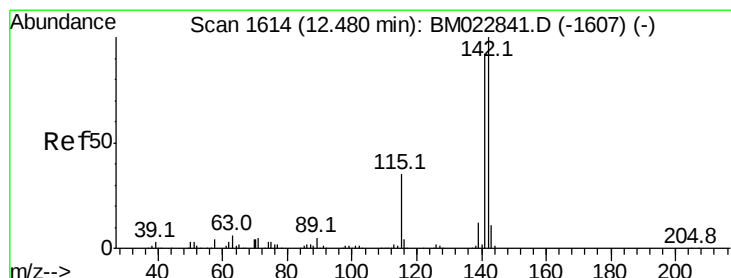
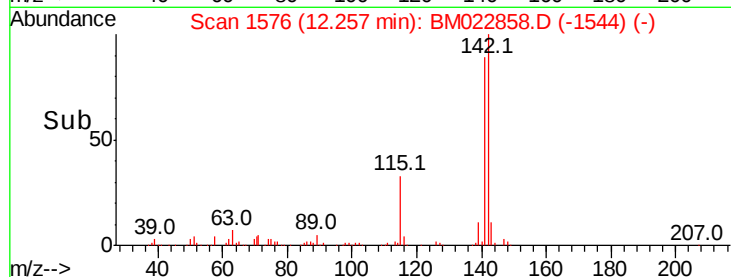
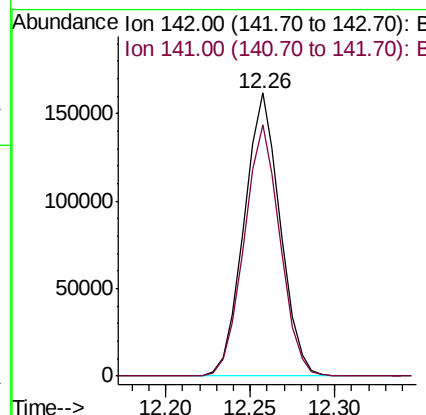
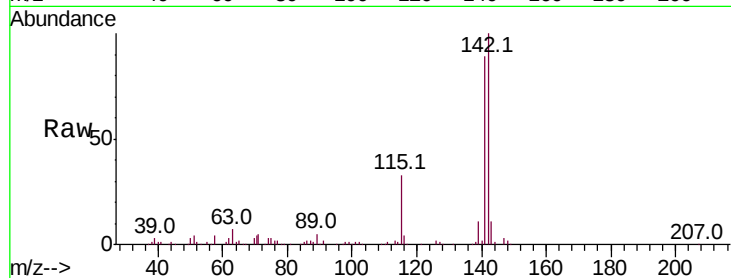




#34
2-Methylnaphthalene
Concen: 6.796 ng/ul
RT: 12.26 min Scan# 1576
Delta R.T. -0.01 min
Lab File: BM022858.D
Acq: 01 Oct 2019 17:26

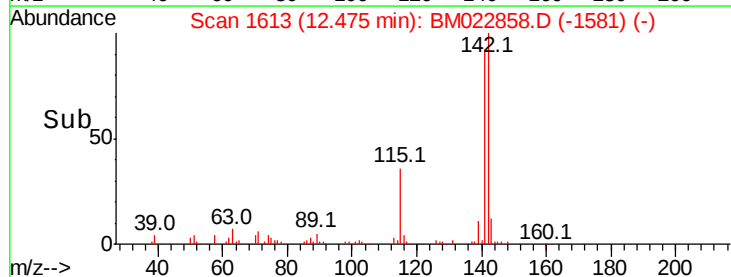
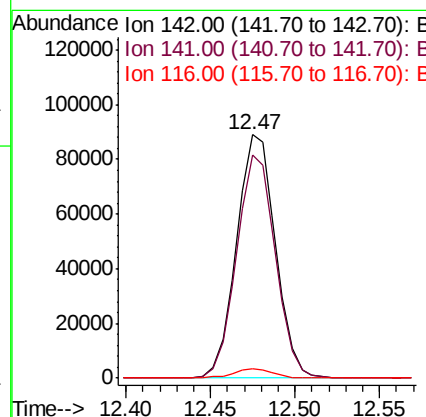
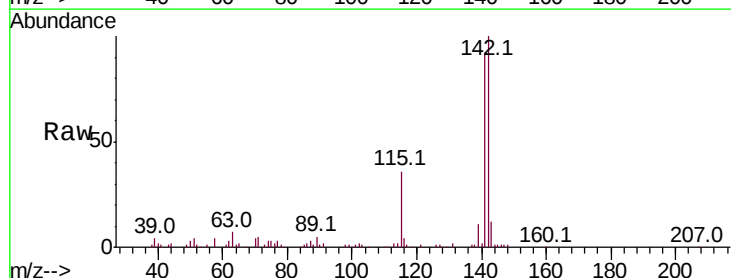
Instrument :
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ClientSampleId :

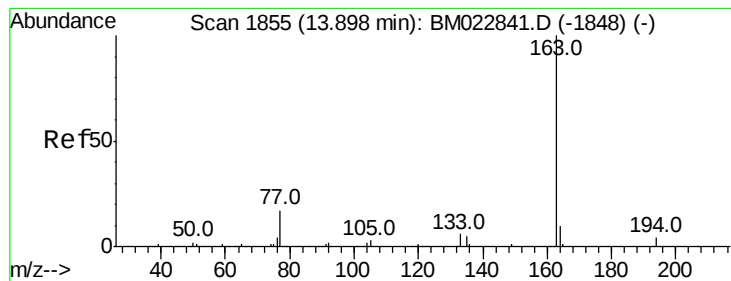
Tot Ion:142 Resp: 240727
Ion Ratio Lower Upper
142 100
141 88.6 71.2 106.8



#35
1-Methylnaphthalene
Concen: 4.205 ng/ul
RT: 12.47 min Scan# 1613
Delta R.T. -0.01 min
Lab File: BM022858.D
Acq: 01 Oct 2019 17:26

Tgt Ion:142 Resp: 142255
Ion Ratio Lower Upper
142 100
141 91.5 73.0 109.6
116 4.1 2.9 4.3





#45

Dimethylphthalate

Concen: 4.155 ng/ul

RT: 13.89 min Scan# 1854

Delta R.T. -0.01 min

Lab File: BM022858.D

Acq: 01 Oct 2019 17:26

Instrument :

BNA_M

ClientSampleId :

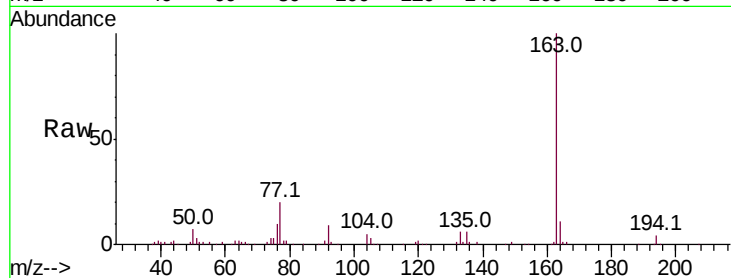
Tot Ion:163 Resp: 187141

Ion Ratio Lower Upper

163 100

194 3.9 3.4 5.0

164 10.6 8.1 12.1



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

