

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM100119\
 Data File : BM022873.D
 Acq On : 02 Oct 2019 03:09
 Operator : JU
 Sample : K4983-12
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BFDJ5

Quant Time: Oct 02 14:01:38 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	292180	20.00	ng/ul	0.00
18) Naphthalene-d8	10.59	136	1258771	20.00	ng/ul	-0.01
36) Acenaphthene-d10	14.44	164	743030	20.00	ng/ul	-0.01
62) Phenanthrene-d10	17.17	188	1310445	20.00	ng/ul	-0.01
78) Chrysene-d12	21.35	240	979815	20.00	ng/ul	-0.02
86) Perylene-d12	23.62	264	1121111	20.00	ng/ul	-0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.28	96	33754	5.00	ng/uL	0.00
5) Phenol-d5	6.97	99	117838	4.56	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.13	67	249734	17.68	ng/ul	-0.01
9) 2-Chlorophenol-d4	7.33	132	302425	14.55	ng/ul	-0.01
13) 4-Methylphenol-d8	8.50	113	206725	9.78	ng/ul	-0.01
19) Nitrobenzene-d5	8.96	128	177187	18.24	ng/ul	0.00
22) 2-Nitrophenol-d4	9.68	143	191094	18.01	ng/ul	-0.01
26) 2,4-Dichlorophenol-d3	10.21	165	347729	16.46	ng/ul	-0.02
29) 4-Chloroaniline-d4	10.72	131	348921	13.60	ng/ul	-0.01
44) Dimethylphthalate-d6	13.85	166	1128268	19.57	ng/ul	-0.01
47) Acenaphthylene-d8	14.13	160	1247712	18.74	ng/ul	-0.01
52) 4-Nitrophenol-d4	14.63	143	44233	3.88	ng/ul	-0.01
58) Fluorene-d10	15.43	176	920412	18.73	ng/ul	-0.01
63) 4,6-Dinitro-2-methylphenol	15.55	200	155054	18.18	ng/ul	-0.01
71) Anthracene-d10	17.27	188	1428600	22.32	ng/ul	-0.01
79) Pyrene-d10	19.57	212	1430008	27.12	ng/ul	-0.01
90) Benzo(a)pyrene-d12	23.47	264	1354733	23.36	ng/ul	-0.03

Target Compounds

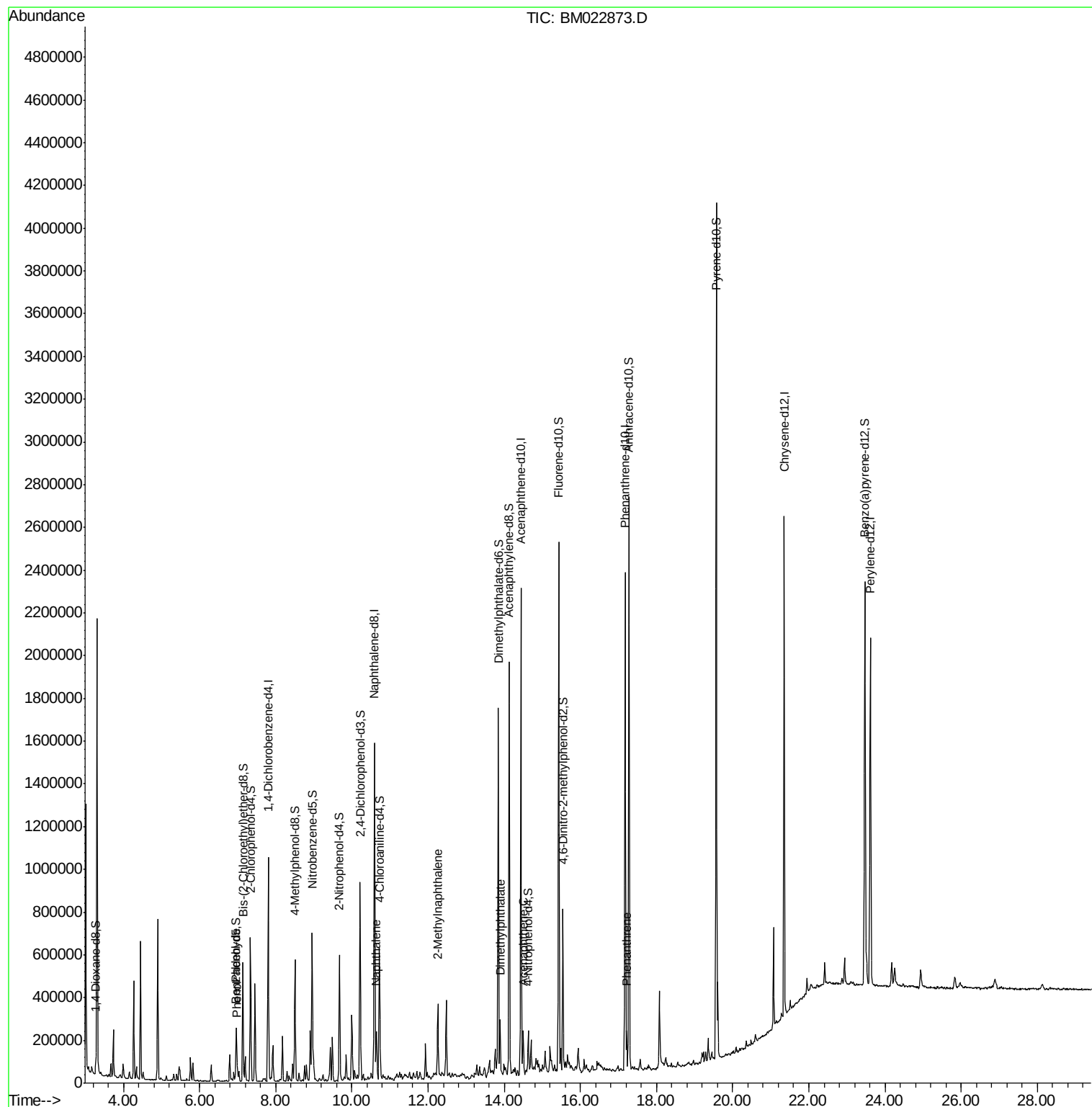
					Qvalue
4) Benzaldehyde	6.95	77	21767	1.860 ng/ul#	60
6) Phenol	6.99	94	31518	1.165 ng/ul	97
28) Naphthalene	10.64	128	151329	2.226 ng/ul	98
34) 2-Methylnaphthalene	12.26	142	162175	3.182 ng/ul	99
45) Dimethylphthalate	13.89	163	157921	2.666 ng/ul	99
50) Acenaphthene	14.50	153	80862	1.615 ng/ul	99
70) Phenanthrene	17.22	178	103957	1.329 ng/ul	99

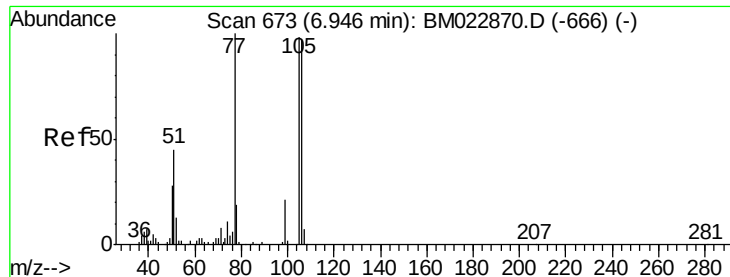
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM100119\
Data File : BM022873.D
Acq On : 02 Oct 2019 03:09
Operator : JU
Sample : K4983-12
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BFDJ5

Quant Time: Oct 02 14:01:38 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





#4

Benzaldehyde

Concen: 1.860 ng/ul

RT: 6.95 min Scan# 673

Delta R.T. -0.01 min

Lab File: BM022873.D

Acq: 02 Oct 2019 03:09

Instrument :

BNA_M

ClientSampleId :

BFDJ5

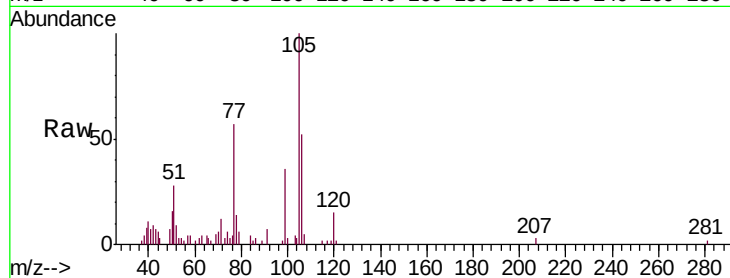
Tgt Ion: 77 Resp: 21767

Ion Ratio Lower Upper

77 100

105 174.5 80.6 120.8#

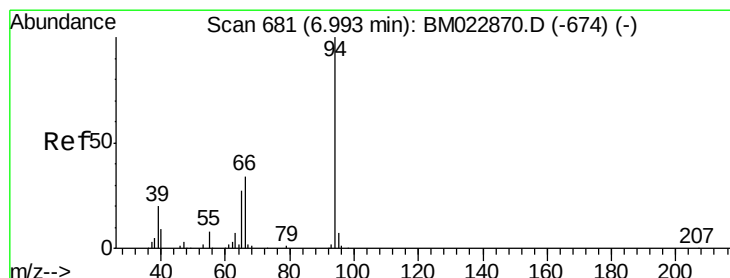
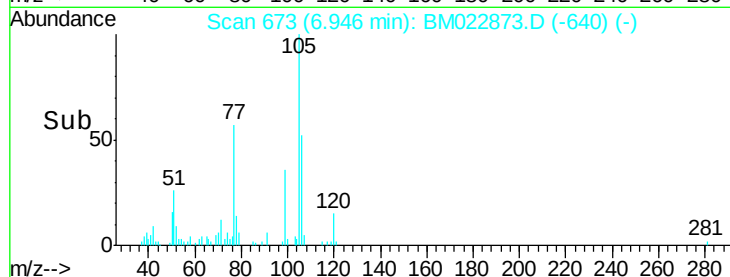
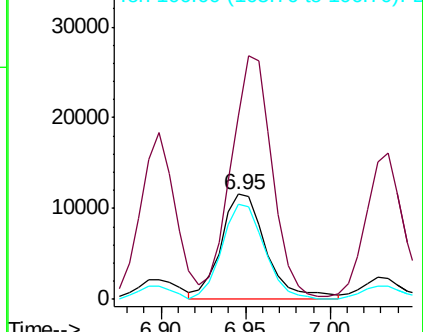
106 90.4 77.0 115.6



Abundance Ion 77.00 (76.70 to 77.70): BM022873.D (-640) (-)

Ion 105.00 (104.70 to 105.70): BM022873.D (-640) (-)

Ion 106.00 (105.70 to 106.70): BM022873.D (-640) (-)



#6

Phenol

Concen: 1.165 ng/ul

RT: 6.99 min Scan# 681

Delta R.T. -0.01 min

Lab File: BM022873.D

Acq: 02 Oct 2019 03:09

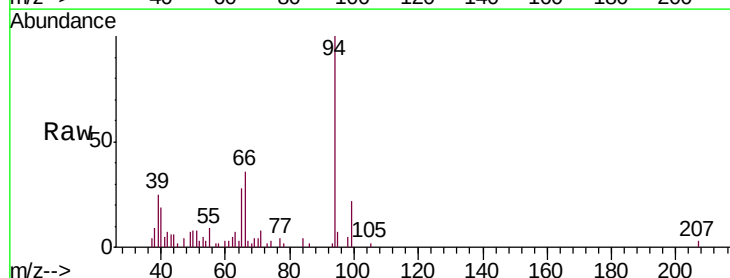
Tgt Ion: 94 Resp: 31518

Ion Ratio Lower Upper

94 100

65 27.7 20.9 31.3

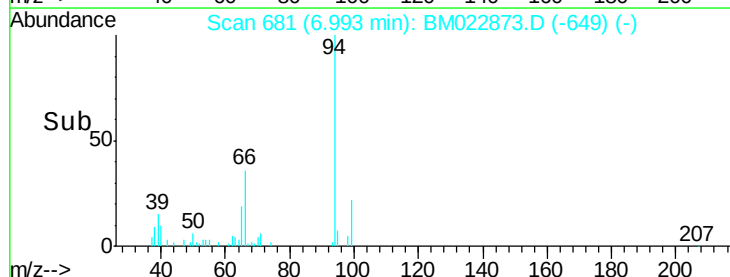
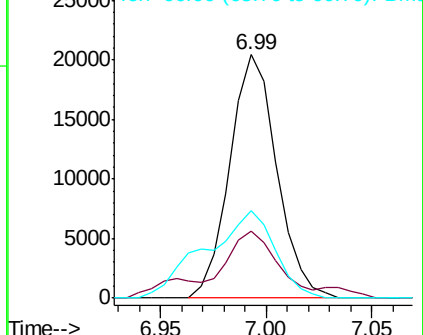
66 35.9 27.2 40.8

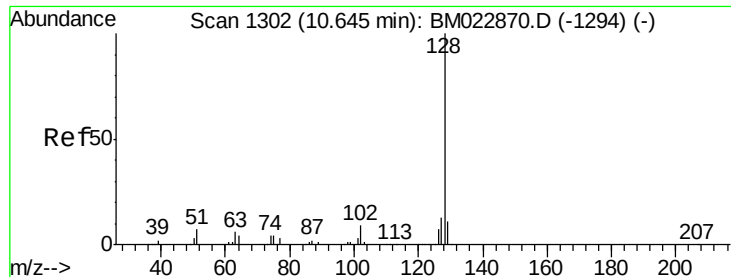


Abundance Ion 94.00 (93.70 to 94.70): BM022873.D (-649) (-)

Ion 65.00 (64.70 to 65.70): BM022873.D (-649) (-)

Ion 66.00 (65.70 to 66.70): BM022873.D (-649) (-)

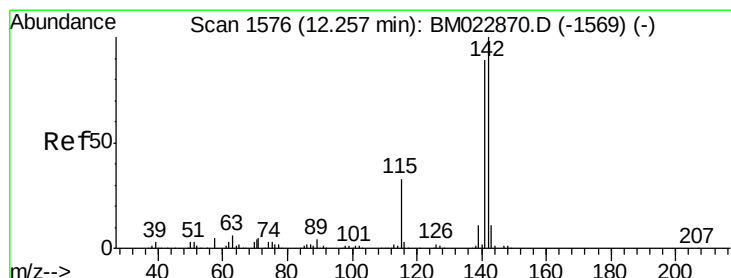
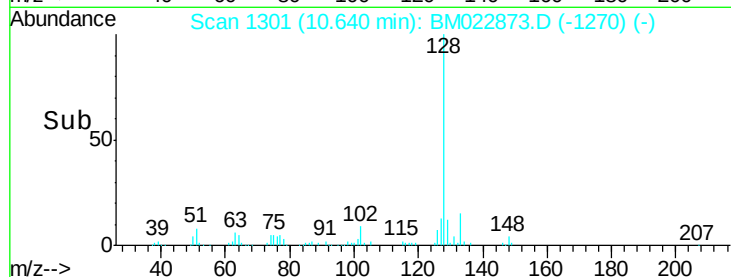
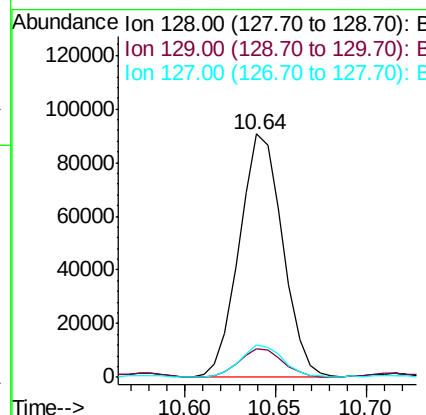
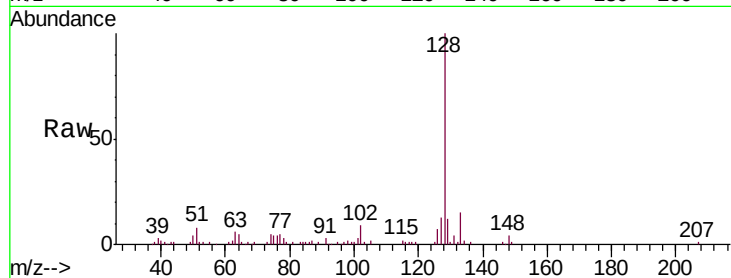




#28
Naphthalene
Concen: 2.226 ng/ul
RT: 10.64 min Scan# 1301
Delta R.T. -0.02 min
Lab File: BM022873.D
Acq: 02 Oct 2019 03:09

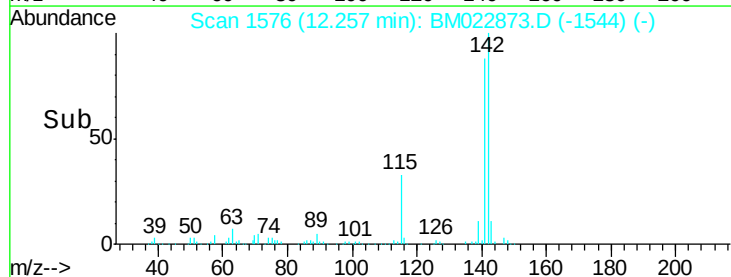
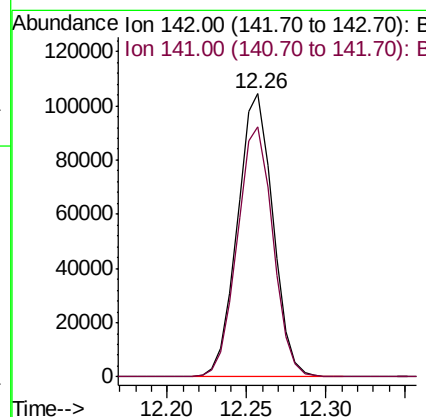
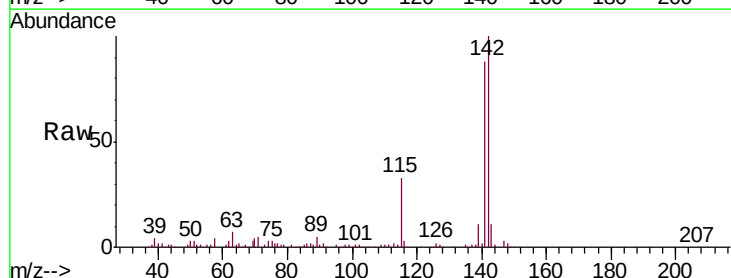
Instrument :
BNA_M
ClientSampleId :
BFDJ5

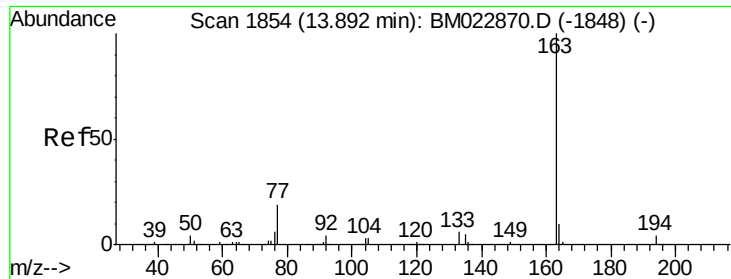
Tgt Ion:128 Resp: 151329
Ion Ratio Lower Upper
128 100
129 11.8 8.6 13.0
127 13.4 10.2 15.4



#34
2-Methylnaphthalene
Concen: 3.182 ng/ul
RT: 12.26 min Scan# 1576
Delta R.T. -0.01 min
Lab File: BM022873.D
Acq: 02 Oct 2019 03:09

Tgt Ion:142 Resp: 162175
Ion Ratio Lower Upper
142 100
141 88.2 71.2 106.8





#45

Dimethylphthalate

Concen: 2.666 ng/ul

RT: 13.89 min Scan# 1854

Delta R.T. -0.01 min

Lab File: BM022873.D

Acq: 02 Oct 2019 03:09

Instrument :

BNA_M

ClientSampleId :

BFDJ5

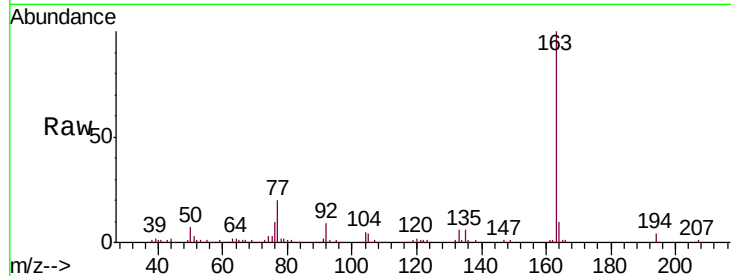
Tgt Ion:163 Resp: 157921

Ion Ratio Lower Upper

163 100

194 4.3 3.4 5.0

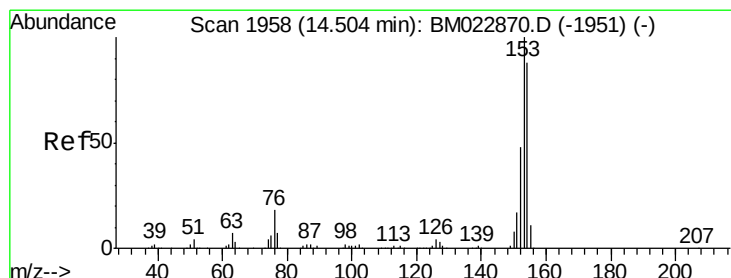
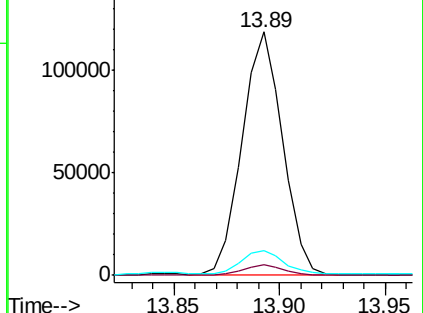
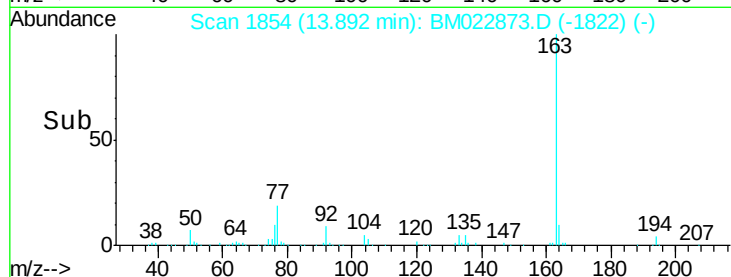
164 10.4 8.1 12.1



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



#50

Acenaphthene

Concen: 1.615 ng/ul

RT: 14.50 min Scan# 1957

Delta R.T. -0.02 min

Lab File: BM022873.D

Acq: 02 Oct 2019 03:09

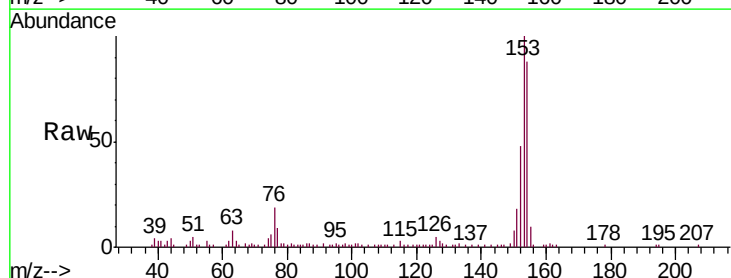
Tgt Ion:153 Resp: 80862

Ion Ratio Lower Upper

153 100

152 48.0 38.1 57.1

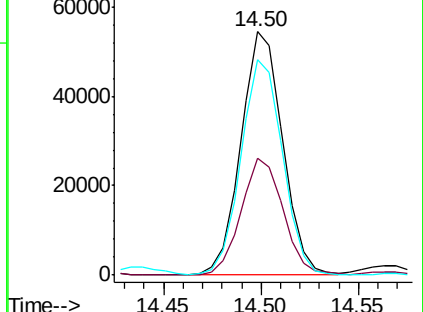
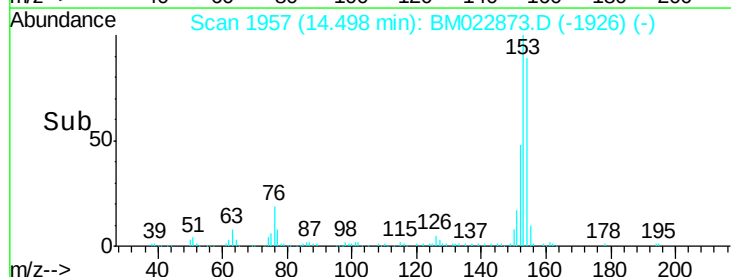
154 88.3 71.1 106.7

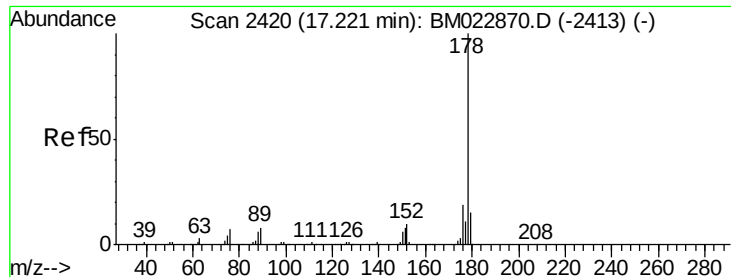


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#70

Phenanthrene

Concen: 1.329 ng/ul

RT: 17.22 min Scan# 2419

Delta R.T. -0.01 min

Lab File: BM022873.D

Acq: 02 Oct 2019 03:09

Instrument :

BNA_M

ClientSampleId :

BFDJ5

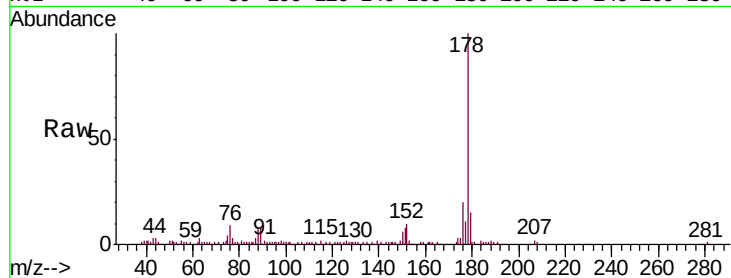
Tgt Ion:178 Resp: 103957

Ion Ratio Lower Upper

178 100

179 15.3 12.4 18.6

176 19.8 15.3 22.9



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

