

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102919\
 Data File : BM023442.D
 Acq On : 29 Oct 2019 14:45
 Operator : JU
 Sample : K5423-09
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BE4H3

Quant Time: Oct 30 07:41:40 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102319MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Oct 30 07:08:35 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	459094	20.00	ng/ul	-0.02
18) Naphthalene-d8	10.40	136	1836345	20.00	ng/ul	-0.02
36) Acenaphthene-d10	14.27	164	1109193	20.00	ng/ul	-0.01
62) Phenanthrene-d10	17.02	188	2187345	20.00	ng/ul	-0.01
78) Chrysene-d12	21.22	240	2211530	20.00	ng/ul	-0.01
86) Perylene-d12	23.41	264	2593183	20.00	ng/ul	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
3) 1,4-Dioxane-d8	3.15	96	56841	5.88	ng/uL	0.00
5) Phenol-d5	6.80	99	297086	7.71	ng/ul	-0.01
7) Bis-(2-Chloroethyl)ether-d	6.96	67	624690	27.64	ng/ul	-0.02
9) 2-Chlorophenol-d4	7.16	132	738848	24.51	ng/ul	-0.01
13) 4-Methylphenol-d8	8.34	113	510158	16.29	ng/ul	-0.01
19) Nitrobenzene-d5	8.77	128	419140	30.32	ng/ul	-0.01
22) 2-Nitrophenol-d4	9.49	143	471436	30.74	ng/ul	-0.02
26) 2,4-Dichlorophenol-d3	10.03	165	841203	27.91	ng/ul	-0.01
29) 4-Chloroaniline-d4	10.53	131	8543	0.25	ng/ul	-0.03
44) Dimethylphthalate-d6	13.69	166	2610820	31.00	ng/ul	-0.01
47) Acenaphthylene-d8	13.96	160	3024440	31.34	ng/ul	-0.02
52) 4-Nitrophenol-d4	14.50	143	105643	7.24	ng/ul	0.00
58) Fluorene-d10	15.27	176	2195848	30.78	ng/ul	-0.02
63) 4,6-Dinitro-2-methylphenol	15.40	200	322540	23.68	ng/ul	-0.01
71) Anthracene-d10	17.12	188	3355510	32.46	ng/ul	-0.02
79) Pyrene-d10	19.42	212	3616214	29.73	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.27	264	4213516	31.90	ng/ul	-0.01

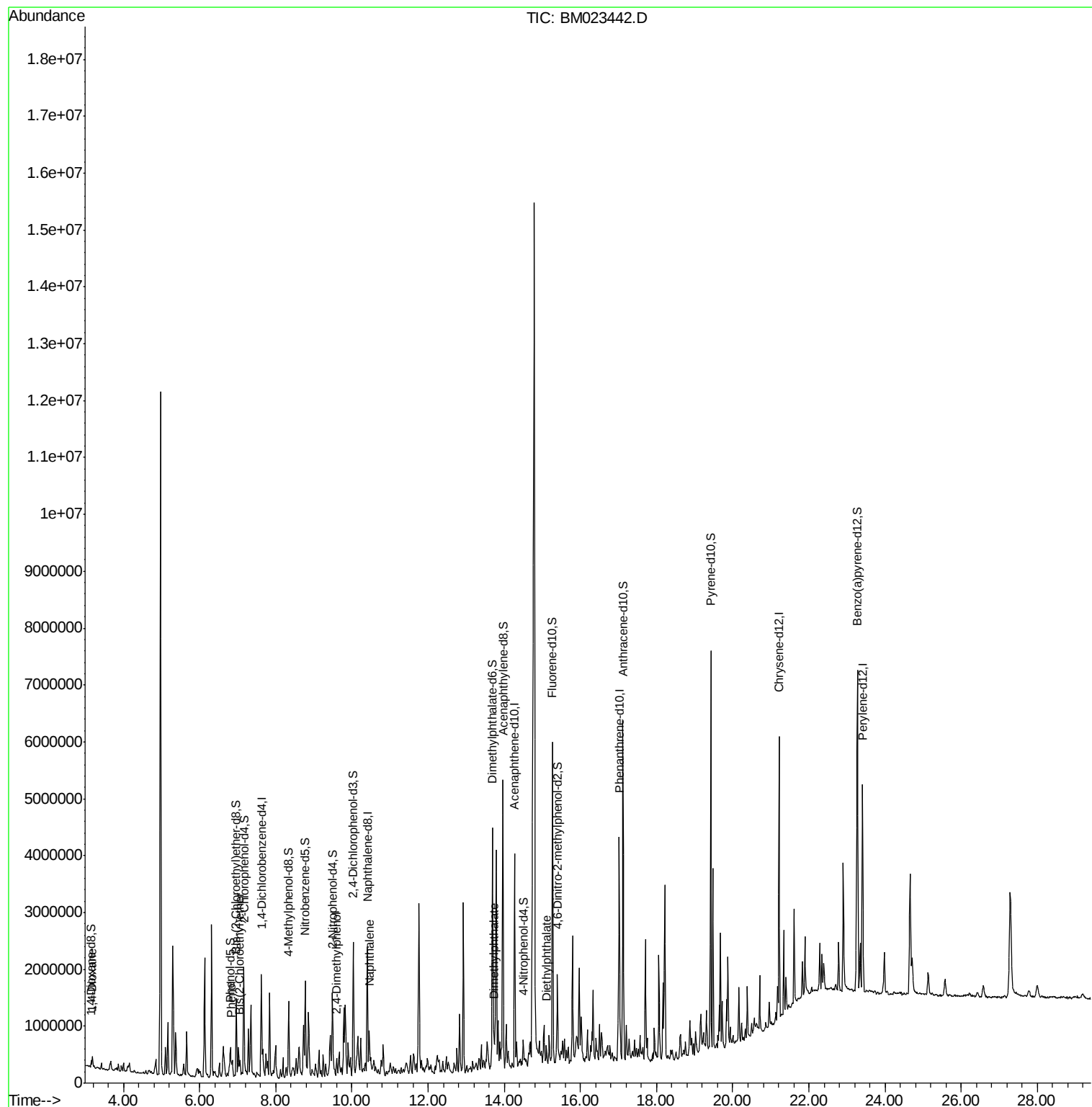
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) 1,4-Dioxane	3.19	88	95211	9.257	ng/uL	95
6) Phenol	6.83	94	115877	2.918	ng/ul	98
8) Bis(2-Chloroethyl)ether	7.06	93	142013	4.587	ng/ul	98
24) 2,4-Dimethylphenol	9.60	107	105926	3.061	ng/ul	96
28) Naphthalene	10.45	128	577199	6.133	ng/ul	99
45) Dimethylphthalate	13.74	163	164516	1.945	ng/ul#	97
57) Diethylphthalate	15.11	149	145483	1.705	ng/ul	99

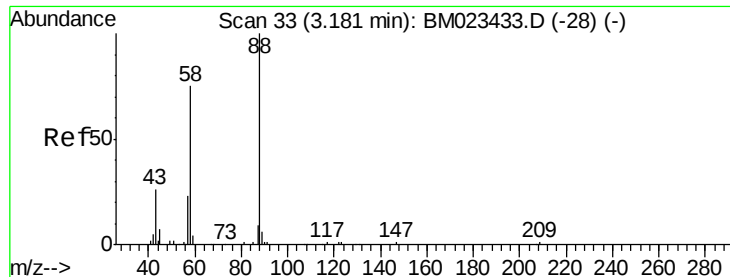
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration





#2

1,4-Dioxane

Concen: 9.257 ng/uL

RT: 3.19 min Scan# 34

Delta R.T. -0.01 min

Lab File: BM023442.D

Acq: 29 Oct 2019 14:45

Instrument :

BNA_M

ClientSampleId :

BE4H3

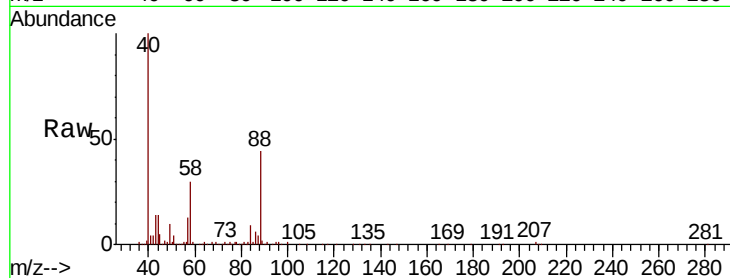
Tot Ion: 88 Resp: 95211

Ion Ratio Lower Upper

88 100

43 30.6 26.3 39.5

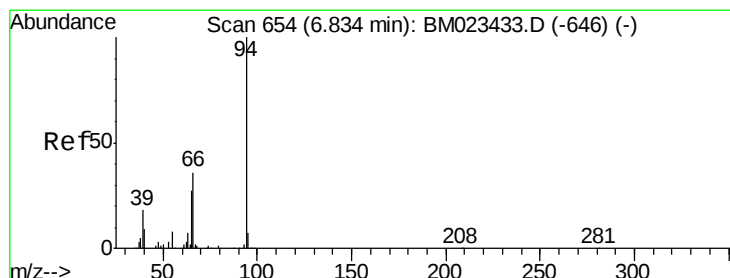
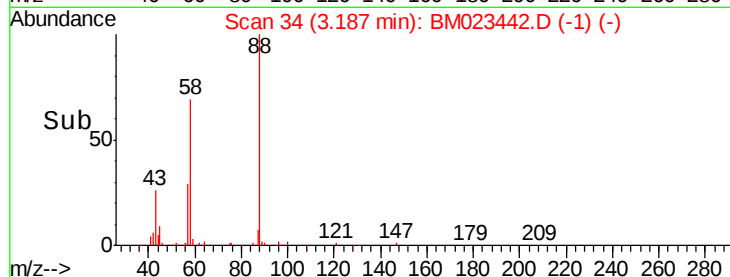
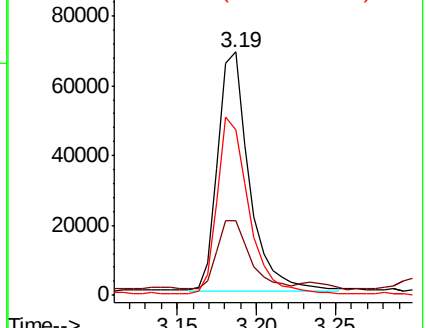
58 67.8 58.0 87.0



Abundance Ion 88.00 (87.70 to 88.70): BM0

Ion 43.00 (42.70 to 43.70): BM0

Ion 58.00 (57.70 to 58.70): BM0



#6

Phenol

Concen: 2.918 ng/uL

RT: 6.83 min Scan# 654

Delta R.T. -0.01 min

Lab File: BM023442.D

Acq: 29 Oct 2019 14:45

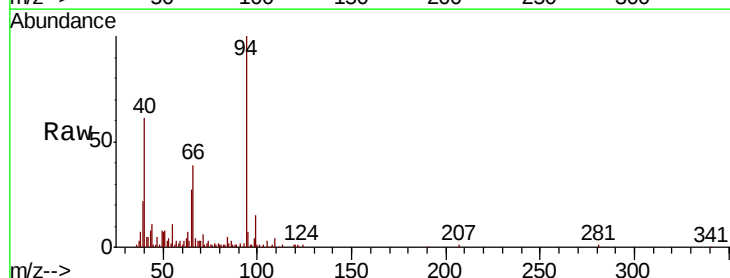
Tgt Ion: 94 Resp: 115877

Ion Ratio Lower Upper

94 100

65 26.7 22.9 34.3

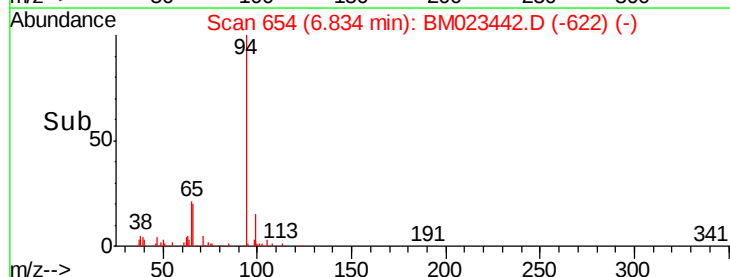
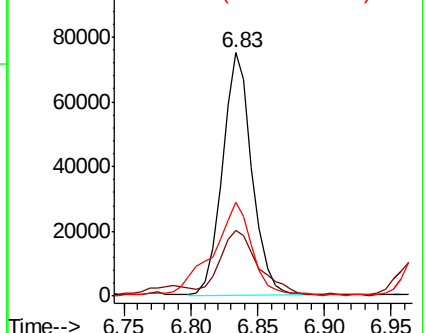
66 38.5 31.4 47.2

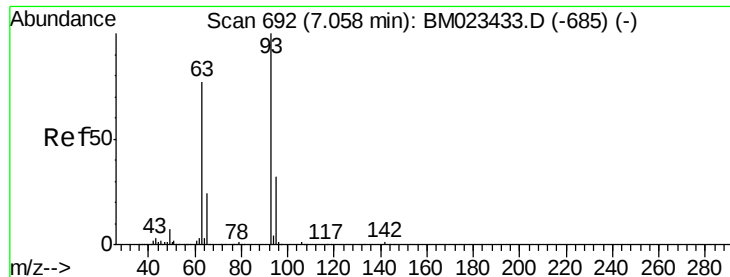


Abundance Ion 94.00 (93.70 to 94.70): BM0

Ion 65.00 (64.70 to 65.70): BM0

Ion 66.00 (65.70 to 66.70): BM0



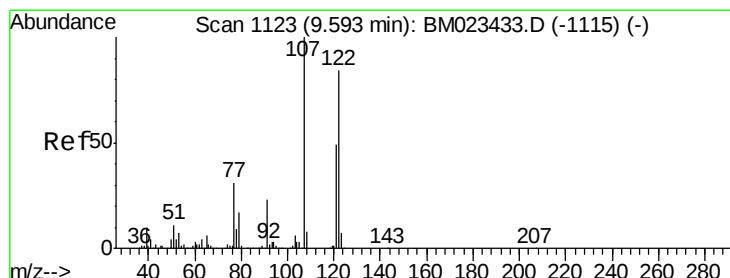
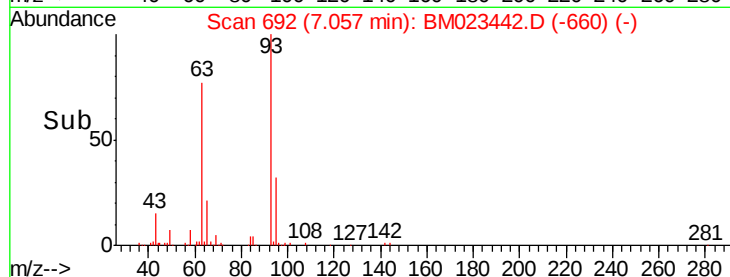
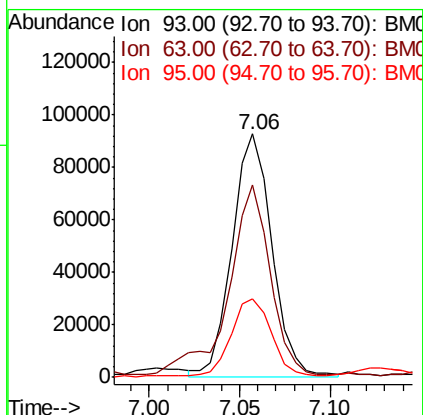
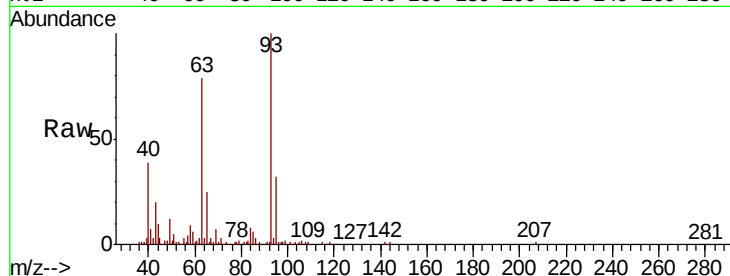


#8

Bis(2-Chloroethyl)ether
 Concen: 4.587 ng/ul
 RT: 7.06 min Scan# 692
 Delta R.T. -0.01 min
 Lab File: BM023442.D
 Acq: 29 Oct 2019 14:45

Instrument :
 BNA_M
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 BE4H3

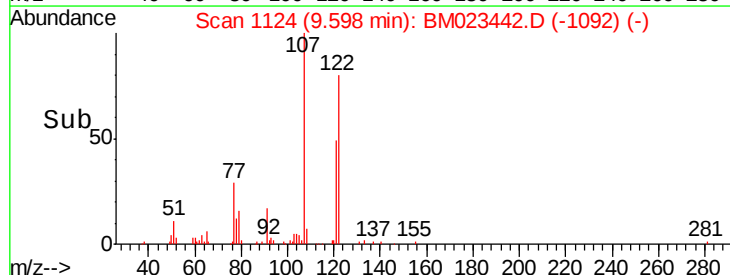
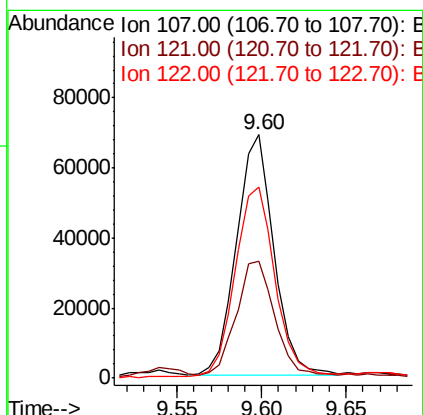
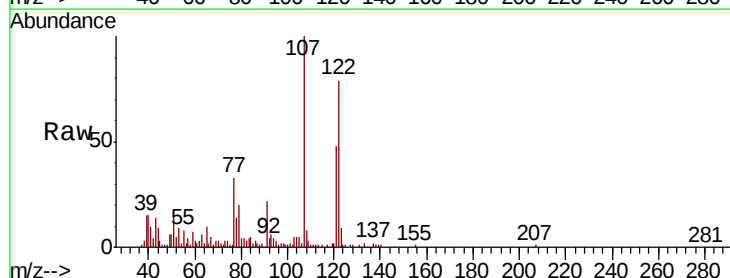
Tot Ion:	93	Resp:	142013
Ion	Ratio	Lower	Upper
93	100		
63	79.0	61.4	92.0
95	32.3	26.1	39.1

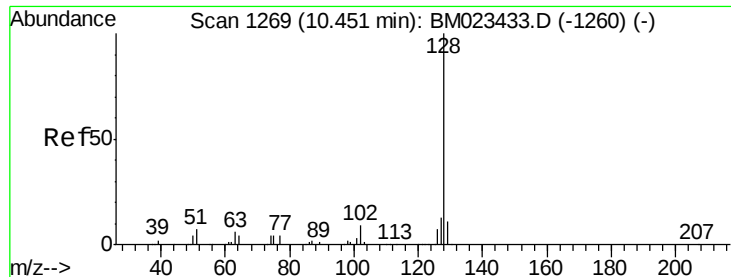


#24

2,4-Dimethylphenol
 Concen: 3.061 ng/ul
 RT: 9.60 min Scan# 1124
 Delta R.T. -0.01 min
 Lab File: BM023442.D
 Acq: 29 Oct 2019 14:45

Tgt Ion:	107	Resp:	105926
Ion	Ratio	Lower	Upper
107	100		
121	48.3	39.8	59.8
122	78.5	66.4	99.6





#28

Naphthalene

Concen: 6.133 ng/ul

RT: 10.45 min Scan# 1269

Delta R.T. -0.02 min

Lab File: BM023442.D

Acq: 29 Oct 2019 14:45

Instrument :

BNA_M

ClientSampleId :

BE4H3

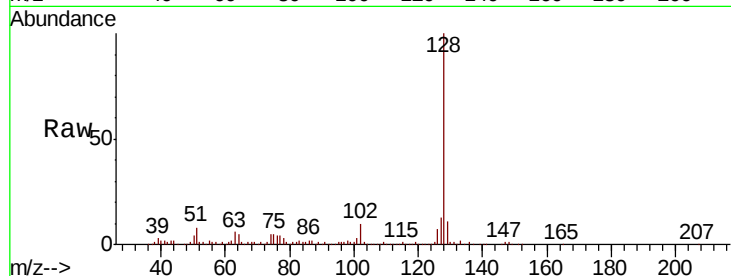
Tot Ion:128 Resp: 577199

Ion Ratio Lower Upper

128 100

129 11.2 8.8 13.2

127 12.6 10.4 15.6

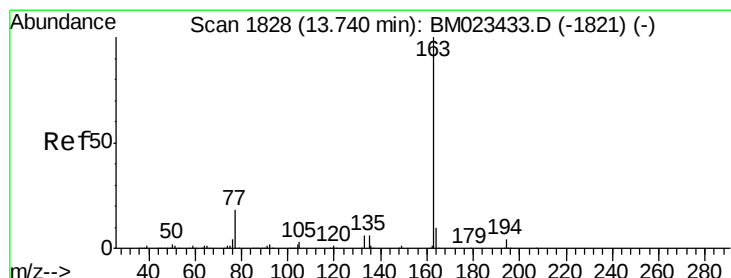
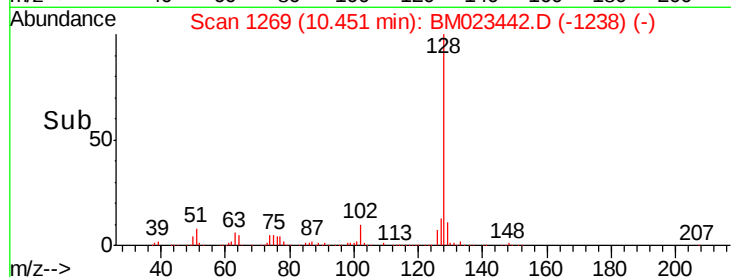
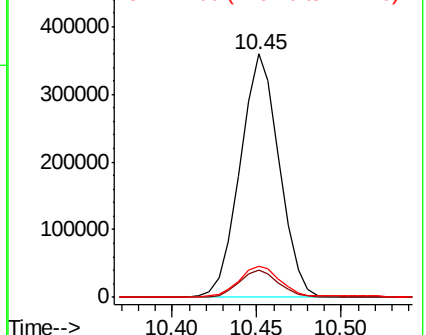


Abundance

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



#45

Dimethylphthalate

Concen: 1.945 ng/ul

RT: 13.74 min Scan# 1828

Delta R.T. -0.02 min

Lab File: BM023442.D

Acq: 29 Oct 2019 14:45

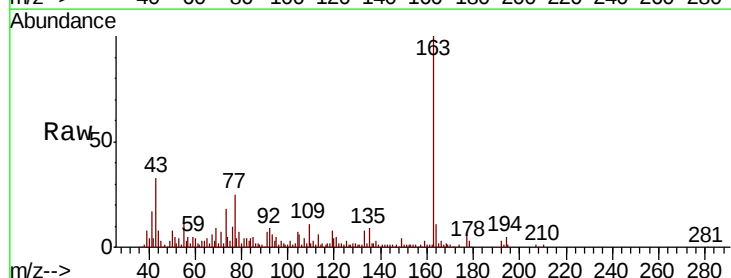
Tgt Ion:163 Resp: 164516

Ion Ratio Lower Upper

163 100

194 5.1 3.3 4.9#

164 10.8 7.9 11.9

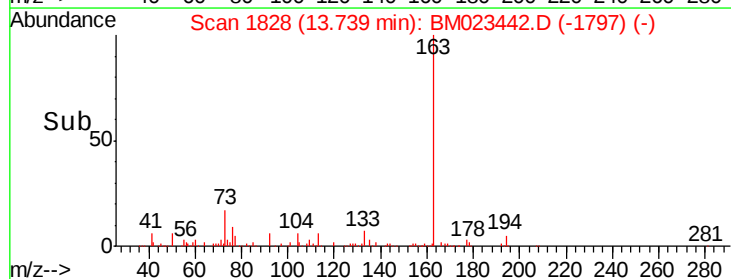
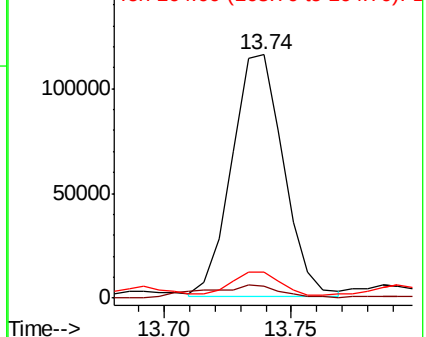


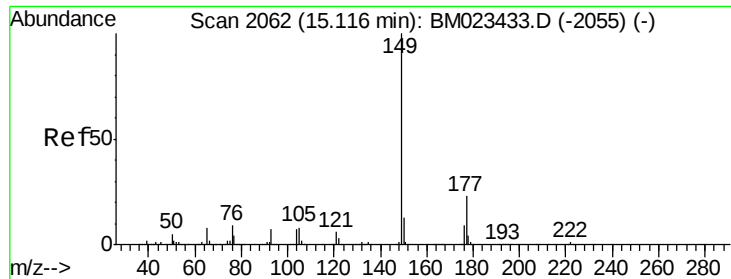
Abundance

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





#57
 Diethylphthalate
 Concen: 1.705 ng/ul
 RT: 15.11 min Scan# 2061
 Delta R.T. -0.02 min
 Lab File: BM023442.D
 Acq: 29 Oct 2019 14:45

Instrument :
 BNA_M
 ClientSampleId :
 BE4H3

Tot Ion	Ratio	Lower	Upper
149	100		
177	23.1	18.1	27.1
150	13.2	10.3	15.5

