

Data File : BM023711.D
Acq On : 13 Nov 2019 23:43
Operator : JU
Sample : K5678-15
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
JLMA0

Quant Time: Nov 14 01:18:42 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM11119MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Nov 14 01:13:45 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.54	152	483473	20.00	ng/ul	0.00
18) Naphthalene-d8	10.32	136	2182055	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.20	164	1428853	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.94	188	2805741	20.00	ng/ul	0.00
78) Chrysene-d12	21.15	240	1868412	20.00	ng/ul	0.00
86) Perylene-d12	23.31	264	2047837	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.08	96	27461	2.34	ng/uL	0.00
5) Phenol-d5	6.73	99	806398	18.30	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.89	67	450734	17.80	ng/ul	0.00
9) 2-Chlorophenol-d4	7.08	132	634949	19.89	ng/ul	0.00
13) 4-Methylphenol-d8	8.26	113	704127	20.03	ng/ul	0.00
19) Nitrobenzene-d5	8.69	128	335597	21.49	ng/ul	0.00
22) 2-Nitrophenol-d4	9.41	143	394882	24.05	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.95	165	757695	20.24	ng/ul	0.00
29) 4-Chloroaniline-d4	10.46	131	99156	2.41	ng/ul	0.00
44) Dimethylphthalate-d6	13.62	166	2281171	20.47	ng/ul	0.00
47) Acenaphthylene-d8	13.89	160	2675239	21.04	ng/ul	0.00
52) 4-Nitrophenol-d4	14.43	143	196545	10.33	ng/ul	0.01
58) Fluorene-d10	15.20	176	1954597	19.86	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.33	200	239589	14.76	ng/ul	0.00
71) Anthracene-d10	17.04	188	2728072	20.50	ng/ul	0.00
79) Pyrene-d10	19.35	212	2496090	25.62	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.18	264	2133554	19.80	ng/ul	0.00

Target Compounds

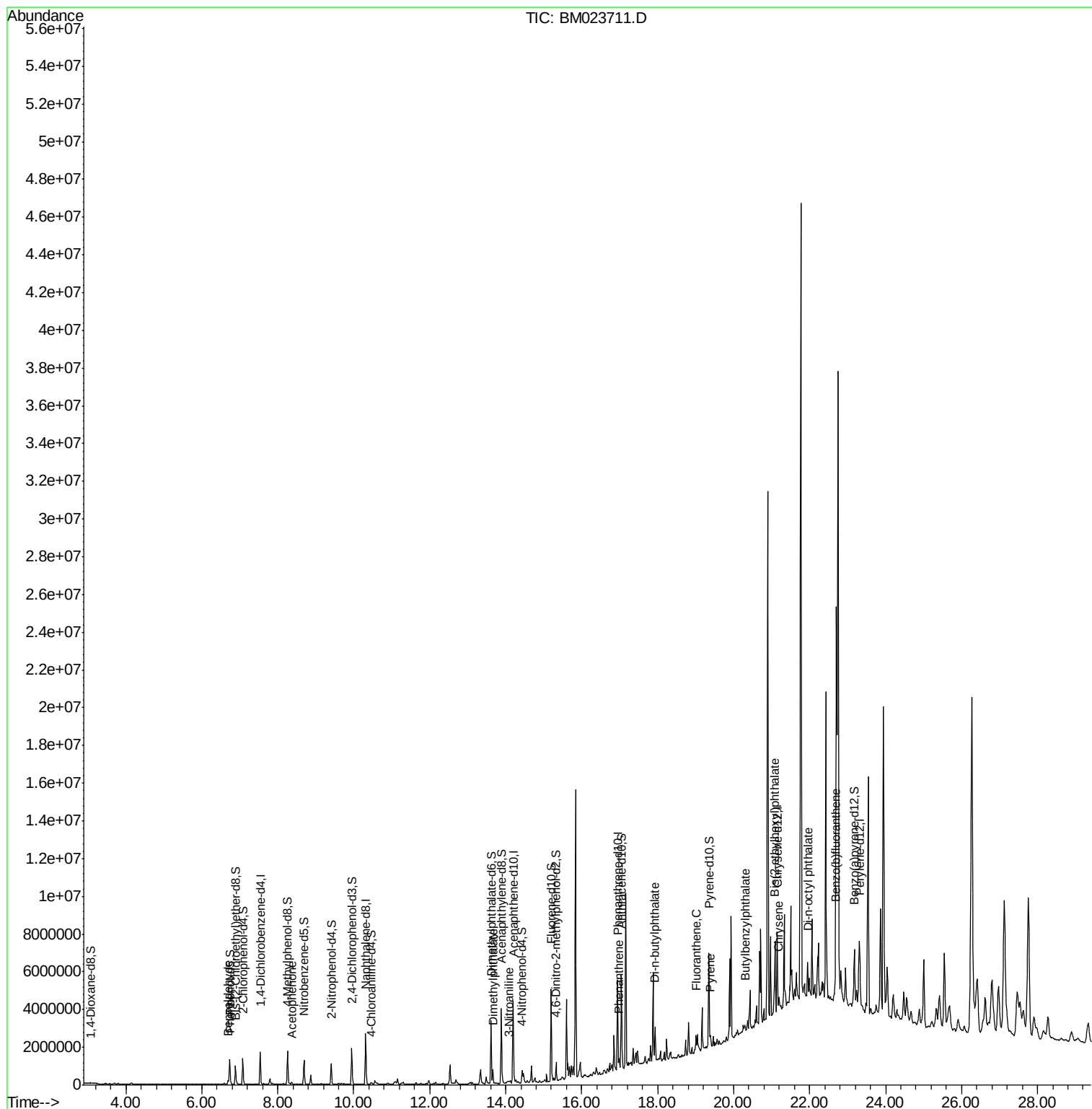
					Qvalue	
4) Benzaldehyde	6.69	77	82408	3.187	ng/ul	98
6) Phenol	6.76	94	67098	1.478	ng/ul	97
14) Acetophenone	8.36	105	64427	1.175	ng/ul	99
45) Dimethylphthalate	13.66	163	390496	3.576	ng/ul	100
49) 3-Nitroaniline	14.07	138	21688	1.147	ng/ul#	3
70) Phenanthrene	16.99	178	189493	1.226	ng/ul#	95
76) Di-n-butylphthalate	17.93	149	1128386	7.899	ng/ul	99
77) Fluoranthene	19.02	202	317773	1.919	ng/ul	98
80) Pyrene	19.38	202	300536	2.488	ng/ul	99
81) Butylbenzylphthalate	20.30	149	57140	1.494	ng/ul#	78
84) Bis(2-ethylhexyl)phthalate	21.09	149	1438599	24.910	ng/ul	99
85) Chrysene	21.19	228	122559	1.056	ng/ul#	92
87) Di-n-octyl phthalate	21.96	149	163760	1.636	ng/ul	100
88) Benzo(b)fluoranthene	22.67	252	150562	1.153	ng/ul#	47

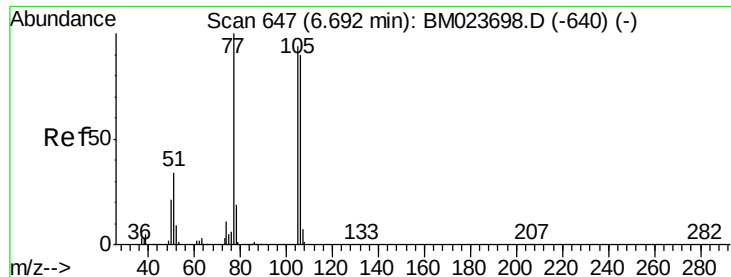
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration





#4

Benzaldehyde

Concen: 3.187 ng/ul

RT: 6.69 min Scan# 647

Delta R.T. -0.00 min

Lab File: BM023711.D

Acq: 13 Nov 2019 23:43

Instrument :

BNA_M

ClientSampleId :

JLMA0

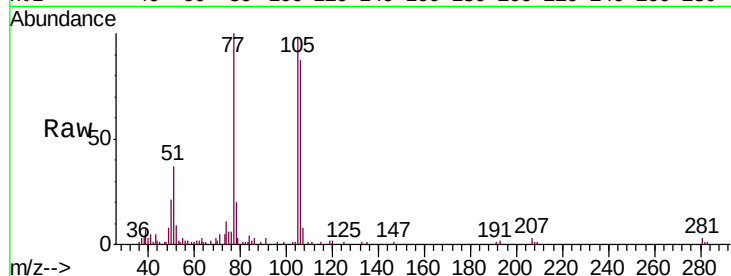
Tgt Ion: 77 Resp: 82408

Ion Ratio Lower Upper

77 100

105 98.0 75.9 113.9

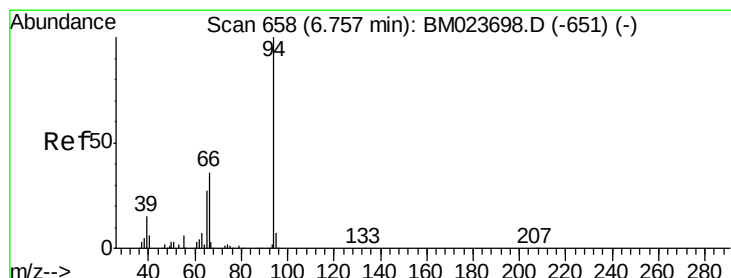
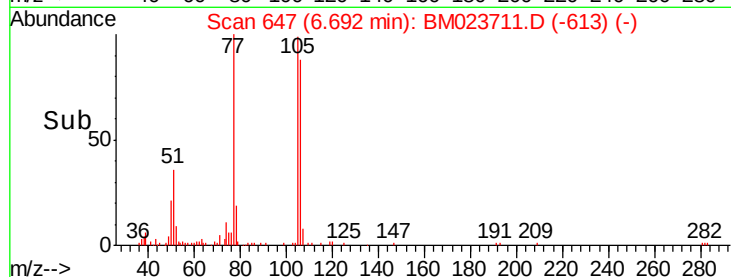
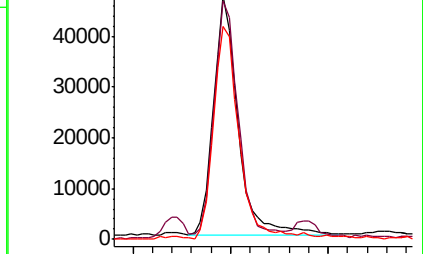
106 87.2 70.2 105.4



Abundance Ion 77.00 (76.70 to 77.70): BM023711.D (-613) (-)

Ion 105.00 (104.70 to 105.70): BM023711.D (-613) (-)

Ion 106.00 (105.70 to 106.70): BM023711.D (-613) (-)



#6

Phenol

Concen: 1.478 ng/ul

RT: 6.76 min Scan# 658

Delta R.T. -0.00 min

Lab File: BM023711.D

Acq: 13 Nov 2019 23:43

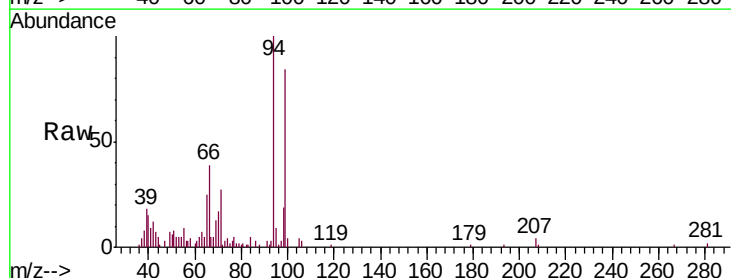
Tgt Ion: 94 Resp: 67098

Ion Ratio Lower Upper

94 100

65 24.6 21.4 32.2

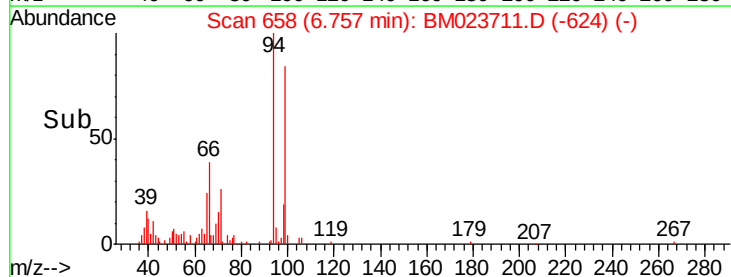
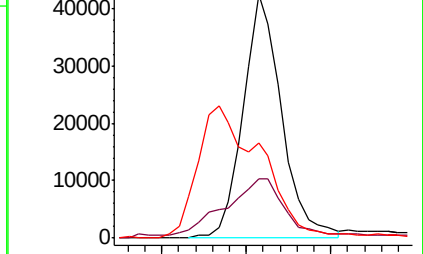
66 39.2 30.7 46.1

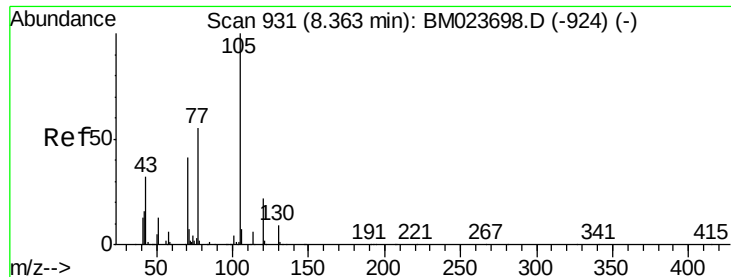


Abundance Ion 94.00 (93.70 to 94.70): BM023711.D (-624) (-)

Ion 65.00 (64.70 to 65.70): BM023711.D (-624) (-)

Ion 66.00 (65.70 to 66.70): BM023711.D (-624) (-)





#14

Acetophenone

Concen: 1.175 ng/ul

RT: 8.36 min Scan# 931

Delta R.T. -0.00 min

Lab File: BM023711.D

Acq: 13 Nov 2019 23:43

Instrument :

BNA_M

ClientSampleId :

JLMA0

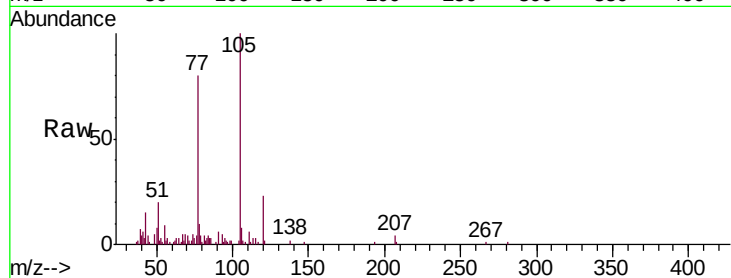
Tgt Ion:105 Resp: 64427

Ion Ratio Lower Upper

105 100

77 80.2 63.8 95.6

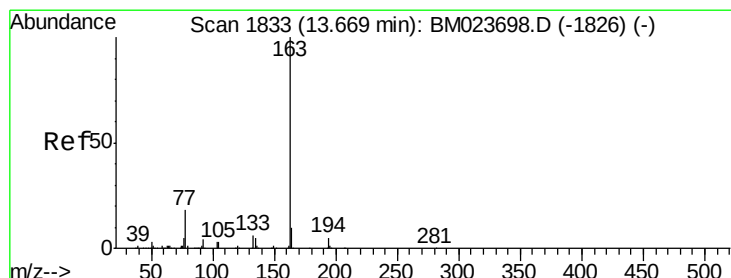
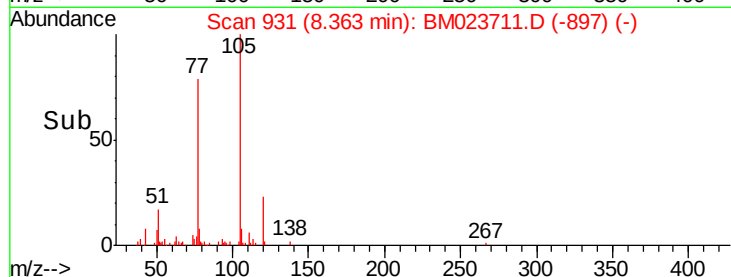
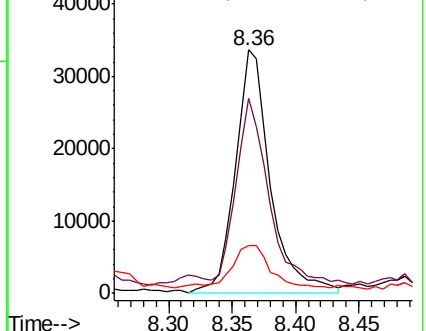
51 19.6 16.3 24.5



Abundance Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BM0

Ion 51.00 (50.70 to 51.70): BM0



#45

Dimethylphthalate

Concen: 3.576 ng/ul

RT: 13.66 min Scan# 1832

Delta R.T. -0.01 min

Lab File: BM023711.D

Acq: 13 Nov 2019 23:43

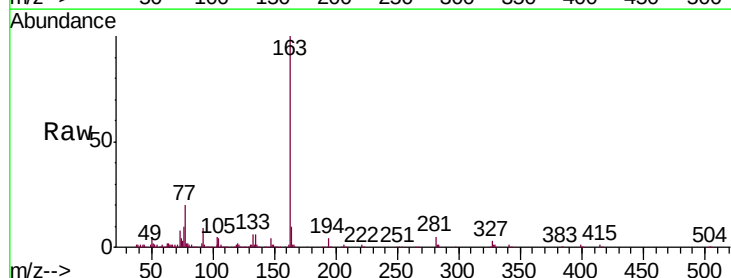
Tgt Ion:163 Resp: 390496

Ion Ratio Lower Upper

163 100

194 4.5 3.4 5.2

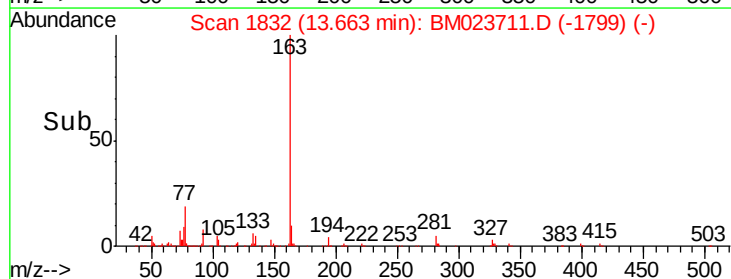
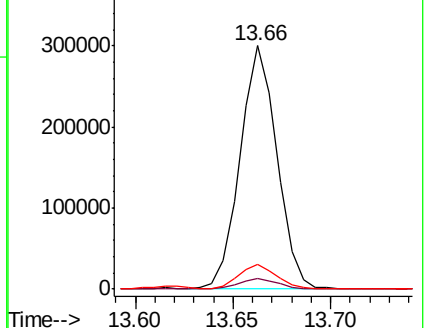
164 10.2 8.0 12.0

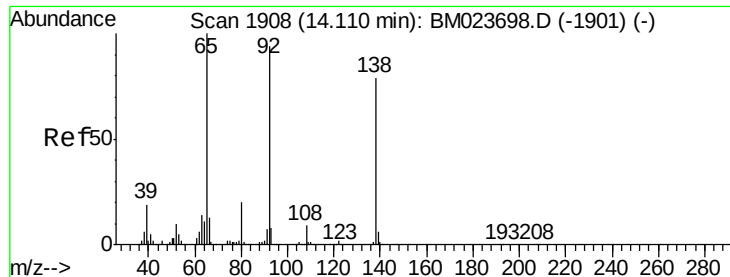


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#49

3-Nitroaniline

Concen: 1.147 ng/ul

RT: 14.07 min Scan# 1902

Delta R.T. -0.04 min

Lab File: BM023711.D

Acq: 13 Nov 2019 23:43

Instrument :

BNA_M

ClientSampleId :

JLMA0

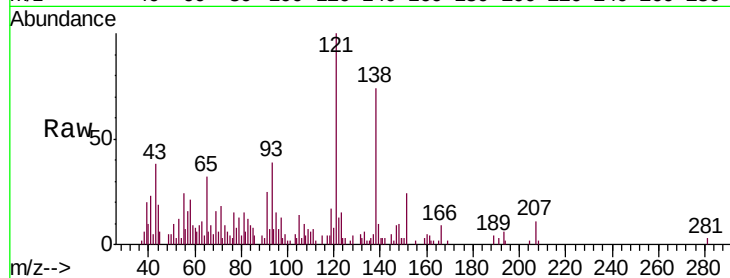
Tgt Ion:138 Resp: 21688

Ion Ratio Lower Upper

138 100

108 5.9 10.2 15.2#

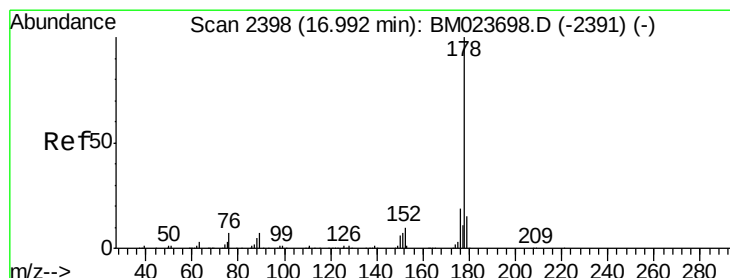
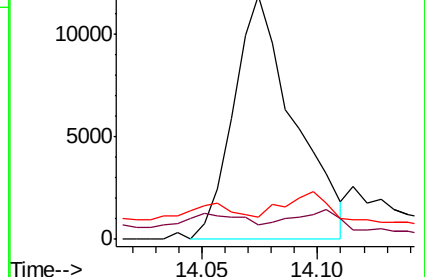
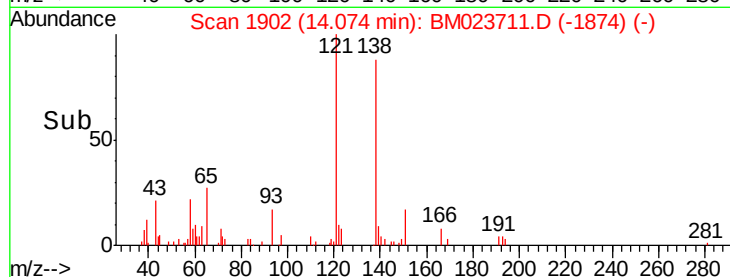
92 8.9 105.4 158.0#



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BM



#70

Phenanthrene

Concen: 1.226 ng/ul

RT: 16.99 min Scan# 2397

Delta R.T. -0.01 min

Lab File: BM023711.D

Acq: 13 Nov 2019 23:43

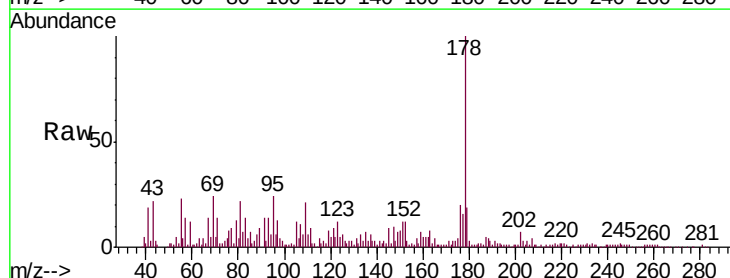
Tgt Ion:178 Resp: 189493

Ion Ratio Lower Upper

178 100

179 18.7 12.3 18.5#

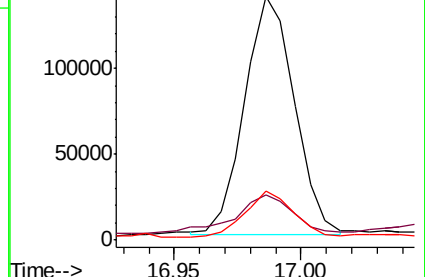
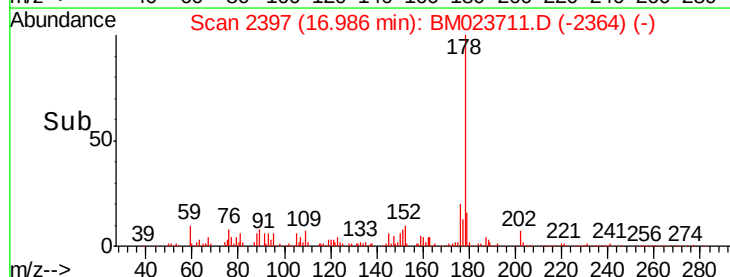
176 20.2 15.0 22.6

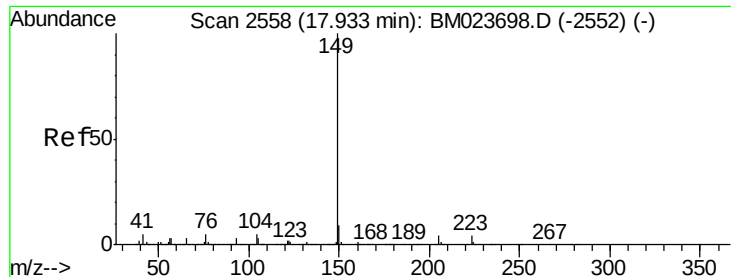


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E

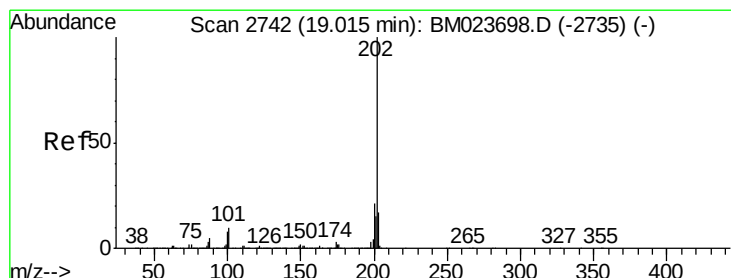
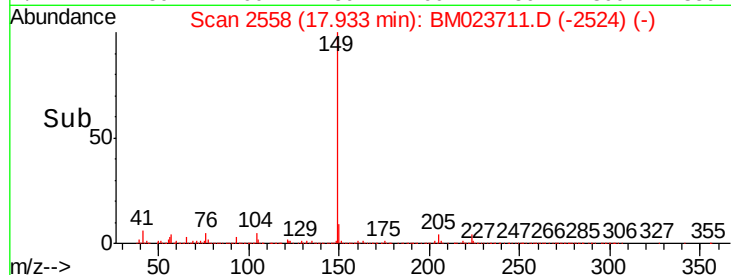
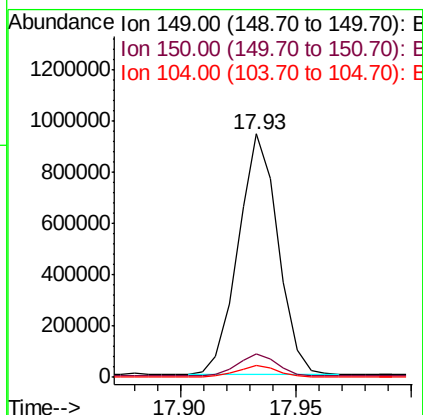
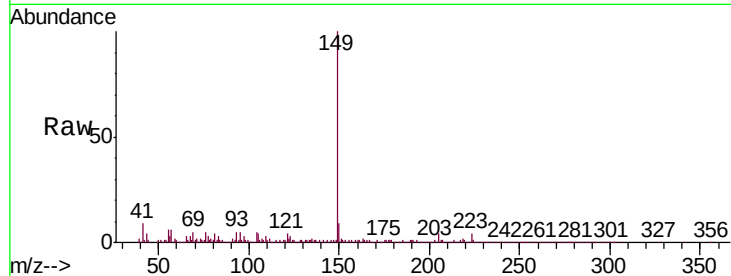




#76
Di-n-butylphthalate
Concen: 7.899 ng/ul
RT: 17.93 min Scan# 2558
Delta R.T. -0.00 min
Lab File: BM023711.D
Acq: 13 Nov 2019 23:43

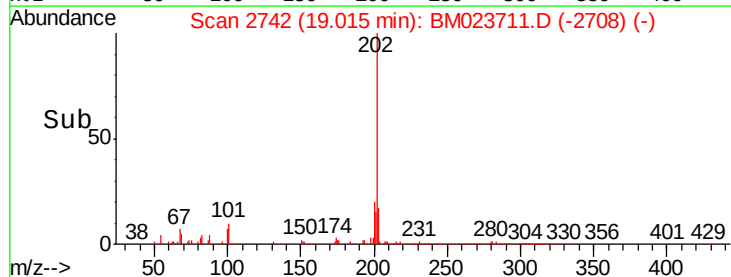
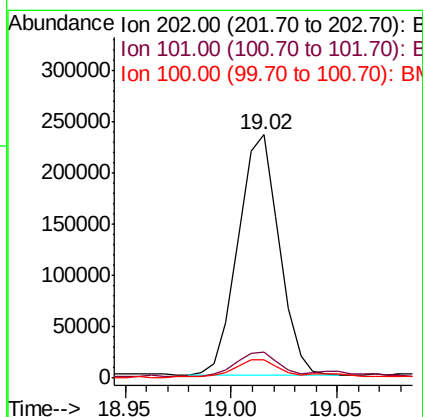
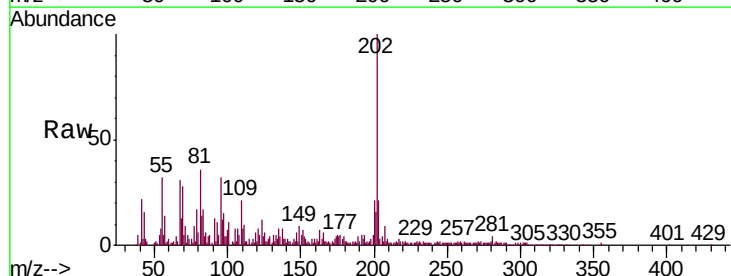
Instrument :
BNA_M
ClientSampleId :
JLMA0

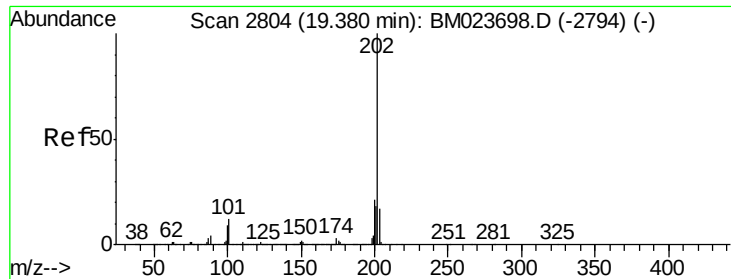
Tgt Ion:149 Resp: 1128386
Ion Ratio Lower Upper
149 100
150 9.5 7.1 10.7
104 4.8 4.2 6.2



#77
Fluoranthene
Concen: 1.919 ng/ul
RT: 19.02 min Scan# 2742
Delta R.T. -0.00 min
Lab File: BM023711.D
Acq: 13 Nov 2019 23:43

Tgt Ion:202 Resp: 317773
Ion Ratio Lower Upper
202 100
101 10.7 7.7 11.5
100 7.4 6.0 9.0

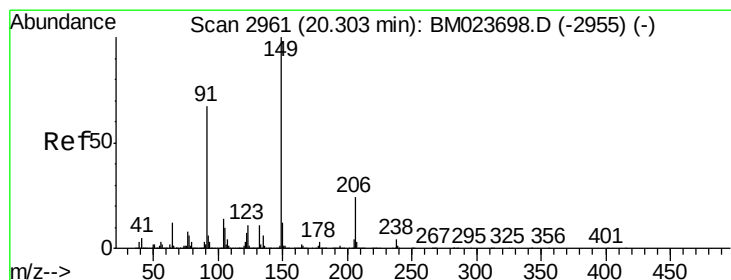
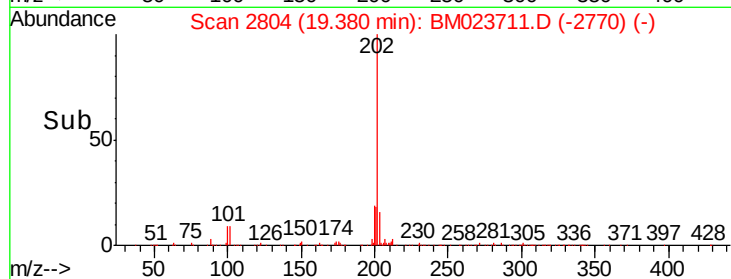
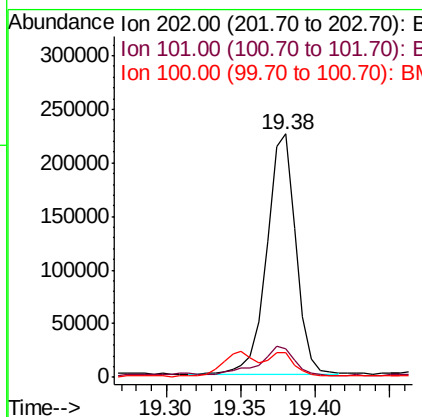
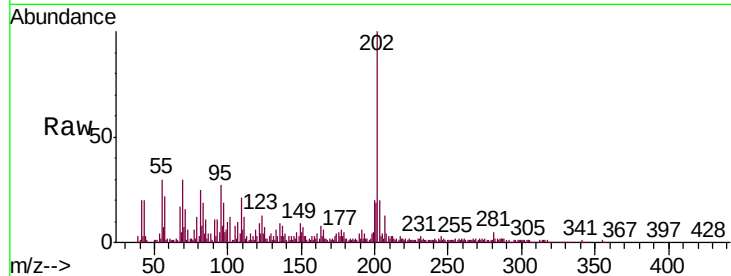




#80
 Pyrene
 Concen: 2.488 ng/ul
 RT: 19.38 min Scan# 2804
 Delta R.T. -0.00 min
 Lab File: BM023711.D
 Acq: 13 Nov 2019 23:43

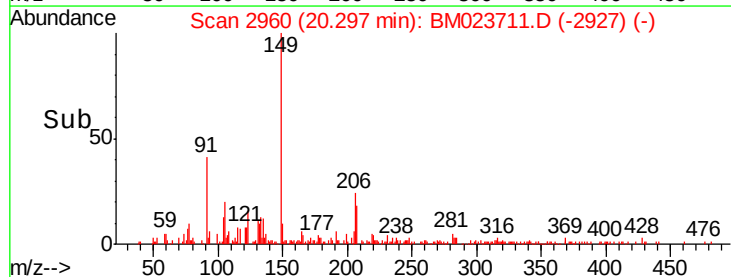
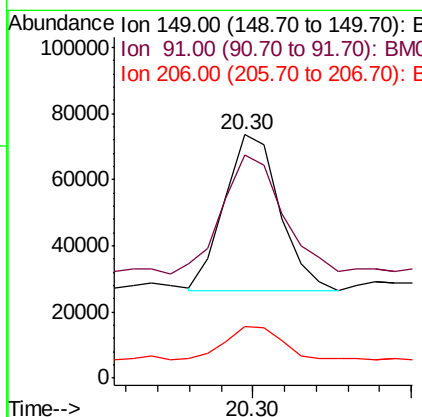
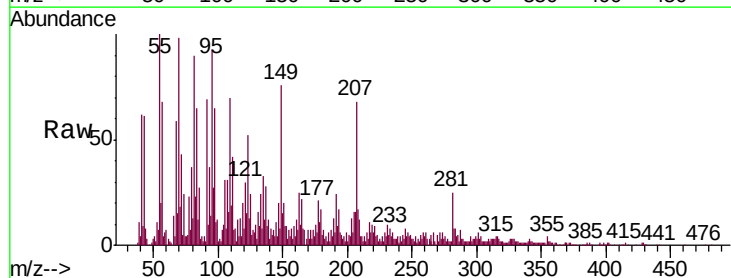
Instrument :
 BNA_M
 ClientSampleId :
 JLMA0

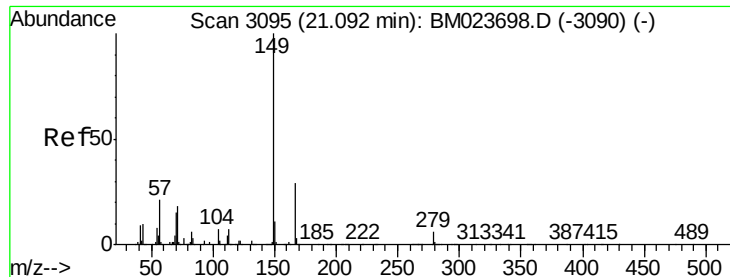
Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.5	9.8	14.6
100	9.9	8.1	12.1



#81
 Butylbenzylphthalate
 Concen: 1.494 ng/ul
 RT: 20.30 min Scan# 2960
 Delta R.T. -0.01 min
 Lab File: BM023711.D
 Acq: 13 Nov 2019 23:43

Tgt Ion	Ratio	Lower	Upper
149	100		
91	91.6	54.9	82.3#
206	21.4	19.3	28.9





#84

Bis(2-ethylhexyl)phthalate

Concen: 24.910 ng/ul

RT: 21.09 min Scan# 3095

Delta R.T. -0.00 min

Lab File: BM023711.D

Acq: 13 Nov 2019 23:43

Instrument :

BNA_M

ClientSampleId :

JLMA0

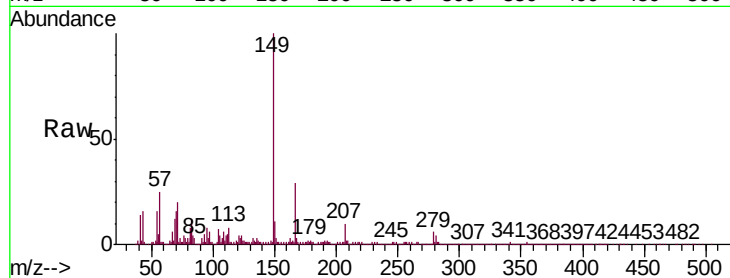
Tgt Ion:149 Resp: 1438599

Ion Ratio Lower Upper

149 100

167 28.9 23.4 35.2

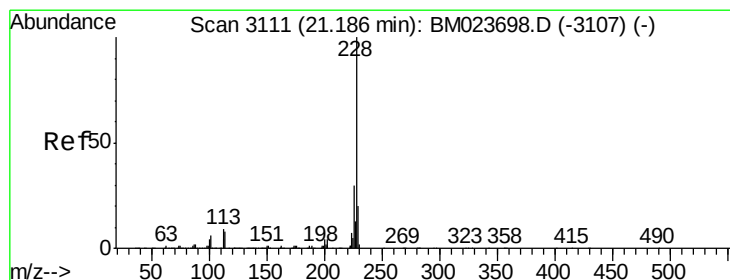
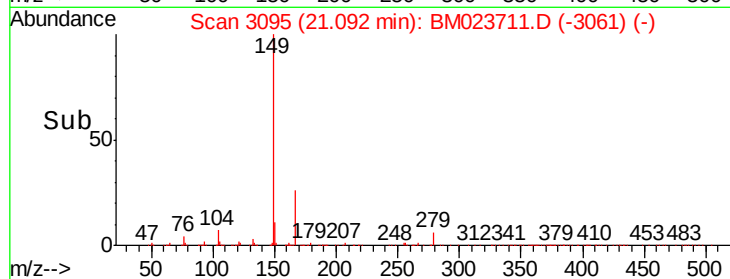
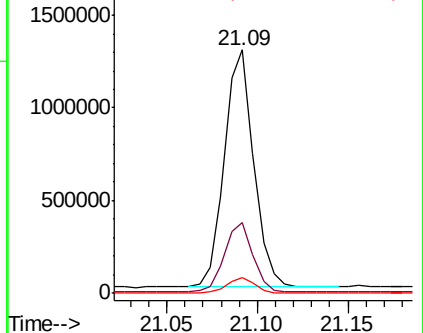
279 6.4 5.0 7.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#85

Chrysene

Concen: 1.056 ng/ul

RT: 21.19 min Scan# 3111

Delta R.T. -0.00 min

Lab File: BM023711.D

Acq: 13 Nov 2019 23:43

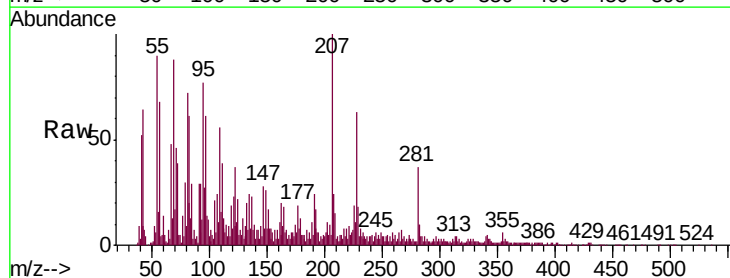
Tgt Ion:228 Resp: 122559

Ion Ratio Lower Upper

228 100

226 30.0 23.8 35.8

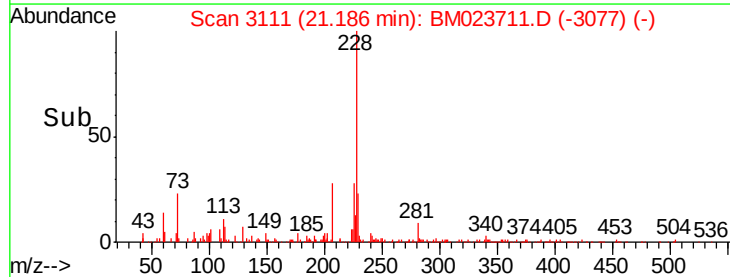
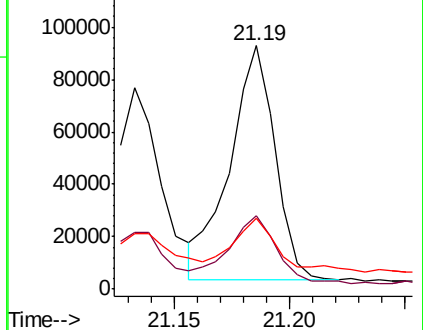
229 29.0 15.8 23.6#

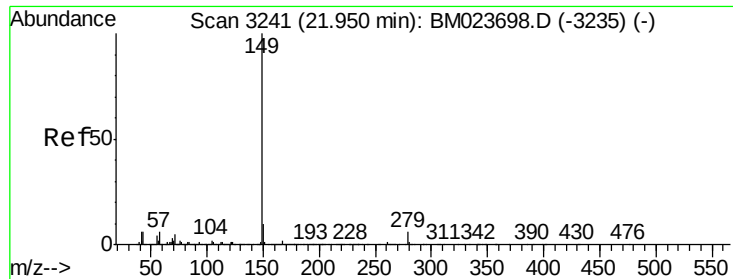


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

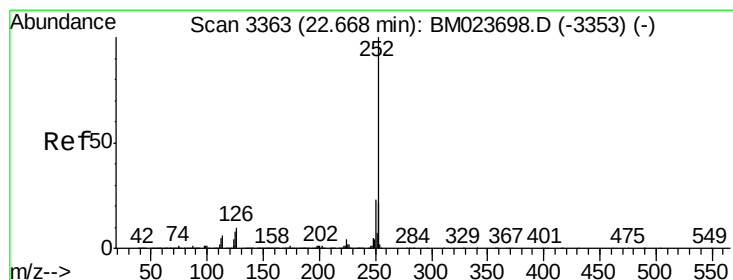
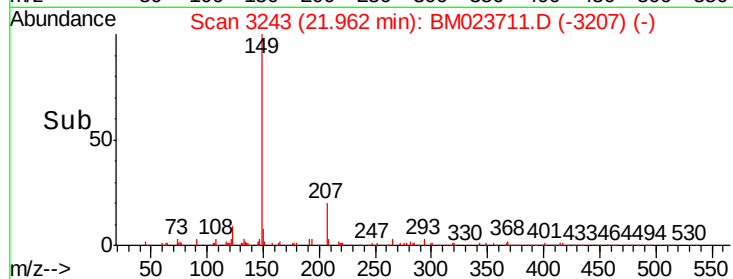
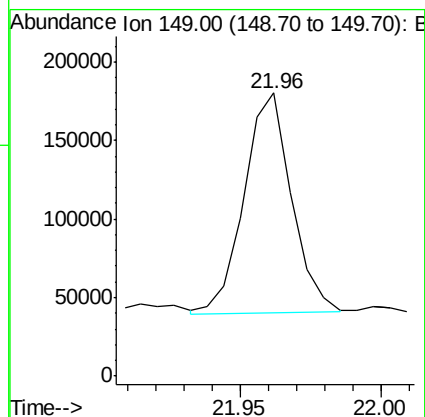
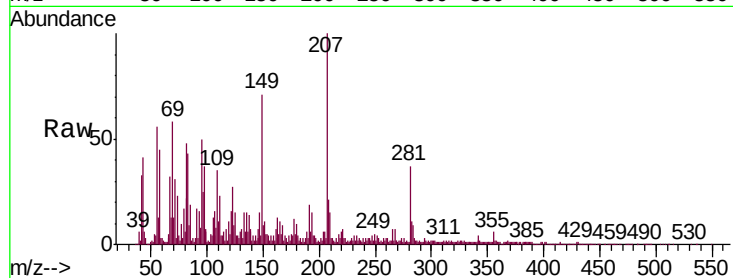




#87
Di-n-octyl phthalate
Concen: 1.636 ng/ul
RT: 21.96 min Scan# 3243
Delta R.T. 0.01 min
Lab File: BM023711.D
Acq: 13 Nov 2019 23:43

Instrument :
BNA_M
ClientSampleId :
JLMA0

Tgt Ion:149 Resp: 163760



#88
Benzo(b)fluoranthene
Concen: 1.153 ng/ul
RT: 22.67 min Scan# 3364
Delta R.T. 0.01 min
Lab File: BM023711.D
Acq: 13 Nov 2019 23:43

Tgt Ion:252 Resp: 150562
Ion Ratio Lower Upper
252 100
253 33.4 17.8 26.8#
125 55.4 6.5 9.7#

