

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM103119\
 Data File : BM023539.D
 Acq On : 01 Nov 2019 02:52
 Operator : JU
 Sample : K5433-06
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Nov 01 08:22:17 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102319MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Nov 01 08:19:37 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	465909	20.00	ng/ul	0.00
18) Naphthalene-d8	10.39	136	1905670	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.26	164	1136289	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.01	188	2358161	20.00	ng/ul	0.00
78) Chrysene-d12	21.20	240	2251941	20.00	ng/ul	0.00
86) Perylene-d12	23.40	264	2698652	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.15	96	36937	3.77	ng/uL	0.00
5) Phenol-d5	6.79	99	784319	20.04	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.95	67	482307	21.03	ng/ul	0.00
9) 2-Chlorophenol-d4	7.15	132	643268	21.03	ng/ul	0.00
13) 4-Methylphenol-d8	8.32	113	602242	18.95	ng/ul	0.00
19) Nitrobenzene-d5	8.76	128	329107	22.94	ng/ul	0.00
22) 2-Nitrophenol-d4	9.47	143	346431	21.76	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.02	165	637211	20.37	ng/ul	0.00
29) 4-Chloroaniline-d4	10.53	131	347517	9.66	ng/ul	0.00
44) Dimethylphthalate-d6	13.67	166	1986294	23.02	ng/ul	0.00
47) Acenaphthylene-d8	13.95	160	2378632	24.06	ng/ul	0.00
52) 4-Nitrophenol-d4	14.47	143	175150	11.72	ng/ul	0.00
58) Fluorene-d10	15.26	176	1723182	23.58	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.39	200	137460	9.36	ng/ul	0.00
71) Anthracene-d10	17.10	188	2589002	23.23	ng/ul	0.00
79) Pyrene-d10	19.40	212	2767167	22.34	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.26	264	3222188	23.44	ng/ul	0.00

Target Compounds

					Ovalue	
4) Benzaldehyde	6.76	77	125841	5.586	ng/ul	94
6) Phenol	6.82	94	231347	5.741	ng/ul	99
8) Bis(2-Chloroethyl)ether	7.06	93	36342	1.157	ng/ul#	31
14) Acetophenone	8.43	105	270956	5.457	ng/ul	97
16) 4-Methylphenol	8.38	108	36560	1.082	ng/ul	97
28) Naphthalene	10.44	128	309352	3.167	ng/ul	99
32) Caprolactam	11.32	113	84942	8.967	ng/ul	100
34) 2-Methylnaphthalene	12.06	142	97427	1.306	ng/ul	96
41) 1,1'-Biophenyl	13.09	154	554057	6.288	ng/ul	99
45) Dimethylphthalate	13.72	163	593261	6.848	ng/ul	97
70) Phenanthrene	17.04	178	512958	3.892	ng/ul	98
77) Fluoranthene	19.07	202	492550	3.583	ng/ul	99
80) Pyrene	19.43	202	456308	2.870	ng/ul	98
81) Butylbenzylphthalate	20.36	149	97039	1.490	ng/ul	92
83) Benzo(a)anthracene	21.19	228	185269	1.230	ng/ul#	89
84) Bis(2-ethylhexyl)phthalate	21.14	149	3617865	39.638	ng/ul	100
85) Chrysene	21.24	228	245034	1.763	ng/ul#	95
87) Di-n-octyl phthalate	22.02	149	183852	1.158	ng/ul	100
88) Benzo(b)fluoranthene	22.74	252	208900	1.205	ng/ul#	43
89) Benzo(k)fluoranthene	22.74	252	208900	1.284	ng/ul#	44
94) Benzo(a,h,i)perylene	26.26	276	143530	1.038	ng/ul#	94

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Quant Title : SVOA CALIBRATION
QLast Update : Fri Nov 01 08:19:37 2019
Response via : Initial Calibration

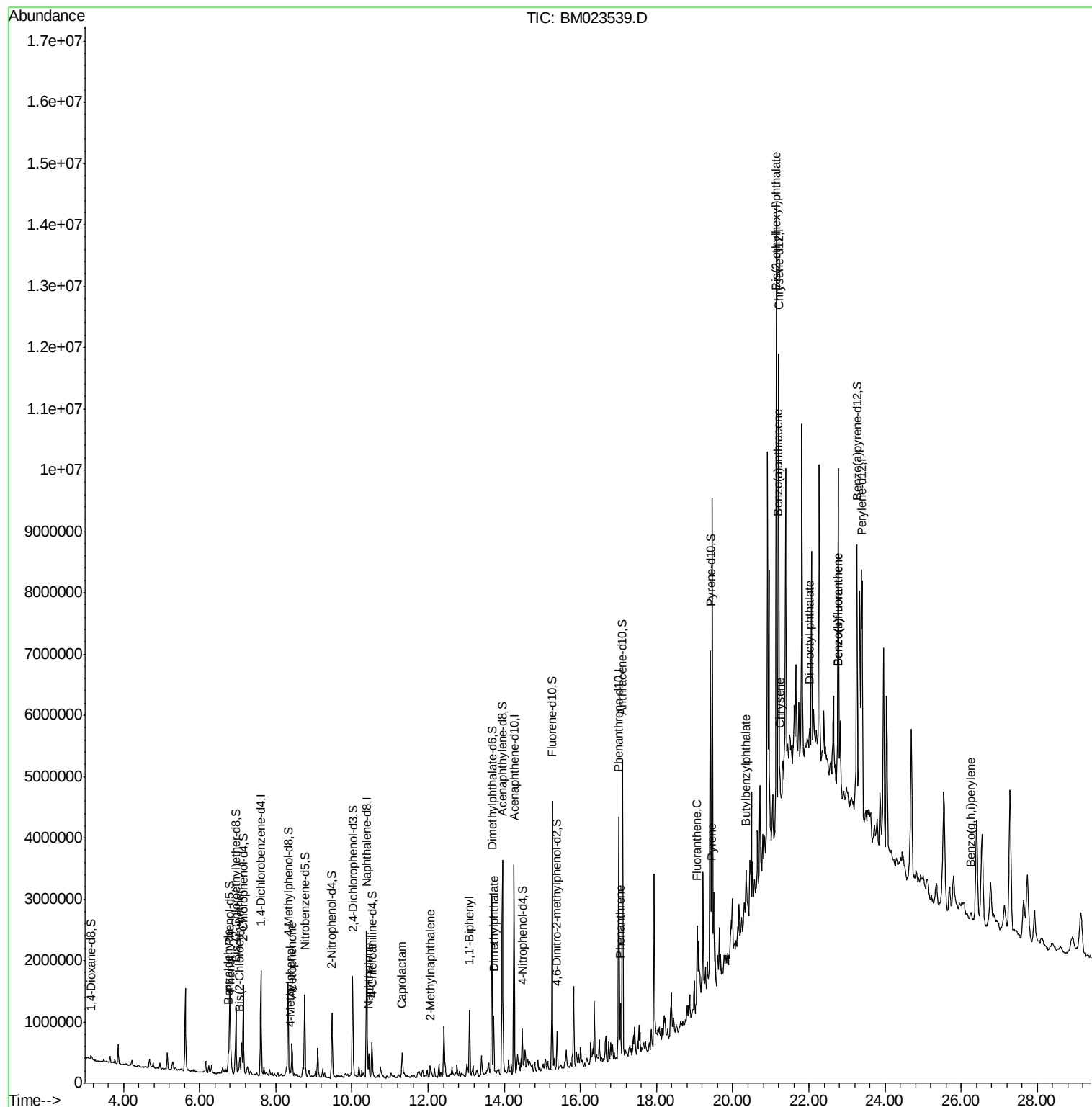
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

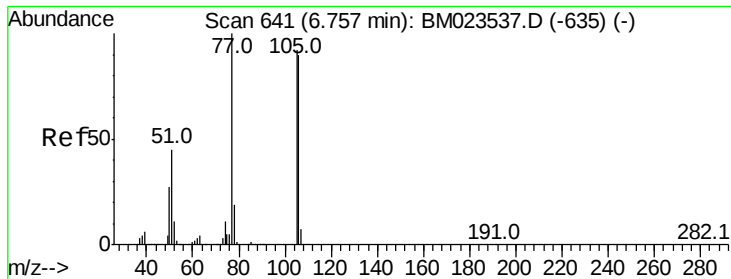
(#)=qualifier out of range (m)=manual integration (+)=signals summed						

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ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampled :

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Response via : Initial Calibration





#4

Benzaldehyde

Concen: 5.586 ng/ul

RT: 6.76 min Scan# 641

Delta R.T. 0.00 min

Lab File: BM023539.D

Acq: 01 Nov 2019 02:52

Instrument :

BNA_M

ClientSampleId :

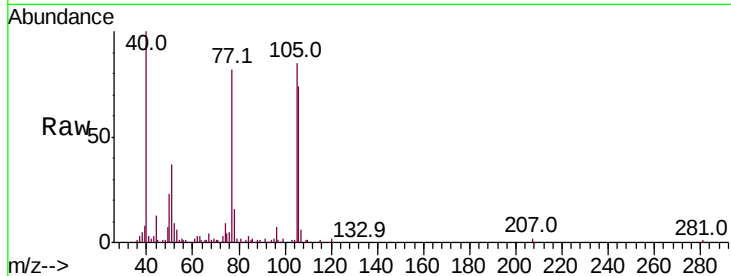
Tot Ion: 77 Resp: 125841

Ion Ratio Lower Upper

77 100

105 104.1 75.4 113.2

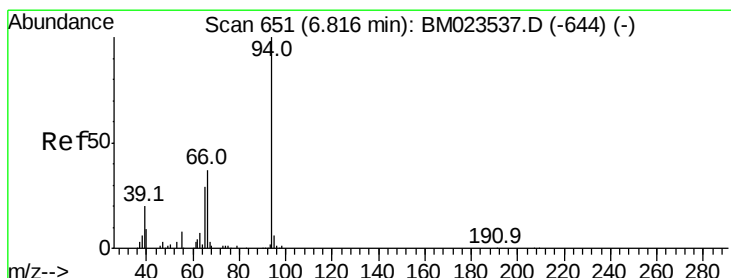
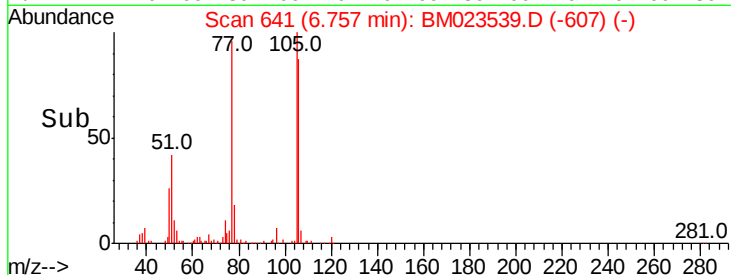
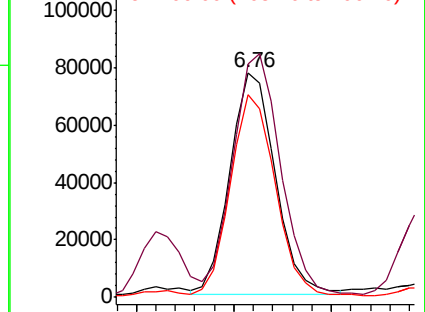
106 90.2 71.3 106.9



Abundance Ion 77.00 (76.70 to 77.70): BM023539.D (-607) (-)

Ion 105.00 (104.70 to 105.70): BM023539.D (-607) (-)

Ion 106.00 (105.70 to 106.70): BM023539.D (-607) (-)



#6

Phenol

Concen: 5.741 ng/ul

RT: 6.82 min Scan# 651

Delta R.T. 0.00 min

Lab File: BM023539.D

Acq: 01 Nov 2019 02:52

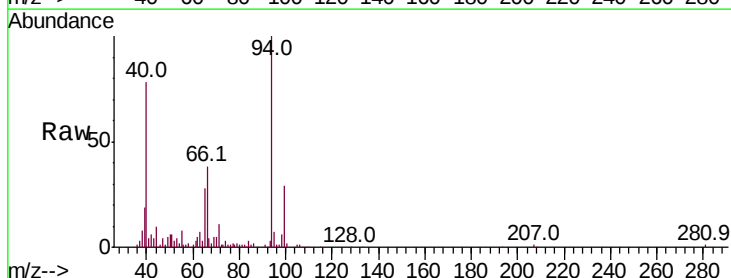
Tgt Ion: 94 Resp: 231347

Ion Ratio Lower Upper

94 100

65 28.2 22.9 34.3

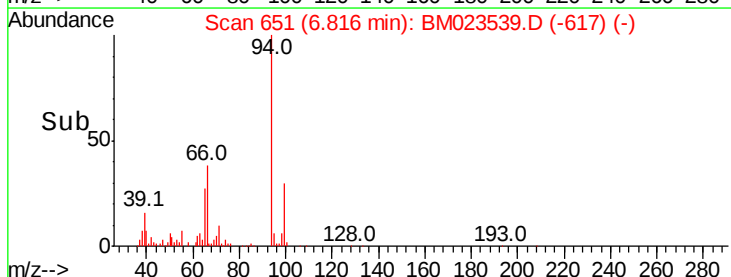
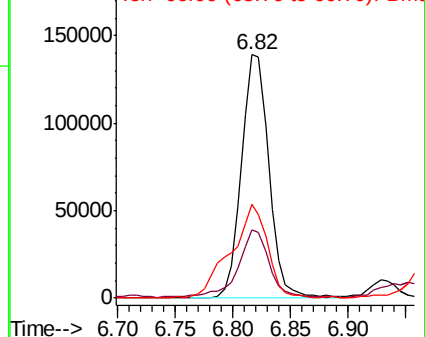
66 38.3 31.4 47.2

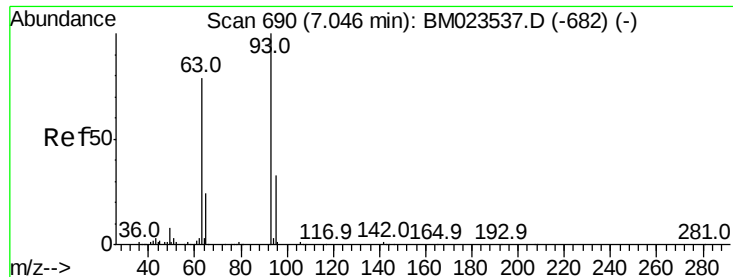


Abundance Ion 94.00 (93.70 to 94.70): BM023539.D (-617) (-)

Ion 65.00 (64.70 to 65.70): BM023539.D (-617) (-)

Ion 66.00 (65.70 to 66.70): BM023539.D (-617) (-)



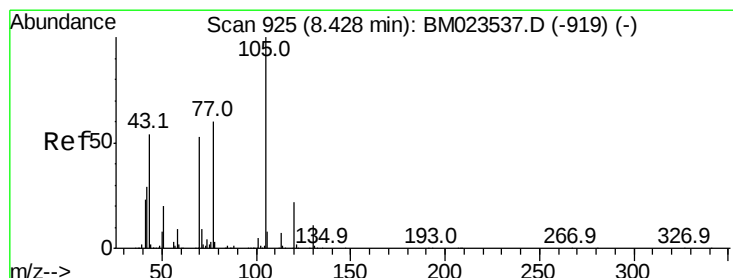
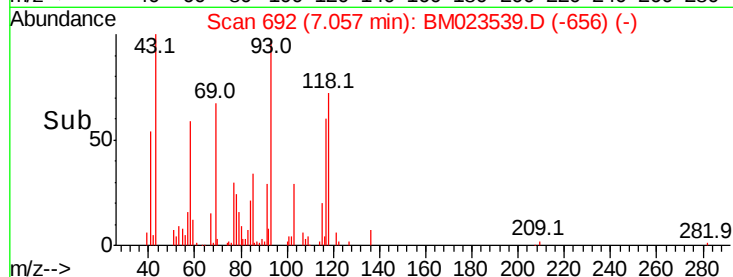
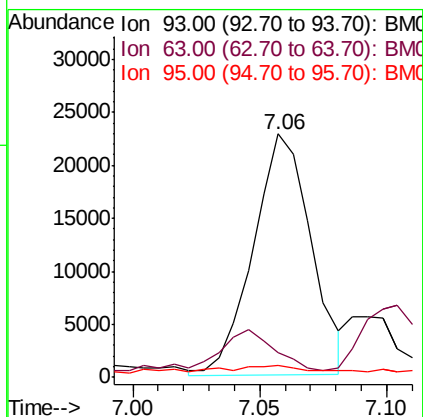
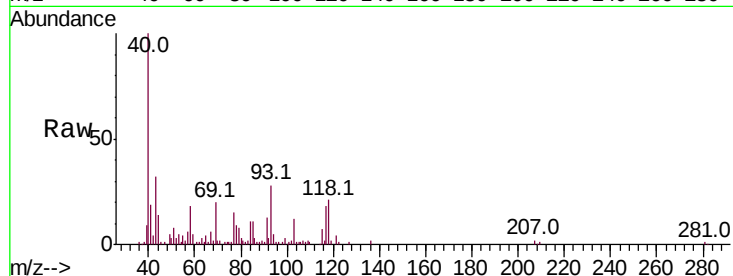


#8

Bis(2-Chloroethyl)ether
 Concen: 1.157 ng/ul
 RT: 7.06 min Scan# 692
 Delta R.T. 0.01 min
 Lab File: BM023539.D
 Acq: 01 Nov 2019 02:52

Instrument :
 BNA_M
 ClientSampleId :

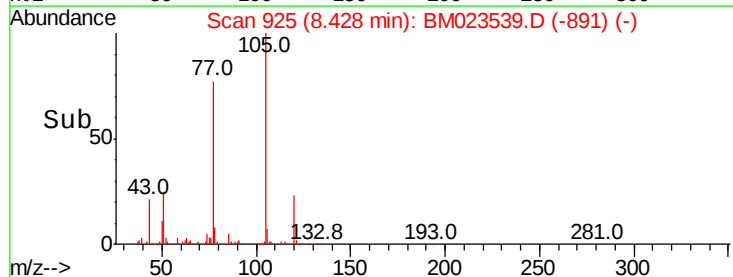
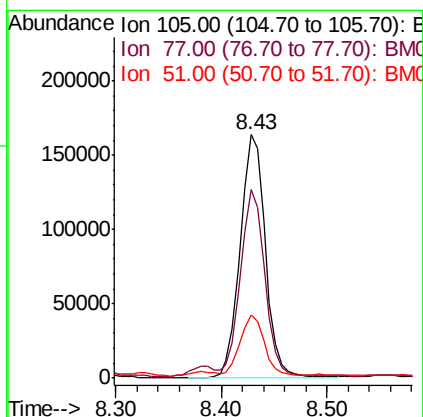
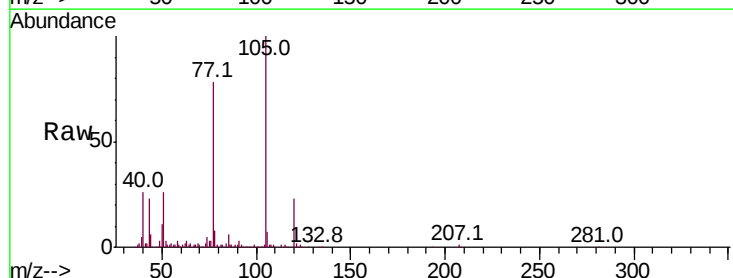
Tot Ion: 93 Resp: 36342
 Ion Ratio Lower Upper
 93 100
 63 10.1 61.4 92.0#
 95 4.8 26.1 39.1#

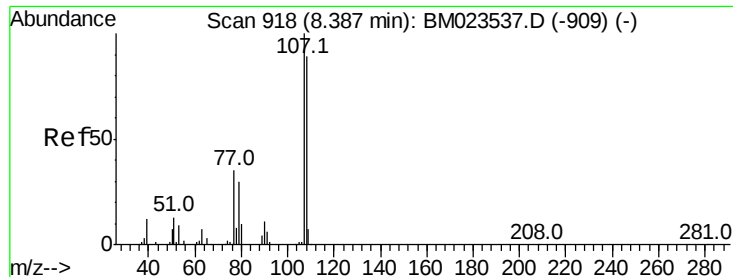


#14

Acetophenone
 Concen: 5.457 ng/ul
 RT: 8.43 min Scan# 925
 Delta R.T. 0.00 min
 Lab File: BM023539.D
 Acq: 01 Nov 2019 02:52

Tgt Ion: 105 Resp: 270956
 Ion Ratio Lower Upper
 105 100
 77 77.7 64.8 97.2
 51 25.8 21.3 31.9





#16

4-Methylphenol

Concen: 1.082 ng/ul

RT: 8.38 min Scan# 917

Delta R.T. -0.01 min

Lab File: BM023539.D

Acq: 01 Nov 2019 02:52

Instrument :

BNA_M

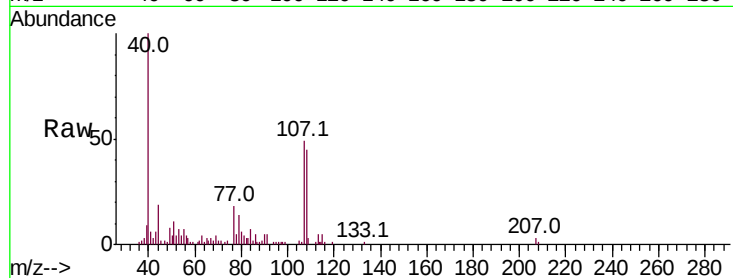
ClientSampled :

Tot Ion:108 Resp: 36560

Ion Ratio Lower Upper

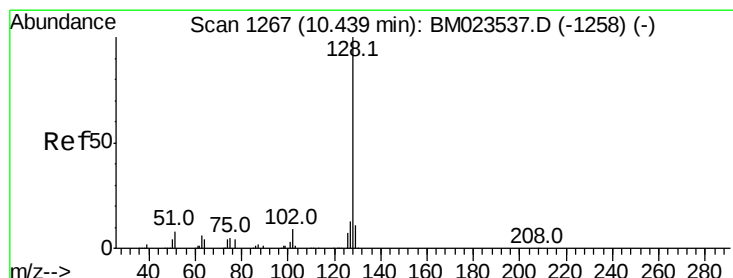
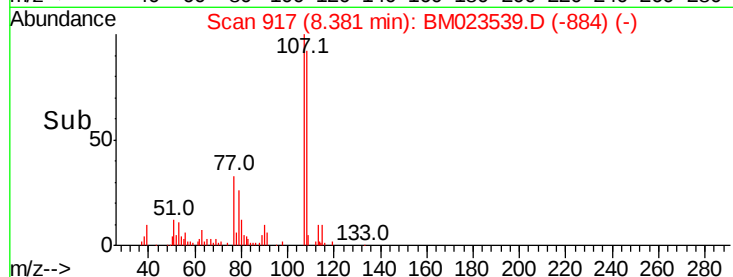
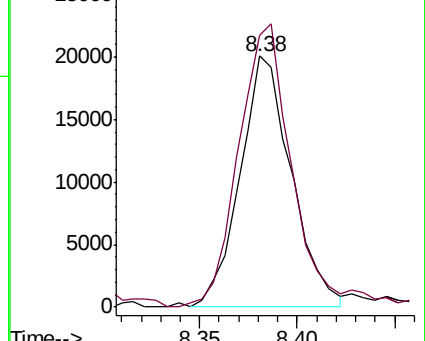
108 100

107 108.4 89.7 134.5



Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E



#28

Naphthalene

Concen: 3.167 ng/ul

RT: 10.44 min Scan# 1267

Delta R.T. 0.00 min

Lab File: BM023539.D

Acq: 01 Nov 2019 02:52

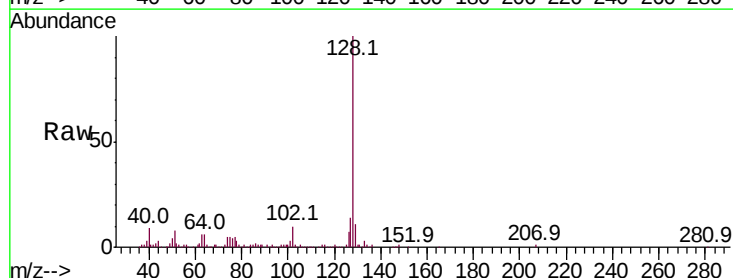
Tgt Ion:128 Resp: 309352

Ion Ratio Lower Upper

128 100

129 11.3 8.8 13.2

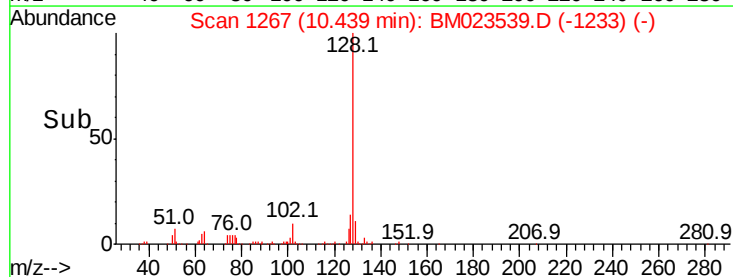
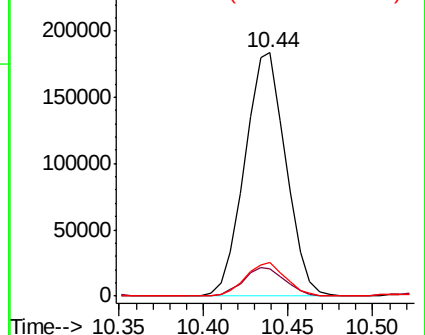
127 13.7 10.4 15.6

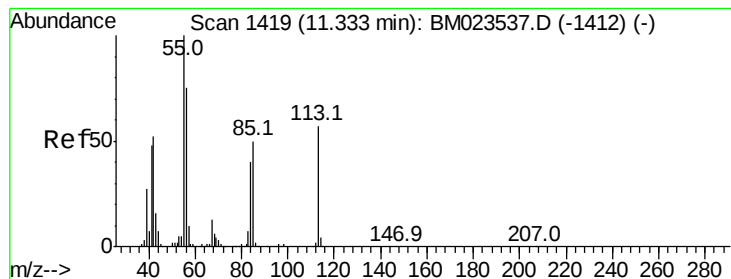


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E





#32

Caprolactam

Concen: 8.967 ng/ul

RT: 11.32 min Scan# 1417

Delta R.T. -0.01 min

Lab File: BM023539.D

Acq: 01 Nov 2019 02:52

Instrument :

BNA_M

ClientSampled :

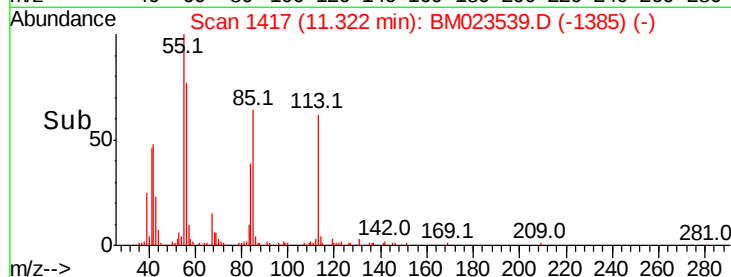
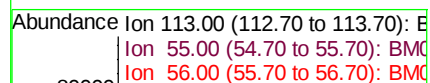
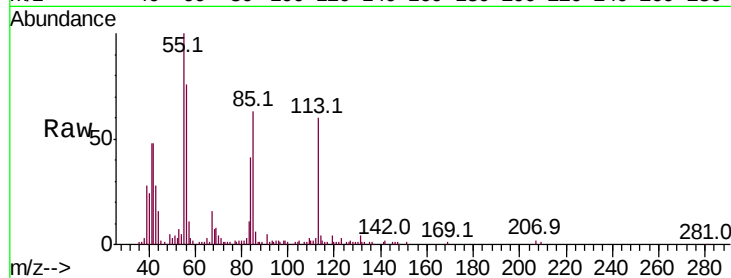
Tot Ion:113 Resp: 84942

Ion Ratio Lower Upper

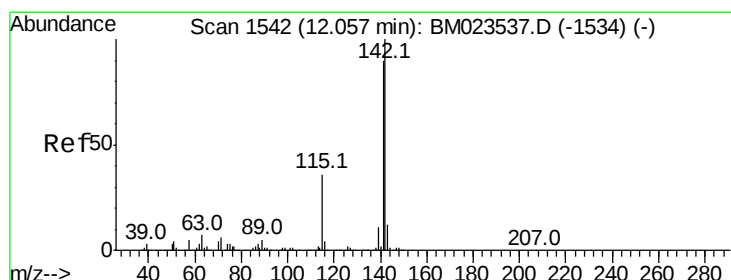
113 100

55 166.5 132.8 199.2

56 125.8 100.6 150.8



Time-->



#34

2-Methylnaphthalene

Concen: 1.306 ng/ul

RT: 12.06 min Scan# 1542

Delta R.T. 0.00 min

Lab File: BM023539.D

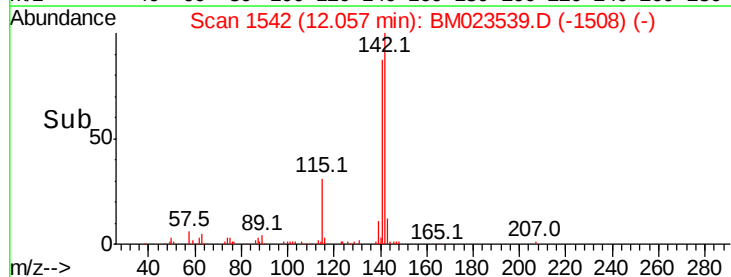
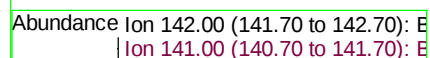
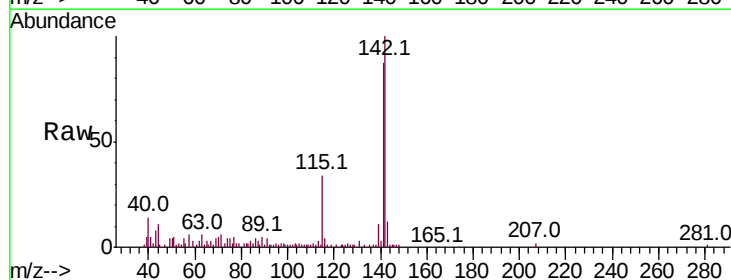
Acq: 01 Nov 2019 02:52

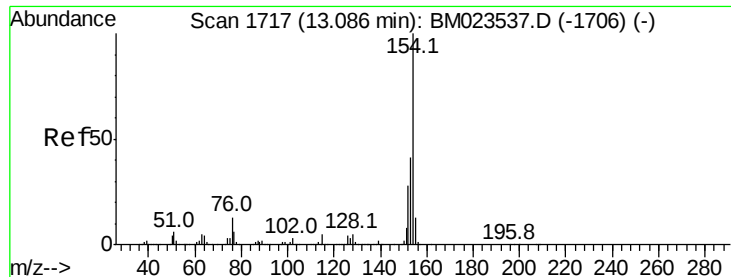
Tgt Ion:142 Resp: 97427

Ion Ratio Lower Upper

142 100

141 87.1 72.4 108.6

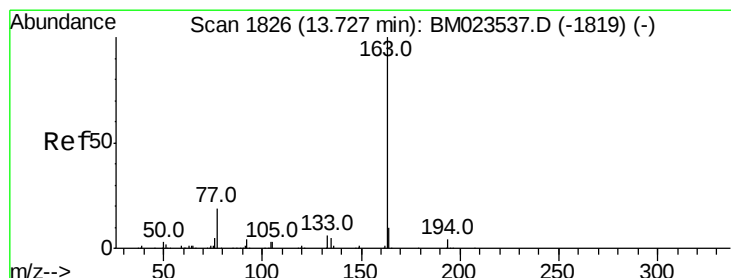
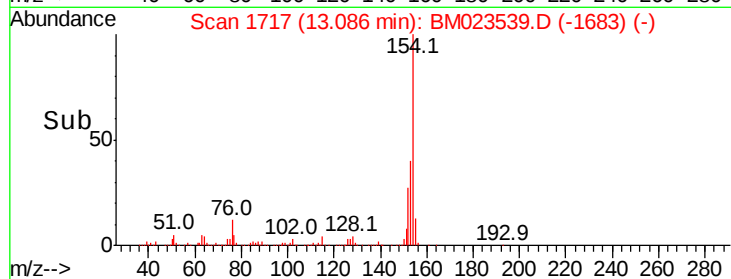
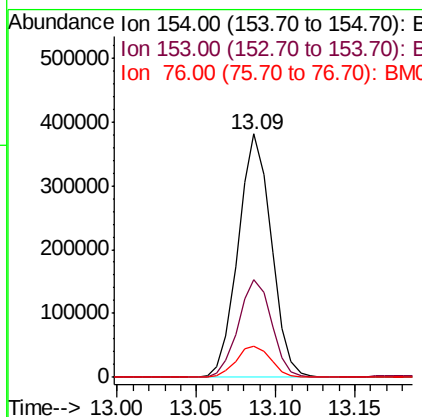
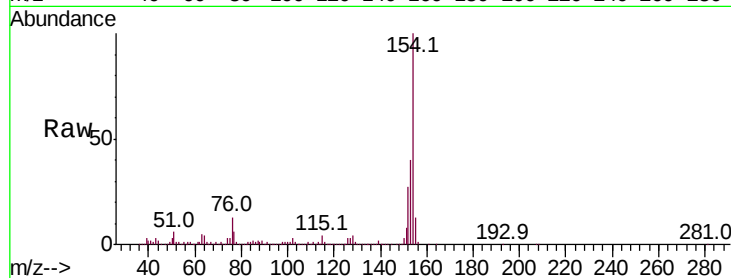




#41
 1,1'-Biphenyl
 Concen: 6.288 ng/ul
 RT: 13.09 min Scan# 1717
 Delta R.T. 0.00 min
 Lab File: BM023539.D
 Acq: 01 Nov 2019 02:52

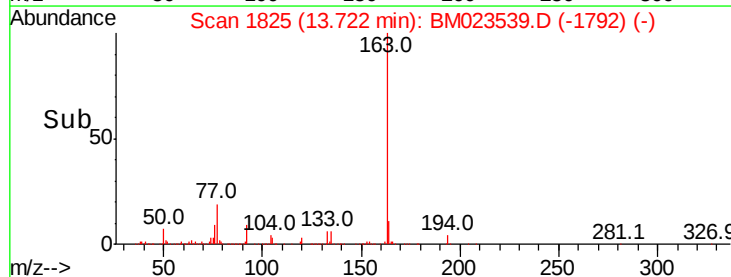
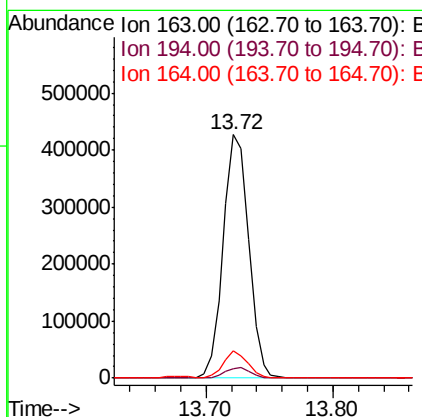
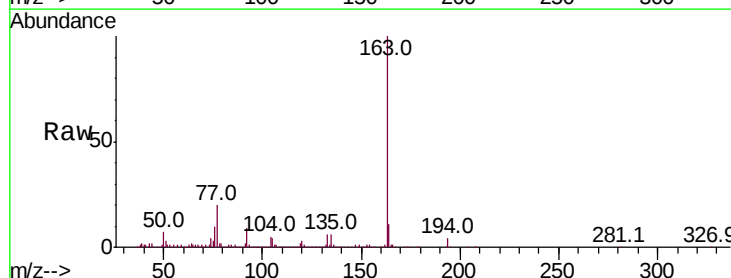
Instrument :
 BNA_M
 ClientSampleId :

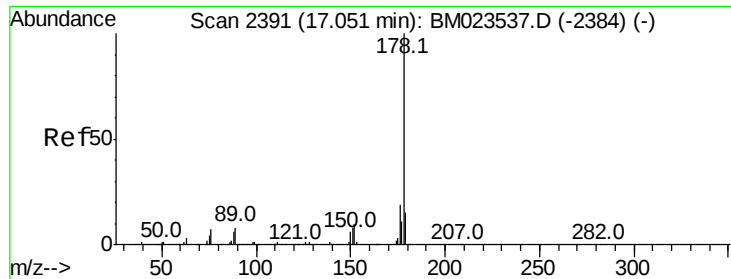
Tot Ion	Ratio	Lower	Upper
154	100		
153	40.1	32.6	49.0
76	12.6	10.2	15.2



#45
 Dimethylphthalate
 Concen: 6.848 ng/ul
 RT: 13.72 min Scan# 1825
 Delta R.T. -0.01 min
 Lab File: BM023539.D
 Acq: 01 Nov 2019 02:52

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.3	4.9
164	11.2	7.9	11.9

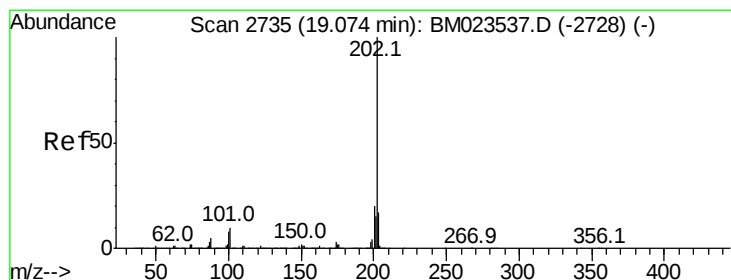
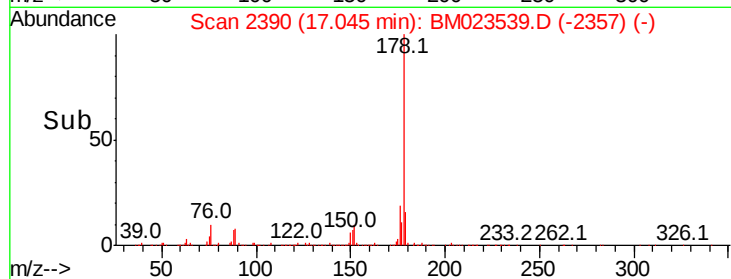
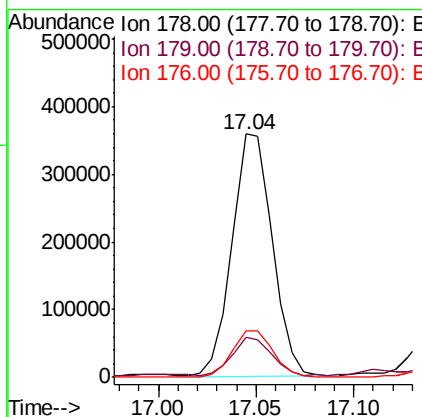
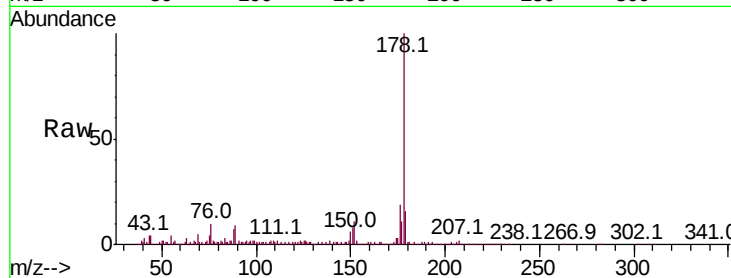




#70
Phenanthrene
Concen: 3.892 ng/ul
RT: 17.04 min Scan# 2390
Delta R.T. -0.01 min
Lab File: BM023539.D
Acq: 01 Nov 2019 02:52

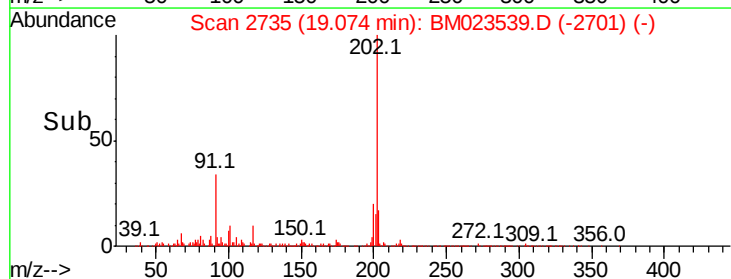
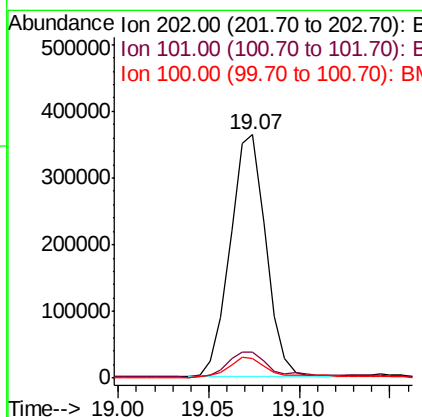
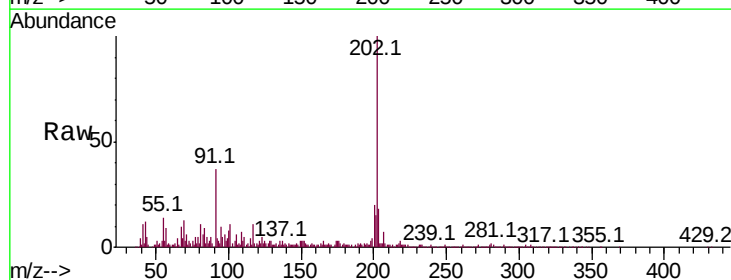
Instrument :
BNA_M
ClientSampled :

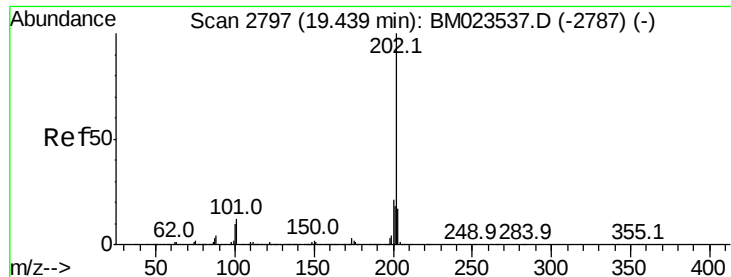
Tot Ion	Ratio	Lower	Upper
178	100		
179	16.3	12.2	18.2
176	19.0	14.9	22.3



#77
Fluoranthene
Concen: 3.583 ng/ul
RT: 19.07 min Scan# 2735
Delta R.T. 0.00 min
Lab File: BM023539.D
Acq: 01 Nov 2019 02:52

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.6	8.1	12.1
100	7.8	6.2	9.2

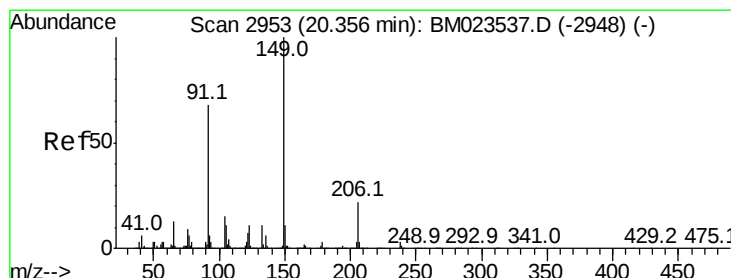
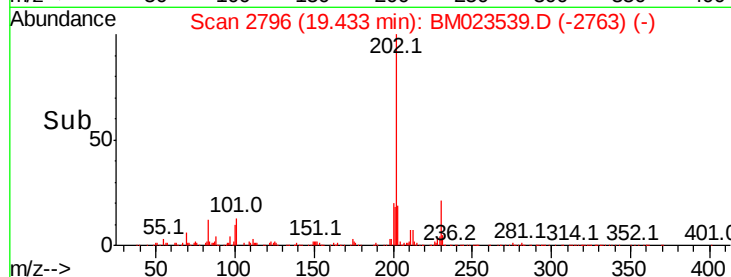
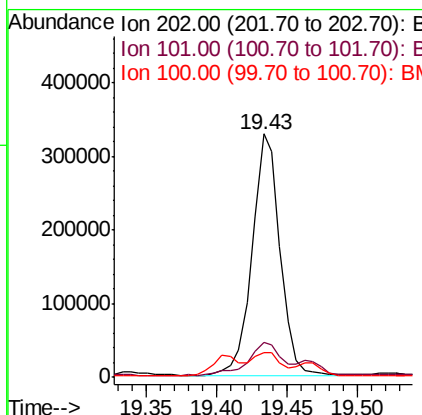
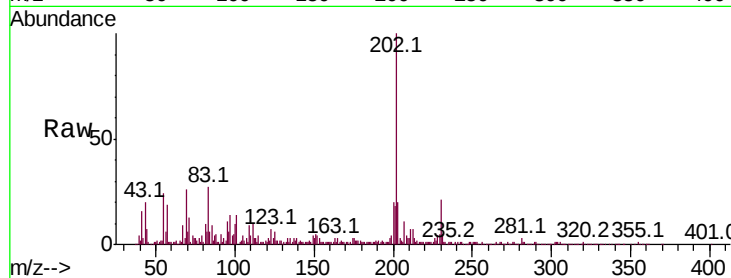




#80
Pvrene
Concen: 2.870 ng/ul
RT: 19.43 min Scan# 2796
Delta R.T. -0.01 min
Lab File: BM023539.D
Acq: 01 Nov 2019 02:52

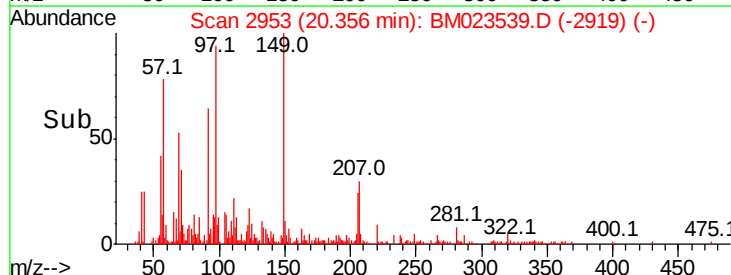
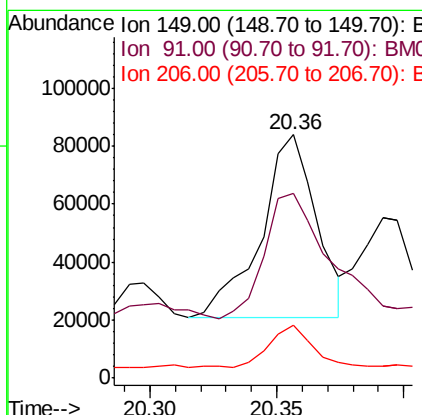
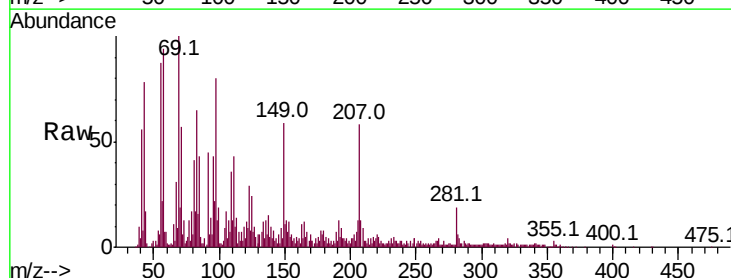
Instrument :
BNA_M
ClientSampleId :

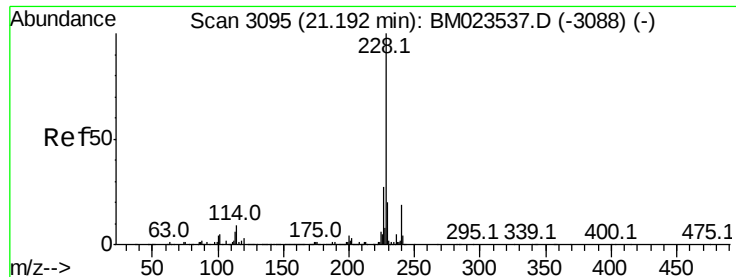
Tot Ion	Ratio	Lower	Upper
202	100		
101	14.1	10.0	15.0
100	10.2	8.3	12.5



#81
Butylbenzylphthalate
Concen: 1.490 ng/ul
RT: 20.36 min Scan# 2953
Delta R.T. 0.00 min
Lab File: BM023539.D
Acq: 01 Nov 2019 02:52

Tgt Ion	Ratio	Lower	Upper
149	100		
91	76.0	54.2	81.2
206	21.7	17.7	26.5





#83

Benzo(a)anthracene

Concen: 1.230 ng/ul

RT: 21.19 min Scan# 3094

Delta R.T. -0.01 min

Lab File: BM023539.D

Acq: 01 Nov 2019 02:52

Instrument :

BNA_M

ClientSampleId :

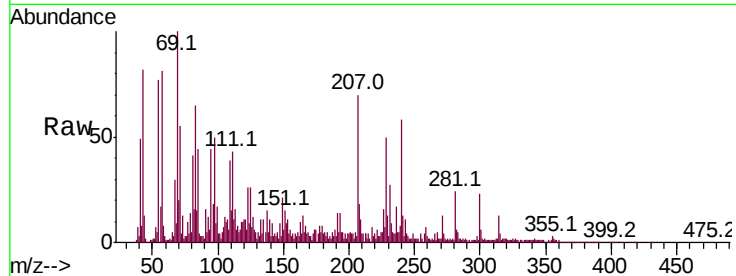
Tot Ion:228 Resp: 185269

Ion Ratio Lower Upper

228 100

229 26.8 15.8 23.8#

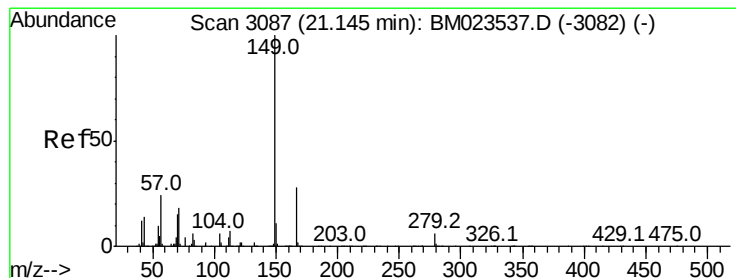
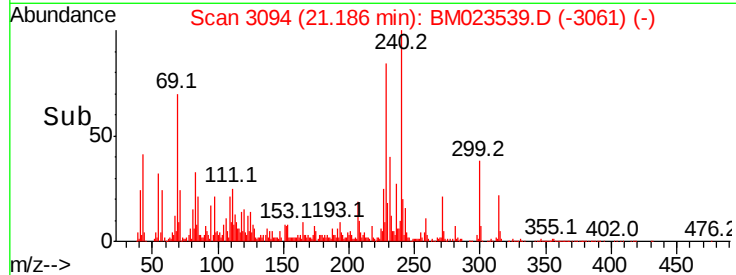
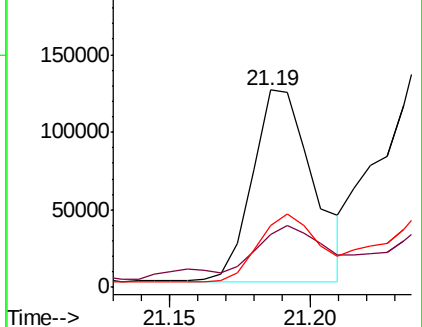
226 31.3 21.6 32.4



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 39.638 ng/ul

RT: 21.14 min Scan# 3087

Delta R.T. 0.00 min

Lab File: BM023539.D

Acq: 01 Nov 2019 02:52

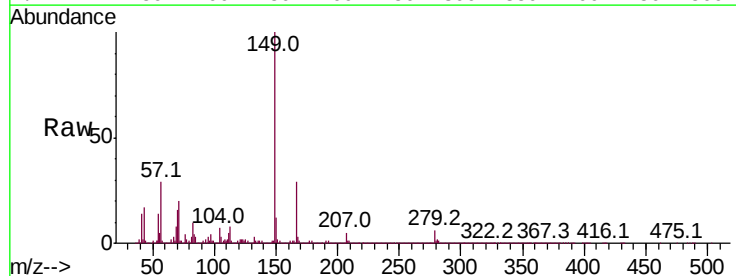
Tgt Ion:149 Resp: 3617865

Ion Ratio Lower Upper

149 100

167 28.6 22.9 34.3

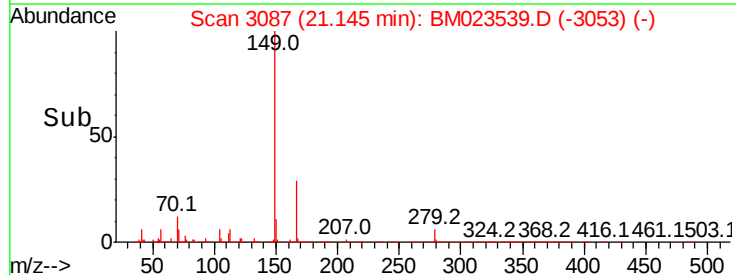
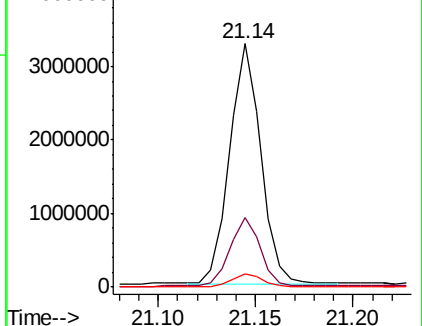
279 5.6 4.1 6.1

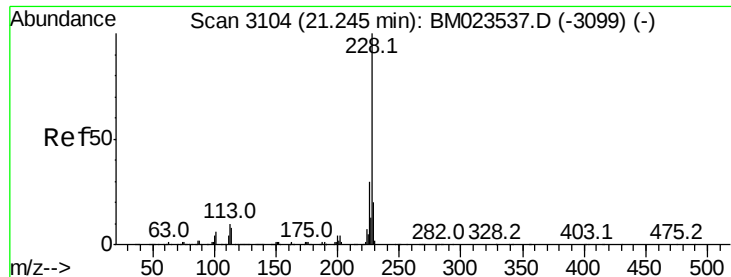


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Chrysene

Concen: 1.763 ng/ul

RT: 21.24 min Scan# 3103

Delta R.T. -0.01 min

Lab File: BM023539.D

Acq: 01 Nov 2019 02:52

Instrument :

BNA_M

ClientSampleId :

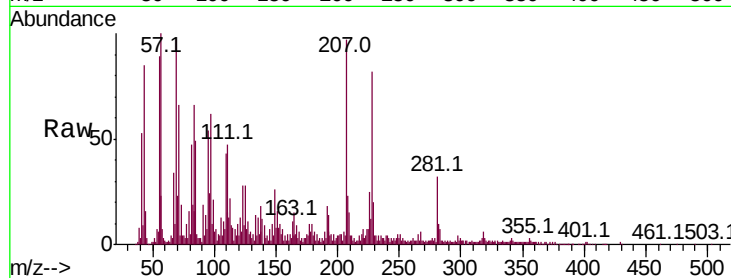
Tot Ion:228 Resp: 245034

Ion Ratio Lower Upper

228 100

226 30.8 24.0 36.0

229 24.4 16.0 24.0#



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

21.24

150000

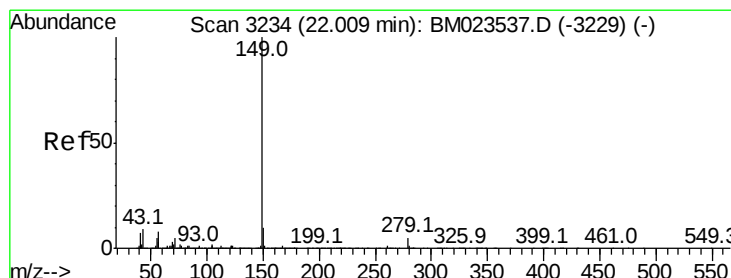
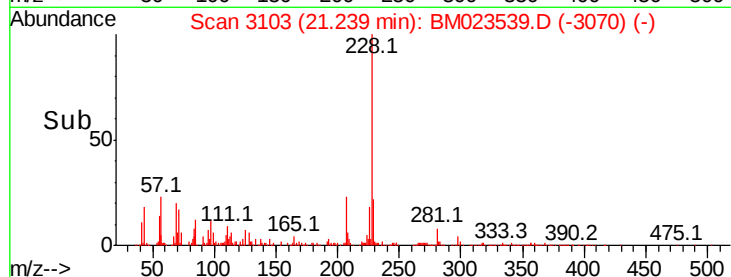
100000

50000

0

21.20 21.25

Time-->



#87

Di-n-octyl phthalate

Concen: 1.158 ng/ul

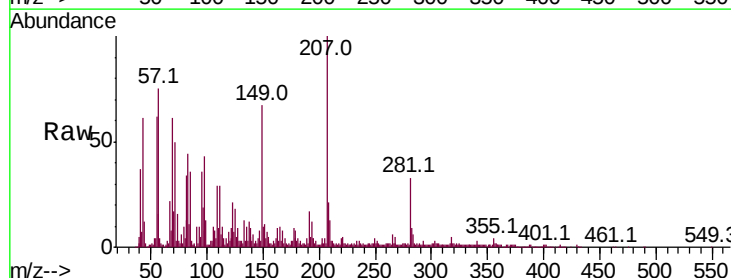
RT: 22.02 min Scan# 3236

Delta R.T. 0.01 min

Lab File: BM023539.D

Acq: 01 Nov 2019 02:52

Tgt Ion:149 Resp: 183852



Abundance Ion 149.00 (148.70 to 149.70): E

400000

300000

200000

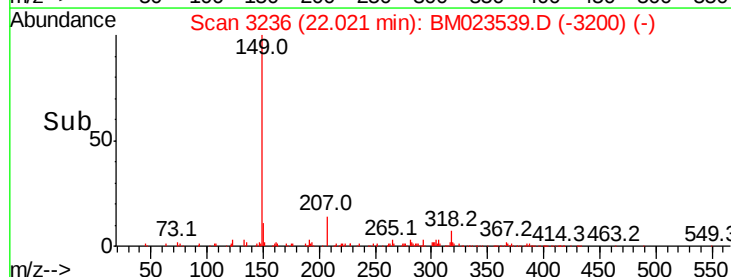
100000

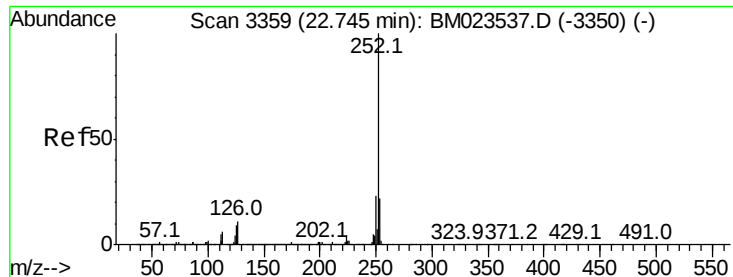
0

22.02

21.98 22.00 22.02 22.04

Time-->





#88

Benzo(b)fluoranthene

Concen: 1.205 ng/ul

RT: 22.74 min Scan# 3359

Delta R.T. 0.00 min

Lab File: BM023539.D

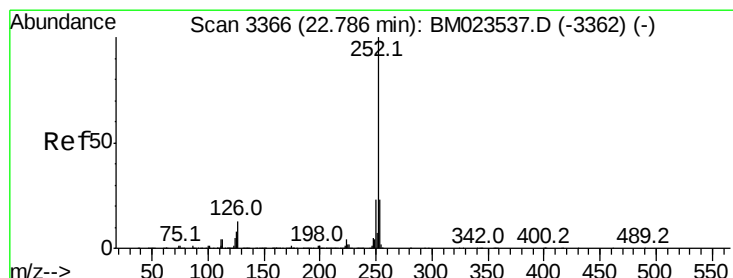
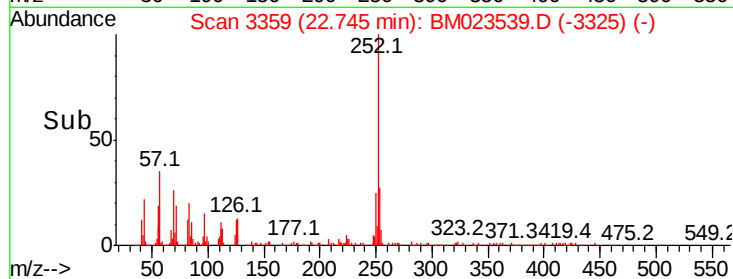
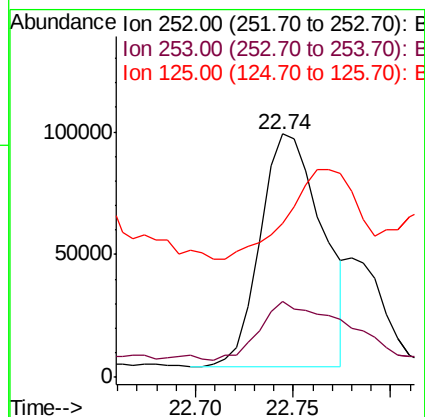
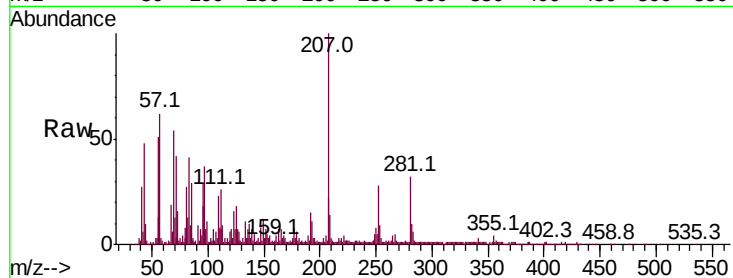
Acq: 01 Nov 2019 02:52

Instrument :

BNA_M

ClientSampleId :

Tot Ion:252	Resp:	208900
Ion Ratio	Lower	Upper
252	100	
253	31.1	17.5 26.3#
125	63.4	7.1 10.7#



#89

Benzo(k)fluoranthene

Concen: 1.284 ng/ul

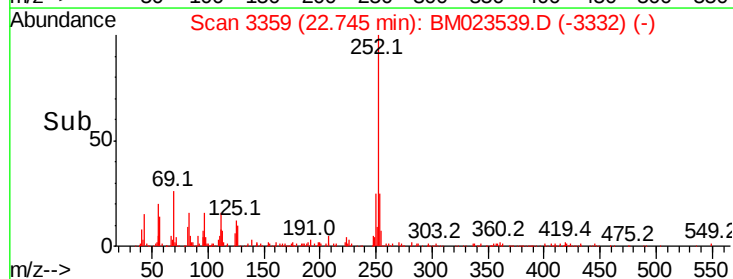
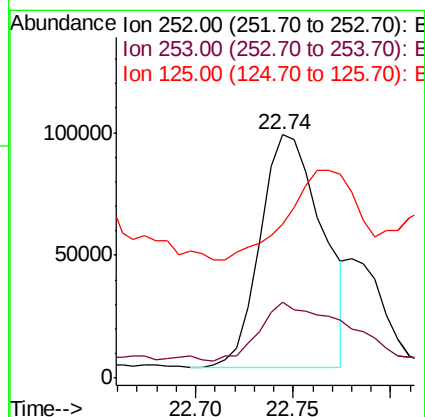
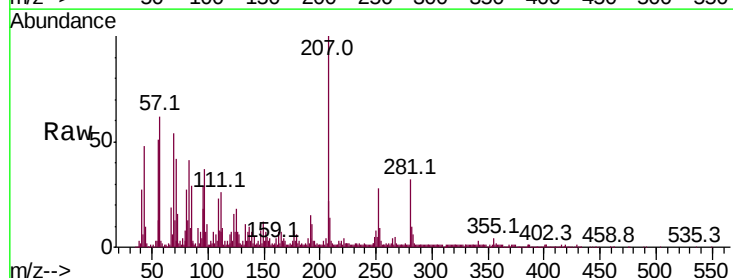
RT: 22.74 min Scan# 3359

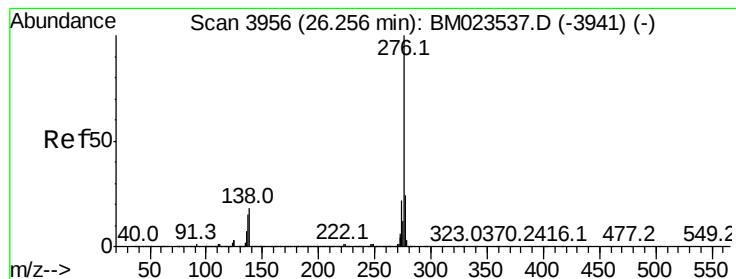
Delta R.T. -0.04 min

Lab File: BM023539.D

Acq: 01 Nov 2019 02:52

Tgt Ion:252	Resp:	208900
Ion Ratio	Lower	Upper
252	100	
253	31.1	17.8 26.6#
125	63.4	6.8 10.2#





#94

Benzo(a,h,i)perylene

Concen: 1.038 ng/ul

RT: 26.26 min Scan# 3957

Delta R.T. 0.01 min

Lab File: BM023539.D

Acq: 01 Nov 2019 02:52

Instrument :

BNA_M

ClientSampleId :

Tot Ion: 276 Resp: 143530

Ion Ratio Lower Upper

276 100

138 23.9 14.4 21.6#

277 23.7 19.0 28.6

