

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082619\
 Data File : BM022338.D
 Acq On : 26 Aug 2019 19:34
 Operator : HP/JU
 Sample : K4242-08RE
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Aug 27 11:57:48 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Aug 27 11:54:35 2019
 Response via : Initial Calibration

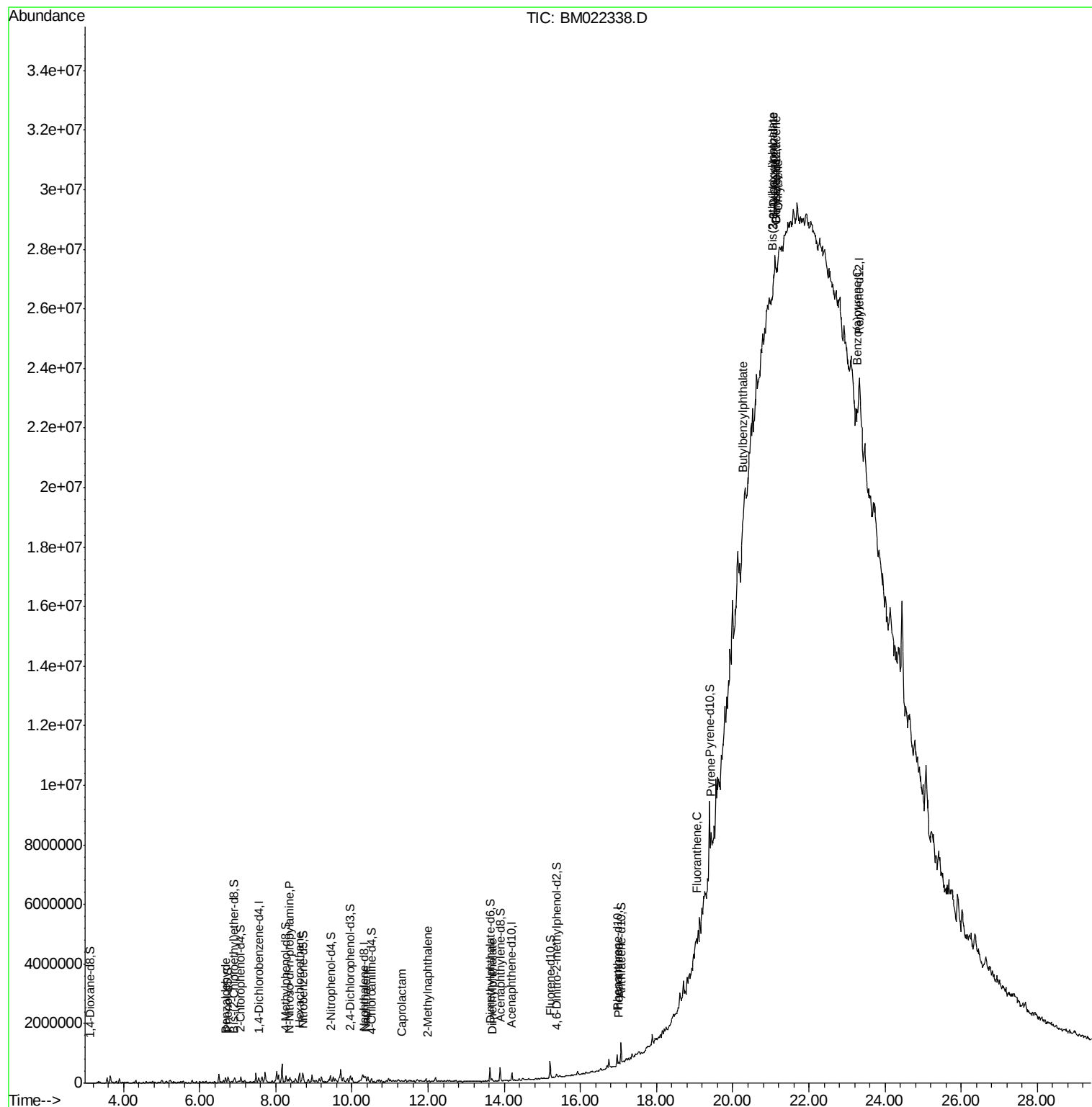
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	32502	20.00	ng/ul	0.00
18) Naphthalene-d8	10.32	136	135931	20.00	ng/ul	-0.01
35) Acenaphthene-d10	14.20	164	83936	20.00	ng/ul	-0.01
61) Phenanthrene-d10	16.97	188	178846	20.00	ng/ul	0.00
77) Chrysene-d12	21.15	240	3980	20.00	ng/ul	-0.03
85) Perylene-d12	23.31	264	1312779	20.00	ng/ul	-0.06
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.13	96	2658	3.66	ng/uL	0.00
5) Phenol-d5	6.75	99	68394	24.38	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.90	67	43996	26.96	ng/ul	0.00
9) 2-Chlorophenol-d4	7.08	132	61987	27.37	ng/ul	0.00
13) 4-Methylphenol-d8	8.27	113	57803	23.78	ng/ul	0.00
19) Nitrobenzene-d5	8.72	128	35266	34.80	ng/ul	0.00
22) 2-Nitrophenol-d4	9.43	143	38203	32.38	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.96	165	72933	30.37	ng/ul	0.00
29) 4-Chloroaniline-d4	10.50	131	22178	7.59	ng/ul	0.00
43) Dimethylphthalate-d6	13.63	166	250340	33.87	ng/ul	0.00
46) Acenaphthylene-d8	13.89	160	264906	33.27	ng/ul	0.00
51) 4-Nitrophenol-d4	14.44	143	139	0.13	ng/ul	-0.02
57) Fluorene-d10	15.20	176	202275	33.00	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.37	200	21329	15.46	ng/ul	0.00
70) Anthracene-d10	17.07	188	326563	34.48	ng/ul	0.00
78) Pyrene-d10	19.39	212	793605	3836.64	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.17	264	3790	0.05	ng/ul	-0.06
Target Compounds				Ovalue		
4) Benzaldehyde	6.69	77	9059	5.611	ng/ul#	1
15) N-Nitroso-di-n-propylamine	8.37	70	17298	8.131	ng/ul#	54
17) Hexachloroethane	8.62	117	27824	24.138	ng/ul#	1
28) Naphthalene	10.36	128	18801	2.506	ng/ul#	44
32) Caprolactam	11.30	113	1063	1.408	ng/ul#	1
34) 2-Methylnaphthalene	11.99	142	9927	1.718	ng/ul	95
44) Dimethylphthalate	13.67	163	44923	5.973	ng/ul	98
69) Phenanthrene	17.01	178	25667	2.399	ng/ul#	87
76) Fluoranthene	19.04	202	156264	9.692	ng/ul	98
79) Pyrene	19.42	202	238439	925.578	ng/ul	97
80) Butylbenzylphthalate	20.27	149	20087	184.236	ng/ul	95
81) 3,3'-Dichlorobenzidine	21.08	252	13360	129.035	ng/ul#	1
82) Benzo(a)anthracene	21.14	228	560	1.869	ng/ul#	1
83) Bis(2-ethylhexyl)phthalate	21.04	149	36113	220.117	ng/ul#	28
84) Chrysene	21.19	228	105473	376.576	ng/ul#	64
90) Benzo(a)pyrene	23.27	252	277533	3.188	ng/ul#	1

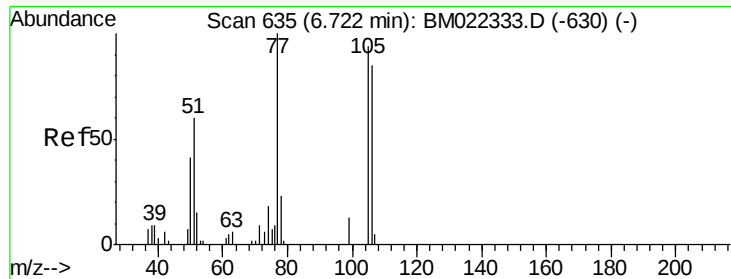
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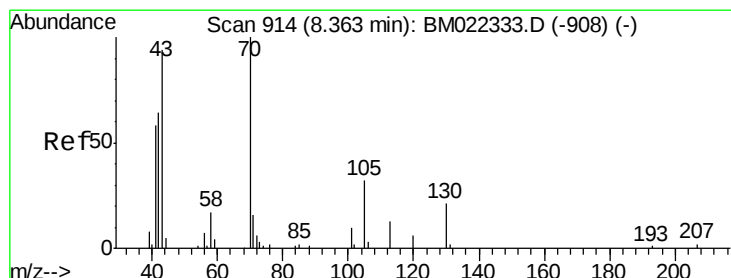
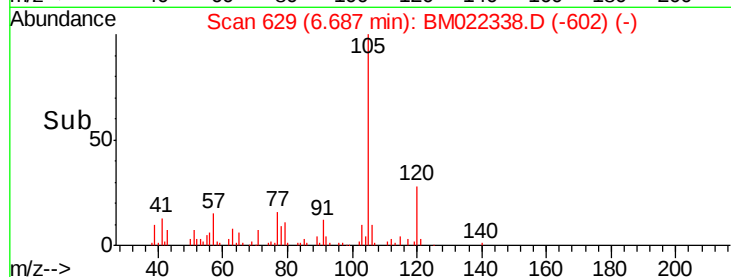
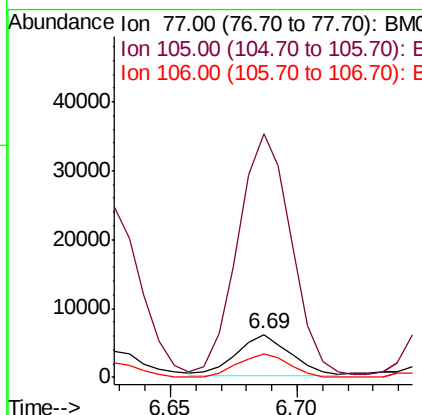
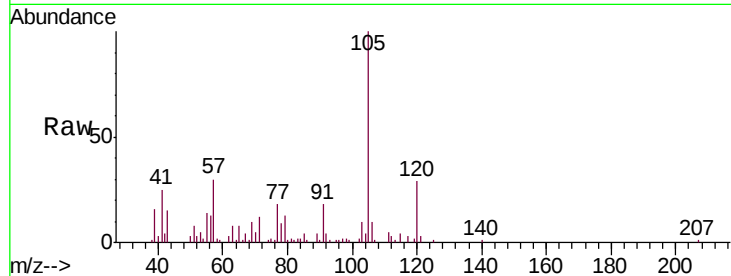




#4
Benzaldehyde
Concen: 5.611 ng/ul
RT: 6.69 min Scan# 629
Delta R.T. -0.04 min
Lab File: BM022338.D
Acq: 26 Aug 2019 19:34

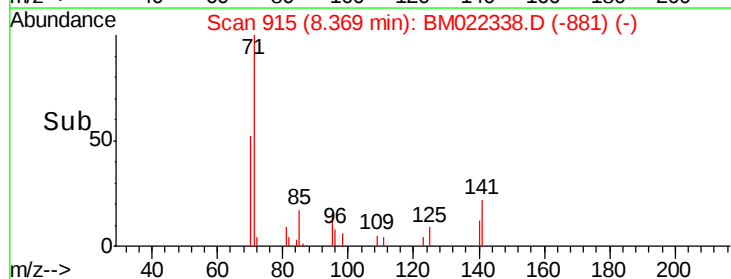
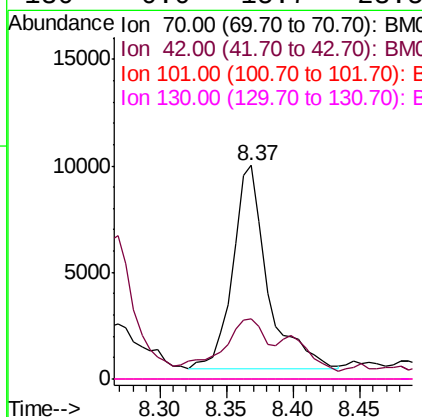
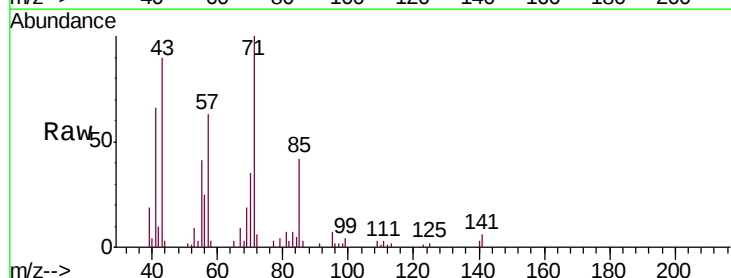
Instrument :
BNA_M
ClientSampled :

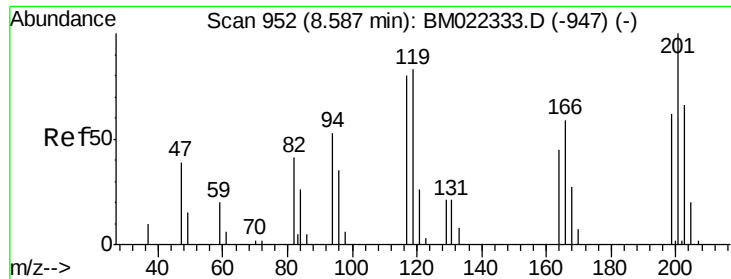
Tot Ion: 77 Resp: 9059
Ion Ratio Lower Upper
77 100
105 570.1 71.7 107.5#
106 55.2 71.7 107.5#



#15
N-Nitroso-di-n-propylamine
Concen: 8.131 ng/ul
RT: 8.37 min Scan# 915
Delta R.T. -0.00 min
Lab File: BM022338.D
Acq: 26 Aug 2019 19:34

Tgt Ion: 70 Resp: 17298
Ion Ratio Lower Upper
70 100
42 28.2 55.1 82.7#
101 0.0 8.0 12.0#
130 0.0 15.7 23.5#

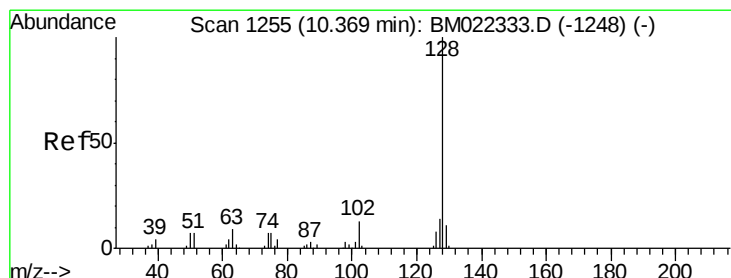
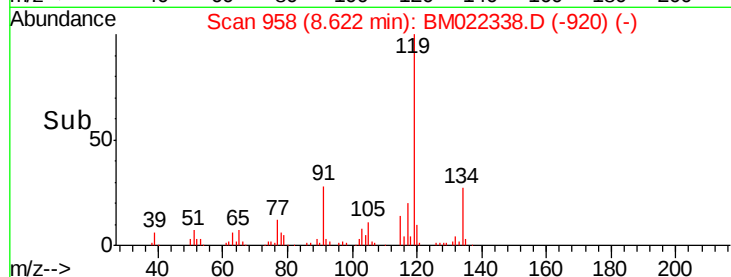
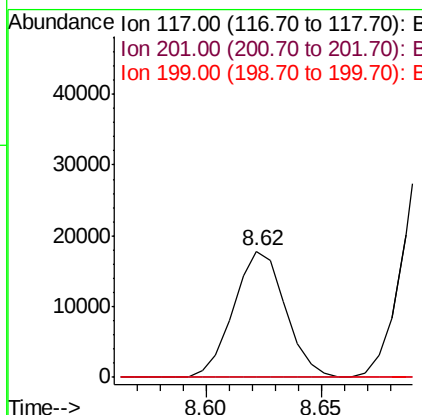
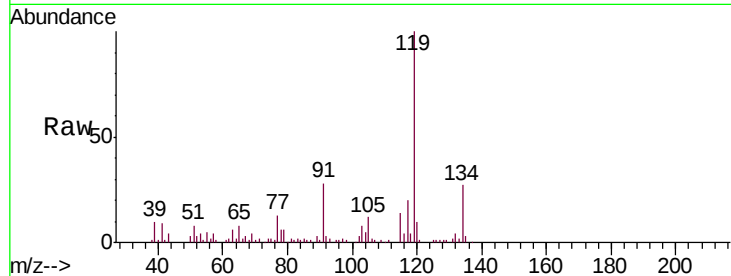




#17
Hexachloroethane
Concen: 24.138 ng/ul
RT: 8.62 min Scan# 958
Delta R.T. 0.02 min
Lab File: BM022338.D
Acq: 26 Aug 2019 19:34

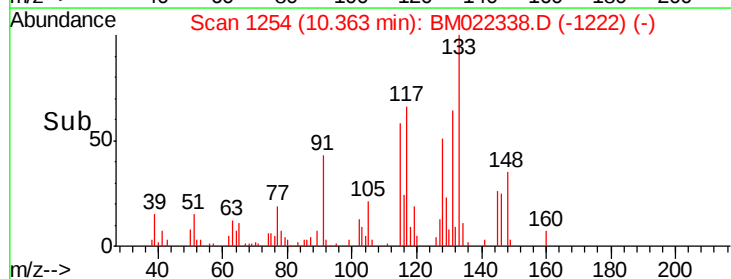
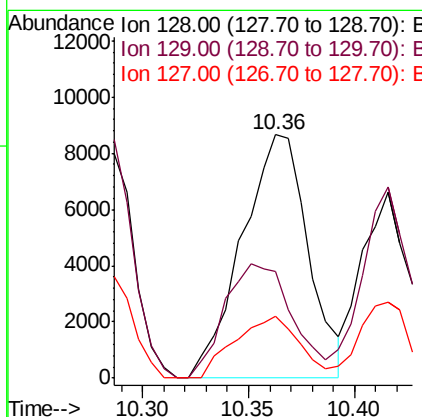
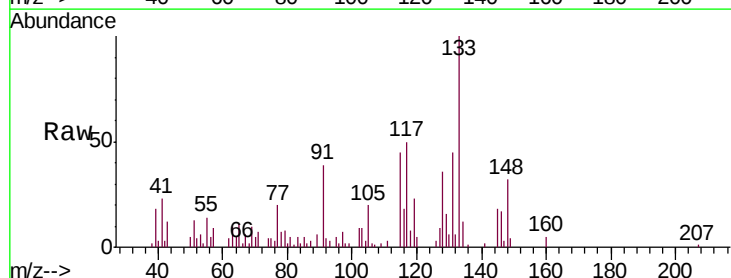
Instrument :
BNA_M
ClientSampleId :

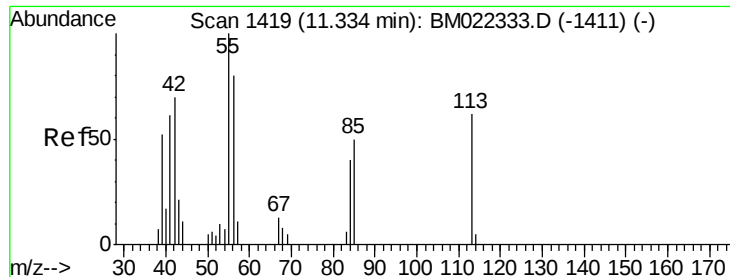
Tot Ion:117 Resp: 27824
Ion Ratio Lower Upper
117 100
201 0.0 95.9 143.9#
199 0.0 60.6 90.8#



#28
Naphthalene
Concen: 2.506 ng/ul
RT: 10.36 min Scan# 1254
Delta R.T. -0.01 min
Lab File: BM022338.D
Acq: 26 Aug 2019 19:34

Tgt Ion:128 Resp: 18801
Ion Ratio Lower Upper
128 100
129 43.7 8.6 13.0#
127 25.3 10.4 15.6#





#32

Caprolactam

Concen: 1.408 ng/ul

RT: 11.30 min Scan# 1413

Delta R.T. -0.04 min

Lab File: BM022338.D

Acq: 26 Aug 2019 19:34

Instrument :

BNA_M

ClientSampleId :

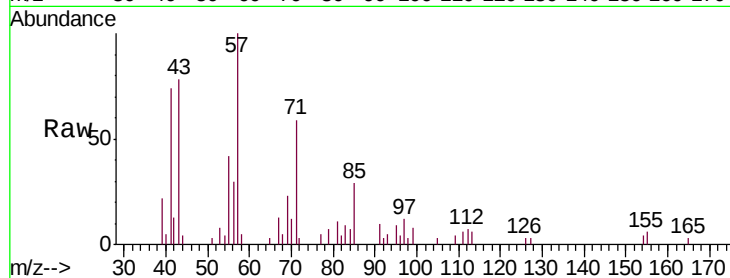
Tot Ion:113 Resp: 1063

Ion Ratio Lower Upper

113 100

55 640.5 111.6 167.4#

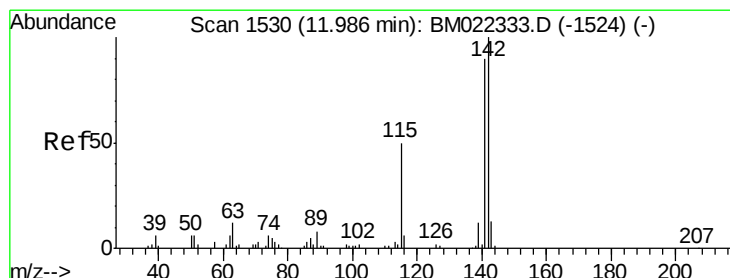
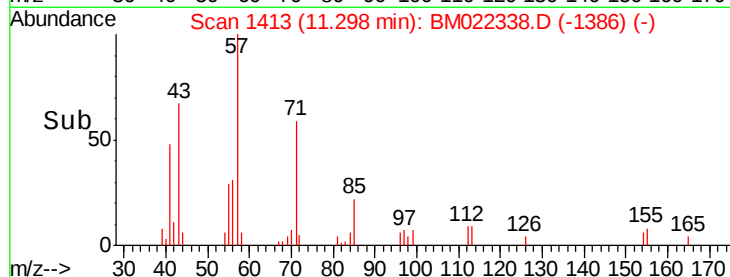
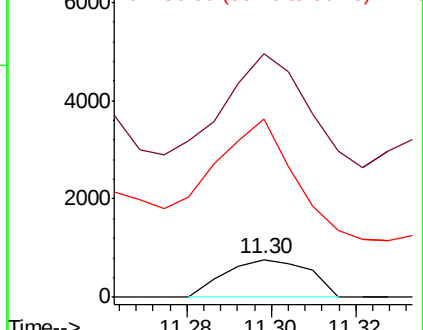
56 467.9 104.6 157.0#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BM0

Ion 56.00 (55.70 to 56.70): BM0



#34

2-Methylnaphthalene

Concen: 1.718 ng/ul

RT: 11.99 min Scan# 1531

Delta R.T. -0.01 min

Lab File: BM022338.D

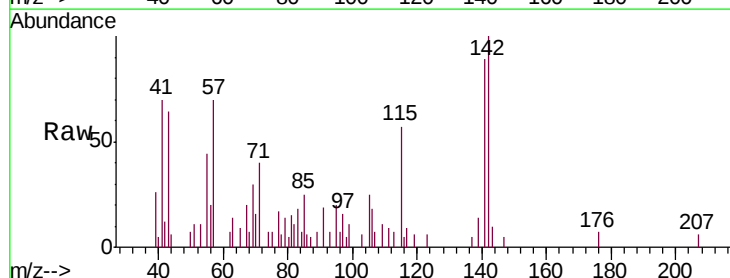
Acq: 26 Aug 2019 19:34

Tgt Ion:142 Resp: 9927

Ion Ratio Lower Upper

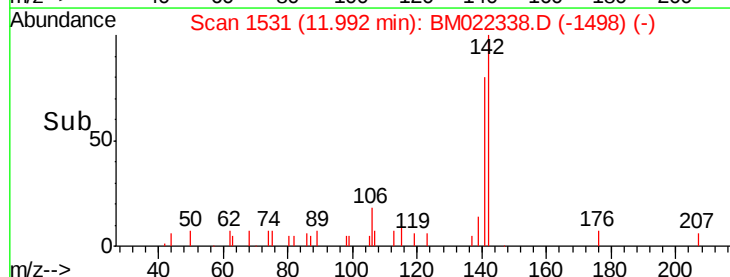
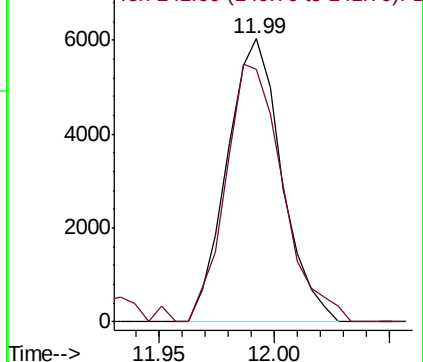
142 100

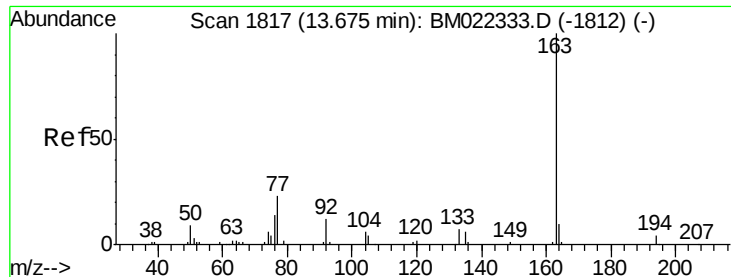
141 89.4 75.1 112.7



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

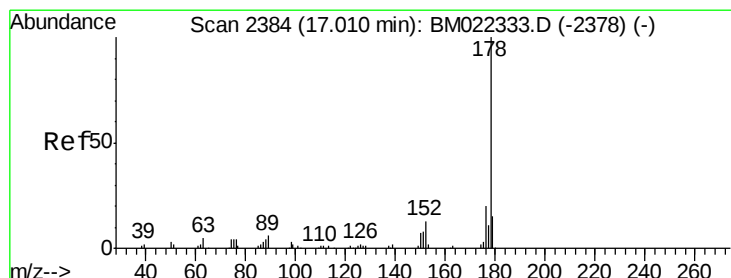
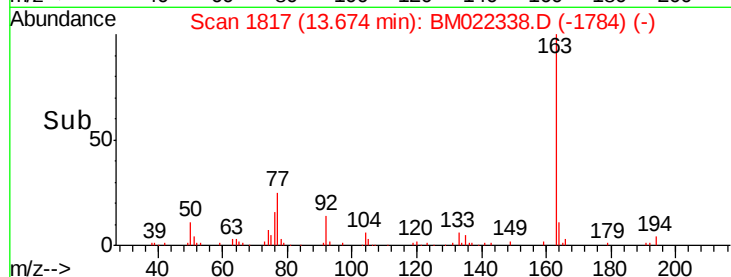
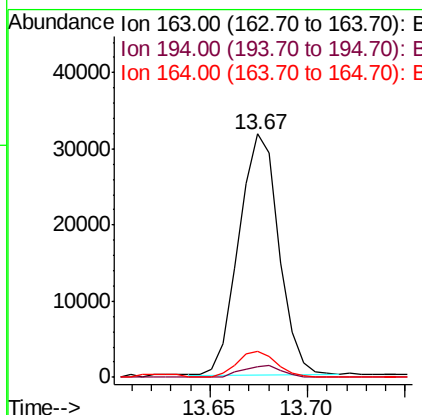
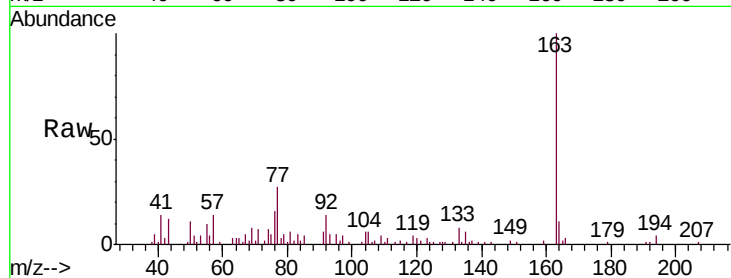




#44
Dimethylphthalate
Concen: 5.973 ng/ul
RT: 13.67 min Scan# 1817
Delta R.T. -0.01 min
Lab File: BM022338.D
Acq: 26 Aug 2019 19:34

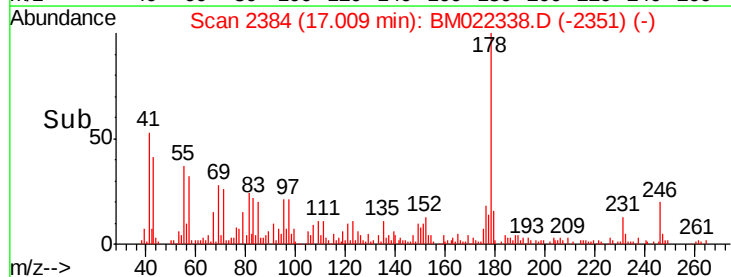
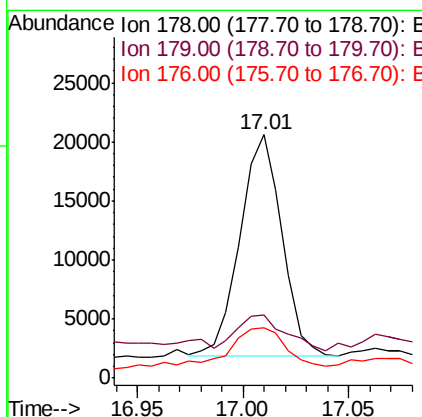
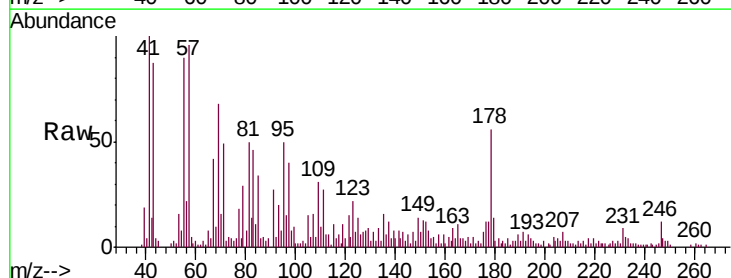
Instrument :
BNA_M
ClientSampleId :

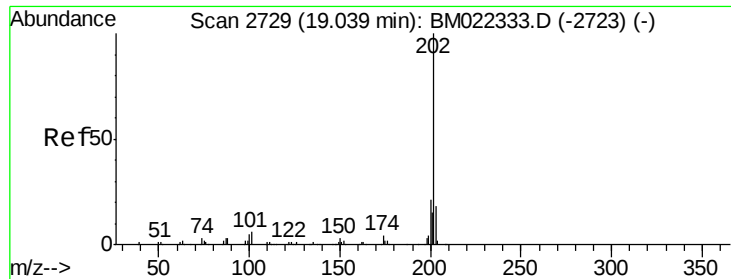
Tot Ion:163 Resp: 44923
Ion Ratio Lower Upper
163 100
194 4.3 3.0 4.6
164 10.6 7.8 11.8



#69
Phenanthrene
Concen: 2.399 ng/ul
RT: 17.01 min Scan# 2384
Delta R.T. -0.01 min
Lab File: BM022338.D
Acq: 26 Aug 2019 19:34

Tgt Ion:178 Resp: 25667
Ion Ratio Lower Upper
178 100
179 25.7 12.4 18.6#
176 20.6 15.4 23.0

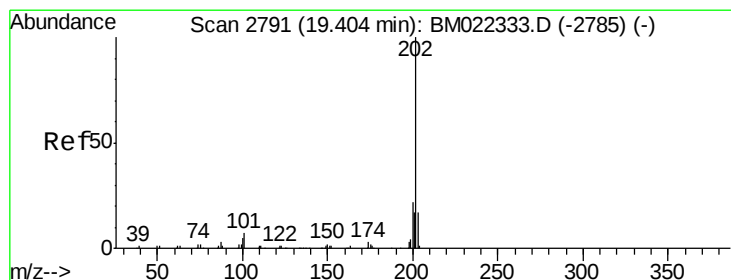
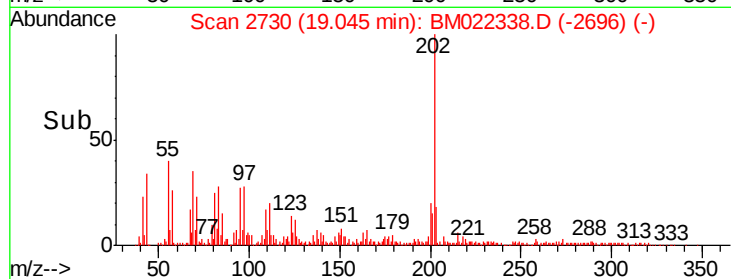
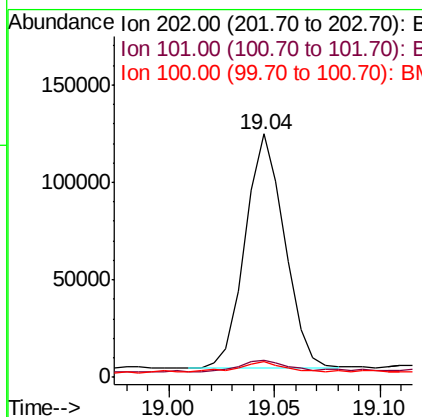
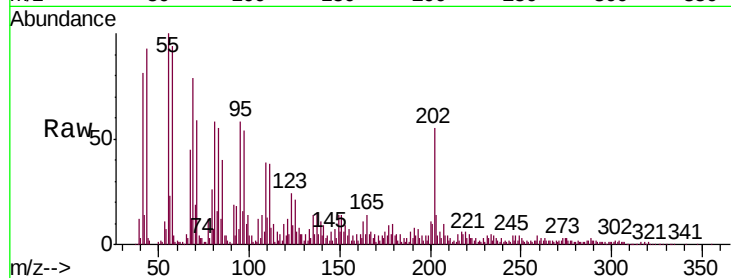




#76
Fluoranthene
Concen: 9.692 ng/ul
RT: 19.04 min Scan# 2730
Delta R.T. -0.00 min
Lab File: BM022338.D
Acq: 26 Aug 2019 19:34

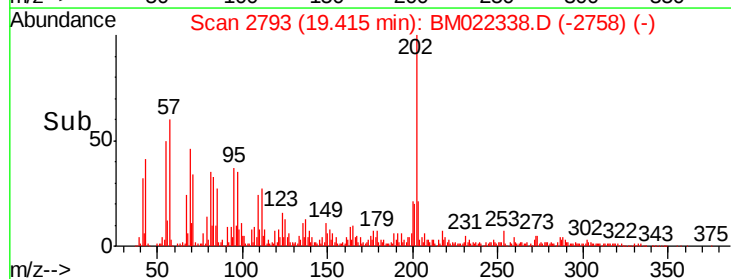
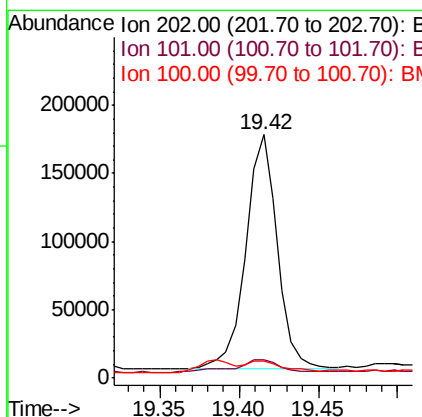
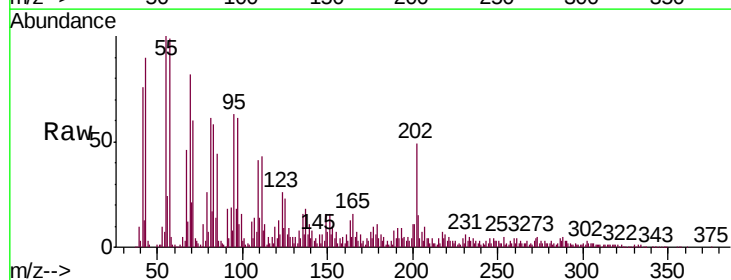
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ClientSampleId :

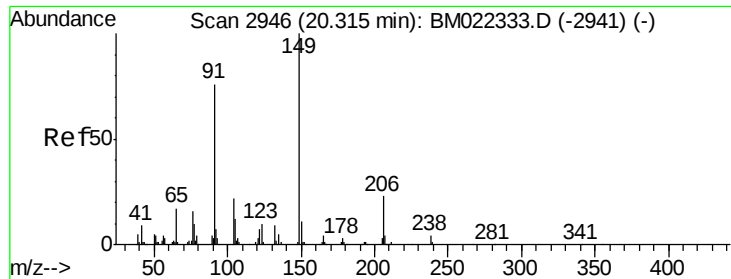
Tot Ion	Ratio	Resp	Lower	Upper
202	100	156264		
101	7.0	5.3	7.9	
100	6.4	4.6	6.8	



#79
Pyrene
Concen: 925.578 ng/ul
RT: 19.42 min Scan# 2793
Delta R.T. 0.01 min
Lab File: BM022338.D
Acq: 26 Aug 2019 19:34

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	238439		
101	7.4	7.0	10.4	
100	6.9	5.8	8.8	

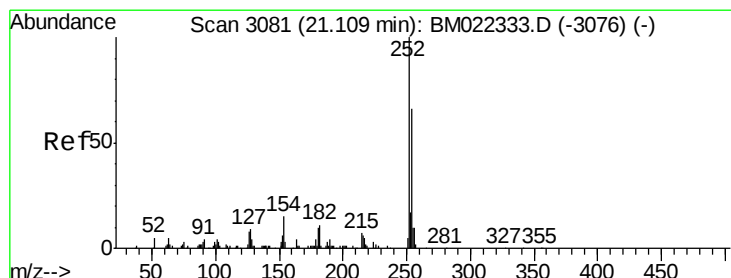
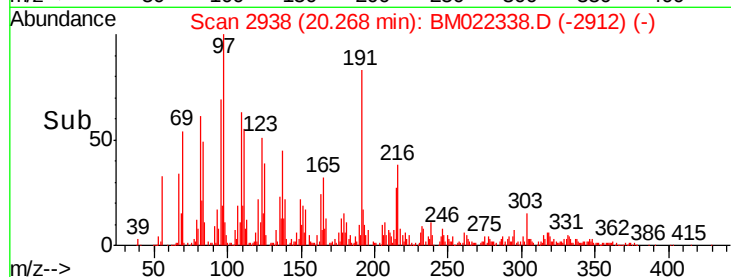
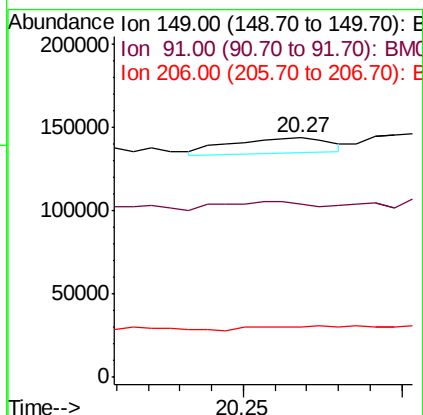
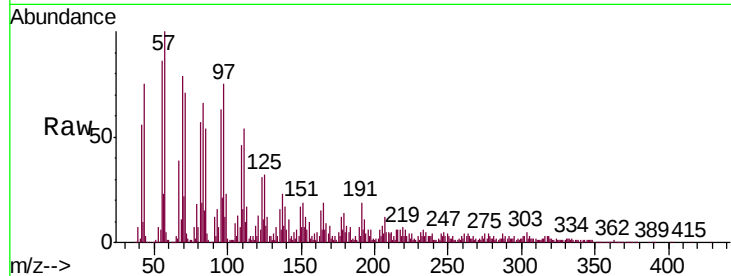




#80
 Butylbenzylphthalate
 Concen: 184.236 ng/ul
 RT: 20.27 min Scan# 2938
 Delta R.T. -0.05 min
 Lab File: BM022338.D
 Acq: 26 Aug 2019 19:34

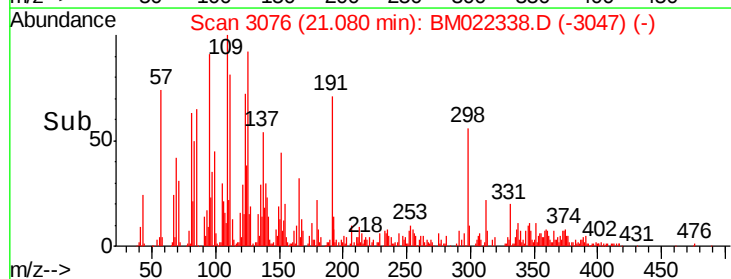
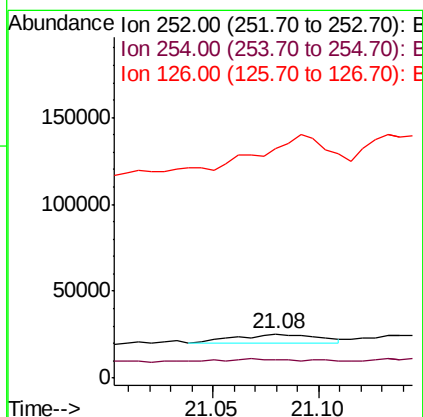
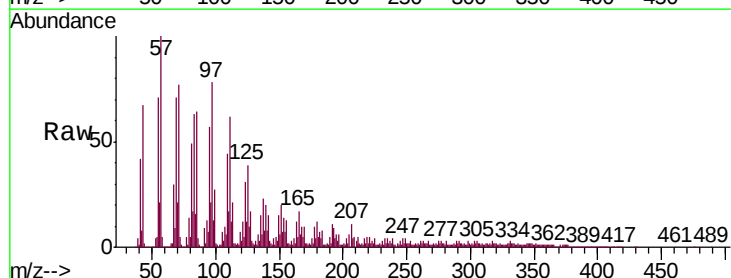
Instrument :
 BNA_M
 ClientSampled :

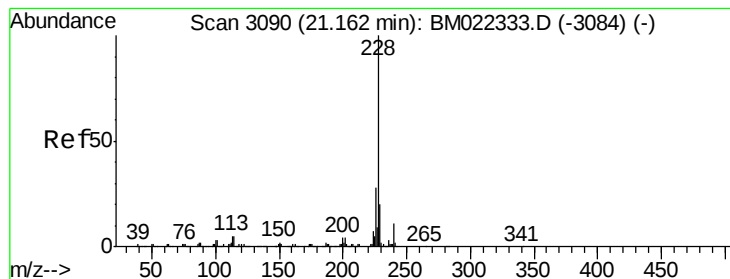
Tot Ion	Ratio	Lower	Upper
149	100		
91	72.3	61.8	92.8
206	21.3	16.6	25.0



#81
 3,3'-Dichlorobenzidine
 Concen: 129.035 ng/ul
 RT: 21.08 min Scan# 3076
 Delta R.T. -0.03 min
 Lab File: BM022338.D
 Acq: 26 Aug 2019 19:34

Tgt Ion	Ratio	Lower	Upper
252	100		
254	40.7	51.3	76.9#
126	515.6	7.3	10.9#





#82

Benzo(a)anthracene

Concen: 1.869 ng/ul

RT: 21.14 min Scan# 3086

Delta R.T. -0.02 min

Lab File: BM022338.D

Acq: 26 Aug 2019 19:34

Instrument :

BNA_M

ClientSampleId :

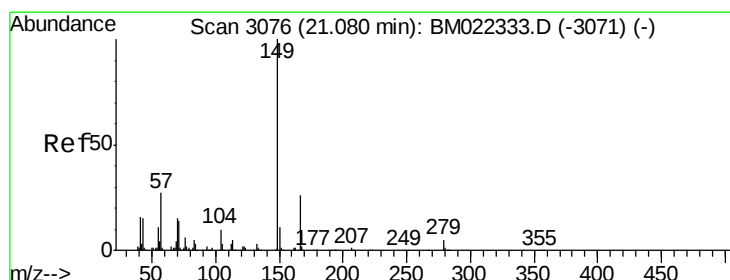
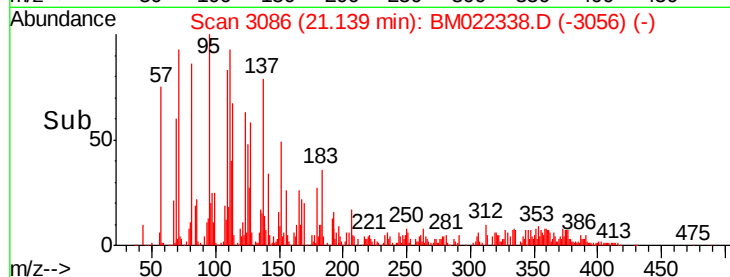
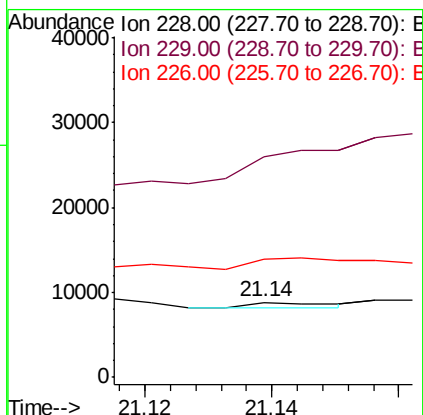
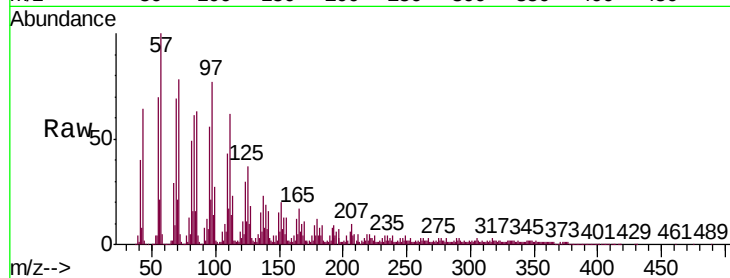
Tot Ion:228 Resp: 560

Ion Ratio Lower Upper

228 100

229 295.1 15.2 22.8#

226 159.0 22.3 33.5#



#83

Bis(2-ethylhexyl)phthalate

Concen: 220.117 ng/ul

RT: 21.04 min Scan# 3070

Delta R.T. -0.04 min

Lab File: BM022338.D

Acq: 26 Aug 2019 19:34

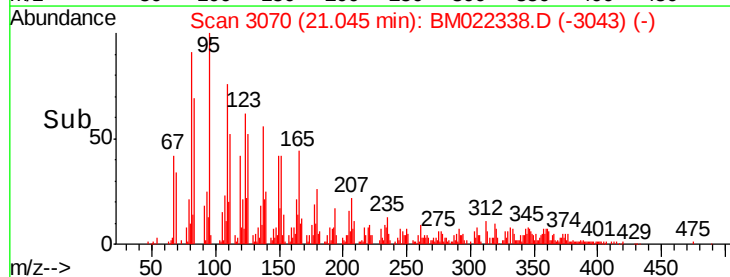
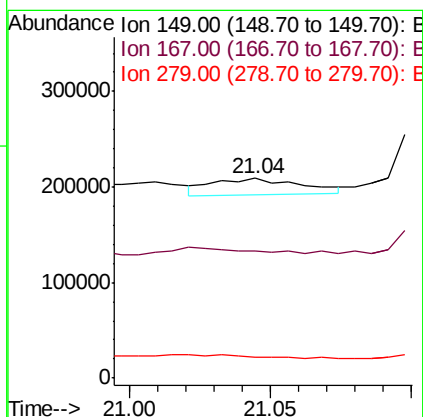
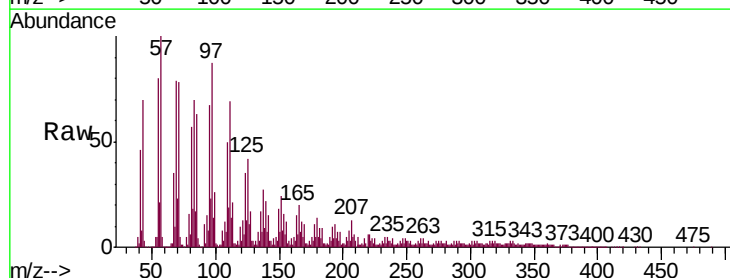
Tgt Ion:149 Resp: 36113

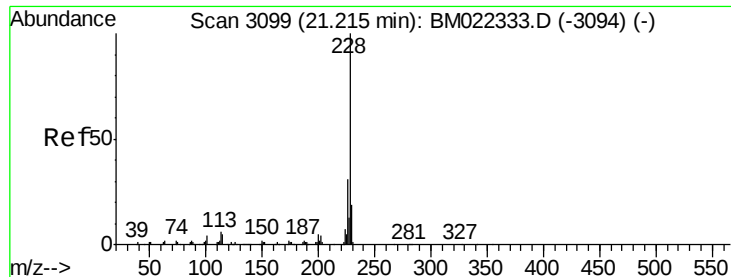
Ion Ratio Lower Upper

149 100

167 63.7 19.1 28.7#

279 10.3 3.3 4.9#





#84

Chrysene

Concen: 376.576 ng/ul

RT: 21.19 min Scan# 3095

Delta R.T. -0.02 min

Lab File: BM022338.D

Acq: 26 Aug 2019 19:34

Instrument :

BNA_M

ClientSampleId :

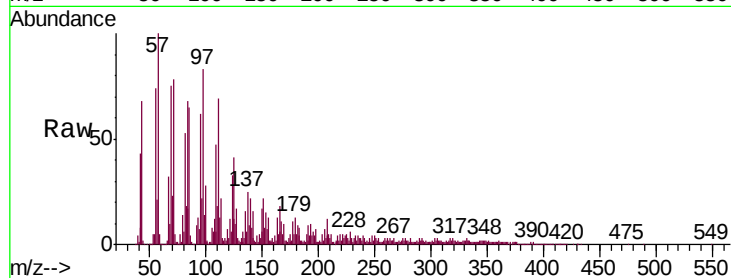
Tot Ion:228 Resp: 105473

Ion Ratio Lower Upper

228 100

226 39.9 24.7 37.1#

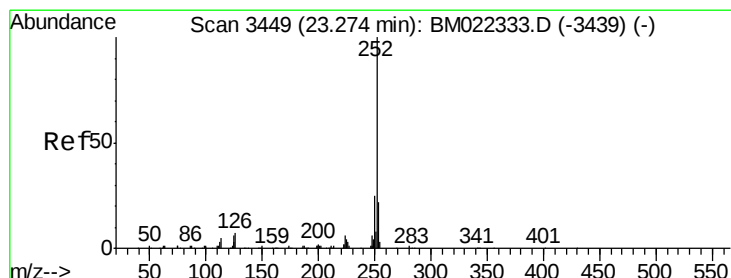
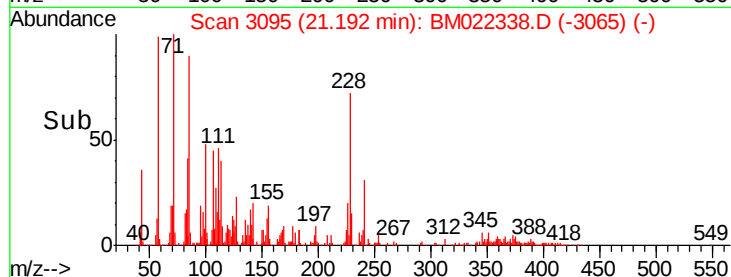
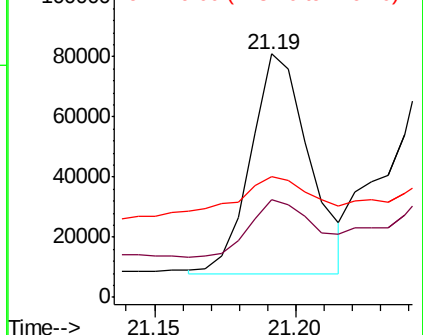
229 49.7 15.7 23.5#



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



#90

Benzo(a)pyrene

Concen: 3.188 ng/ul

RT: 23.27 min Scan# 3448

Delta R.T. -0.01 min

Lab File: BM022338.D

Acq: 26 Aug 2019 19:34

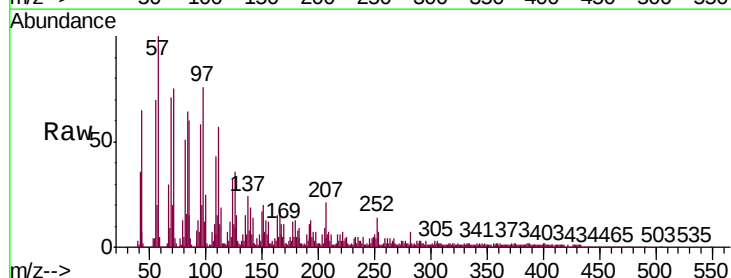
Tgt Ion:252 Resp: 277533

Ion Ratio Lower Upper

252 100

253 48.5 16.9 25.3#

125 257.1 5.5 8.3#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

