

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM062919\
 Data File : BM021295.D
 Acq On : 30 Jun 2019 12:56
 Operator : HP/JU
 Sample : K3590-14
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C5BB3

Quant Time: Jul 01 00:30:04 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sun Jun 30 03:35:19 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	401570	20.00	ng/ul	0.00
18) Naphthalene-d8	10.55	136	1673448	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.40	164	965073	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.15	188	1831271	20.00	ng/ul	0.00
77) Chrysene-d12	21.34	240	1517142	20.00	ng/ul	0.01
85) Perylene-d12	23.62	264	1819417	20.00	ng/ul	0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.28	96	28553	3.38	ng/uL	0.00
5) Phenol-d5	6.93	99	752791	21.54	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.10	67	421437	20.24	ng/ul	0.00
9) 2-Chlorophenol-d4	7.29	132	628939	22.14	ng/ul	0.00
13) 4-Methylphenol-d8	8.46	113	636338	21.81	ng/ul	0.00
19) Nitrobenzene-d5	8.92	128	327801	24.12	ng/ul	0.00
22) 2-Nitrophenol-d4	9.63	143	390076	25.86	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.17	165	726833	23.70	ng/ul	0.00
29) 4-Chloroaniline-d4	10.69	131	45159	1.41	ng/ul	0.00
43) Dimethylphthalate-d6	13.82	166	2136822	24.50	ng/ul	0.00
46) Acenaphthylene-d8	14.09	160	2495256	23.38	ng/ul	0.00
51) 4-Nitrophenol-d4	14.62	143	263748	18.59	ng/ul	0.00
57) Fluorene-d10	15.40	176	1742684	22.98	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.53	200	138408	12.29	ng/ul	0.00
70) Anthracene-d10	17.25	188	2191589	23.03	ng/ul	0.00
78) Pyrene-d10	19.55	212	2039258	22.40	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.48	264	2413870	22.49	ng/ul	0.02

Target Compounds

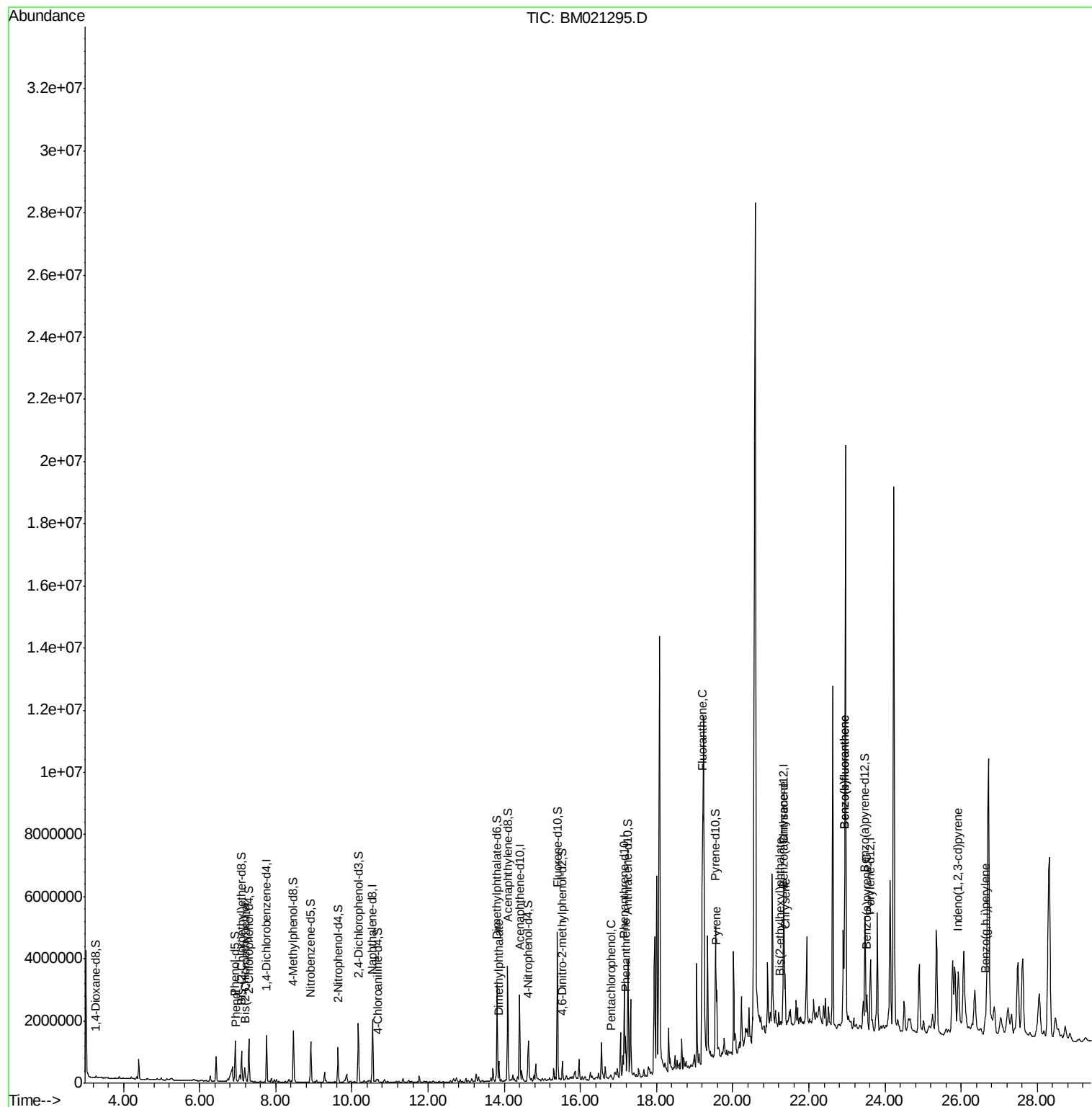
					Qvalue	
6) Phenol	6.96	94	42223	1.277	ng/ul#	89
8) Bis(2-Chloroethyl)ether	7.19	93	203066	8.048	ng/ul#	26
44) Dimethylphthalate	13.86	163	441862	5.566	ng/ul	99
68) Pentachlorophenol	16.80	266	20355	1.577	ng/ul	97
69) Phenanthrene	17.19	178	605969	5.983	ng/ul	98
76) Fluoranthene	19.21	202	1747760	15.971	ng/ul	99
79) Pyrene	19.58	202	1350131	12.588	ng/ul	99
82) Benzo(a)anthracene	21.33	228	723959	6.999	ng/ul	98
83) Bis(2-ethylhexyl)phthalate	21.24	149	92600	1.638	ng/ul	98
84) Chrysene	21.38	228	950937	9.817	ng/ul	98
87) Benzo(b)fluoranthene	22.93	252	1468065	12.738	ng/ul#	96
88) Benzo(k)fluoranthene	22.93	252	1468065	13.241	ng/ul#	96
90) Benzo(a)pyrene	23.52	252	827428	7.628	ng/ul	98
91) Indeno(1,2,3-cd)pyrene	25.91	276	731701	5.728	ng/ul	98
93) Benzo(g,h,i)perylene	26.63	276	603108	5.733	ng/ul	97

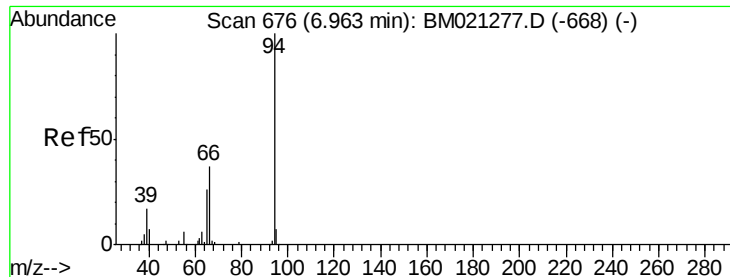
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
QLast Update : Sun Jun 30 03:35:19 2019
Response via : Initial Calibration





#6

Phenol

Concen: 1.277 ng/ul

RT: 6.96 min Scan# 675

Delta R.T. -0.01 min

Lab File: BM021295.D

Acq: 30 Jun 2019 12:56

Instrument :

BNA_M

ClientSampleId :

C5BB3

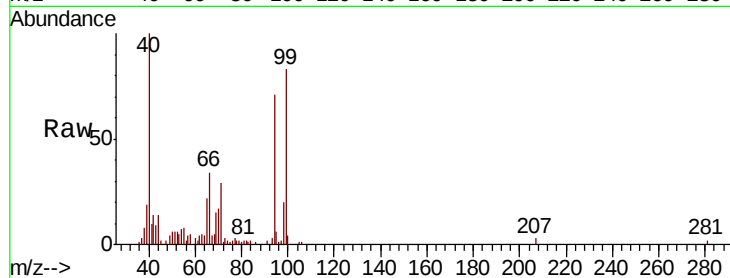
Tgt Ion: 94 Resp: 42223

Ion Ratio Lower Upper

94 100

65 31.2 22.6 34.0

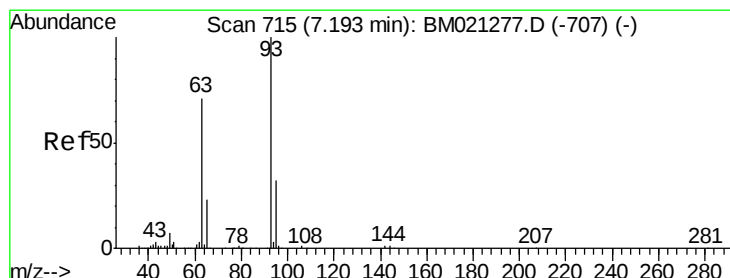
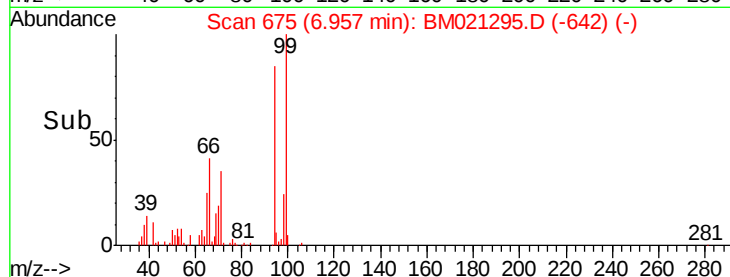
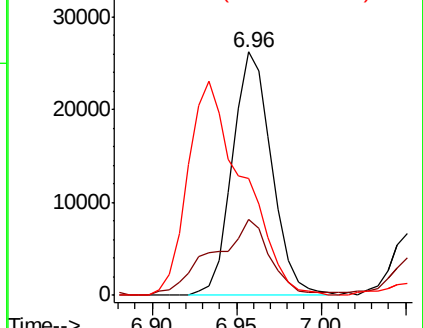
66 47.9 31.2 46.8#



Abundance Ion 94.00 (93.70 to 94.70): BM021277.D (-668) (-)

Ion 65.00 (64.70 to 65.70): BM021277.D (-668) (-)

Ion 66.00 (65.70 to 66.70): BM021277.D (-668) (-)



#8

Bis(2-Chloroethyl)ether

Concen: 8.048 ng/ul

RT: 7.19 min Scan# 714

Delta R.T. -0.01 min

Lab File: BM021295.D

Acq: 30 Jun 2019 12:56

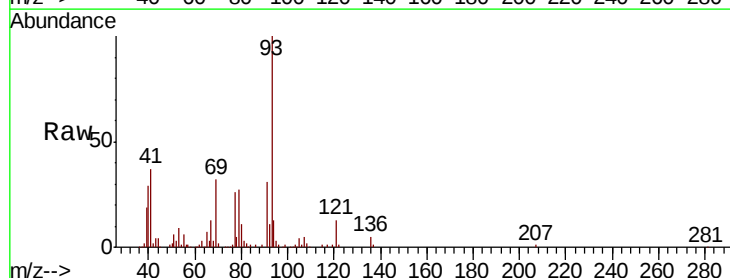
Tgt Ion: 93 Resp: 203066

Ion Ratio Lower Upper

93 100

63 2.6 57.9 86.9#

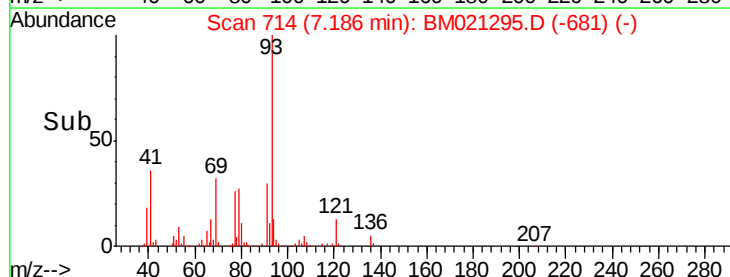
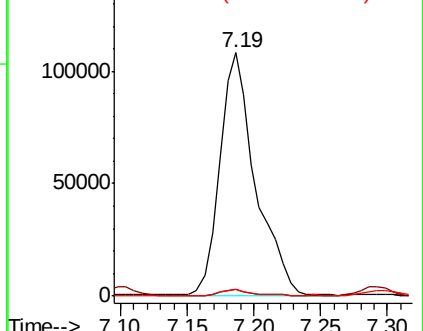
95 2.6 26.2 39.4#

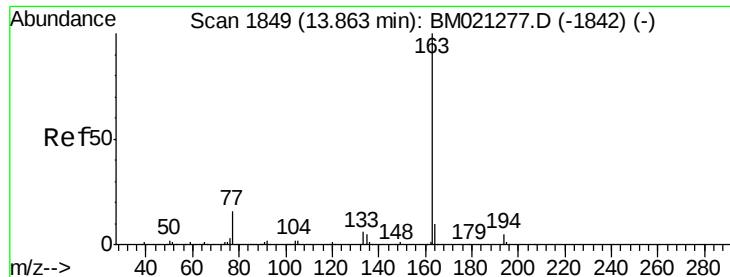


Abundance Ion 93.00 (92.70 to 93.70): BM021277.D (-707) (-)

Ion 63.00 (62.70 to 63.70): BM021277.D (-707) (-)

Ion 95.00 (94.70 to 95.70): BM021277.D (-707) (-)

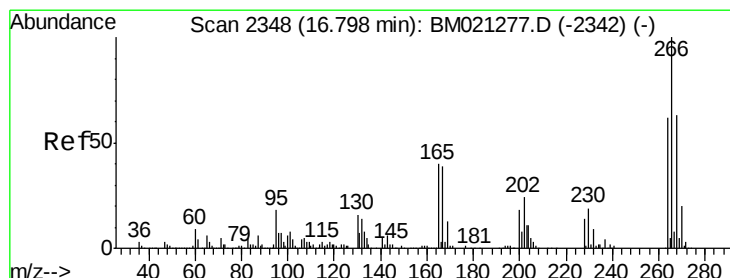
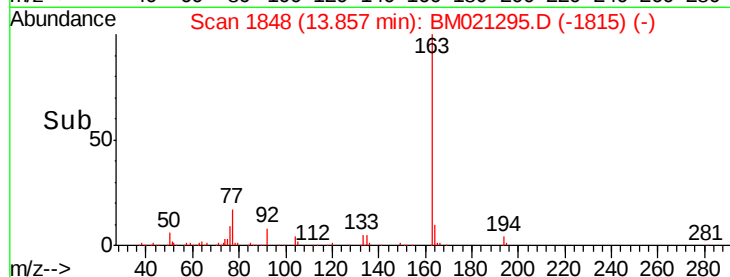
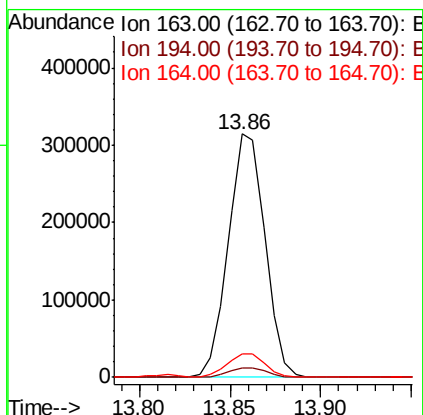
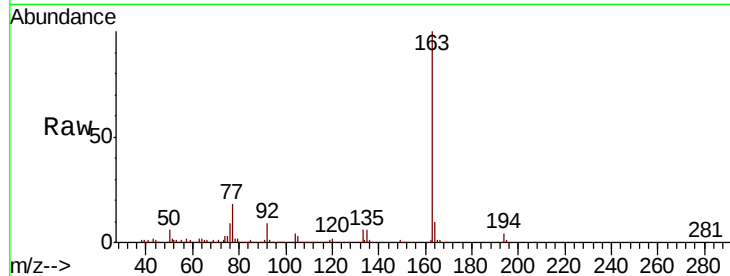




#44
 Dimethylphthalate
 Concen: 5.566 ng/ul
 RT: 13.86 min Scan# 1848
 Delta R.T. -0.01 min
 Lab File: BM021295.D
 Acq: 30 Jun 2019 12:56

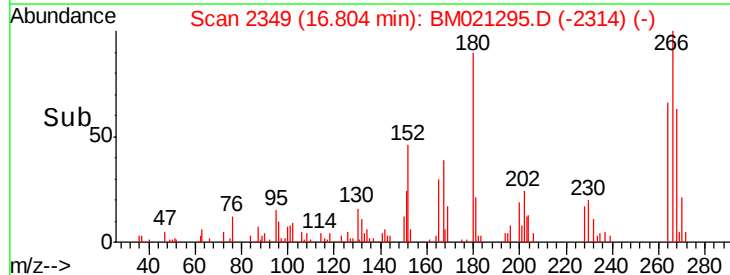
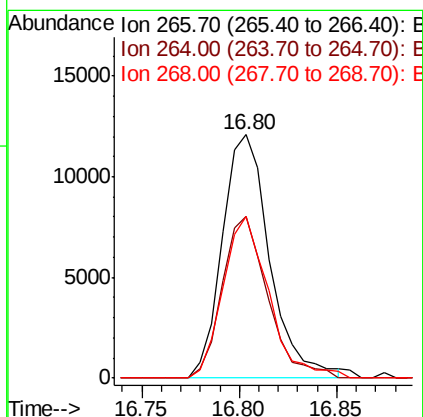
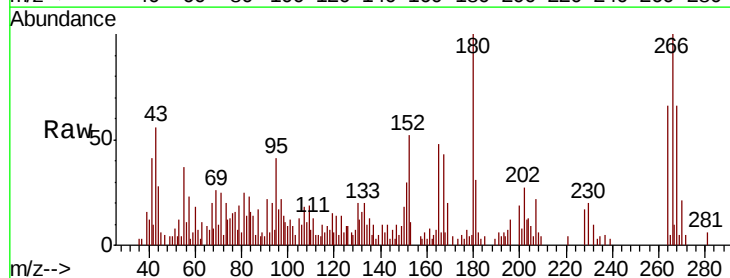
Instrument :
 BNA_M
 ClientSampleId :
 C5BB3

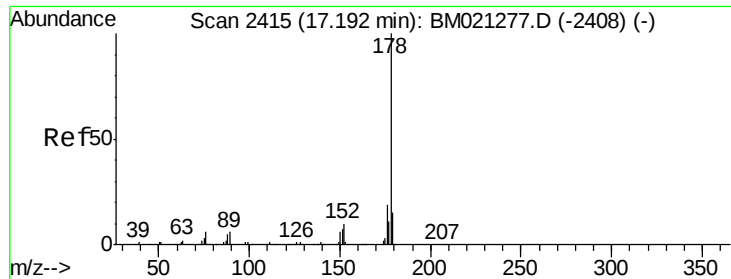
Tgt Ion:163 Resp: 441862
 Ion Ratio Lower Upper
 163 100
 194 4.1 3.4 5.2
 164 9.9 7.7 11.5



#68
 Pentachlorophenol
 Concen: 1.577 ng/ul
 RT: 16.80 min Scan# 2349
 Delta R.T. 0.01 min
 Lab File: BM021295.D
 Acq: 30 Jun 2019 12:56

Tgt Ion:266 Resp: 20355
 Ion Ratio Lower Upper
 266 100
 264 66.5 49.9 74.9
 268 66.4 53.4 80.0





#69

Phenanthrene

Concen: 5.983 ng/ul

RT: 17.19 min Scan# 2415

Delta R.T. -0.00 min

Lab File: BM021295.D

Acq: 30 Jun 2019 12:56

Instrument :

BNA_M

ClientSampleId :

C5BB3

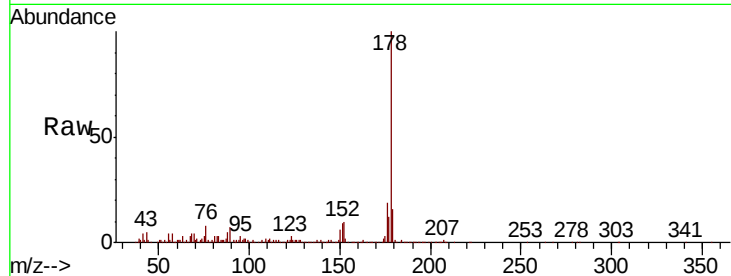
Tgt Ion:178 Resp: 605969

Ion Ratio Lower Upper

178 100

179 15.7 11.8 17.8

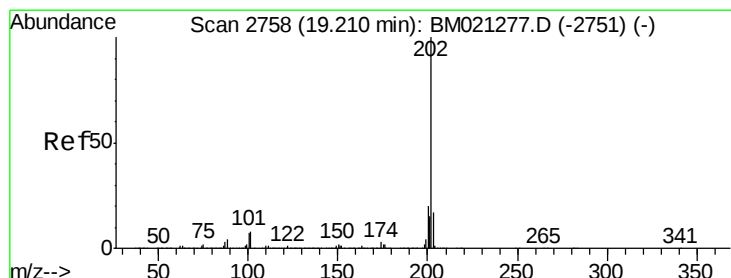
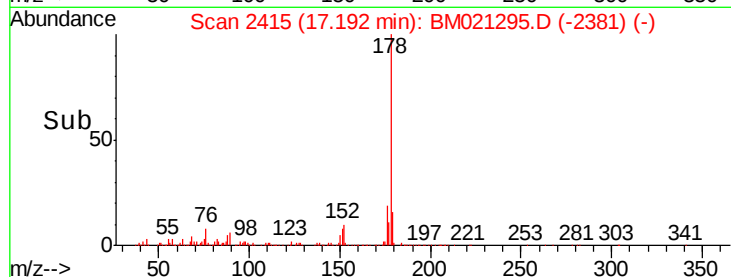
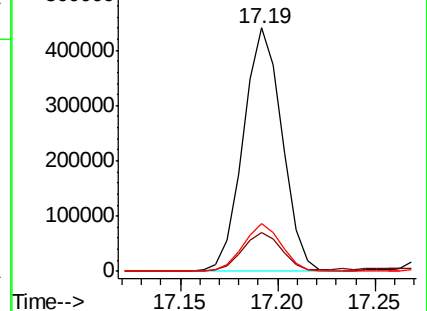
176 19.4 15.0 22.6



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

Fluoranthene

Concen: 15.971 ng/ul

RT: 19.21 min Scan# 2758

Delta R.T. -0.00 min

Lab File: BM021295.D

Acq: 30 Jun 2019 12:56

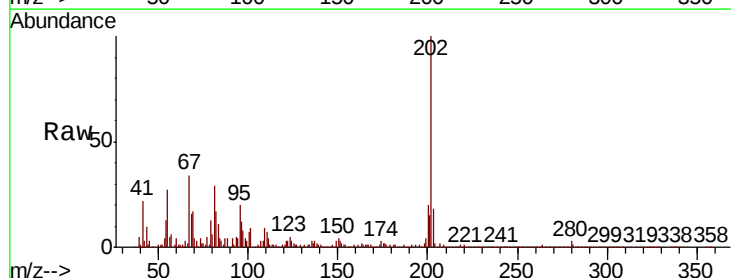
Tgt Ion:202 Resp: 1747760

Ion Ratio Lower Upper

202 100

101 9.3 6.7 10.1

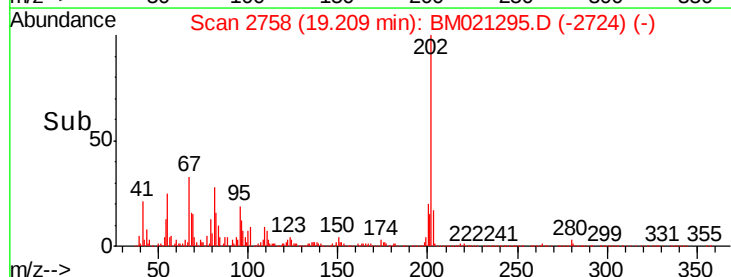
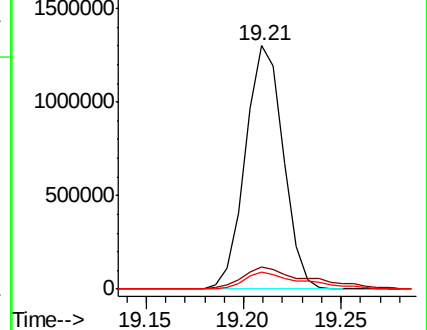
100 6.9 5.5 8.3

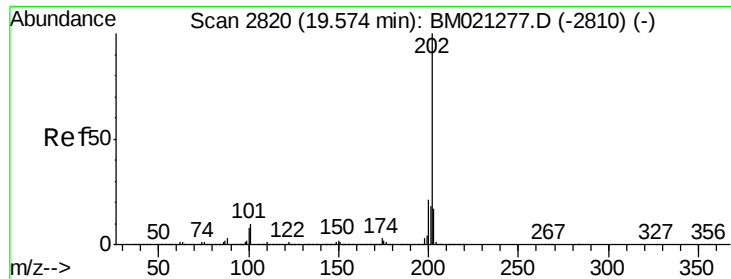


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E

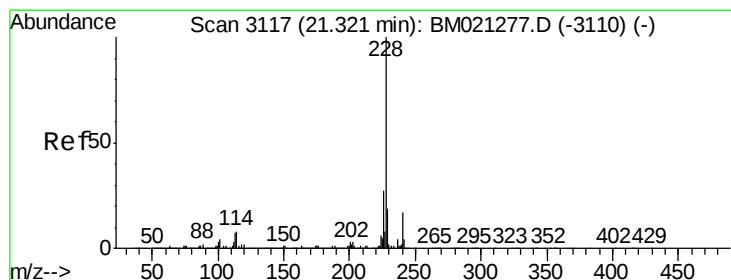
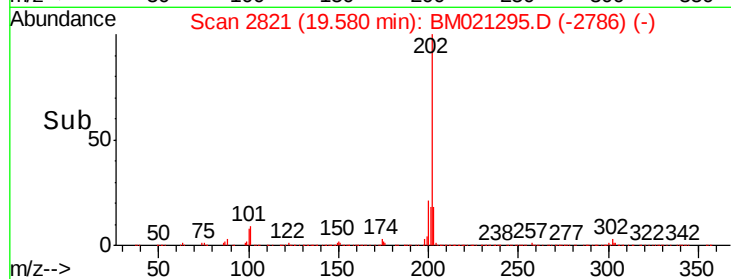
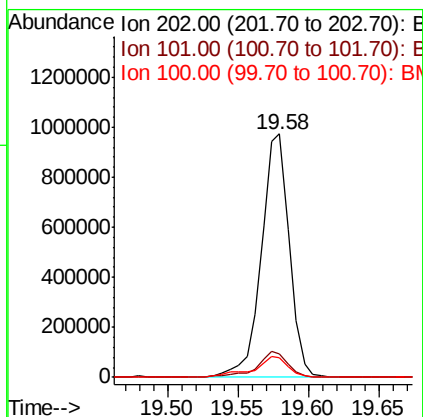
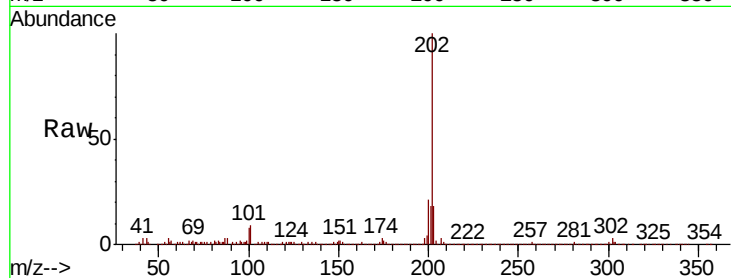




#79
 Pyrene
 Concen: 12.588 ng/ul
 RT: 19.58 min Scan# 2821
 Delta R.T. 0.01 min
 Lab File: BM021295.D
 Acq: 30 Jun 2019 12:56

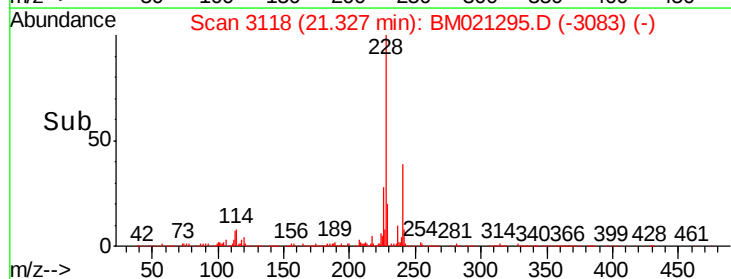
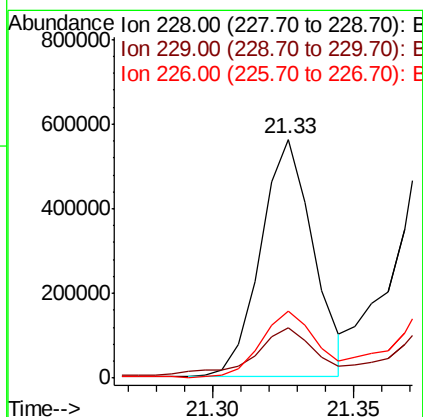
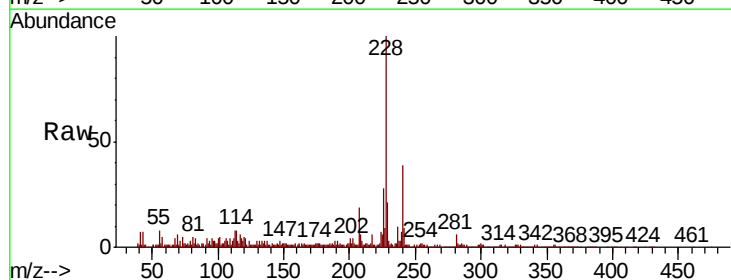
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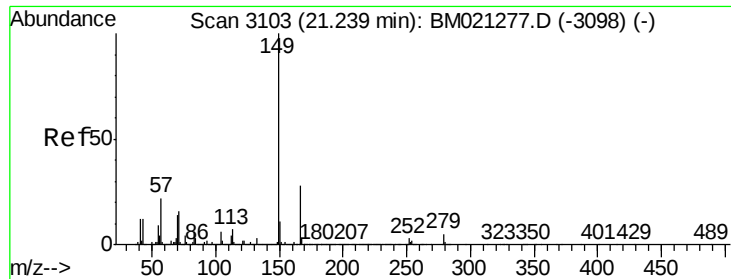
Tgt Ion	Ratio	Lower	Upper
202	100		
101	9.4	8.1	12.1
100	7.9	6.6	10.0



#82
 Benzo(a)anthracene
 Concen: 6.999 ng/ul
 RT: 21.33 min Scan# 3118
 Delta R.T. 0.01 min
 Lab File: BM021295.D
 Acq: 30 Jun 2019 12:56

Tgt Ion	Ratio	Lower	Upper
228	100		
229	21.1	15.8	23.8
226	27.8	21.4	32.2

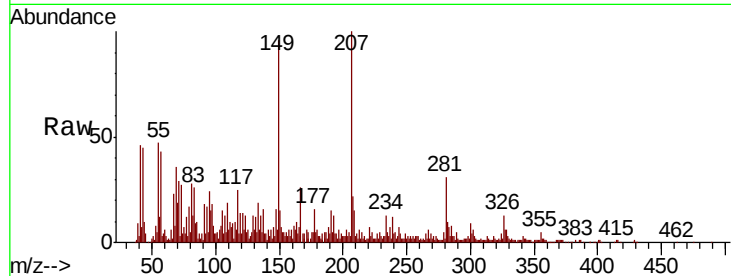




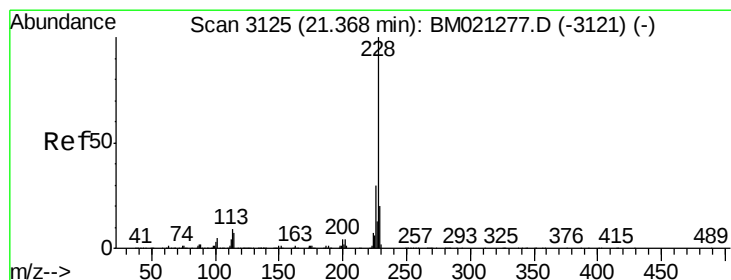
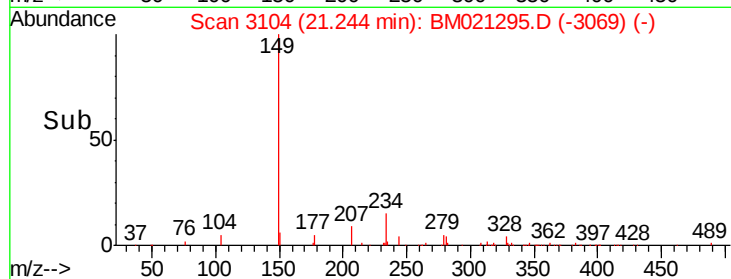
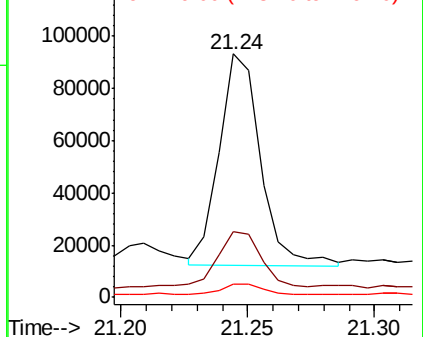
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 1.638 ng/ul
 RT: 21.24 min Scan# 3104
 Delta R.T. 0.01 min
 Lab File: BM021295.D
 Acq: 30 Jun 2019 12:56

Instrument :
 BNA_M
 ClientSampleId :
 C5BB3

Tgt Ion:149 Resp: 92600
 Ion Ratio Lower Upper
 149 100
 167 27.1 22.3 33.5
 279 5.3 3.8 5.6

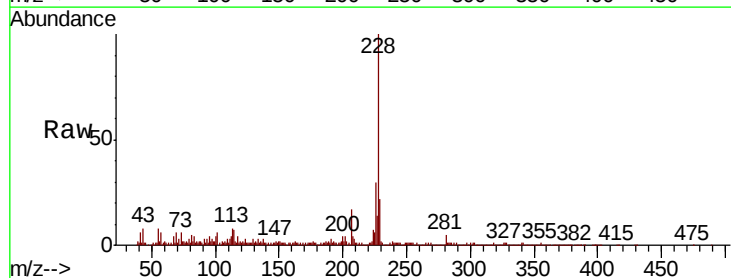


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

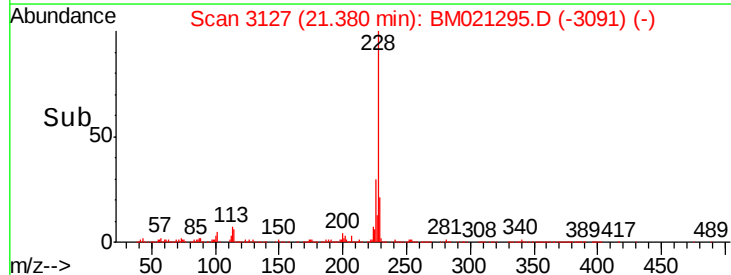
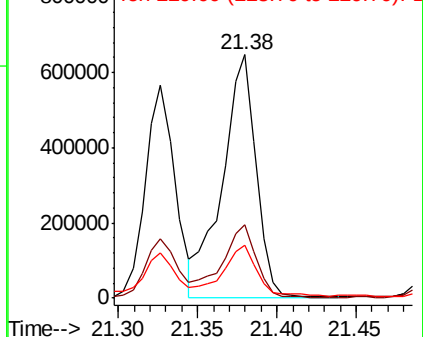


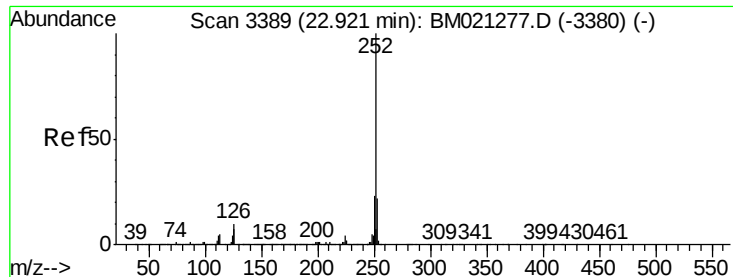
#84
 Chrysene
 Concen: 9.817 ng/ul
 RT: 21.38 min Scan# 3127
 Delta R.T. 0.01 min
 Lab File: BM021295.D
 Acq: 30 Jun 2019 12:56

Tgt Ion:228 Resp: 950937
 Ion Ratio Lower Upper
 228 100
 226 30.0 23.9 35.9
 229 21.6 15.4 23.2



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

Benzo(b)fluoranthene

Concen: 12.738 ng/u1

RT: 22.93 min Scan# 3391

Delta R.T. 0.01 min

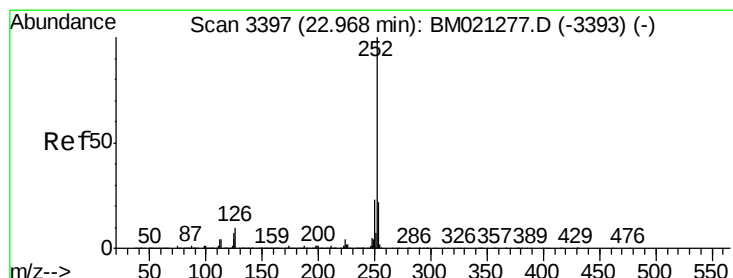
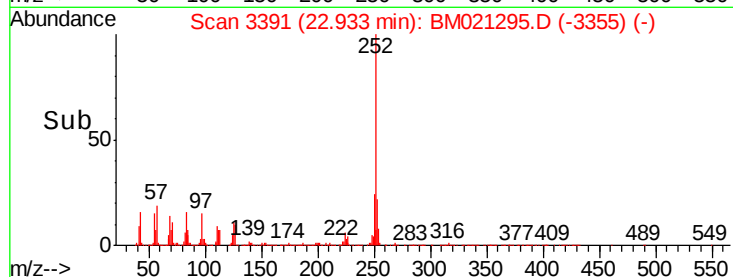
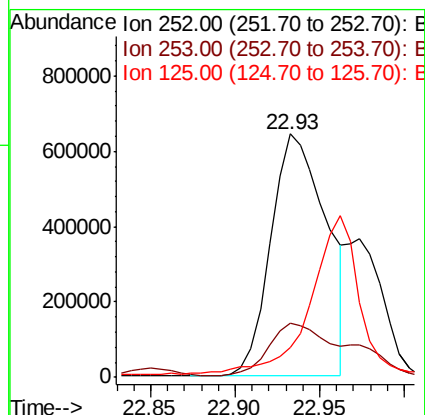
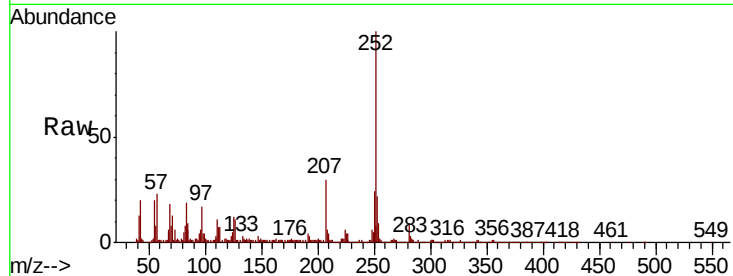
Lab File: BM021295.D

Acq: 30 Jun 2019 12:56

Instrument :
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Tgt Ion:252 Resp: 1468065

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.5	26.3
125	12.3	6.3	9.5#



#88

Benzo(k)fluoranthene

Concen: 13.241 ng/u1

RT: 22.93 min Scan# 3391

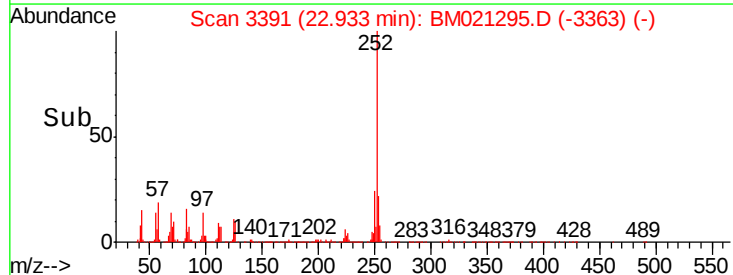
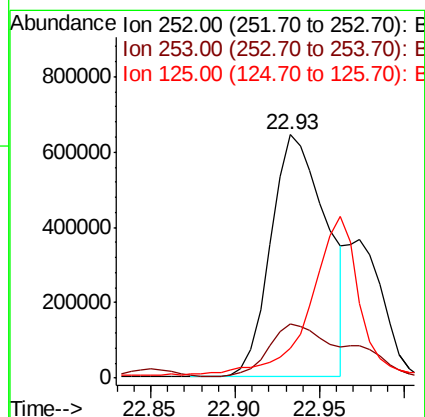
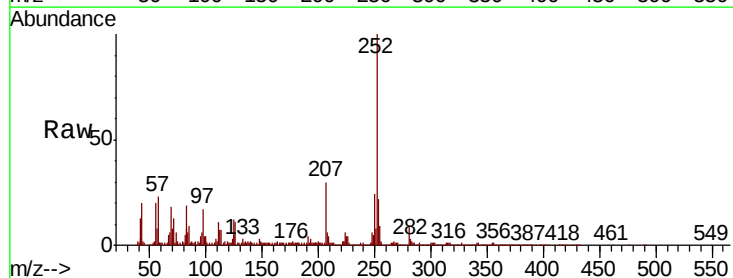
Delta R.T. -0.04 min

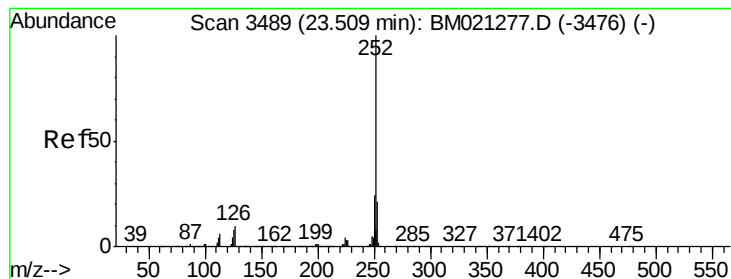
Lab File: BM021295.D

Acq: 30 Jun 2019 12:56

Tgt Ion:252 Resp: 1468065

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.5	26.3
125	12.3	6.6	9.8#

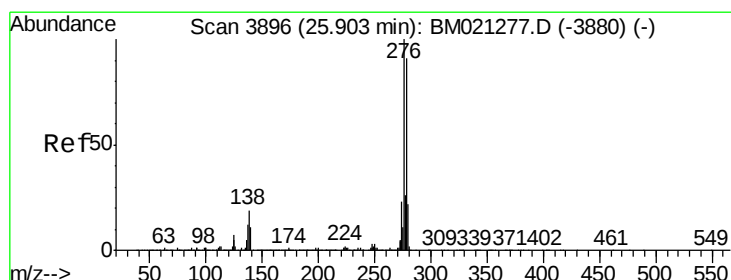
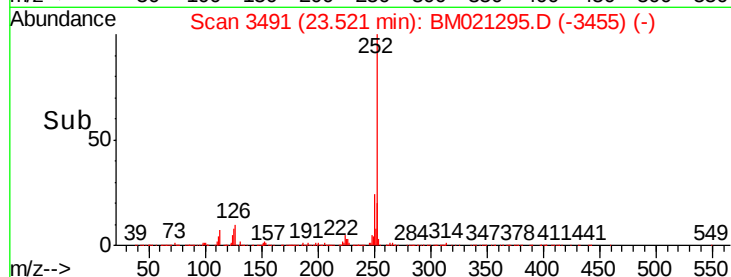
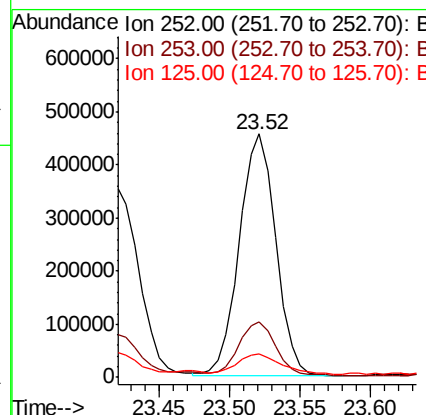
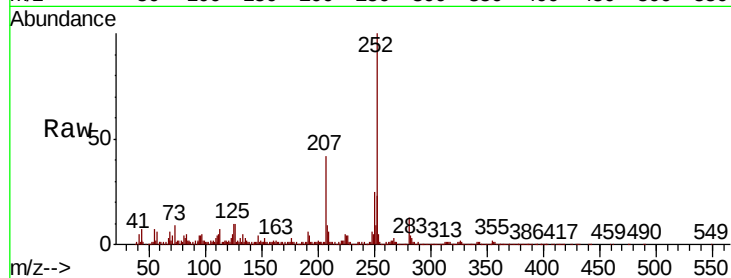




#90
Benzo(a)pyrene
Concen: 7.628 ng/ul
RT: 23.52 min Scan# 3491
Delta R.T. 0.01 min
Lab File: BM021295.D
Acq: 30 Jun 2019 12:56

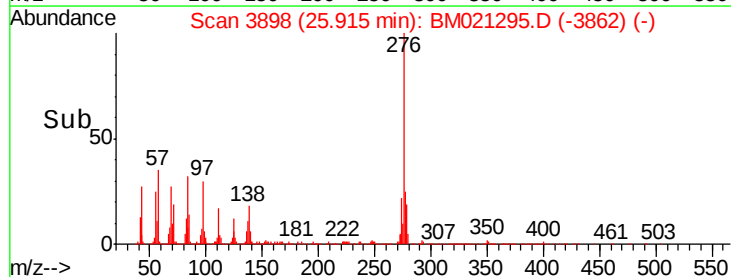
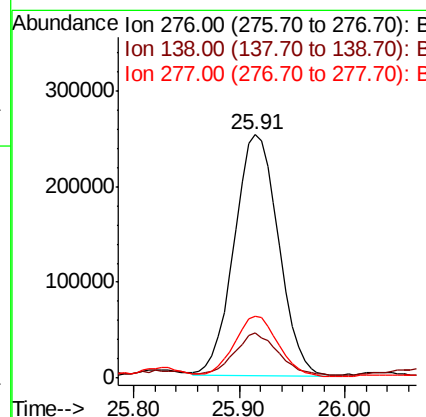
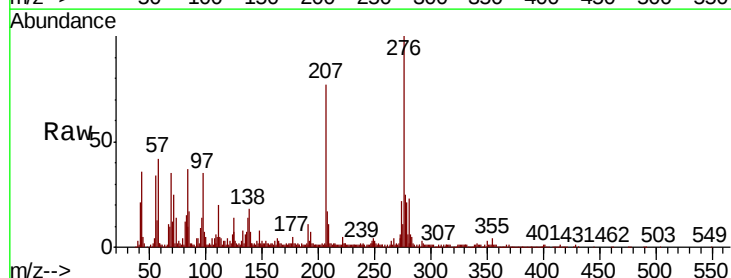
Instrument :
BNA_M
ClientSampleId :
C5BB3

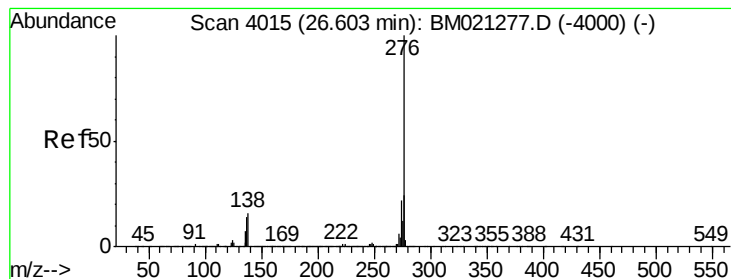
Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.8	26.8
125	9.8	7.2	10.8



#91
Indeno(1,2,3-cd)pyrene
Concen: 5.728 ng/ul
RT: 25.91 min Scan# 3898
Delta R.T. 0.01 min
Lab File: BM021295.D
Acq: 30 Jun 2019 12:56

Tgt Ion	Ratio	Lower	Upper
276	100		
138	18.4	15.9	23.9
277	25.3	20.4	30.6





#93

Benzo(g,h,i)perylene

Concen: 5.733 ng/ul

RT: 26.63 min Scan# 4019

Delta R.T. 0.02 min

Lab File: BM021295.D

Acq: 30 Jun 2019 12:56

Instrument :

BNA_M

ClientSampleId :

C5BB3

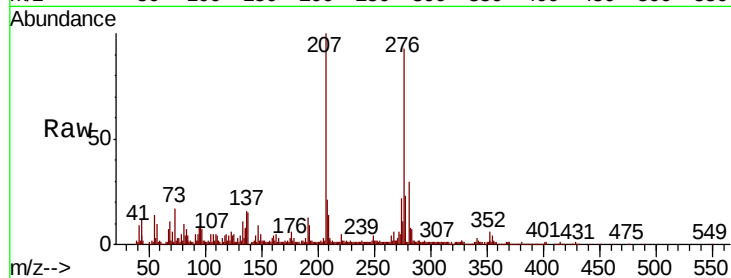
Tgt Ion: 276 Resp: 603108

Ion Ratio Lower Upper

276 100

138 16.6 14.6 21.8

277 24.6 18.9 28.3



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

