

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052219\
 Data File : BM020498.D
 Acq On : 22 May 2019 19:09
 Operator : JU/SJ
 Sample : K2814-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4246

Manual Integrations
 APPROVED

mohammad

Quant Time: May 23 08:52:55 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051619MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu May 23 07:52:10 2019
 Response via : Initial Calibration

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	67831	20.00	ng/ul	0.00
18) Naphthalene-d8	10.47	136	267331	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.34	164	165271	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.09	188	401570	20.00	ng/ul	0.00
77) Chrysene-d12	21.29	240	426664	20.00	ng/ul	0.00
85) Perylene-d12	23.54	264	489425	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.15	96	5679	3.09	ng/uL	0.00
5) Phenol-d5	6.85	99	82588	15.26	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.02	67	56551	16.44	ng/ul	0.00
9) 2-Chlorophenol-d4	7.21	132	63644	16.04	ng/ul	0.00
13) 4-Methylphenol-d8	8.39	113	53084	13.47	ng/ul	0.00
19) Nitrobenzene-d5	8.85	128	29847	17.16	ng/ul	0.00
22) 2-Nitrophenol-d4	9.56	143	34919	18.20	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.10	165	66758	16.46	ng/ul	0.00
29) 4-Chloroaniline-d4	10.63	131	49116	11.72	ng/ul	0.00
43) Dimethylphthalate-d6	13.75	166	216284	18.19	ng/ul	0.00
46) Acenaphthylene-d8	14.03	160	259859	17.47	ng/ul	0.00
51) 4-Nitrophenol-d4	14.57	143	14609m	8.46	ng/ul	0.00
57) Fluorene-d10	15.33	176	193003	18.25	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.48	200	18722	8.18	ng/ul	0.00
70) Anthracene-d10	17.19	188	294088	17.07	ng/ul	0.00
78) Pyrene-d10	19.49	212	379092	18.45	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.40	264	402601	18.10	ng/ul	0.00

Target Compounds

					Ovalue
4) Benzaldehyde	6.83	77	6650	1.435 ng/ul	87
44) Dimethylphthalate	13.80	163	76454	6.500 ng/ul#	98
69) Phenanthrene	17.13	178	142209	7.432 ng/ul	99
71) Anthracene	17.23	178	24154	1.241 ng/ul	98
76) Fluoranthene	19.16	202	256804	10.625 ng/ul	99
79) Pyrene	19.52	202	293486	11.460 ng/ul	99
82) Benzo(a)anthracene	21.27	228	120349m	4.686 ng/ul	
84) Chrysene	21.33	228	105051	4.281 ng/ul	96
87) Benzo(b)fluoranthene	22.86	252	148989	5.334 ng/ul	95
88) Benzo(k)fluoranthene	22.90	252	45124m	1.645 ng/ul	
90) Benzo(a)pyrene	23.44	252	121592	4.626 ng/ul	98
91) Indeno(1,2,3-cd)pyrene	25.81	276	86224	2.879 ng/ul	97
93) Benzo(g,h,i)perylene	26.52	276	82227	3.316 ng/ul	96

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

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Misc :
ALS Vial : 4 Sample Multiplier: 1

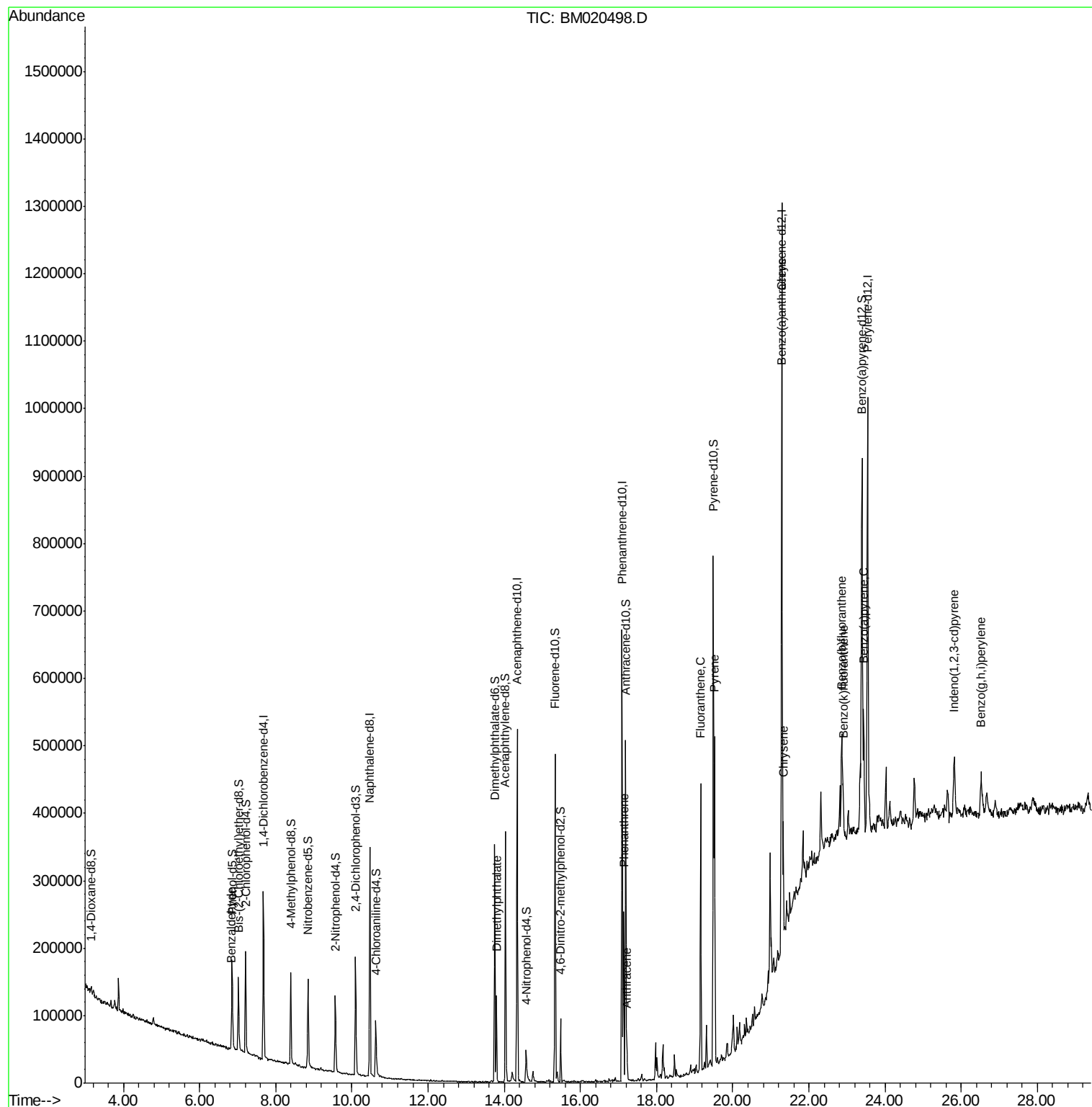
Instrument :
BNA_M
ClientSampleId :
A4246

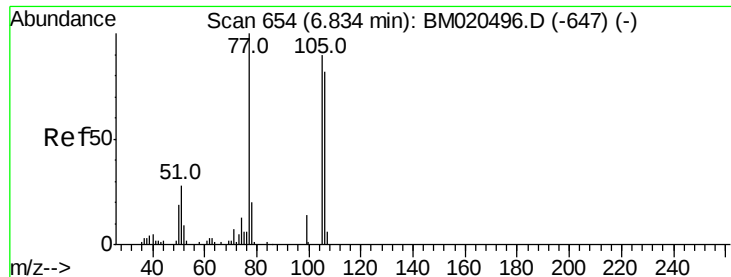
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051619MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu May 23 07:52:10 2019
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#4

Benzaldehyde

Concen: 1.435 ng/ul

RT: 6.83 min Scan# 654

Delta R.T. -0.00 min

Lab File: BM020498.D

Acq: 22 May 2019 19:09

Instrument :

BNA_M

ClientSampled :

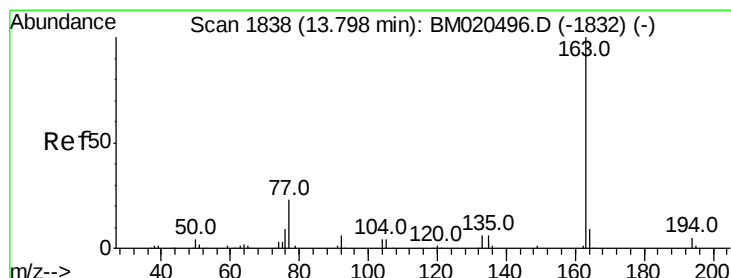
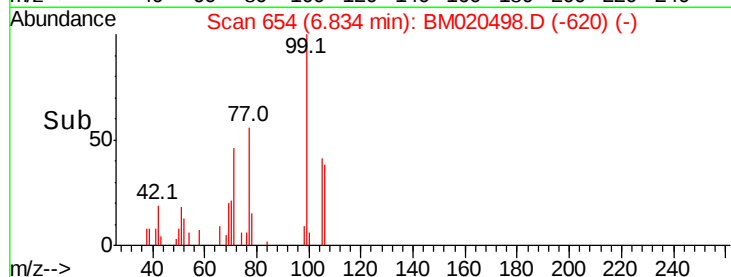
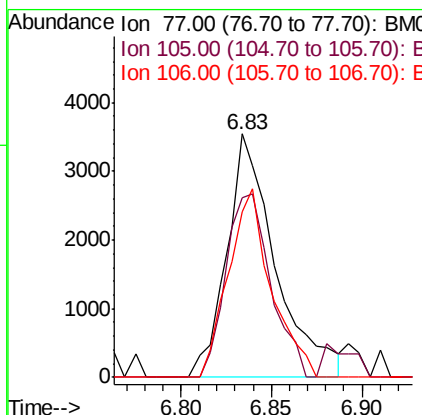
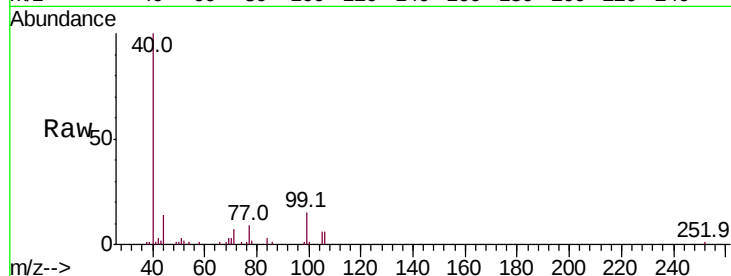
A4246

Tot Ion:	77	Resp:	6650
Ion Ratio	Lower	Upper	
77	100		
105	73.6	67.4	101.0
106	67.9	64.8	97.2

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#44

Dimethylphthalate

Concen: 6.500 ng/ul

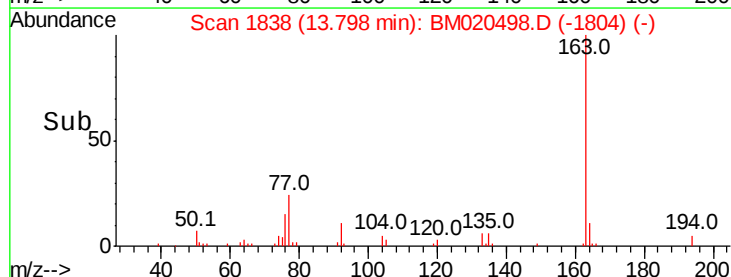
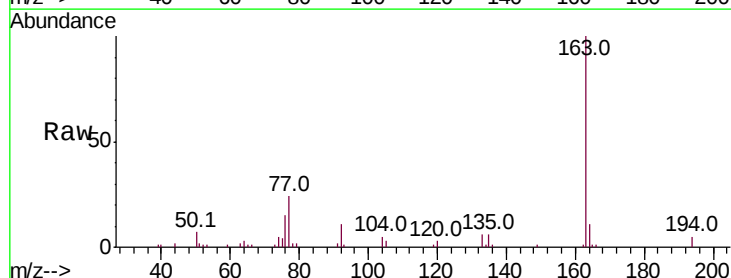
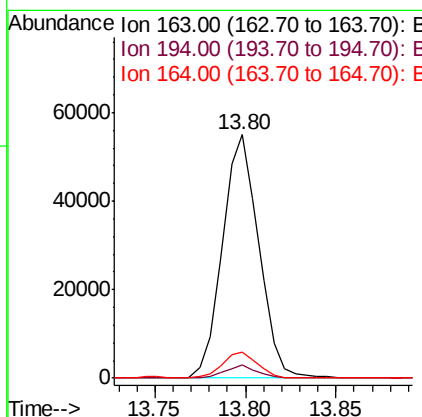
RT: 13.80 min Scan# 1838

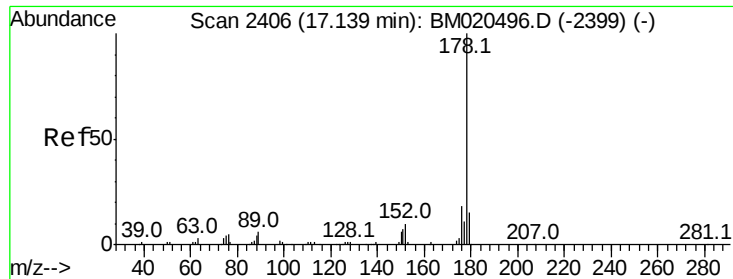
Delta R.T. -0.00 min

Lab File: BM020498.D

Acq: 22 May 2019 19:09

Tgt Ion:	163	Resp:	76454
Ion Ratio	Lower	Upper	
163	100		
194	5.3	3.3	4.9#
164	10.7	8.0	12.0





#69
 Phenanthrene
 Concen: 7.432 ng/ul
 RT: 17.13 min Scan# 2405
 Delta R.T. -0.01 min
 Lab File: BM020498.D
 Acq: 22 May 2019 19:09

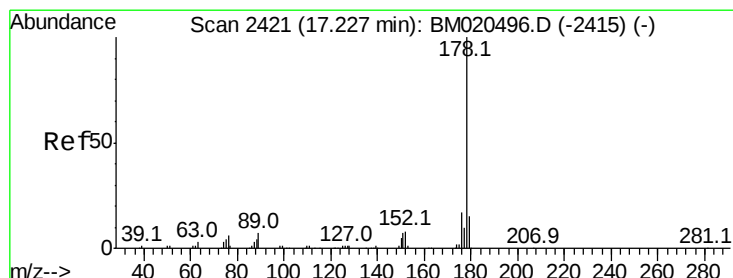
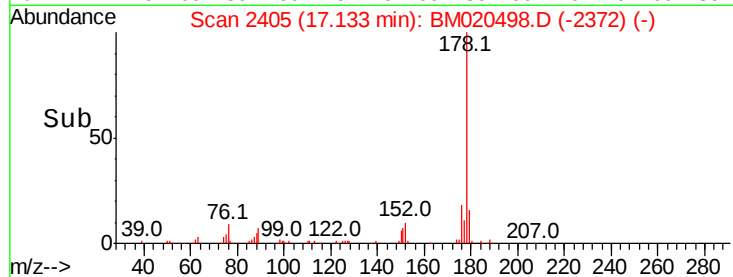
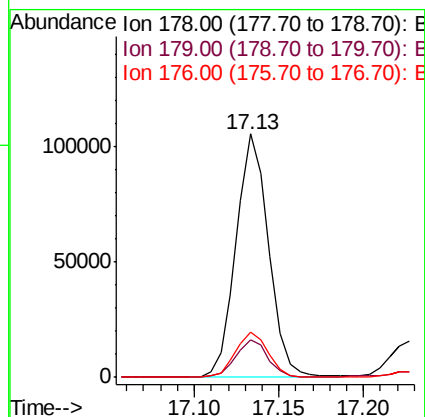
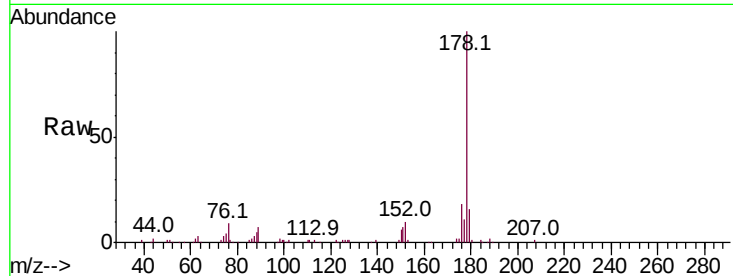
Instrument :
 BNA_M
 ClientSampled :
 A4246

Tot Ion:178	Resp:	142209
Ion Ratio	Lower	Upper
178 100		
179 15.5	11.9	17.9
176 18.5	14.6	22.0

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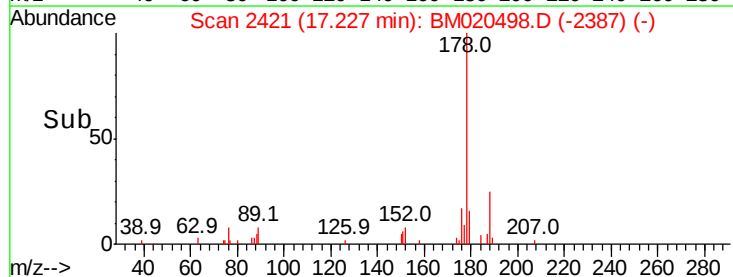
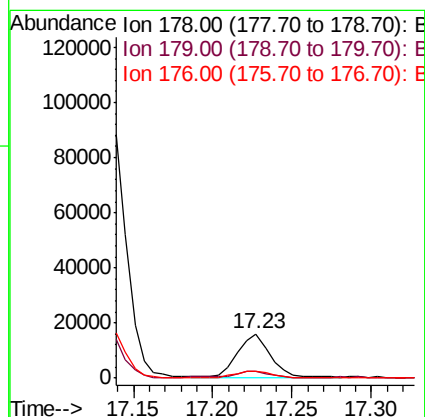
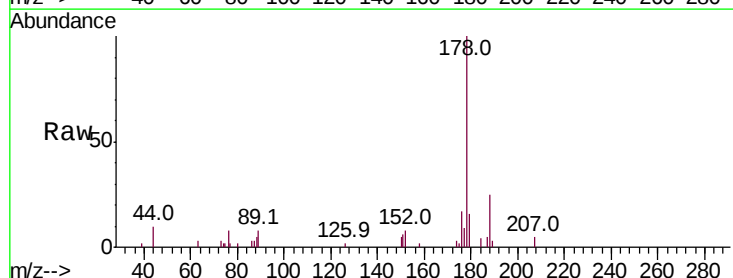
mohammad

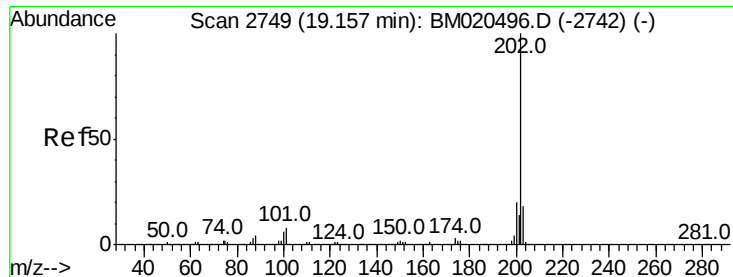
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#71
 Anthracene
 Concen: 1.241 ng/ul
 RT: 17.23 min Scan# 2421
 Delta R.T. -0.00 min
 Lab File: BM020498.D
 Acq: 22 May 2019 19:09

Tgt Ion:178	Resp:	24154
Ion Ratio	Lower	Upper
178 100		
179 15.7	12.4	18.6
176 16.6	14.4	21.6





#76

Fluoranthene

Concen: 10.625 ng/ul

RT: 19.16 min Scan# 2749

Delta R.T. -0.00 min

Lab File: BM020498.D

Acq: 22 May 2019 19:09

Instrument :

BNA_M

ClientSampleId :

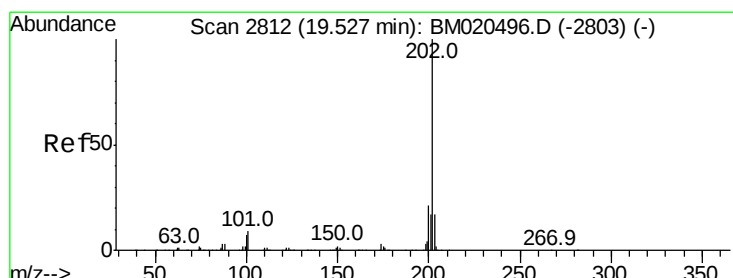
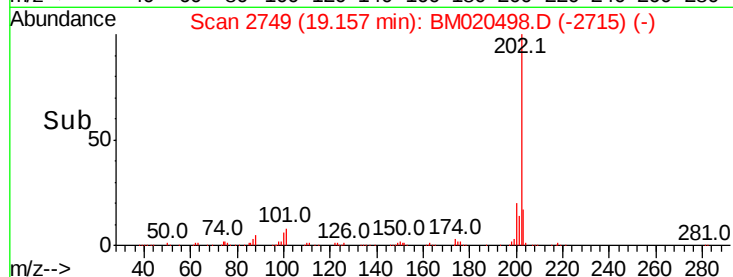
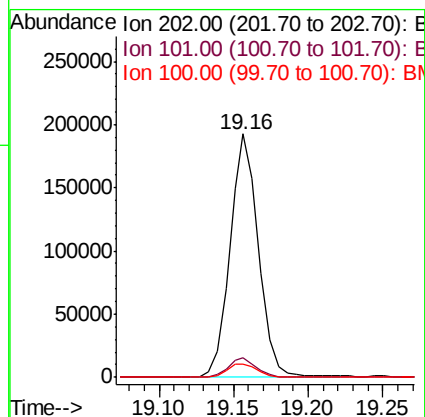
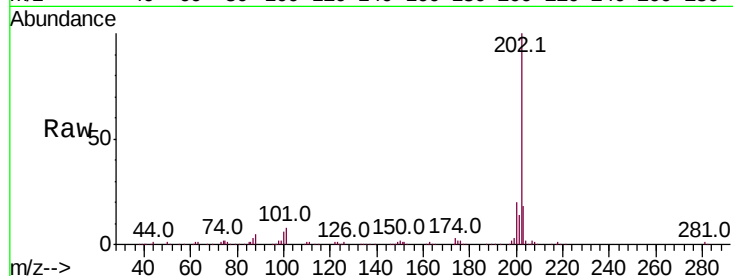
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Tot Ion:	202	Resp:	256804
Ion Ratio	Lower	Upper	
202	100		
101	7.8	6.4	9.6
100	5.7	5.2	7.8

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#79

Pyrene

Concen: 11.460 ng/ul

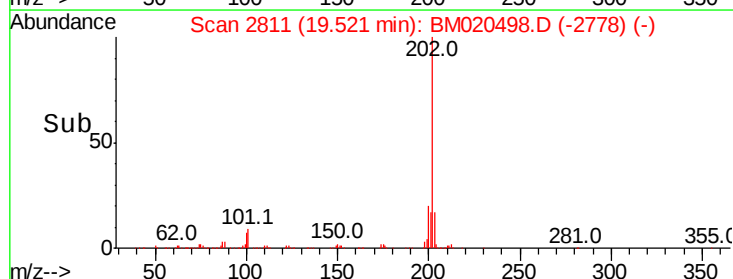
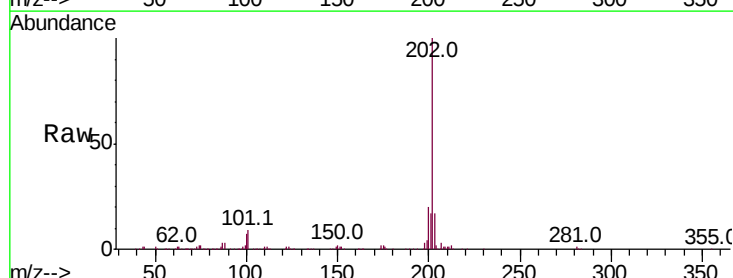
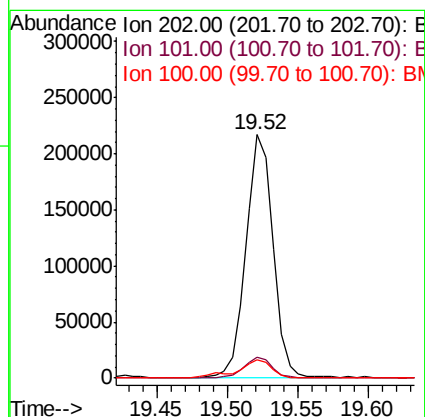
RT: 19.52 min Scan# 2811

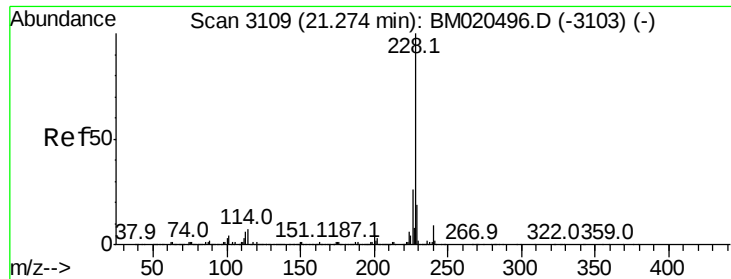
Delta R.T. -0.01 min

Lab File: BM020498.D

Acq: 22 May 2019 19:09

Tgt Ion:	202	Resp:	293486
Ion Ratio	Lower	Upper	
202	100		
101	8.5	7.1	10.7
100	7.3	5.9	8.9





#82

Benzo(a)anthracene

Concen: 4.686 ng/ul m

RT: 21.27 min Scan# 3109

Delta R.T. -0.00 min

Lab File: BM020498.D

Acq: 22 May 2019 19:09

Instrument :

BNA_M

ClientSampleId :

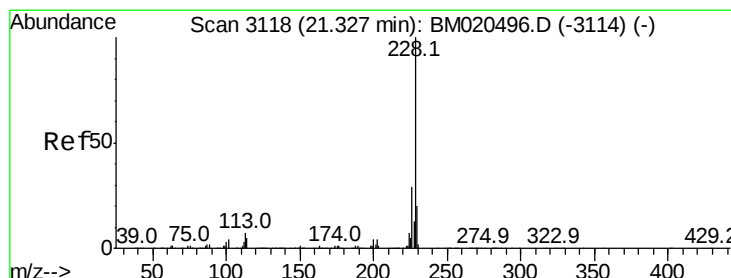
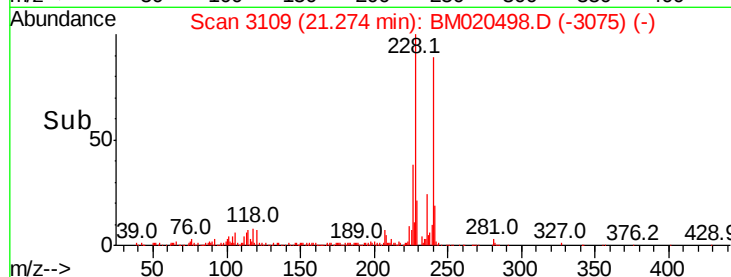
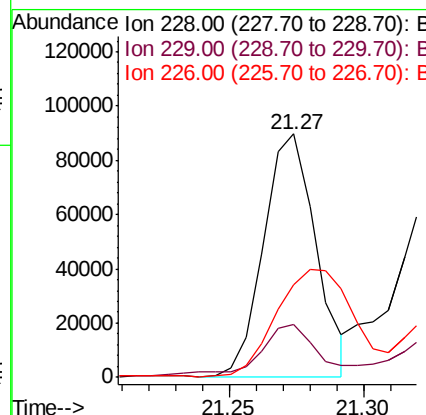
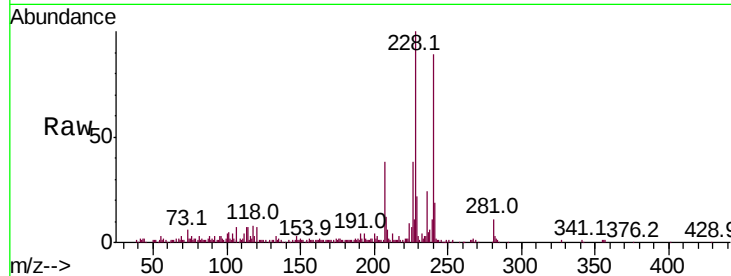
A4246

Tot Ion:	228	Resp:	120349
Ion Ratio	Lower	Upper	
228	100		
229	21.5	15.8	23.8
226	38.1	20.6	30.8#

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#84

Chrysene

Concen: 4.281 ng/ul

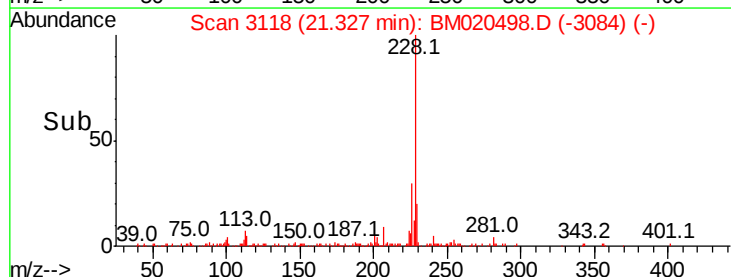
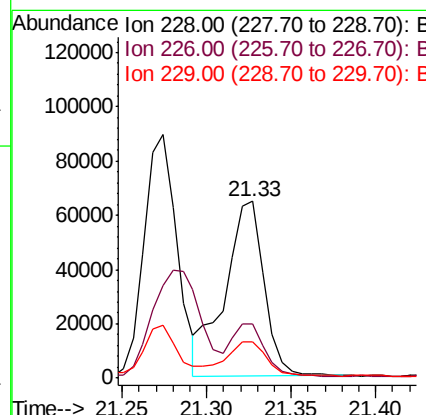
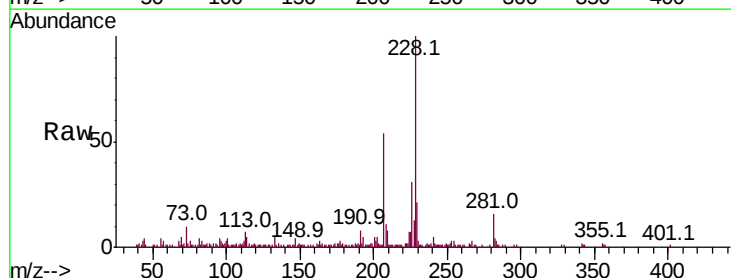
RT: 21.33 min Scan# 3118

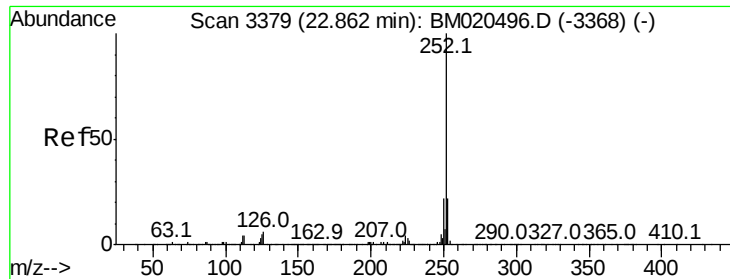
Delta R.T. -0.00 min

Lab File: BM020498.D

Acq: 22 May 2019 19:09

Tgt Ion:	228	Resp:	105051
Ion Ratio	Lower	Upper	
228	100		
226	30.6	22.2	33.4
229	20.6	15.4	23.2





#87
Benzo(b)fluoranthene
Concen: 5.334 ng/ul
RT: 22.86 min Scan# 3379
Delta R.T. -0.00 min
Lab File: BM020498.D
Acq: 22 May 2019 19:09

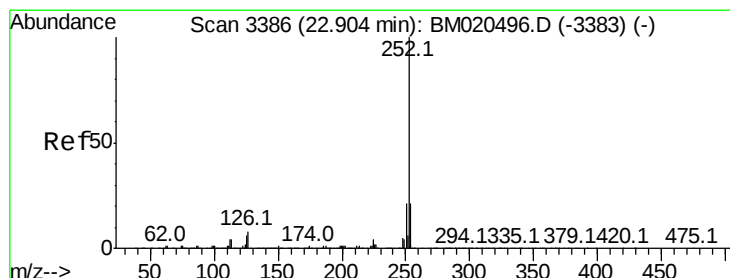
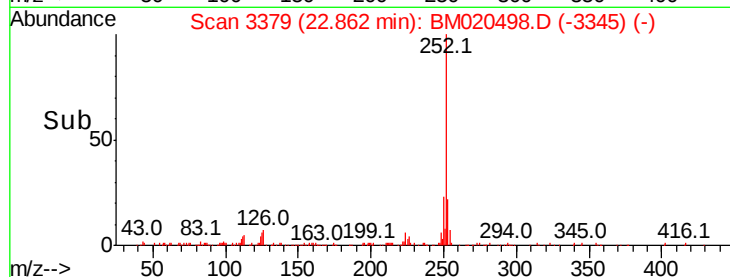
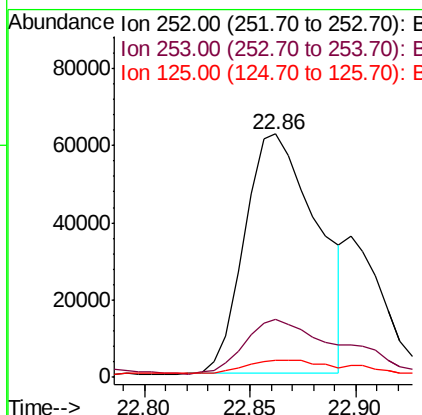
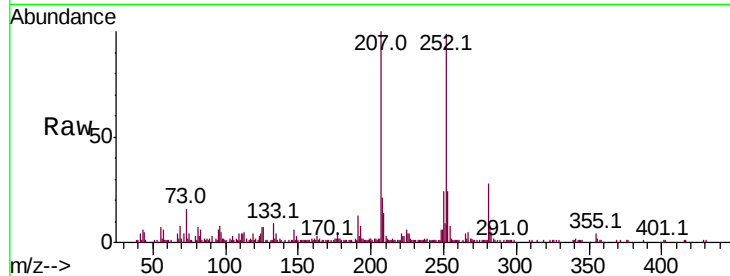
Instrument :
BNA_M
ClientSampleId :
A4246

Tot Ion:	252	Resp:	148989
Ion Ratio	Lower	Upper	
252	100		
253	24.0	17.0	25.6
125	7.1	5.0	7.4

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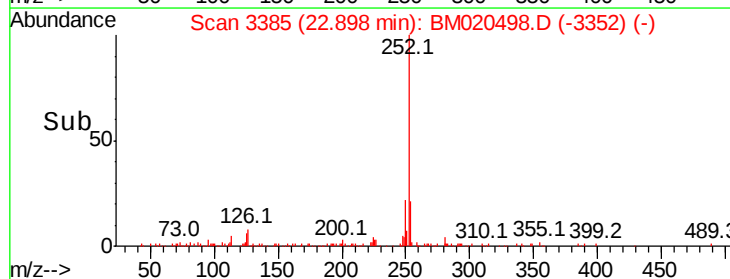
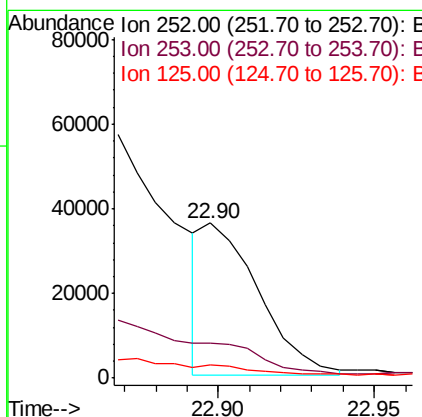
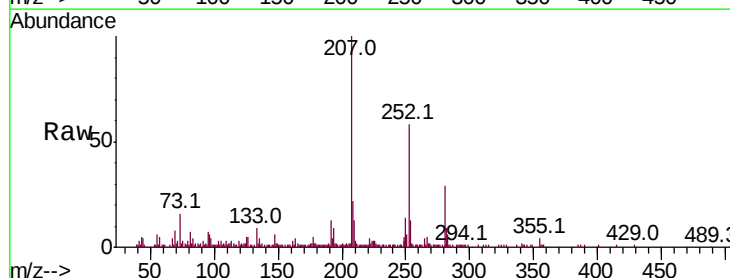
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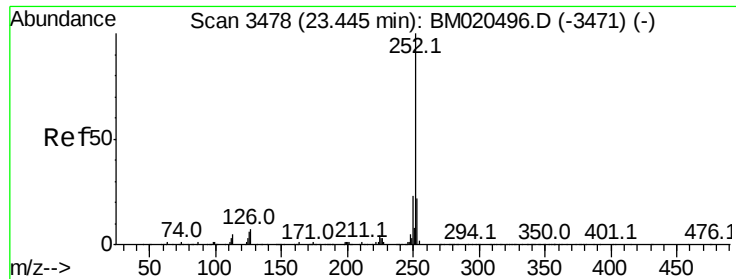
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#88
Benzo(k)fluoranthene
Concen: 1.645 ng/ul m
RT: 22.90 min Scan# 3385
Delta R.T. -0.01 min
Lab File: BM020498.D
Acq: 22 May 2019 19:09

Tgt Ion:	252	Resp:	45124
Ion Ratio	Lower	Upper	
252	100		
253	22.9	17.6	26.4
125	8.3	5.0	7.6#





#90
Benzo(a)pyrene
Concen: 4.626 ng/ul
RT: 23.44 min Scan# 3477
Delta R.T. -0.01 min
Lab File: BM020498.D
Acq: 22 May 2019 19:09

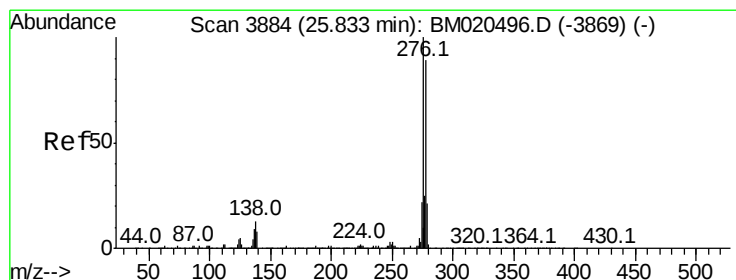
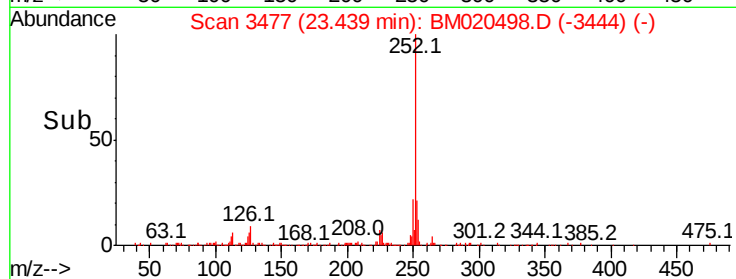
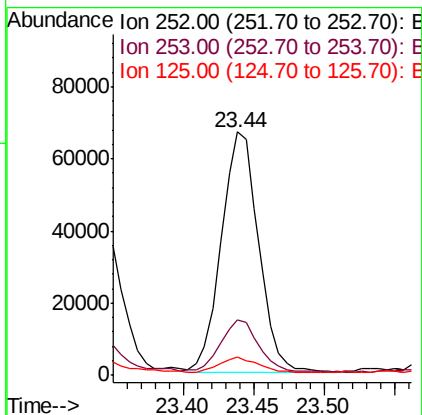
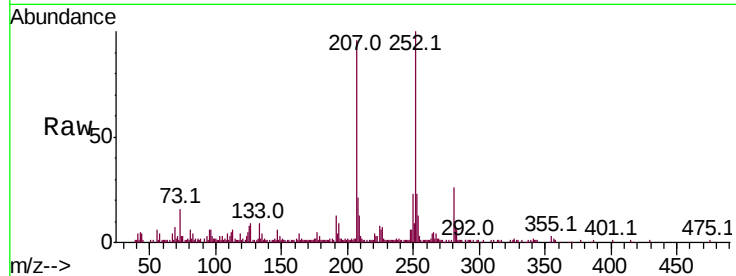
Instrument :
BNA_M
ClientSampleId :
A4246

Tot Ion:	252	Resp:	121592
Ion Ratio	Lower	Upper	
252	100		
253	23.0	17.4	26.2
125	7.5	5.4	8.2

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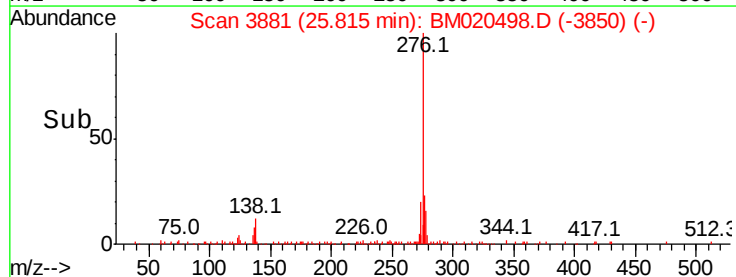
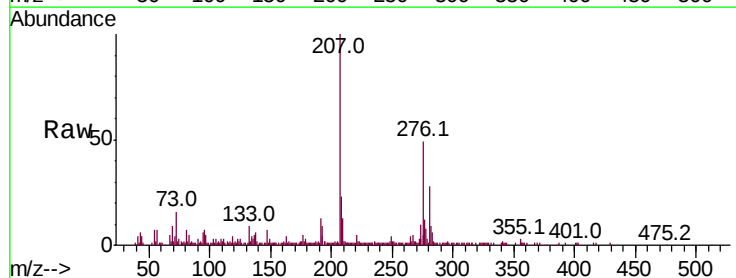
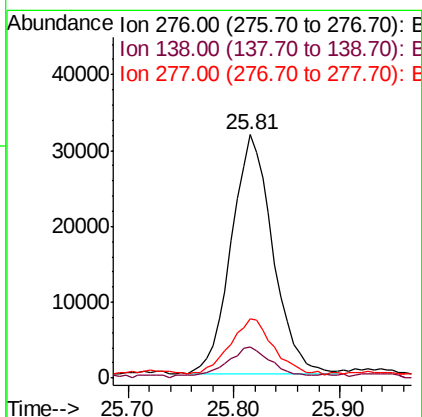
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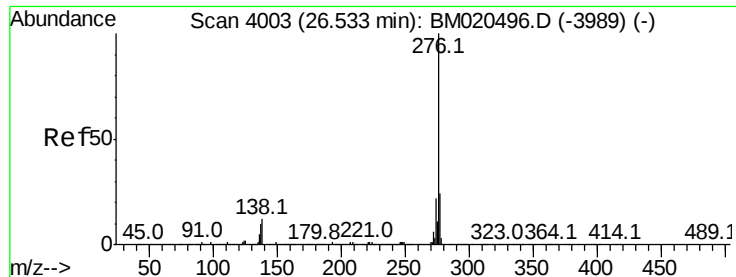
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#91
Indeno(1,2,3-cd)pyrene
Concen: 2.879 ng/ul
RT: 25.81 min Scan# 3881
Delta R.T. -0.02 min
Lab File: BM020498.D
Acq: 22 May 2019 19:09

Tgt Ion:	276	Resp:	86224
Ion Ratio	Lower	Upper	
276	100		
138	12.8	12.3	18.5
277	24.6	20.0	30.0





#93

Benzo(a,h,i)perylene

Concen: 3.316 ng/ul

RT: 26.52 min Scan# 4001

Delta R.T. -0.01 min

Lab File: BM020498.D

Acq: 22 May 2019 19:09

Instrument :

BNA_M

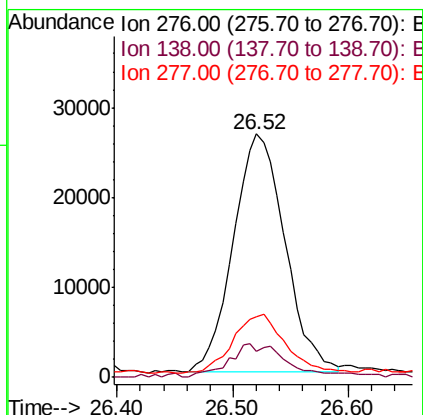
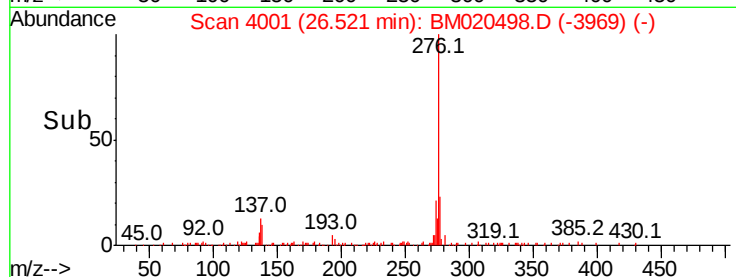
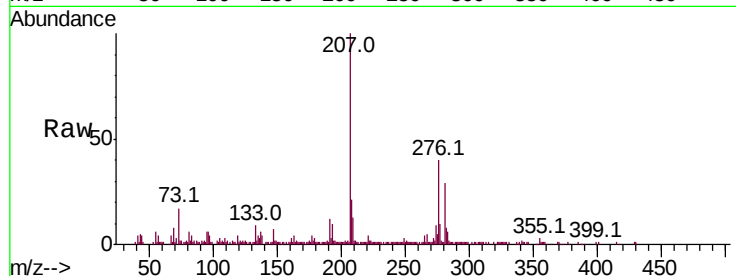
ClientSampleId :

A4246

Tot Ion:	276	Resp:	82227
Ion Ratio	Lower	Upper	
276	100		
138	10.9	10.0	15.0
277	24.6	18.2	27.4

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