

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052219\
 Data File : BM020502.D
 Acq On : 22 May 2019 21:35
 Operator : JU/SJ
 Sample : K2927-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4292

Manual Integrations
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mohammad
 5/23/2019 2:22:24 PM

Quant Time: May 23 09:21:48 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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	77003	20.00	ng/ul	0.00
18) Naphthalene-d8	10.47	136	294439	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.34	164	183257	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.09	188	453344	20.00	ng/ul	0.00
77) Chrysene-d12	21.29	240	473538	20.00	ng/ul	0.00
85) Perylene-d12	23.54	264	551701	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.16	96	9076	4.35	ng/uL	0.01
5) Phenol-d5	6.85	99	137992	22.46	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.02	67	88739	22.72	ng/ul	0.00
9) 2-Chlorophenol-d4	7.21	132	104504	23.20	ng/ul	0.00
13) 4-Methylphenol-d8	8.39	113	93100	20.81	ng/ul	0.00
19) Nitrobenzene-d5	8.85	128	48427	25.28	ng/ul	0.00
22) 2-Nitrophenol-d4	9.56	143	56948	26.95	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.10	165	111658	24.99	ng/ul	0.00
29) 4-Chloroaniline-d4	10.62	131	72614	15.74	ng/ul	0.00
43) Dimethylphthalate-d6	13.75	166	334712	25.39	ng/ul	0.00
46) Acenaphthylene-d8	14.03	160	399121	24.20	ng/ul	0.00
51) 4-Nitrophenol-d4	14.57	143	32867	17.17	ng/ul	0.00
57) Fluorene-d10	15.33	176	295188	25.17	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.48	200	33345	12.91	ng/ul	0.00
70) Anthracene-d10	17.19	188	463185	23.82	ng/ul	0.00
78) Pyrene-d10	19.49	212	542760	23.80	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.40	264	564552	22.52	ng/ul	0.00

Target Compounds

					Ovalue
44) Dimethylphthalate	13.80	163	81231	6.228	ng/ul 100
47) Acenaphthylene	14.06	152	22176	1.426	ng/ul 95
69) Phenanthrene	17.13	178	134521	6.228	ng/ul 98
71) Anthracene	17.23	178	36072	1.642	ng/ul 98
76) Fluoranthene	19.16	202	389753	14.284	ng/ul 98
79) Pyrene	19.52	202	342612	12.054	ng/ul 99
82) Benzo(a)anthracene	21.27	228	216029	7.580	ng/ul 96
84) Chrysene	21.32	228	215612	7.916	ng/ul 96
87) Benzo(b)fluoranthene	22.86	252	320336	10.174	ng/ul# 93
88) Benzo(k)fluoranthene	22.90	252	97319m	3.147	ng/ul
90) Benzo(a)pyrene	23.44	252	212771	7.180	ng/ul 97
91) Indeno(1,2,3-cd)pyrene	25.82	276	158448	4.693	ng/ul 95
92) Dibenzo(a,h)anthracene	25.83	278	44120	1.528	ng/ul# 82
93) Benzo(g,h,i)perylene	26.53	276	109506	3.918	ng/ul 94

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

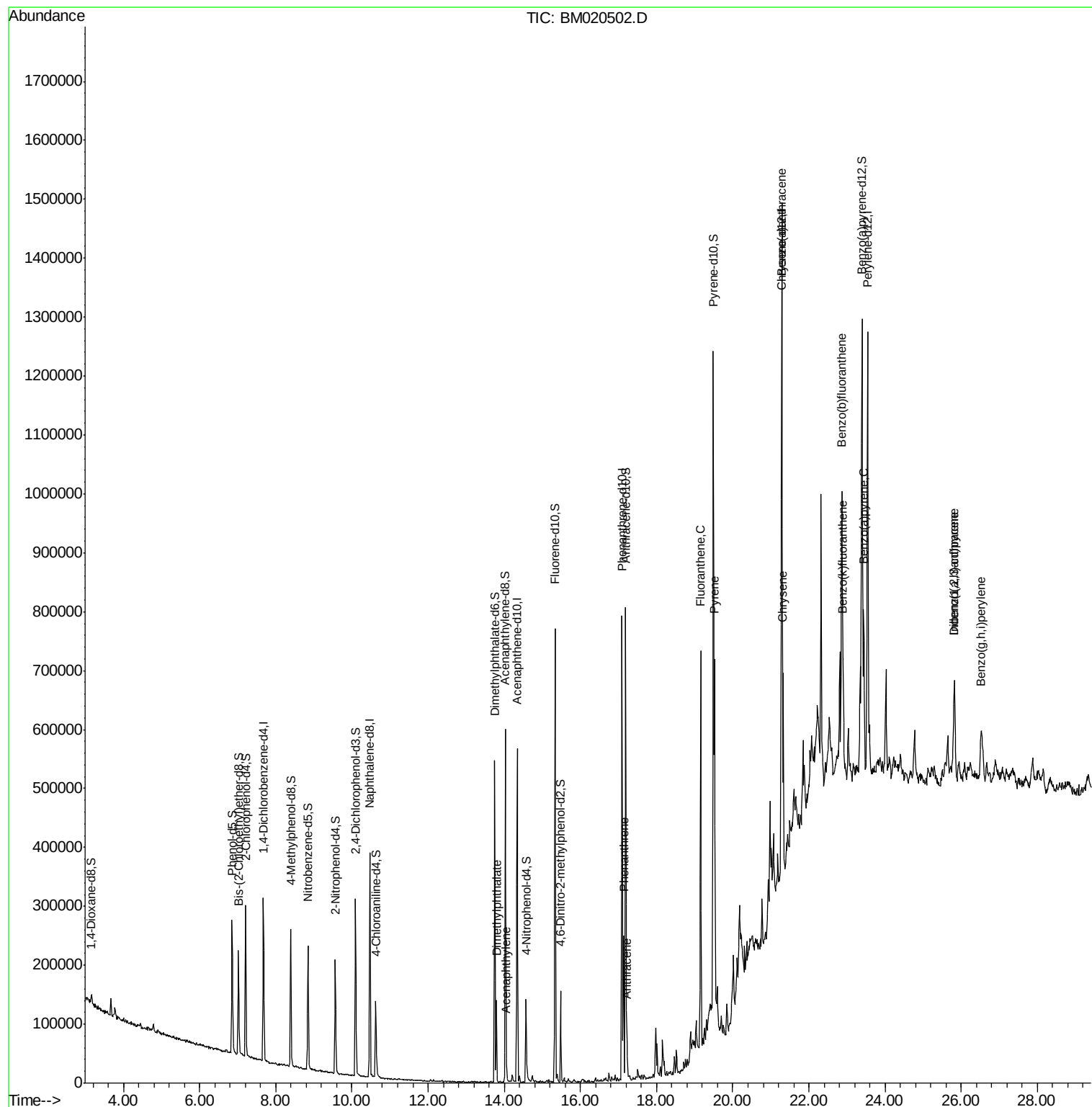
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052219\
Data File : BM020502.D
Acq On : 22 May 2019 21:35
Operator : JU/SJ
Sample : K2927-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

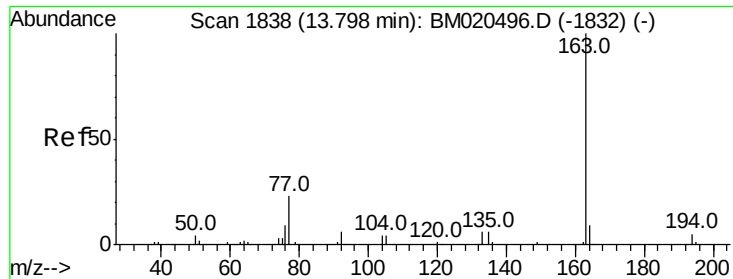
Instrument :
BNA_M
ClientSampled :
A4292

Quant Time: May 23 09:21:48 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051619MA.M
Quant Title : SVOA CALIBRATION
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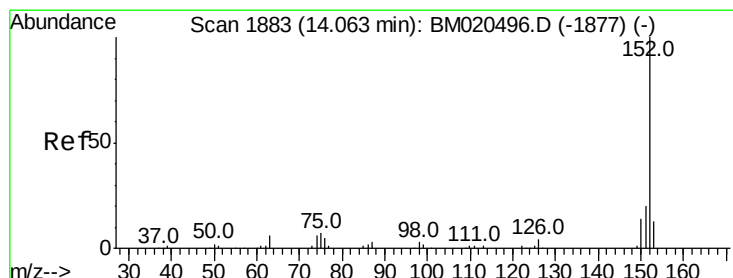
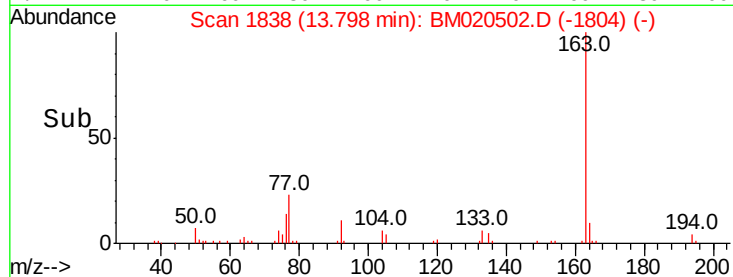
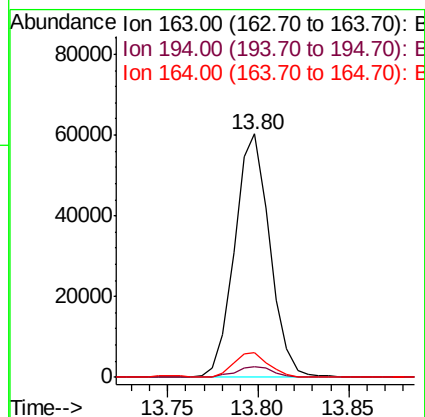
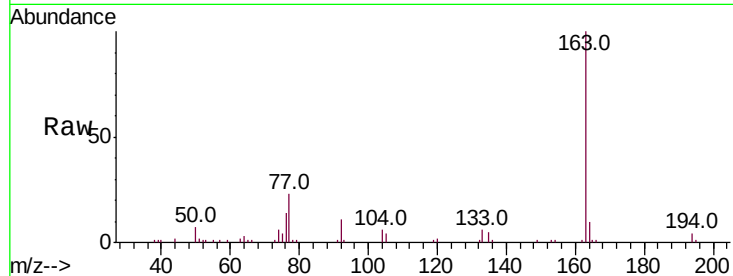
#44
Dimethylphthalate
Concen: 6.228 ng/ul
RT: 13.80 min Scan# 1838
Delta R.T. -0.00 min
Lab File: BM020502.D
Acq: 22 May 2019 21:35

Instrument :
BNA_M
ClientSampleId :
A4292

Tot Ion:	163	Resp:	81231
Ion Ratio	Lower	Upper	
163	100		
194	4.2	3.3	4.9
164	10.1	8.0	12.0

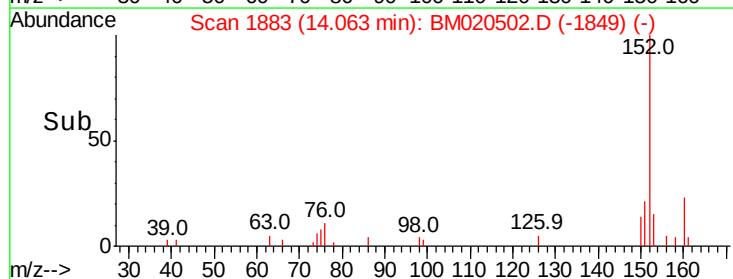
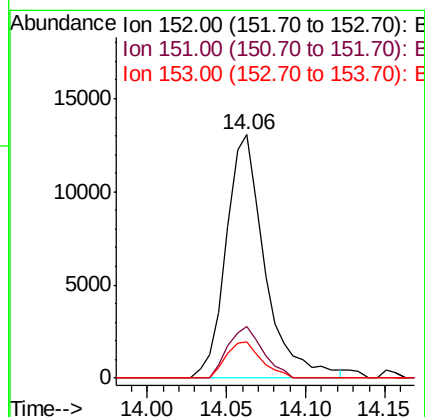
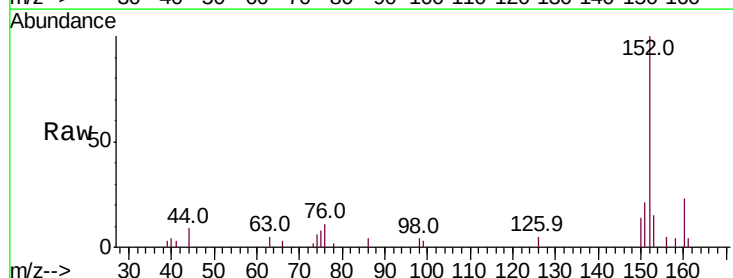
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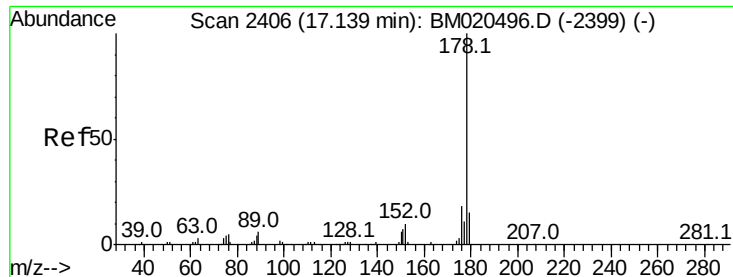
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#47
Acenaphthylene
Concen: 1.426 ng/ul
RT: 14.06 min Scan# 1883
Delta R.T. -0.00 min
Lab File: BM020502.D
Acq: 22 May 2019 21:35

Tgt Ion:	152	Resp:	22176
Ion Ratio	Lower	Upper	
152	100		
151	21.1	15.4	23.0
153	14.9	10.3	15.5





#69

Phenanthrene

Concen: 6.228 ng/ul

RT: 17.13 min Scan# 2405

Delta R.T. -0.01 min

Lab File: BM020502.D

Acq: 22 May 2019 21:35

Instrument :

BNA_M

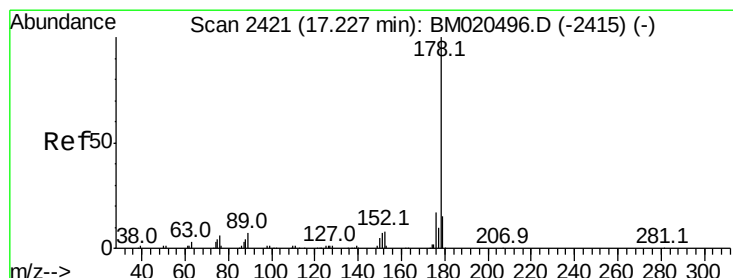
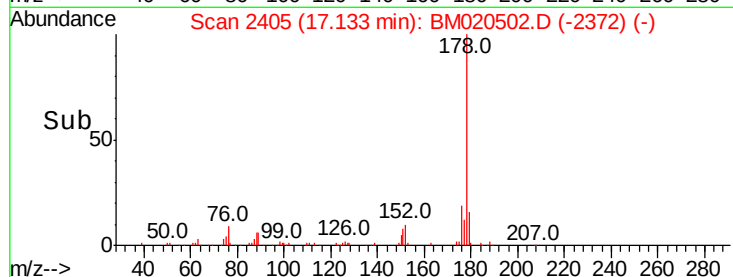
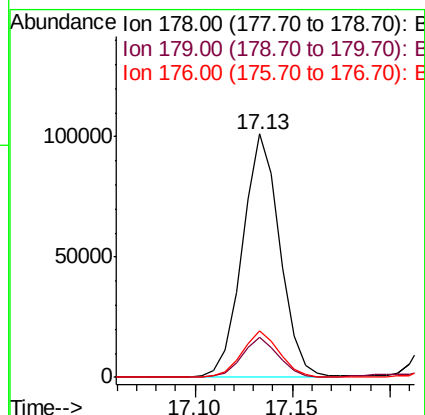
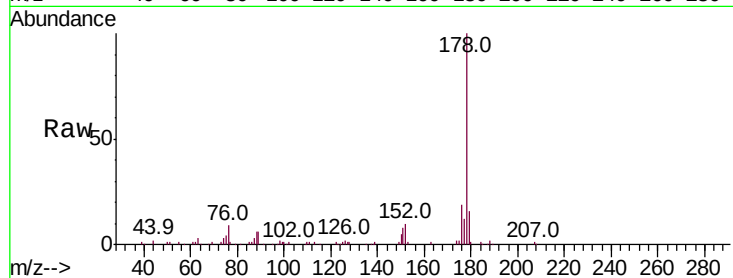
ClientSampleId :

A4292

Tot Ion:	178	Resp:	134521
Ion Ratio	Lower	Upper	
178	100		
179	16.2	11.9	17.9
176	19.0	14.6	22.0

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#71

Anthracene

Concen: 1.642 ng/ul

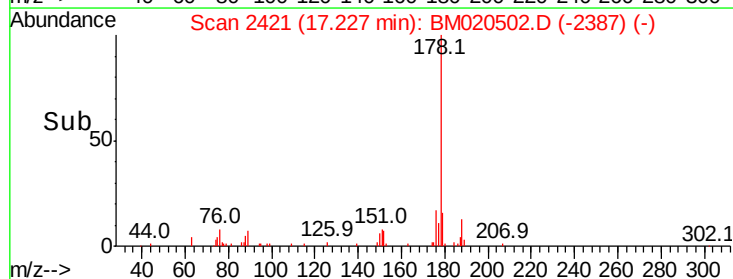
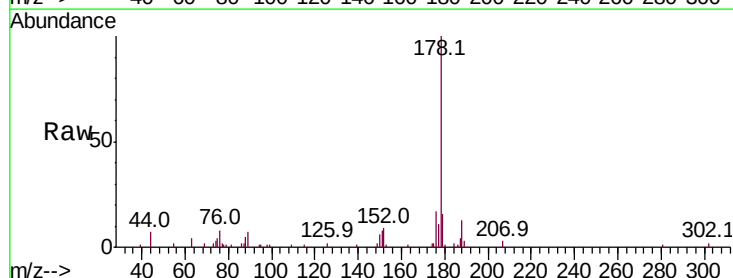
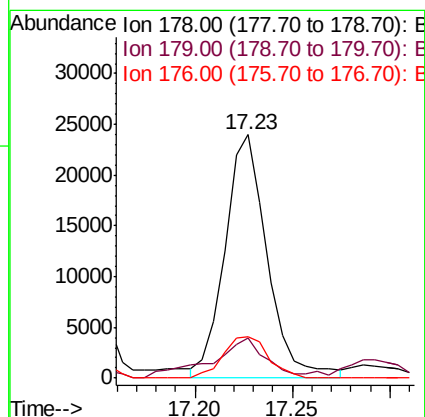
RT: 17.23 min Scan# 2421

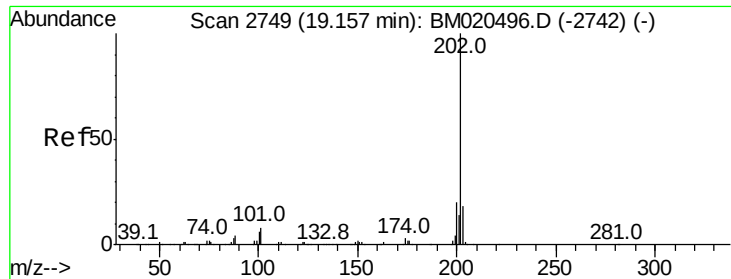
Delta R.T. -0.00 min

Lab File: BM020502.D

Acq: 22 May 2019 21:35

Tgt Ion:	178	Resp:	36072
Ion Ratio	Lower	Upper	
178	100		
179	16.2	12.4	18.6
176	17.2	14.4	21.6





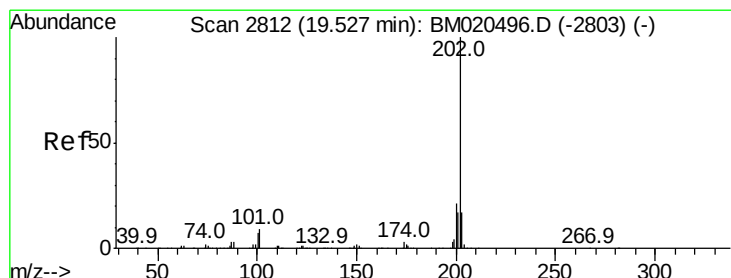
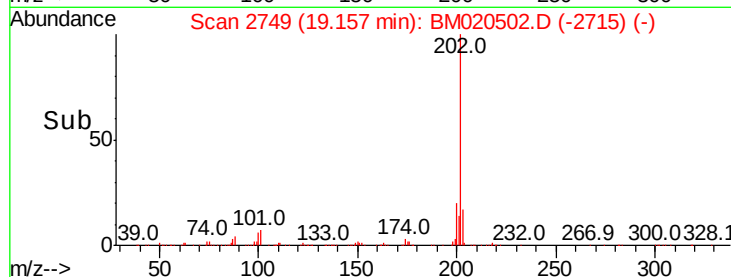
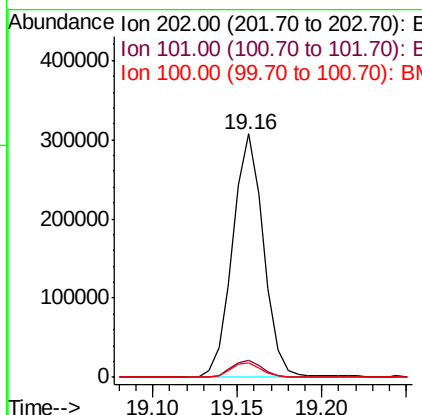
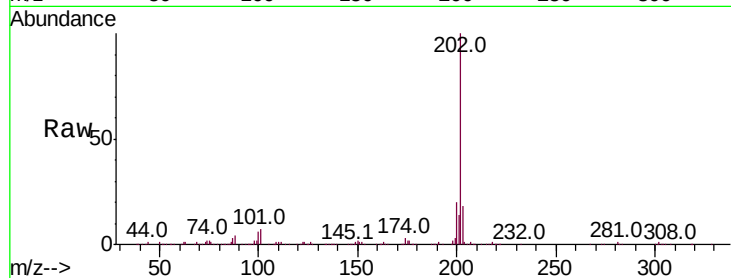
#76
Fluoranthene
Concen: 14.284 ng/ul
RT: 19.16 min Scan# 2749
Delta R.T. -0.00 min
Lab File: BM020502.D
Acq: 22 May 2019 21:35

Instrument :
BNA_M
ClientSampleId :
A4292

Tot Ion	Ratio	Resp	Lower	Upper
202	100	389753		
101	7.1		6.4	9.6
100	6.0		5.2	7.8

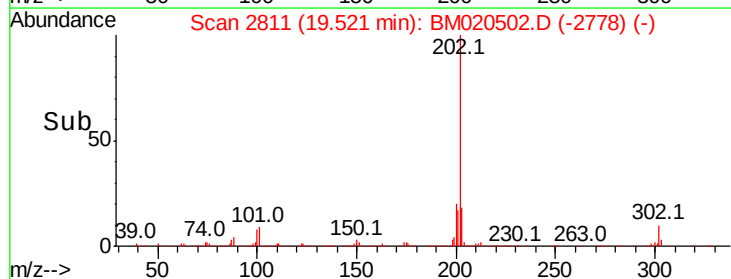
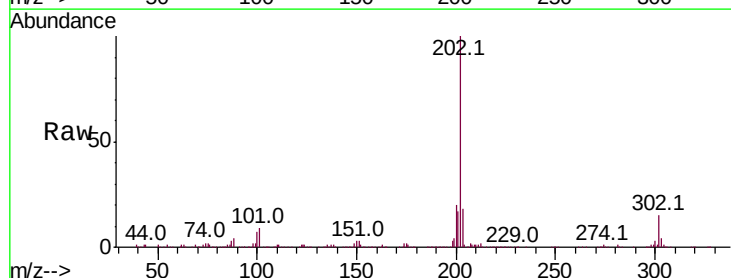
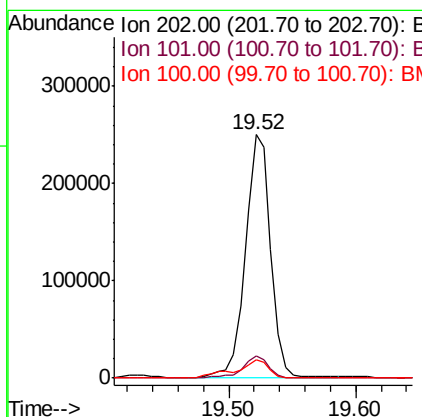
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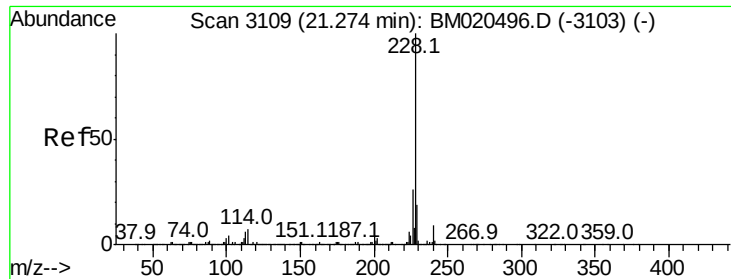
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#79
Pyrene
Concen: 12.054 ng/ul
RT: 19.52 min Scan# 2811
Delta R.T. -0.01 min
Lab File: BM020502.D
Acq: 22 May 2019 21:35

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	342612		
101	9.2		7.1	10.7
100	7.5		5.9	8.9





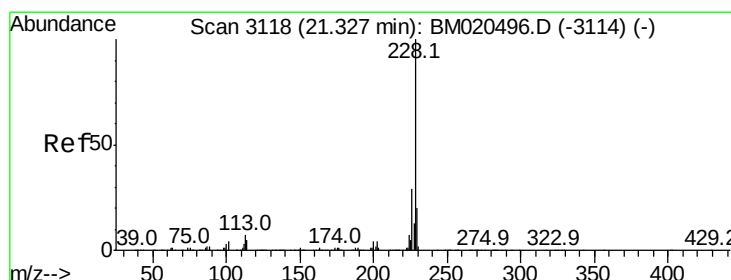
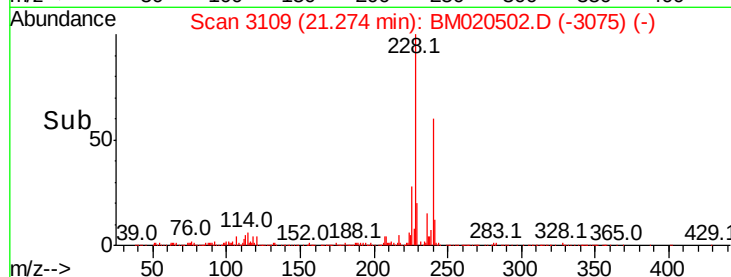
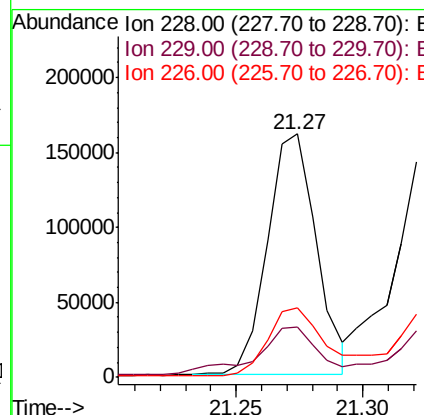
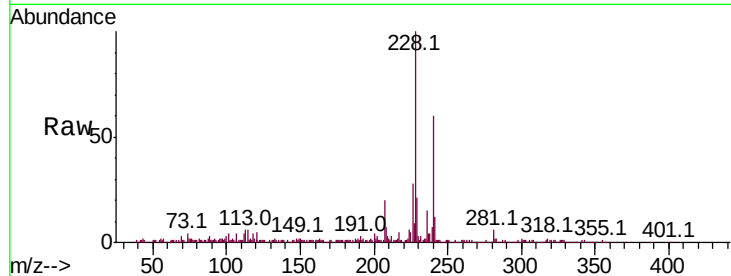
#82
Benzo(a)anthracene
Concen: 7.580 ng/ul
RT: 21.27 min Scan# 3109
Delta R.T. -0.00 min
Lab File: BM020502.D
Acq: 22 May 2019 21:35

Instrument :
BNA_M
ClientSampleId :
A4292

Tot Ion	Ratio	Lower	Upper
228	100		
229	20.7	15.8	23.8
226	28.3	20.6	30.8

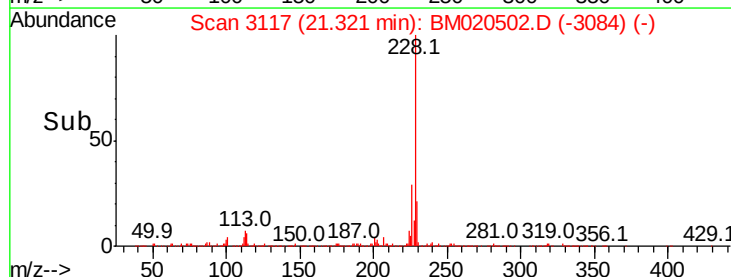
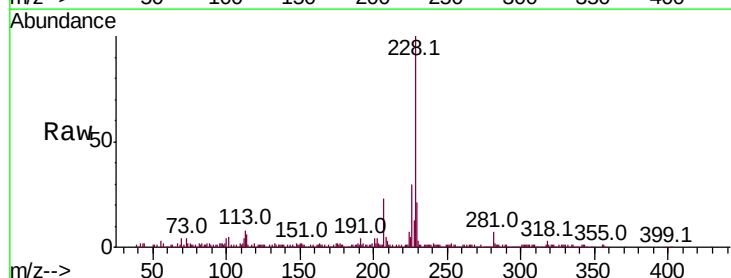
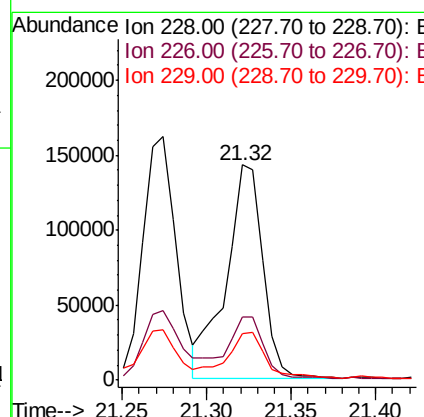
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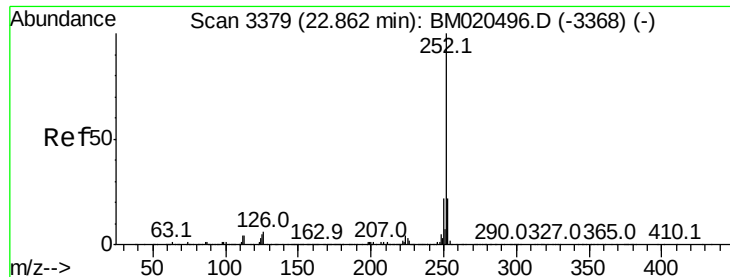
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#84
Chrysene
Concen: 7.916 ng/ul
RT: 21.32 min Scan# 3117
Delta R.T. -0.01 min
Lab File: BM020502.D
Acq: 22 May 2019 21:35

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.5	22.2	33.4
229	21.5	15.4	23.2





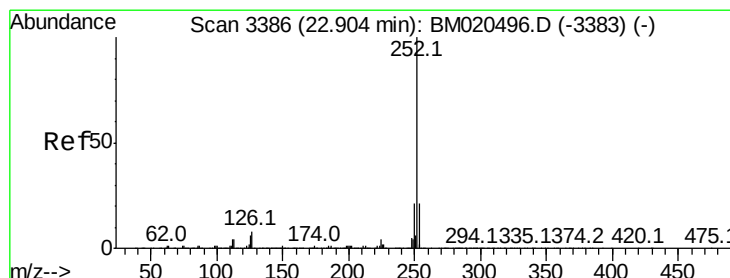
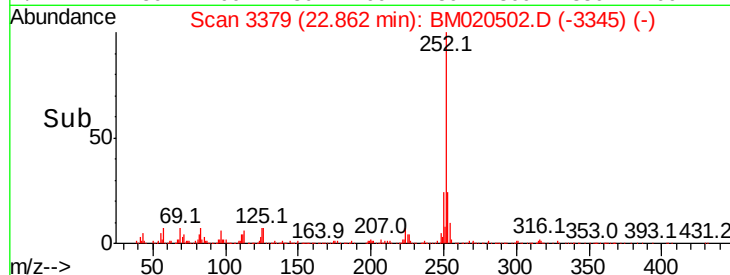
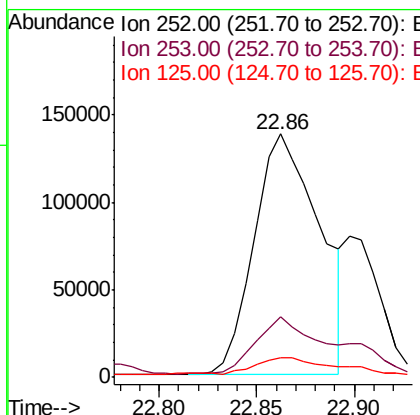
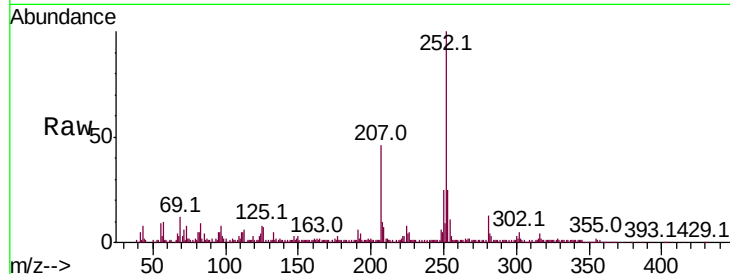
#87
Benzo(b)fluoranthene
Concen: 10.174 ng/ul
RT: 22.86 min Scan# 3379
Delta R.T. -0.00 min
Lab File: BM020502.D
Acq: 22 May 2019 21:35

Instrument :
BNA_M
ClientSampleId :
A4292

Tot Ion	Ratio	Resp Lower	Upper
252	100		
253	24.9	17.0	25.6
125	8.0	5.0	7.4

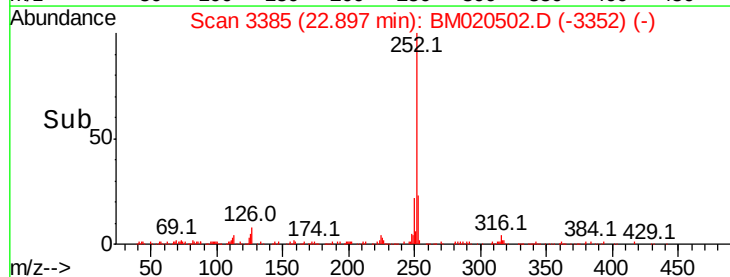
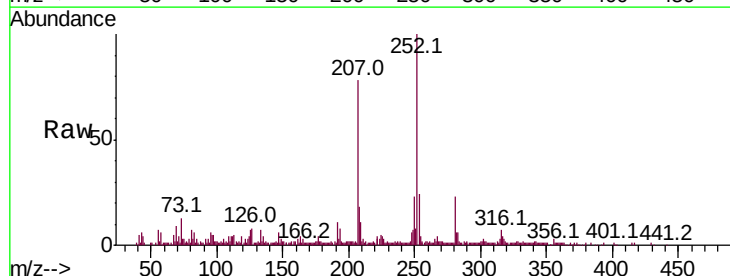
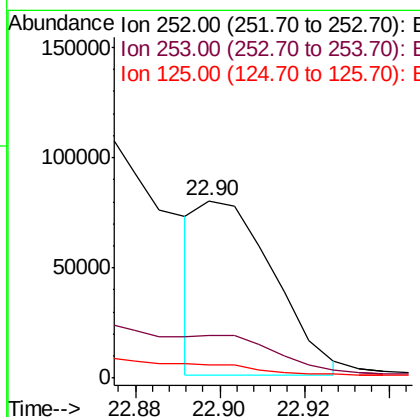
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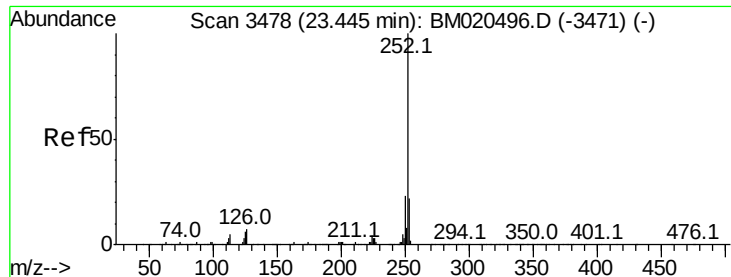
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#88
Benzo(k)fluoranthene
Concen: 3.147 ng/ul m
RT: 22.90 min Scan# 3385
Delta R.T. -0.01 min
Lab File: BM020502.D
Acq: 22 May 2019 21:35

Tgt Ion	Ratio	Resp Lower	Upper
252	100		
253	24.2	17.6	26.4
125	7.2	5.0	7.6





#90

Benzo(a)pyrene

Concen: 7.180 ng/ul

RT: 23.44 min Scan# 3477

Delta R.T. -0.01 min

Lab File: BM020502.D

Acq: 22 May 2019 21:35

Instrument :

BNA_M

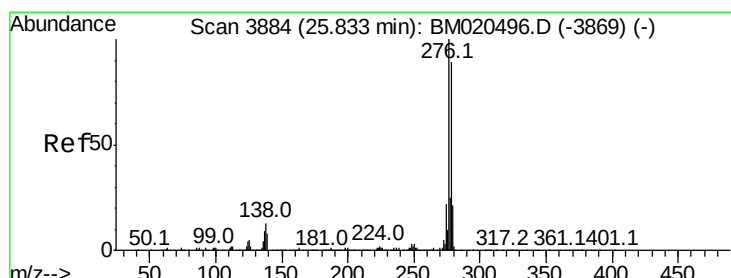
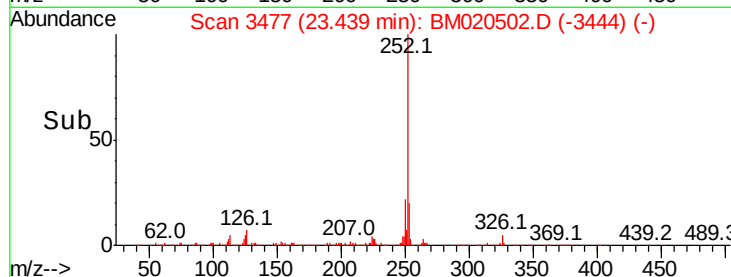
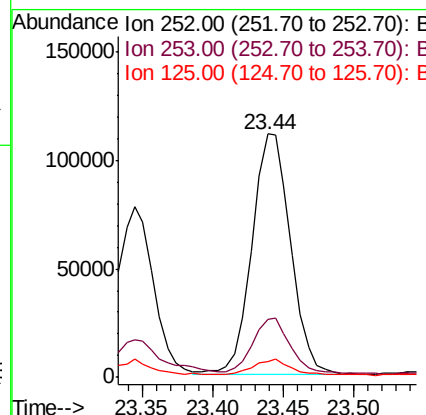
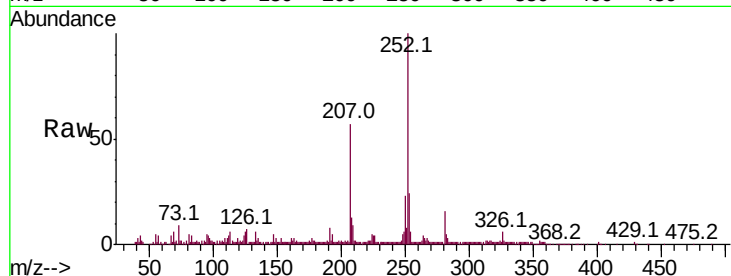
ClientSampled :

A4292

Tot Ion:	252	Resp:	212771
Ion Ratio	Lower	Upper	
252	100		
253	23.6	17.4	26.2
125	6.4	5.4	8.2

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#91

Indeno(1,2,3-cd)pyrene

Concen: 4.693 ng/ul

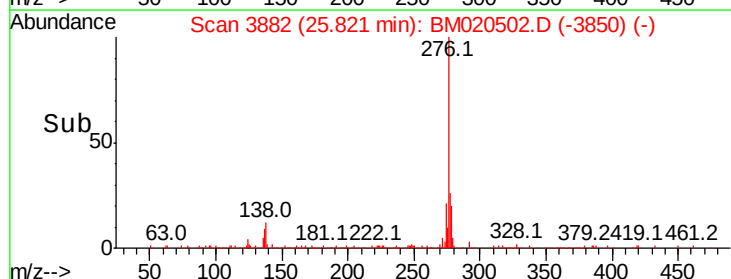
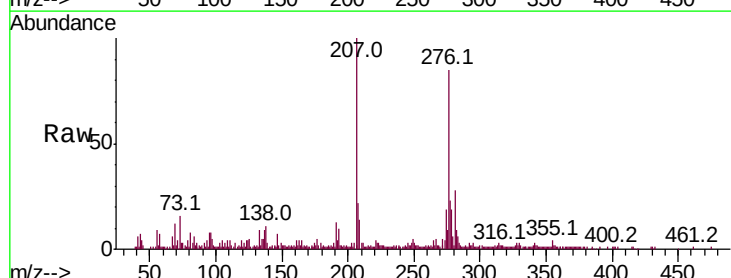
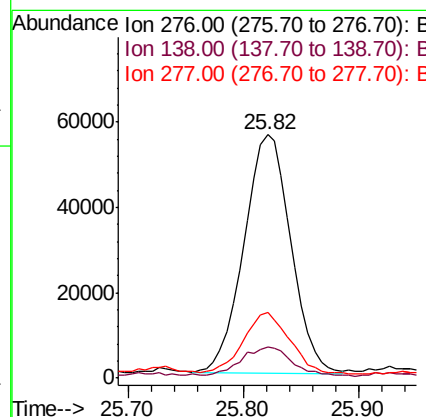
RT: 25.82 min Scan# 3882

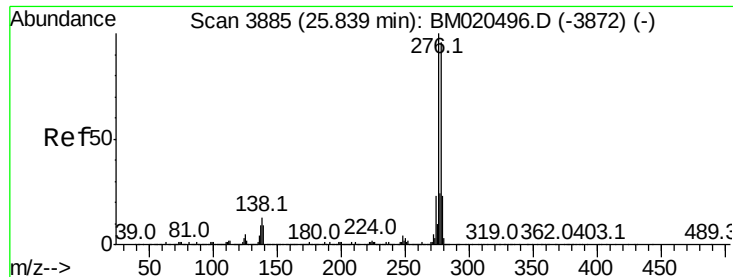
Delta R.T. -0.01 min

Lab File: BM020502.D

Acq: 22 May 2019 21:35

Tgt Ion:	276	Resp:	158448
Ion Ratio	Lower	Upper	
276	100		
138	12.9	12.3	18.5
277	27.2	20.0	30.0





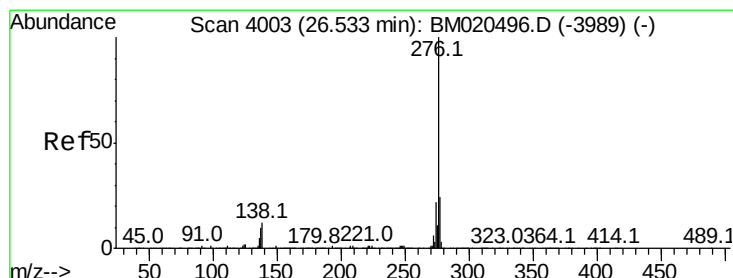
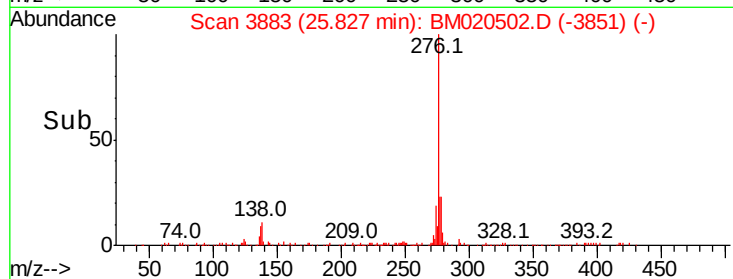
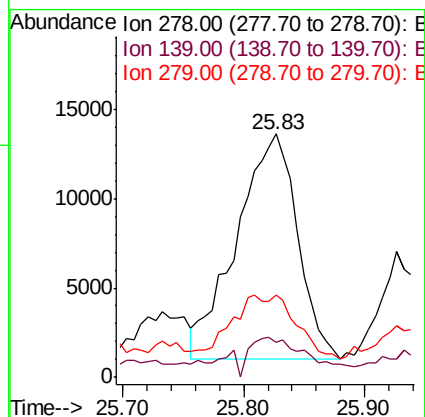
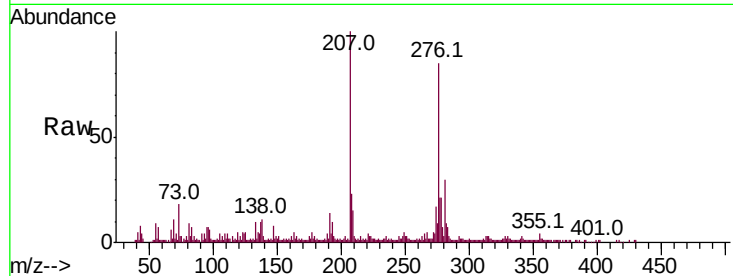
#92
Dibenzo(a,h)anthracene
Concen: 1.528 ng/ul
RT: 25.83 min Scan# 3883
Delta R.T. -0.01 min
Lab File: BM020502.D
Acq: 22 May 2019 21:35

Instrument :
BNA_M
ClientSampleId :
A4292

Tot Ion	Ratio	Lower	Upper
278	100		
139	14.3	8.1	12.1#
279	33.7	18.7	28.1#

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#93
Benzo(g,h,i)perylene
Concen: 3.918 ng/ul
RT: 26.53 min Scan# 4002
Delta R.T. -0.01 min
Lab File: BM020502.D
Acq: 22 May 2019 21:35

Tgt Ion	Ratio	Lower	Upper
276	100		
138	10.9	10.0	15.0
277	26.3	18.2	27.4

