

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052219\
 Data File : BM020506.D
 Acq On : 23 May 2019 00:01
 Operator : JU/SJ
 Sample : K2927-22
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A42F6

Manual Integrations
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mohammad
 5/23/2019 2:22:36 PM

Quant Time: May 23 08:07:52 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	72290	20.00	ng/ul	0.00
18) Naphthalene-d8	10.47	136	275154	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.34	164	169689	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.09	188	423817	20.00	ng/ul	0.00
77) Chrysene-d12	21.29	240	445846	20.00	ng/ul	0.00
85) Perylene-d12	23.54	264	534958	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.16	96	6512m	3.32	ng/uL	0.01
5) Phenol-d5	6.85	99	92291	16.00	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.02	67	61708	16.83	ng/ul	0.00
9) 2-Chlorophenol-d4	7.21	132	72336	17.10	ng/ul	0.00
13) 4-Methylphenol-d8	8.39	113	62425	14.86	ng/ul	0.00
19) Nitrobenzene-d5	8.85	128	32057	17.91	ng/ul	0.00
22) 2-Nitrophenol-d4	9.56	143	37354	18.92	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.10	165	72842	17.45	ng/ul	0.00
29) 4-Chloroaniline-d4	10.62	131	65299	15.14	ng/ul	0.00
43) Dimethylphthalate-d6	13.75	166	222223	18.20	ng/ul	0.00
46) Acenaphthylene-d8	14.03	160	269346	17.64	ng/ul	0.00
51) 4-Nitrophenol-d4	14.57	143	15201m	8.57	ng/ul	0.00
57) Fluorene-d10	15.33	176	202194	18.62	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.48	200	13917	5.76	ng/ul	0.00
70) Anthracene-d10	17.19	188	309848	17.04	ng/ul	0.00
78) Pyrene-d10	19.49	212	372864	17.36	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.39	264	397596	16.36	ng/ul	0.00

Target Compounds

					Ovalue	
44) Dimethylphthalate	13.80	163	76486	6.333	ng/ul#	99
69) Phenanthrene	17.13	178	136703	6.770	ng/ul	98
71) Anthracene	17.23	178	29843	1.453	ng/ul	99
76) Fluoranthene	19.16	202	260429	10.209	ng/ul	98
79) Pyrene	19.52	202	213527	7.979	ng/ul	100
82) Benzo(a)anthracene	21.27	228	129213	4.815	ng/ul	97
83) Bis(2-ethylhexyl)phthalate	21.19	149	25594	2.102	ng/ul#	95
84) Chrysene	21.32	228	123582	4.819	ng/ul	96
87) Benzo(b)fluoranthene	22.86	252	182527	5.978	ng/ul#	96
88) Benzo(k)fluoranthene	22.90	252	60552m	2.019	ng/ul	
90) Benzo(a)pyrene	23.44	252	117861	4.102	ng/ul	97
91) Indeno(1,2,3-cd)pyrene	25.81	276	91938	2.808	ng/ul#	96
93) Benzo(g,h,i)perylene	26.51	276	62749	2.315	ng/ul#	93

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

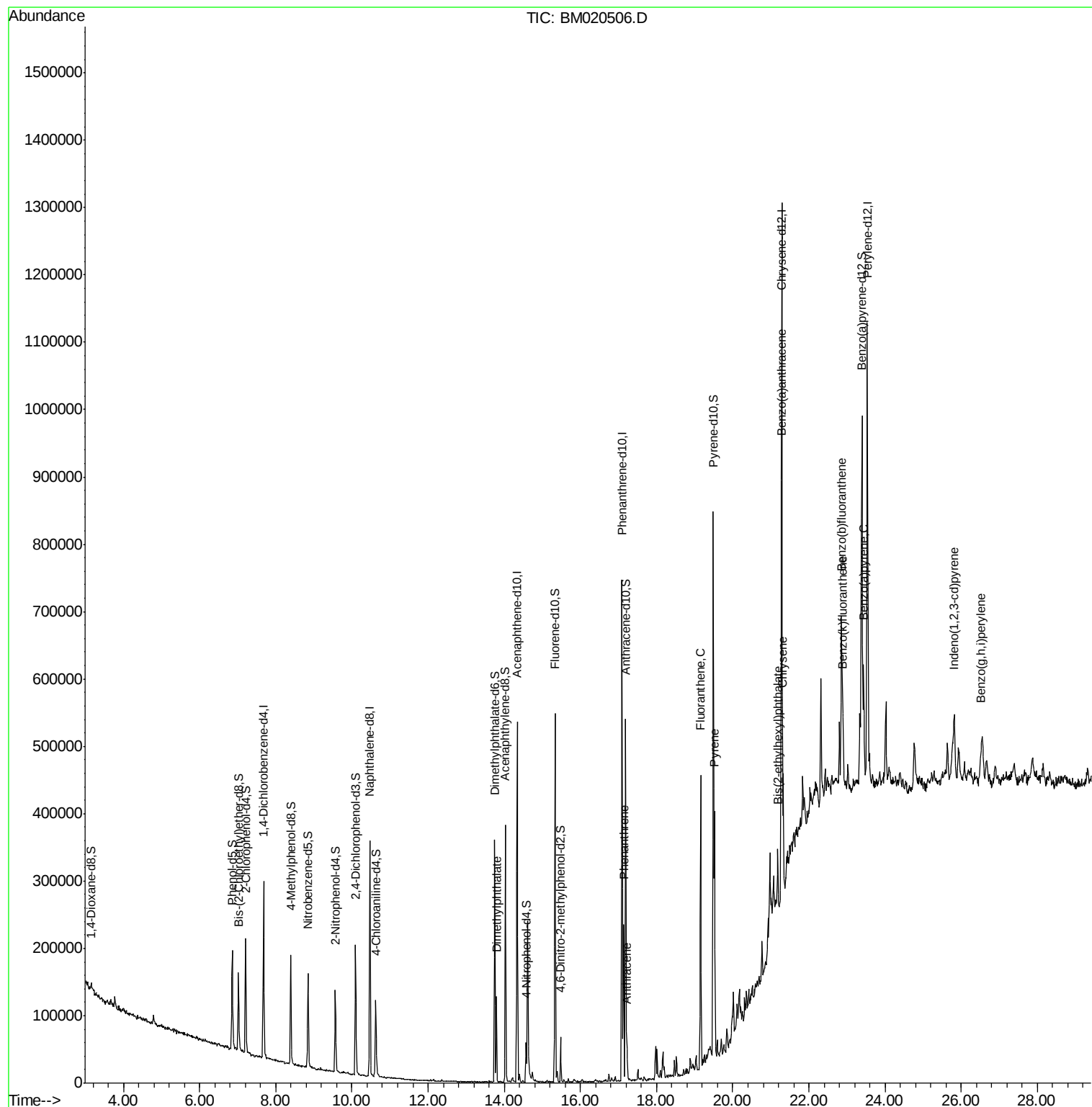
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052219\
Data File : BM020506.D
Acq On : 23 May 2019 00:01
Operator : JU/SJ
Sample : K2927-22
Misc :
ALS Vial : 12 Sample Multiplier: 1

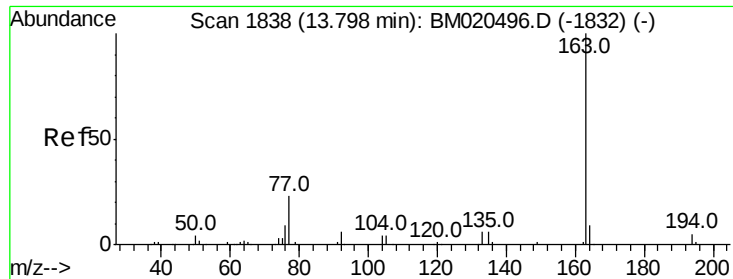
Instrument :
BNA_M
ClientSampleId :
A42F6

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Quant Time: May 23 08:07:52 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





#44

Dimethylphthalate

Concen: 6.333 ng/ul

RT: 13.80 min Scan# 1838

Delta R.T. -0.00 min

Lab File: BM020506.D

Acq: 23 May 2019 00:01

Instrument :

BNA_M

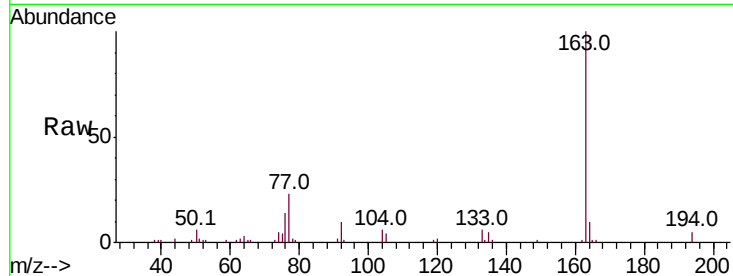
ClientSampled :

A42F6

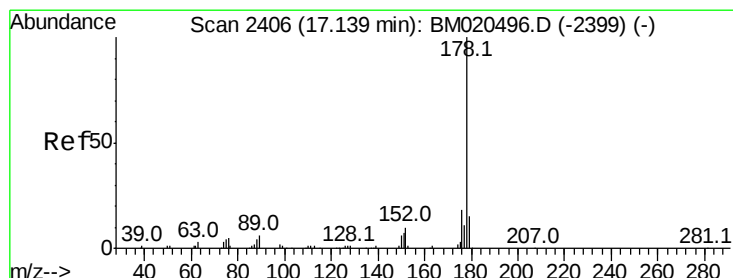
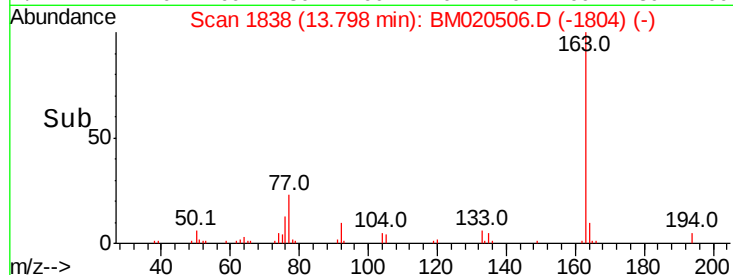
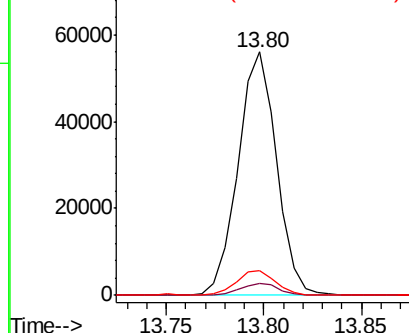
Tot Ion:	163	Resp:	76486
Ion Ratio	Lower	Upper	
163	100		
194	5.0	3.3	4.9#
164	10.0	8.0	12.0

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Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E



#69

Phenanthrene

Concen: 6.770 ng/ul

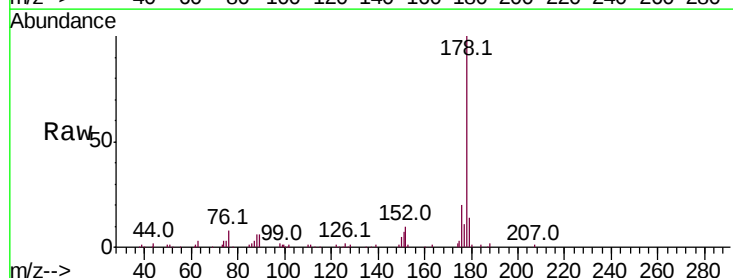
RT: 17.13 min Scan# 2405

Delta R.T. -0.01 min

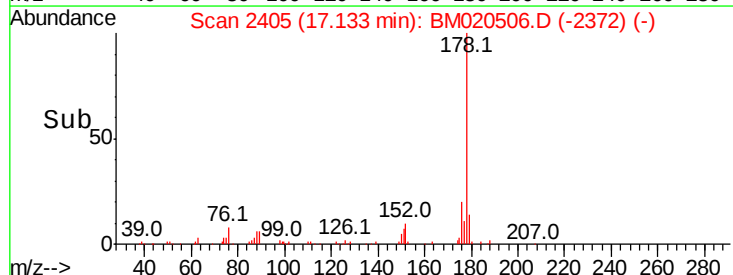
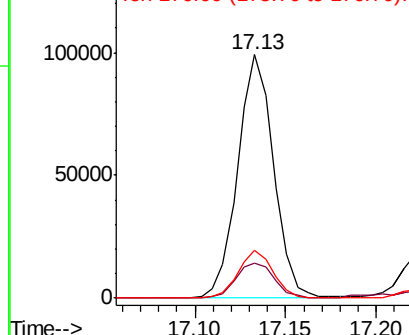
Lab File: BM020506.D

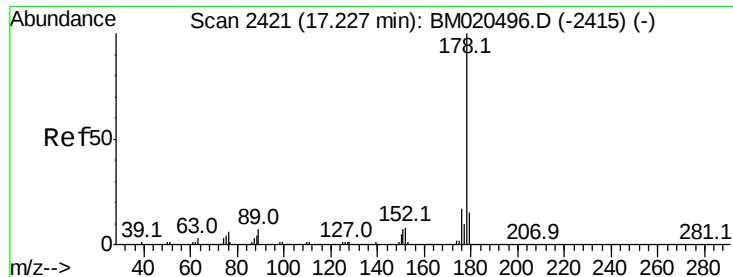
Acq: 23 May 2019 00:01

Tgt Ion:	178	Resp:	136703
Ion Ratio	Lower	Upper	
178	100		
179	14.4	11.9	17.9
176	19.5	14.6	22.0



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





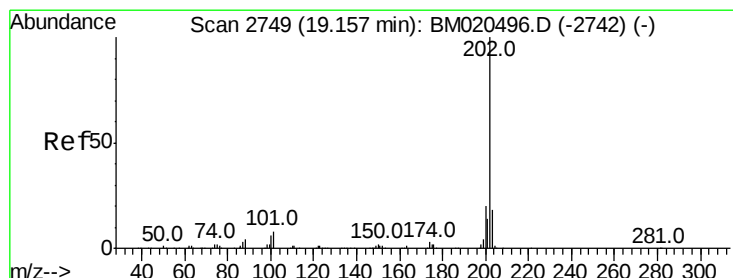
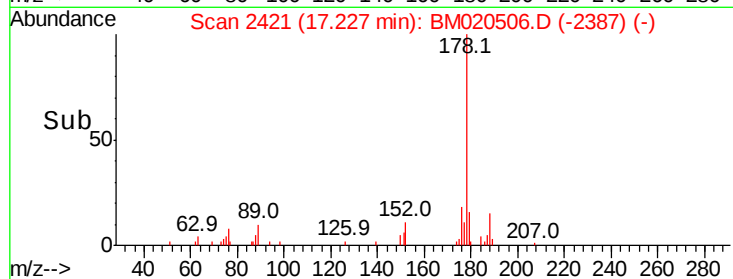
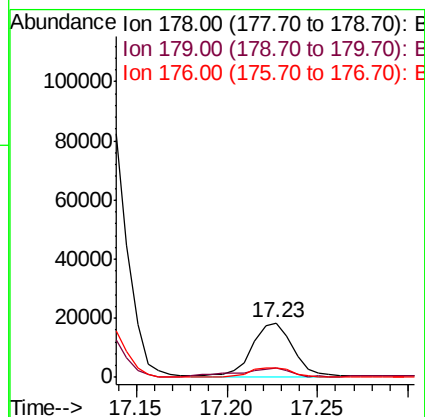
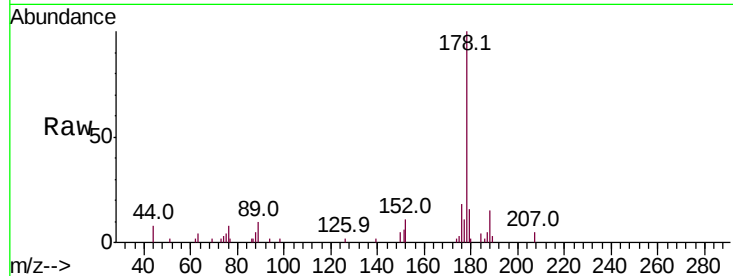
#71
 Anthracene
 Concen: 1.453 ng/ul
 RT: 17.23 min Scan# 2421
 Delta R.T. -0.00 min
 Lab File: BM020506.D
 Acq: 23 May 2019 00:01

Instrument :
 BNA_M
 ClientSampleId :
 A42F6

Tot Ion:178	Resp:	29843
Ion Ratio	Lower	Upper
178	100	
179	16.4	12.4 18.6
176	17.8	14.4 21.6

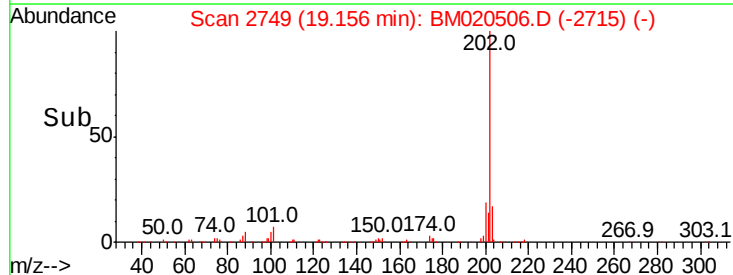
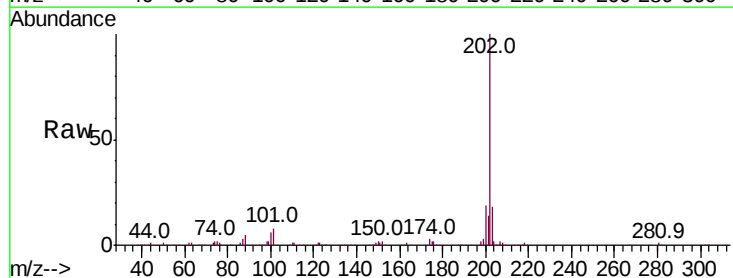
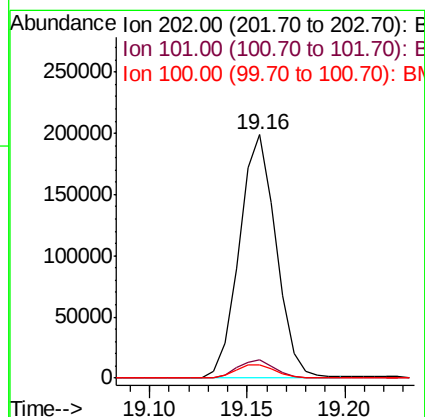
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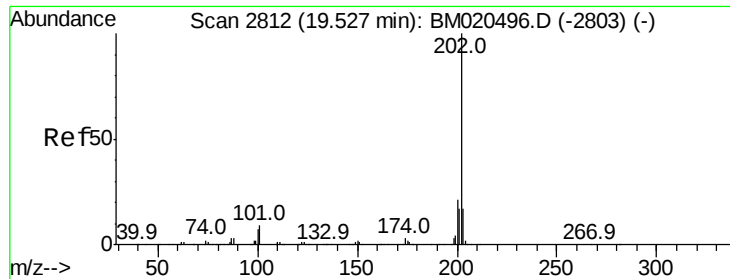
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#76
 Fluoranthene
 Concen: 10.209 ng/ul
 RT: 19.16 min Scan# 2749
 Delta R.T. -0.00 min
 Lab File: BM020506.D
 Acq: 23 May 2019 00:01

Tgt Ion:202	Resp:	260429
Ion Ratio	Lower	Upper
202	100	
101	7.6	6.4 9.6
100	5.6	5.2 7.8





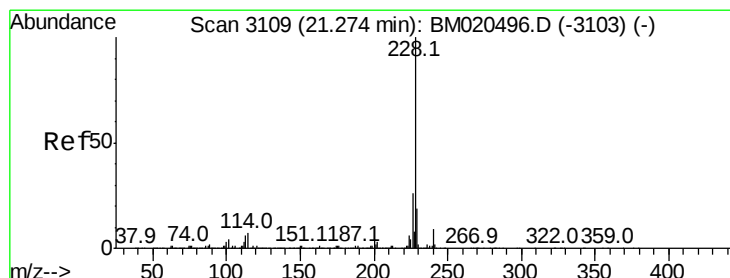
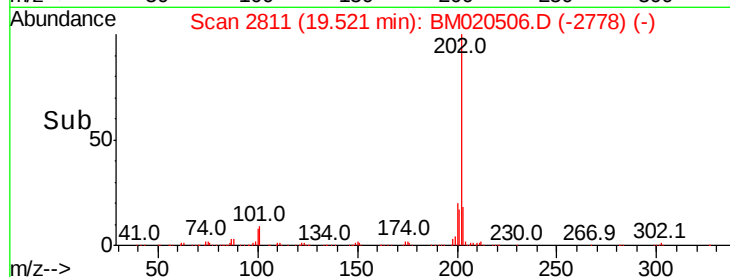
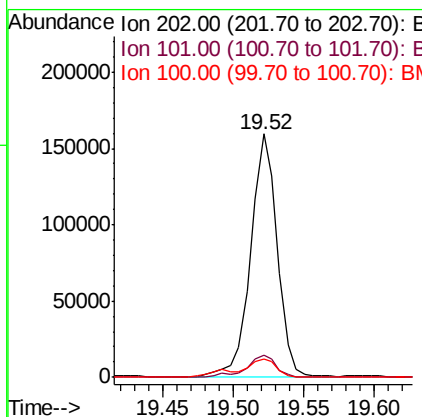
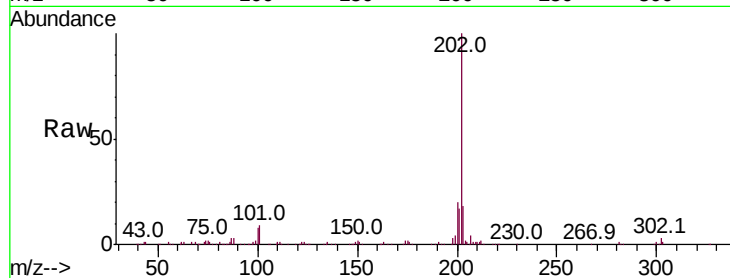
#79
Pvrene
Concen: 7.979 ng/ul
RT: 19.52 min Scan# 2811
Delta R.T. -0.01 min
Lab File: BM020506.D
Acq: 23 May 2019 00:01

Instrument :
BNA_M
ClientSampleId :
A42F6

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	8.9	7.1	10.7
100	7.7	5.9	8.9

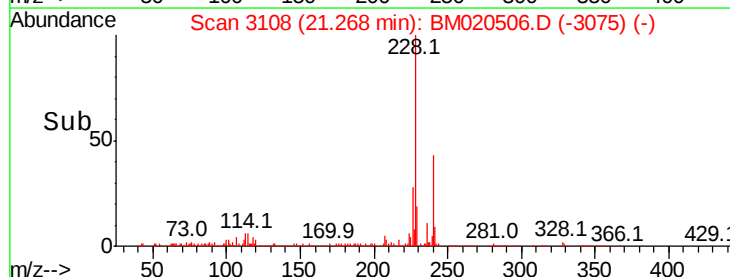
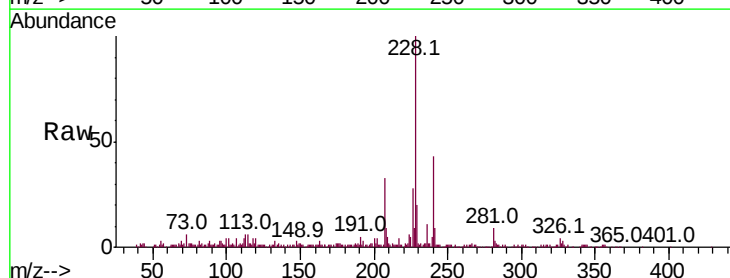
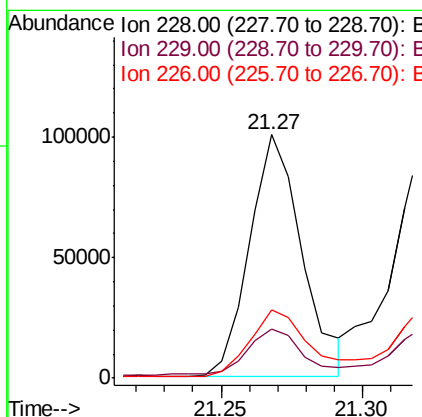
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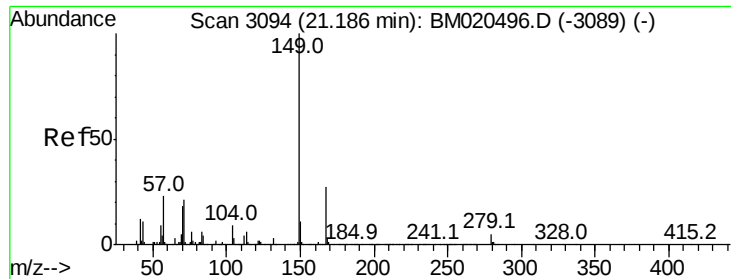
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#82
Benzo(a)anthracene
Concen: 4.815 ng/ul
RT: 21.27 min Scan# 3108
Delta R.T. -0.01 min
Lab File: BM020506.D
Acq: 23 May 2019 00:01

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
229	20.2	15.8	23.8
226	28.2	20.6	30.8





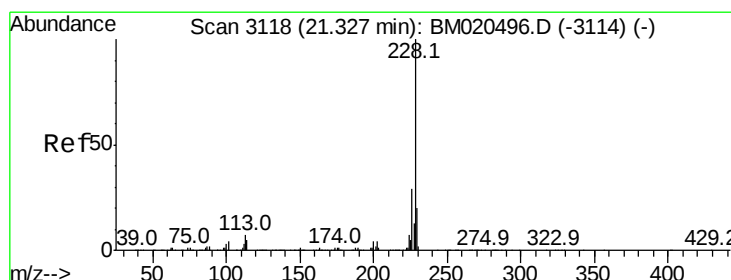
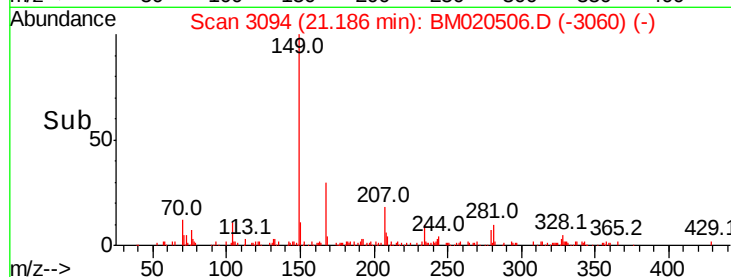
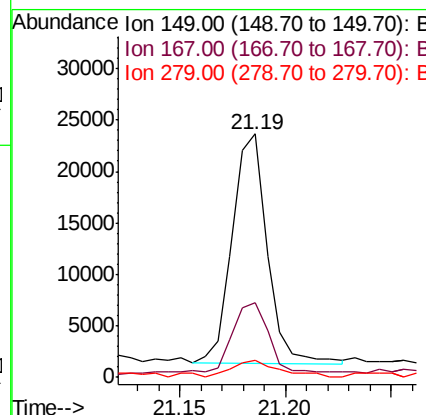
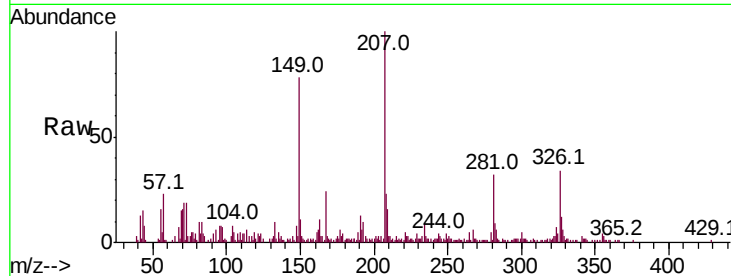
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 2.102 ng/ul
 RT: 21.19 min Scan# 3094
 Delta R.T. -0.00 min
 Lab File: BM020506.D
 Acq: 23 May 2019 00:01

Instrument :
 BNA_M
 ClientSampleId :
 A42F6

Tot Ion	Ratio	Lower	Upper
149	100		
167	30.6	22.5	33.7
279	6.8	4.2	6.2

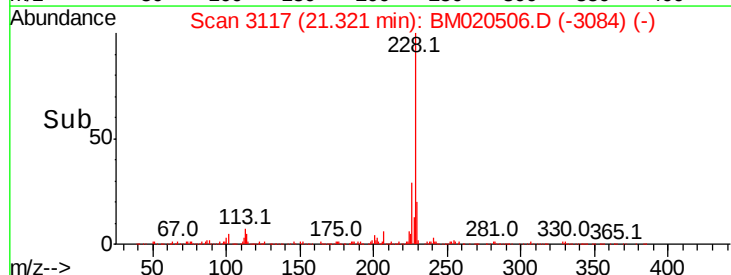
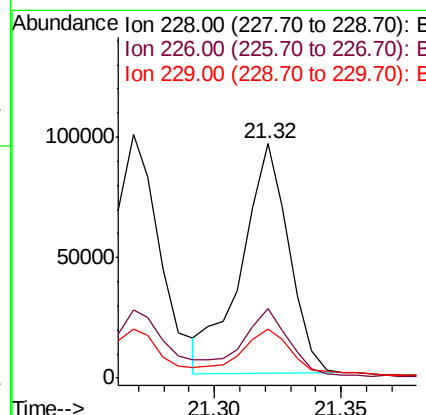
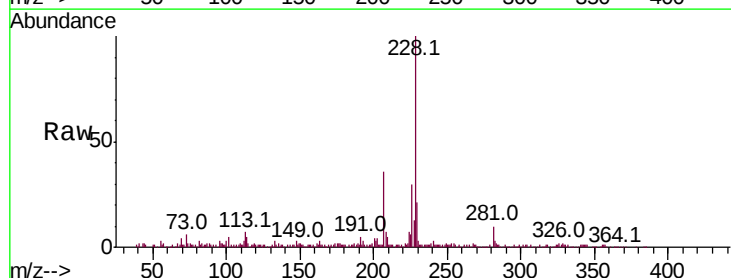
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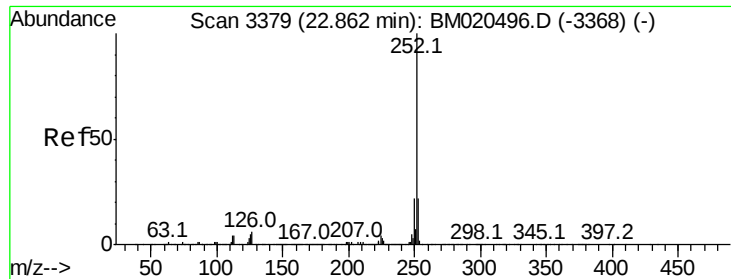
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#84
 Chrysene
 Concen: 4.819 ng/ul
 RT: 21.32 min Scan# 3117
 Delta R.T. -0.01 min
 Lab File: BM020506.D
 Acq: 23 May 2019 00:01

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.6	22.2	33.4
229	21.0	15.4	23.2





#87

Benzo(b)fluoranthene

Concen: 5.978 ng/ul

RT: 22.86 min Scan# 3378

Delta R.T. -0.01 min

Lab File: BM020506.D

Acq: 23 May 2019 00:01

Instrument :

BNA_M

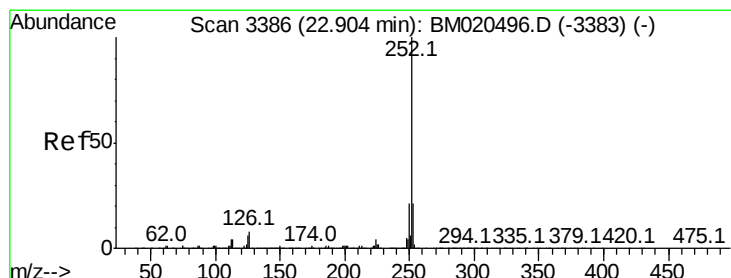
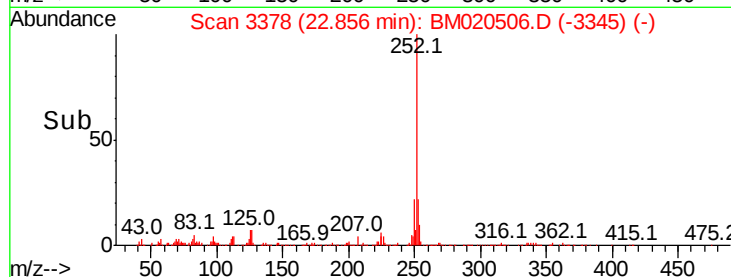
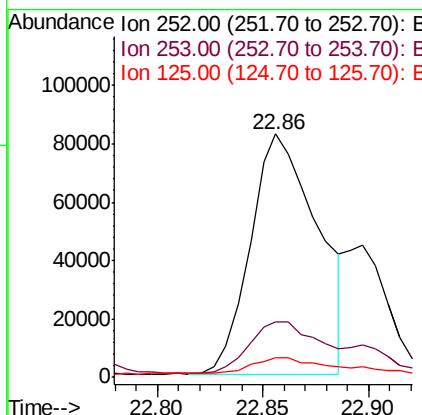
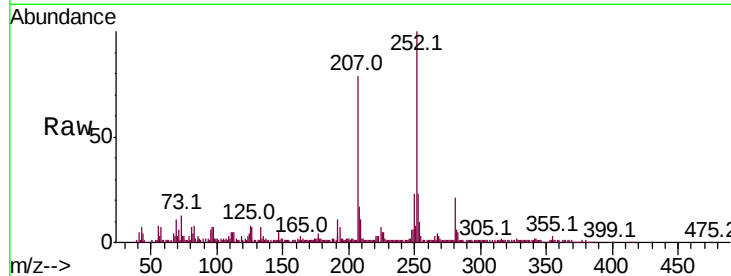
ClientSampled :

A42F6

Tot Ion:	252	Resp:	182527
Ion Ratio	Lower	Upper	
252	100		
253	23.0	17.0	25.6
125	8.0	5.0	7.4#

Manual Integrations
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#88

Benzo(k)fluoranthene

Concen: 2.019 ng/ul m

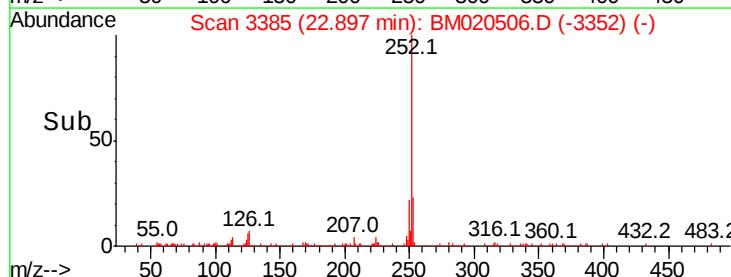
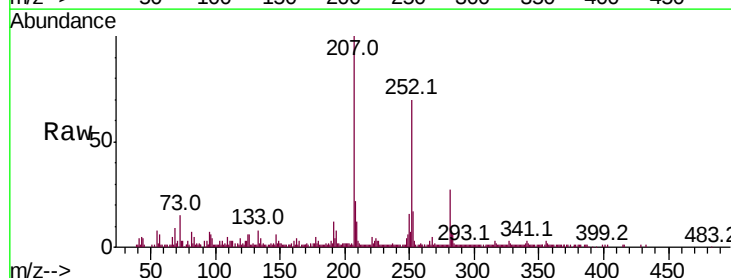
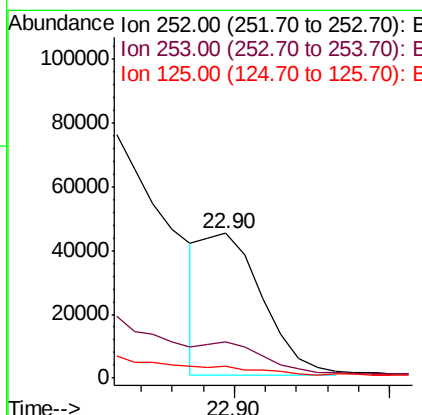
RT: 22.90 min Scan# 3385

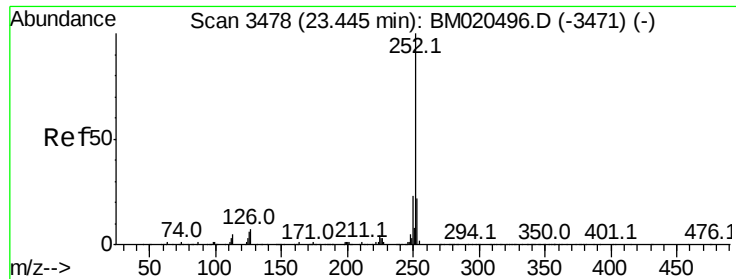
Delta R.T. -0.01 min

Lab File: BM020506.D

Acq: 23 May 2019 00:01

Tgt Ion:	252	Resp:	60552
Ion Ratio	Lower	Upper	
252	100		
253	24.8	17.6	26.4
125	8.2	5.0	7.6#





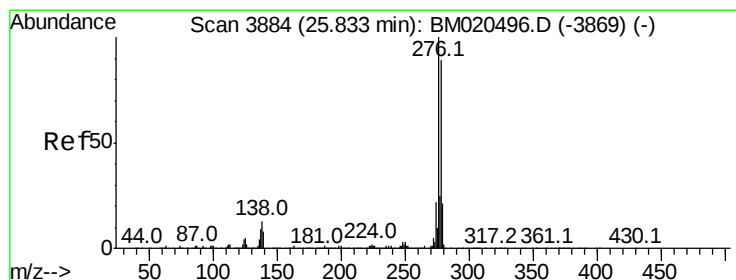
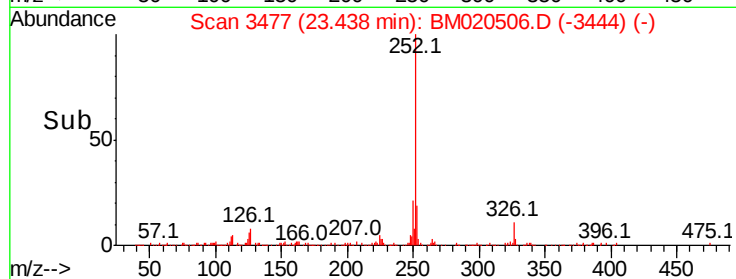
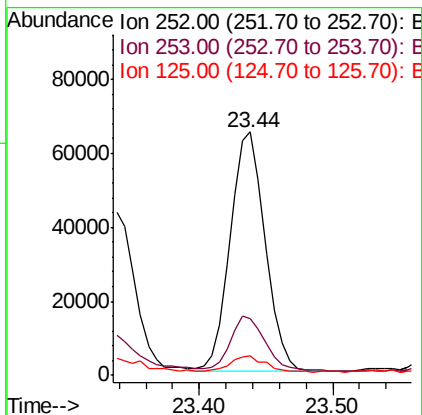
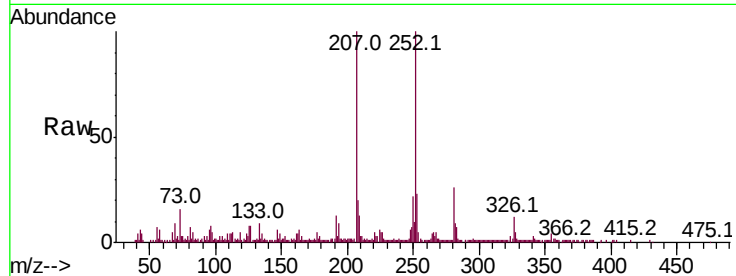
#90
Benzo(a)pyrene
Concen: 4.102 ng/ul
RT: 23.44 min Scan# 3477
Delta R.T. -0.01 min
Lab File: BM020506.D
Acq: 23 May 2019 00:01

Instrument :
BNA_M
ClientSampleId :
A42F6

Tot Ion:	252	Resp:	117861
Ion Ratio	Lower	Upper	
252	100		
253	23.2	17.4	26.2
125	7.9	5.4	8.2

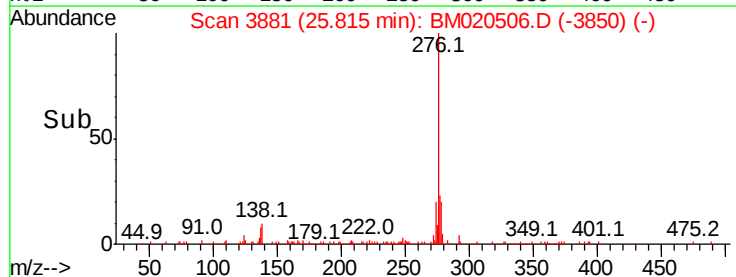
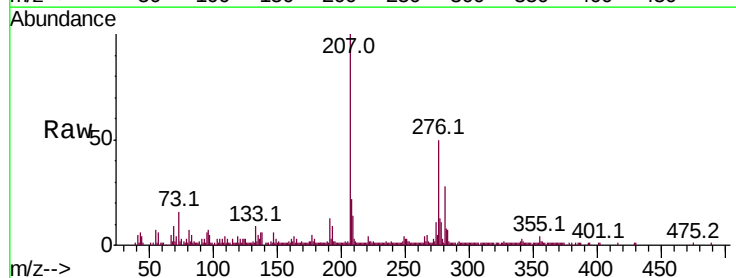
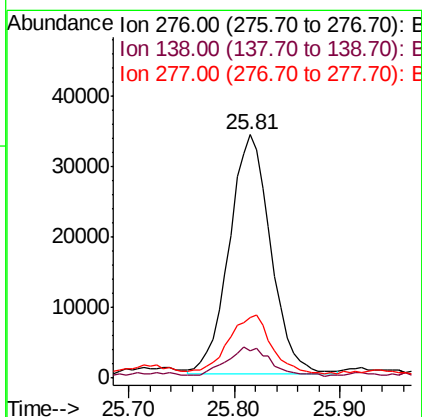
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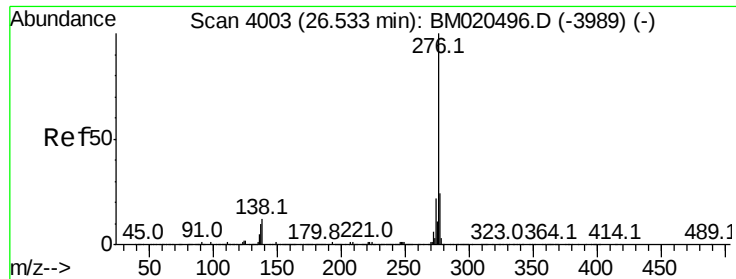
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#91
Indeno(1,2,3-cd)pyrene
Concen: 2.808 ng/ul
RT: 25.81 min Scan# 3881
Delta R.T. -0.02 min
Lab File: BM020506.D
Acq: 23 May 2019 00:01

Tgt Ion:	276	Resp:	91938
Ion Ratio	Lower	Upper	
276	100		
138	11.3	12.3	18.5#
277	25.0	20.0	30.0





#93

Benzo(a,h,i)perylene

Concen: 2.315 ng/ul

RT: 26.51 min Scan# 4000

Delta R.T. -0.02 min

Lab File: BM020506.D

Acq: 23 May 2019 00:01

Instrument :

BNA_M

ClientSampleId :

A42F6

Tot Ion:	276	Resp:	62749
Ion Ratio	Lower	Upper	
276	100		
138	12.7	10.0	15.0
277	27.5	18.2	27.4#

Manual Integrations
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