

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121918\
 Data File : BM018295.D
 Acq On : 19 Dec 2018 13:18
 Operator : JU/SJ
 Sample : J6319-11 10X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 065_SW-W-1

Manual Integrations
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Sohil
 12/20/2018 2:55:04 PM

Quant Time: Dec 19 14:33:48 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM121518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Dec 15 21:39:37 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.49	152	93793	20.00	ng	-0.02
21) Naphthalene-d8	10.25	136	349567	20.00	ng	-0.02
39) Acenaphthene-d10	14.15	164	185256	20.00	ng	-0.02
64) Phenanthrene-d10	16.91	188	409568	20.00	ng	-0.01
76) Chrysene-d12	21.13	240	501265	20.00	ng	-0.02
87) Perylene-d12	23.29	264	560690	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.12	112	46602	8.30	ng	0.00
7) Phenol-d6	6.69	99	53575	6.87	ng	-0.01
23) Nitrobenzene-d5	8.66	82	31003	4.55	ng	0.00
42) 2,4,6-Tribromophenol	15.66	330	16228	5.97	ng	0.00
45) 2-Fluorobiphenyl	12.76	172	55778	3.90	ng	-0.01
79) Terphenyl-d14	19.56	244	87541	3.95	ng	-0.01
Target Compounds						
75) Fluoranthene	18.98	202	146305	5.656	ng	98
78) Pyrene	19.35	202	140891	4.717	ng	99
81) Benzo(a)anthracene	21.12	228	188867	6.450	ng	99
83) Chrysene	21.16	228	175224m	6.221	ng	
86) Indeno(1,2,3-cd)pyrene	25.41	276	300884	10.725	ng	96
88) Benzo(b)fluoranthene	22.65	252	413351m	13.124	ng	
89) Benzo(k)fluoranthene	22.69	252	121031m	3.859	ng	
90) Benzo(a)pyrene	23.19	252	372861	12.447	ng	99
91) Dibenzo(a,h)anthracene	25.41	278	100645	3.627	ng	# 78
92) Benzo(g,h,i)perylene	26.06	276	293157	11.177	ng	98

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

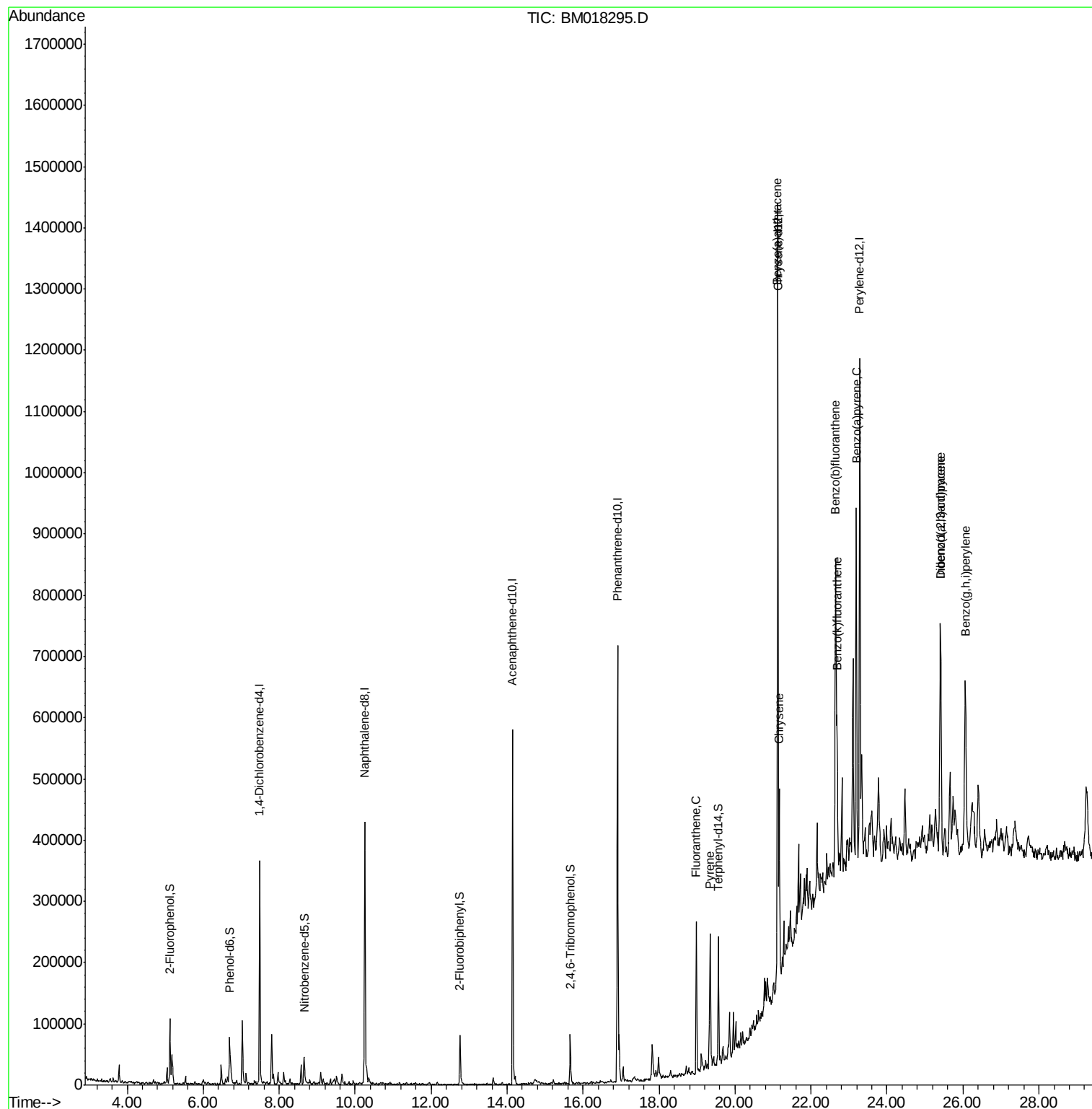
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121918\
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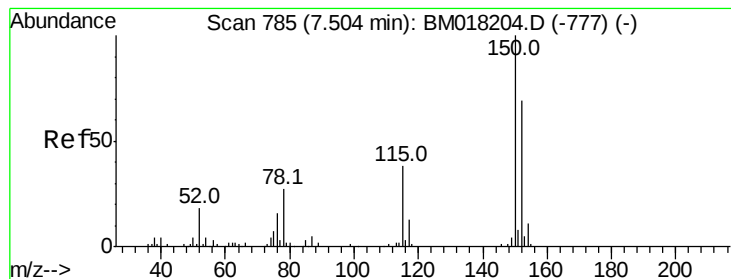
Instrument :
BNA_M
ClientSampleId :
065_SW-W-1

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

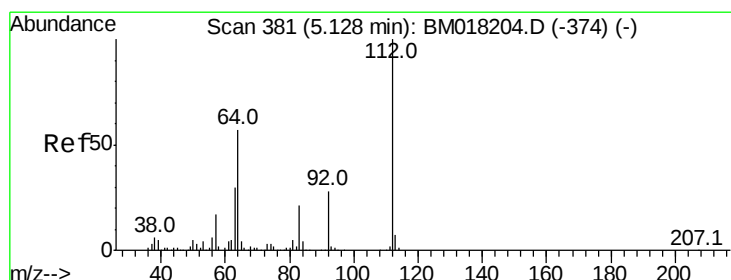
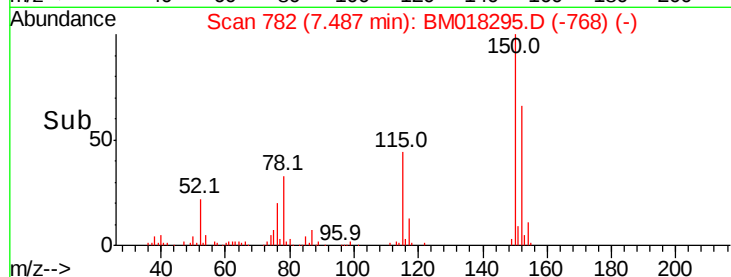
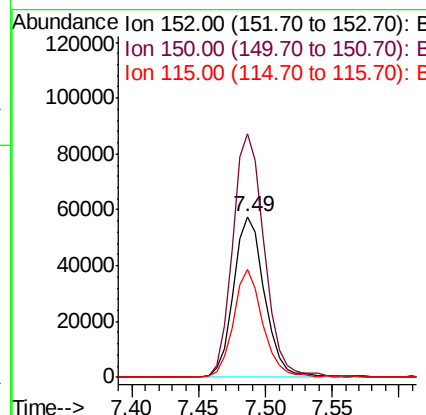
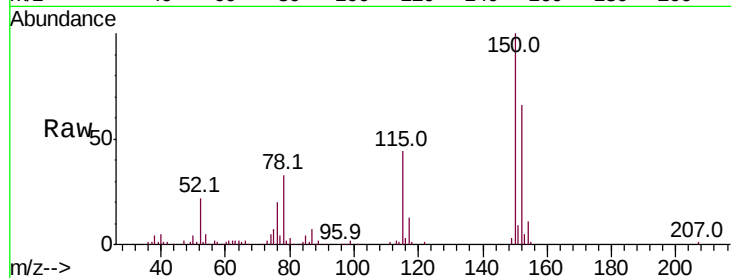
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.49 min Scan# 782
Delta R.T. -0.02 min
Lab File: BM018295.D
Acq: 19 Dec 2018 13:18

Instrument :
BNA_M
ClientSampled :
065_SW-W-1

Tot Ion	Ratio	Lower	Upper
152	100		
150	151.4	116.1	174.1
115	67.1	44.6	67.0

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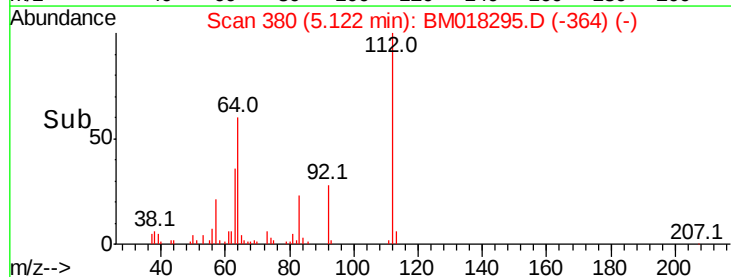
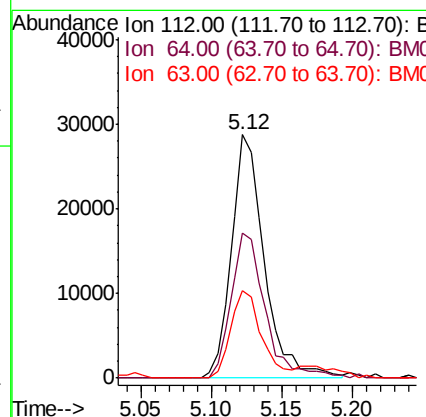
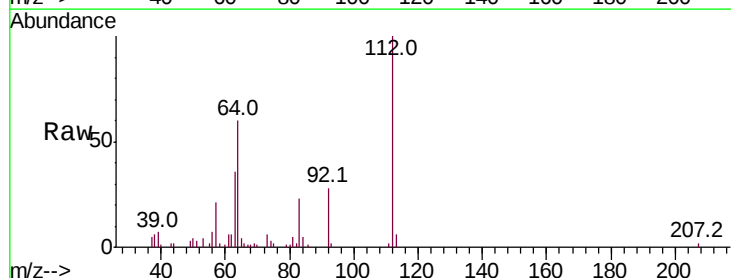
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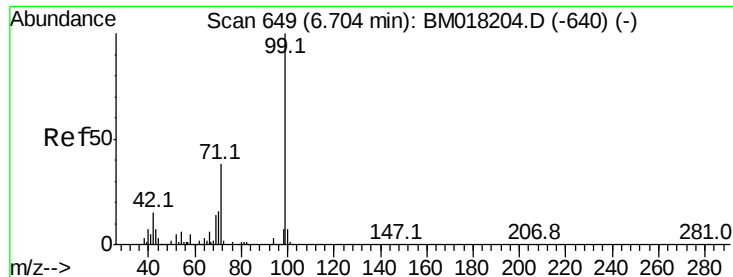


#5

2-Fluorophenol
Concen: 8.300 ng
RT: 5.12 min Scan# 380
Delta R.T. -0.01 min
Lab File: BM018295.D
Acq: 19 Dec 2018 13:18

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.8	45.4	68.2
63	35.8	24.0	36.0





#7

Phenol-d6

Concen: 6.865 ng

RT: 6.69 min Scan# 647

Delta R.T. -0.01 min

Lab File: BM018295.D

Acq: 19 Dec 2018 13:18

Instrument :

BNA_M

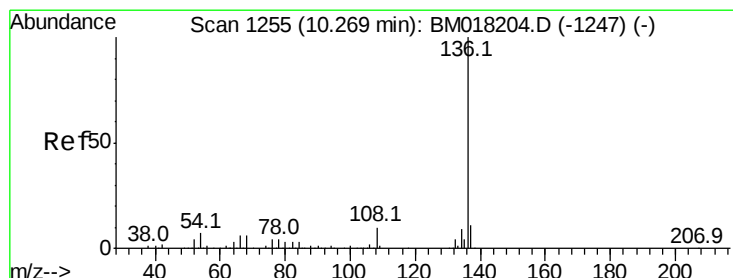
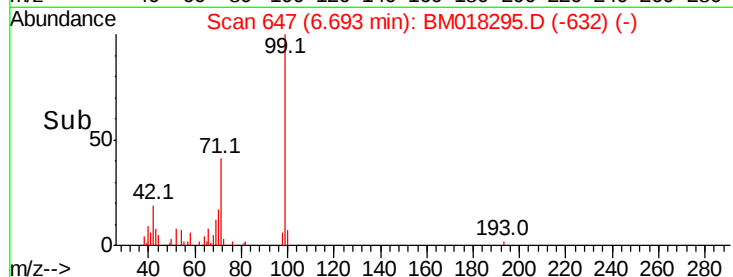
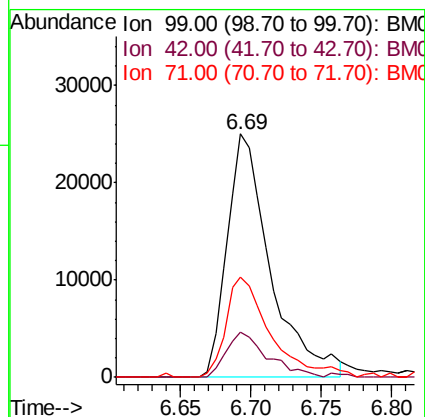
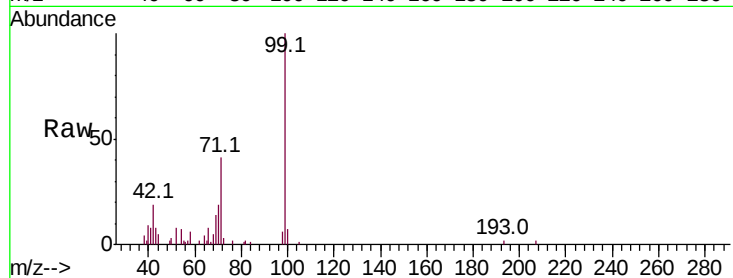
ClientSampleId :

065_SW-W-1

Tot Ion:	99	Resp:	53575
Ion Ratio	Lower	Upper	
99	100		
42	18.7	12.3	18.5#
71	41.4	30.2	45.2

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#21

Naphthalene-d8

Concen: 20.000 ng

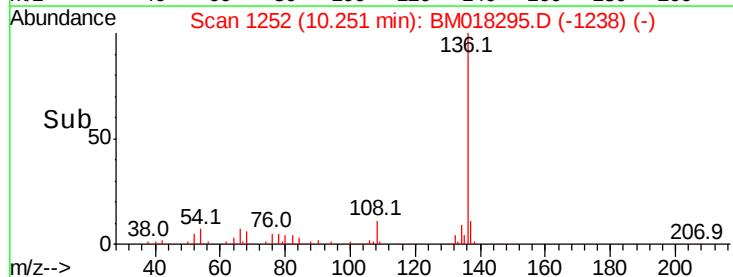
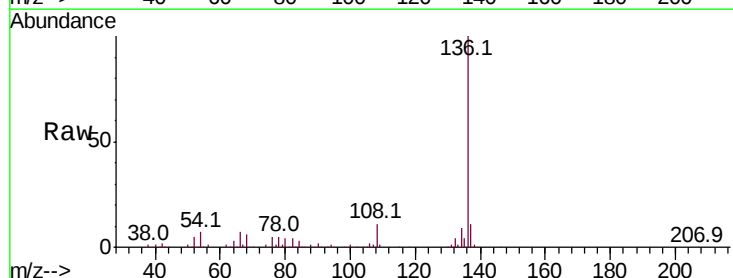
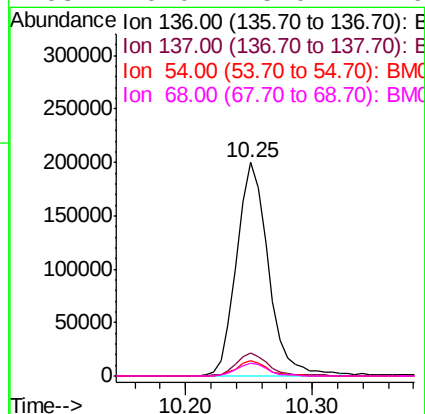
RT: 10.25 min Scan# 1252

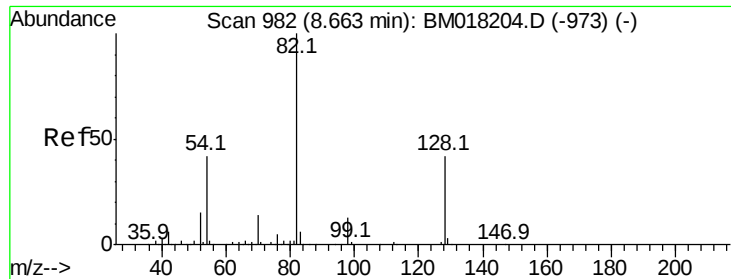
Delta R.T. -0.02 min

Lab File: BM018295.D

Acq: 19 Dec 2018 13:18

Tgt Ion:	136	Resp:	349567
Ion Ratio	Lower	Upper	
136	100		
137	10.9	9.2	13.8
54	7.2	5.2	7.8
68	6.0	5.0	7.6





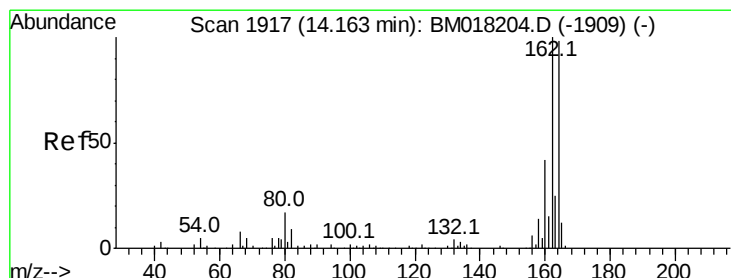
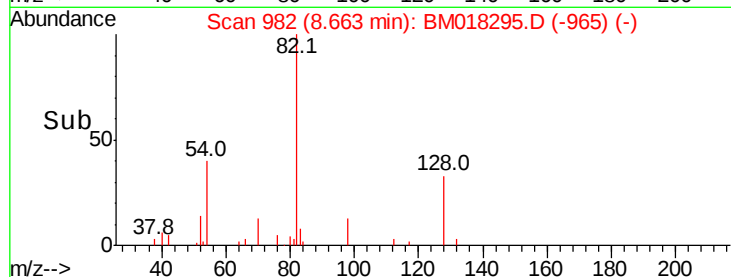
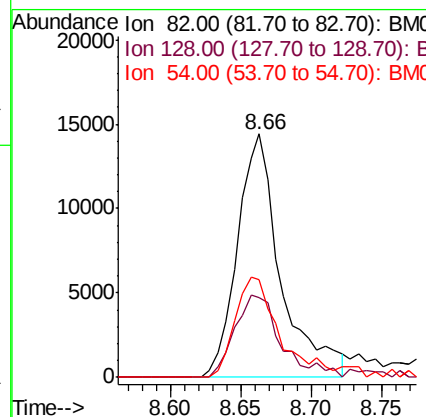
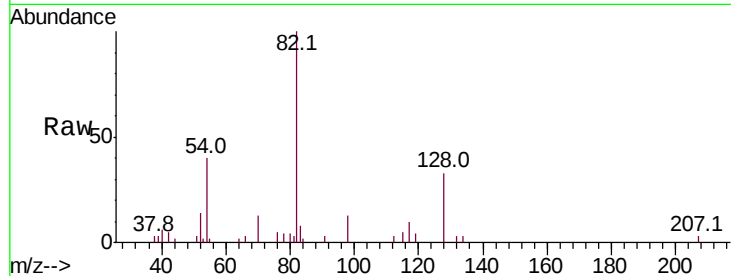
#23
Nitrobenzene-d5
Concen: 4.549 ng
RT: 8.66 min Scan# 982
Delta R.T. 0.00 min
Lab File: BM018295.D
Acq: 19 Dec 2018 13:18

Instrument :
BNA_M
ClientSampleId :
065_SW-W-1

Tot Ion	Ratio	Lower	Upper
82	100		
128	33.0	33.4	50.2#
54	40.3	33.4	50.2

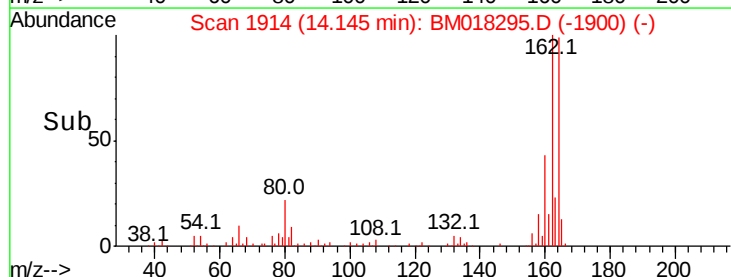
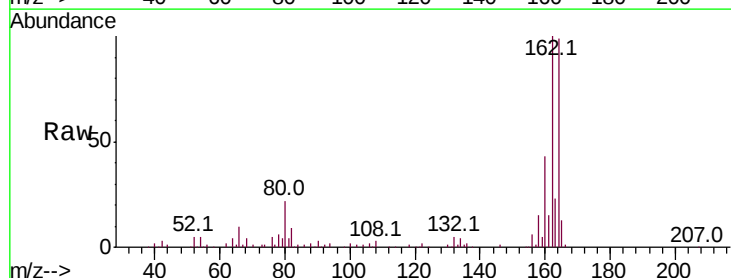
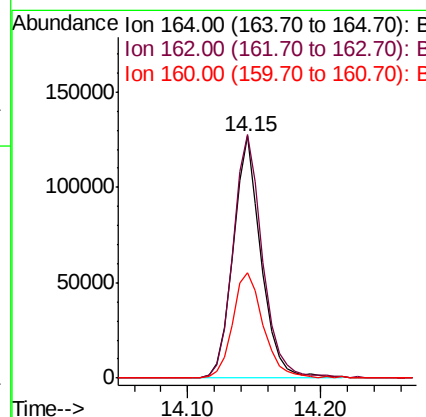
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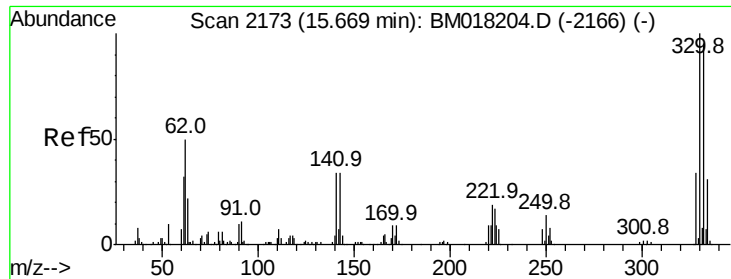
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.15 min Scan# 1914
Delta R.T. -0.02 min
Lab File: BM018295.D
Acq: 19 Dec 2018 13:18

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.7	81.8	122.6
160	43.4	34.6	51.8





#42

2,4,6-Tribromophenol

Concen: 5.968 ng

RT: 15.66 min Scan# 2172

Delta R.T. -0.01 min

Lab File: BM018295.D

Acq: 19 Dec 2018 13:18

Instrument :

BNA_M

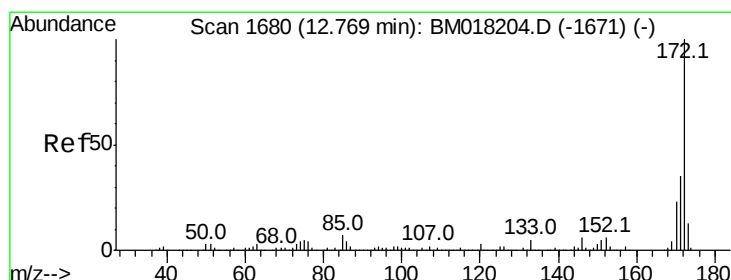
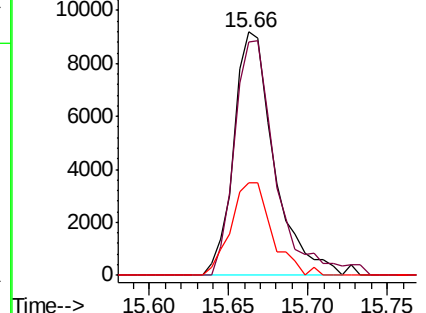
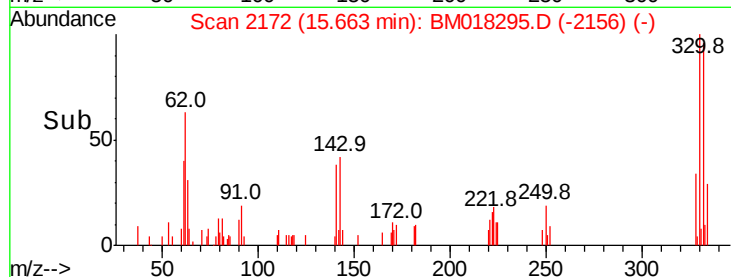
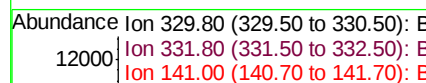
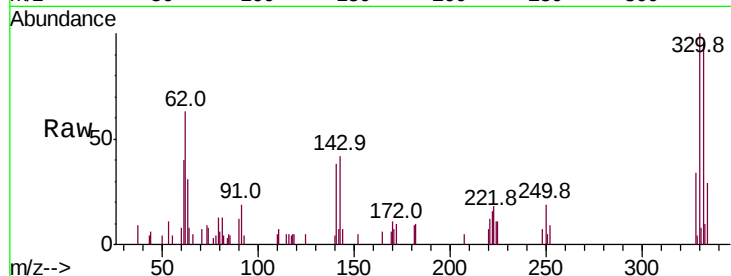
ClientSampleId :

065_SW-W-1

Tot Ion:	330	Resp:	16228
Ion Ratio	Lower	Upper	
330	100		
332	96.8	78.6	118.0
141	38.4	27.1	40.7

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#45

2-Fluorobiphenyl

Concen: 3.900 ng

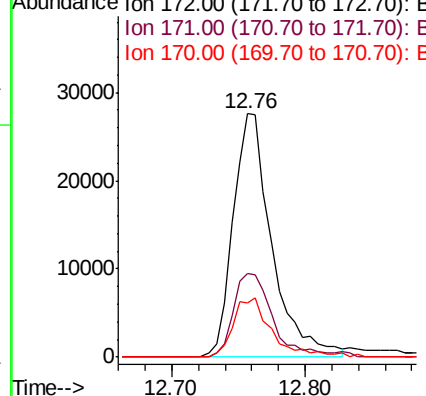
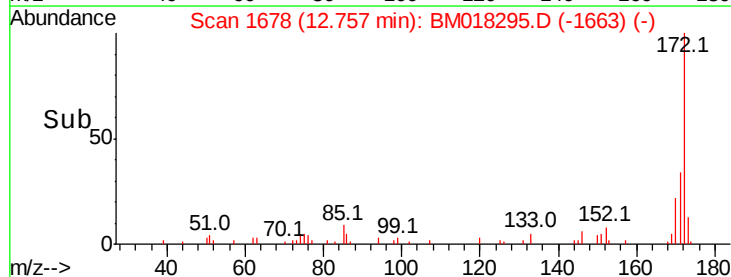
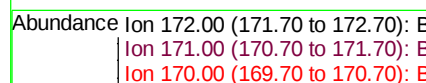
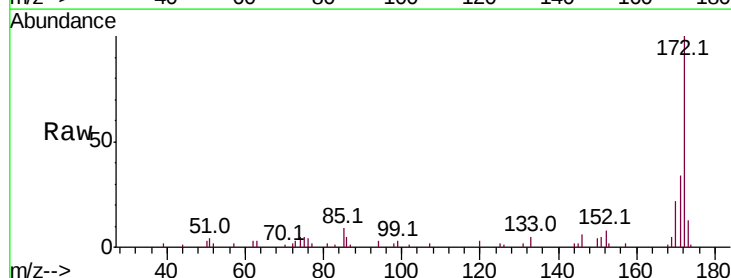
RT: 12.76 min Scan# 1678

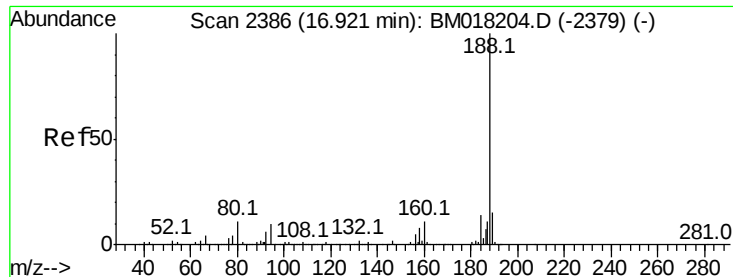
Delta R.T. -0.01 min

Lab File: BM018295.D

Acq: 19 Dec 2018 13:18

Tgt Ion:	172	Resp:	55778
Ion Ratio	Lower	Upper	
172	100		
171	34.3	28.3	42.5
170	22.2	18.1	27.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.91 min Scan# 2384

Delta R.T. -0.01 min

Lab File: BM018295.D

Acq: 19 Dec 2018 13:18

Instrument :

BNA_M

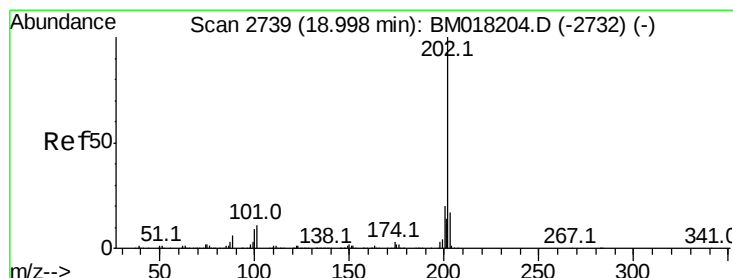
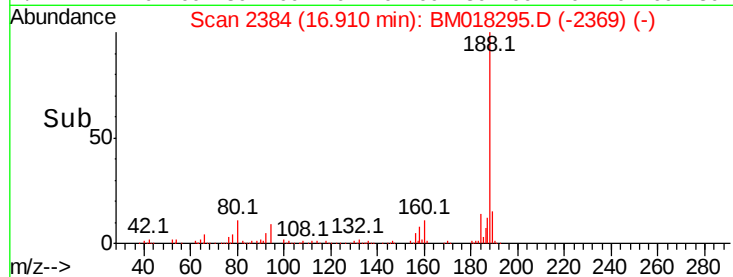
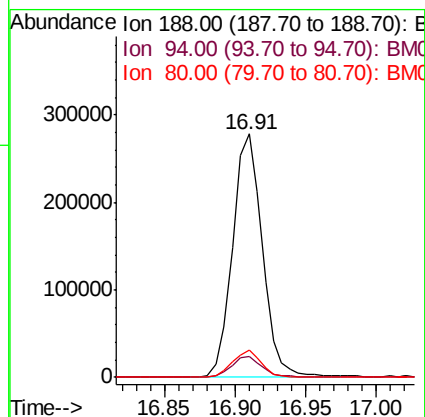
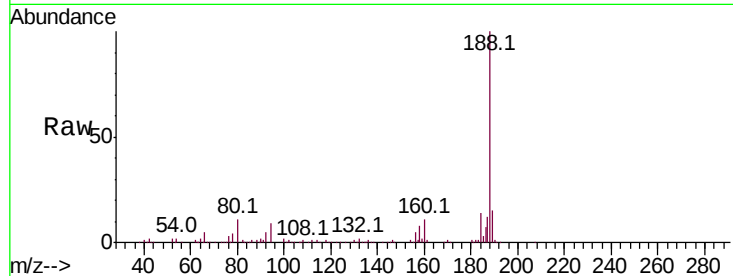
ClientSampleId :

065_SW-W-1

Tot Ion:	188	Resp:	409568
Ion Ratio	Lower	Upper	
188	100		
94	8.8	8.0	12.0
80	11.2	9.0	13.6

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#75

Fluoranthene

Concen: 5.656 ng

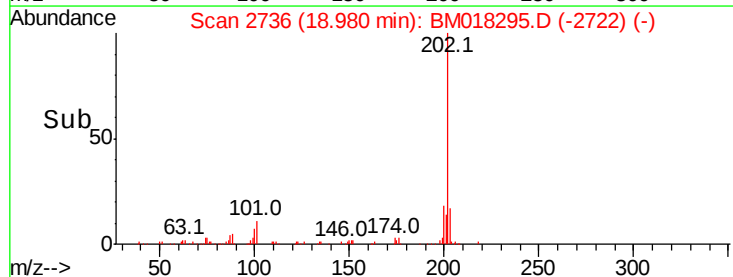
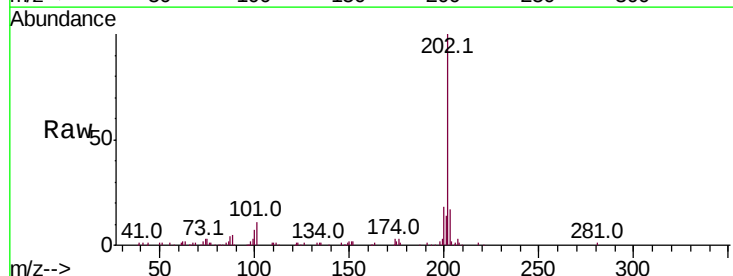
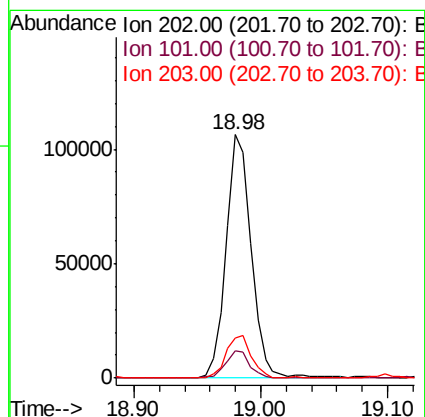
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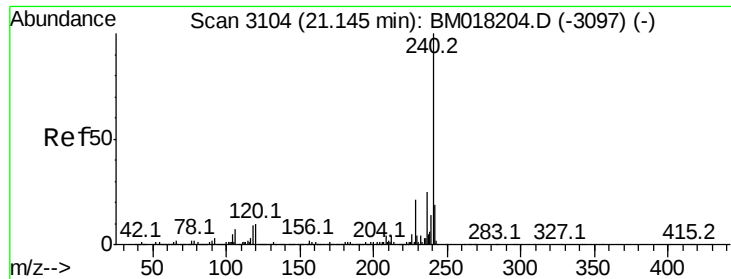
Delta R.T. -0.02 min

Lab File: BM018295.D

Acq: 19 Dec 2018 13:18

Tgt Ion:	202	Resp:	146305
Ion Ratio	Lower	Upper	
202	100		
101	11.3	0.0	30.5
203	16.6	0.0	37.5





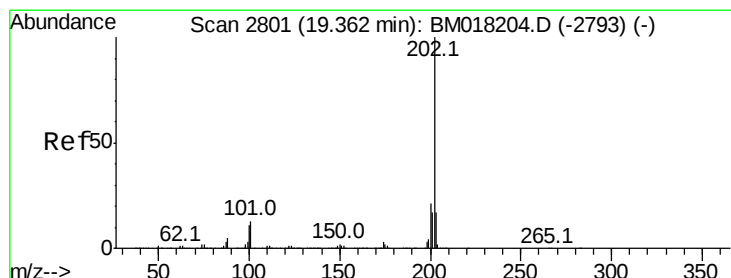
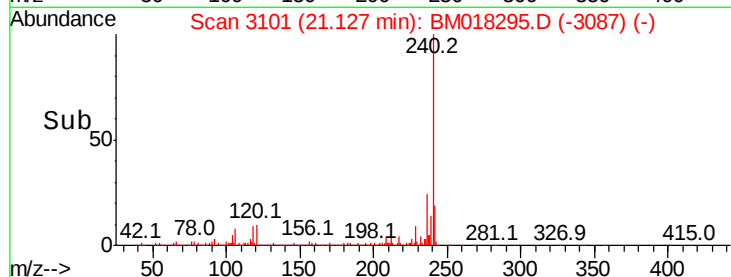
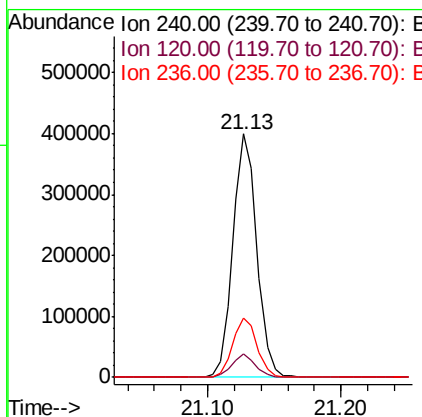
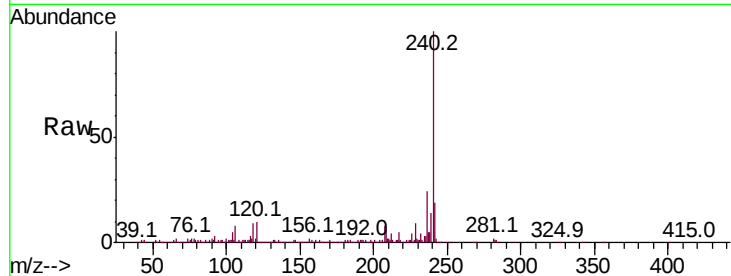
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.13 min Scan# 3101
Delta R.T. -0.02 min
Lab File: BM018295.D
Acq: 19 Dec 2018 13:18

Instrument :
BNA_M
ClientSampleId :
065_SW-W-1

Tot Ion	Ratio	Resp	Lower	Upper
240	100			
120	9.9	8.2	12.2	
236	24.2	20.3	30.5	

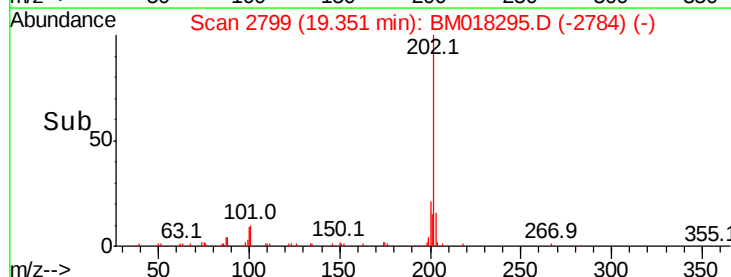
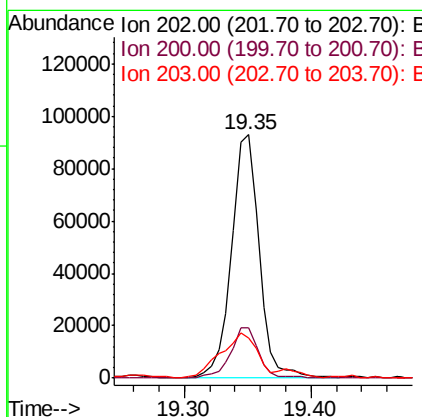
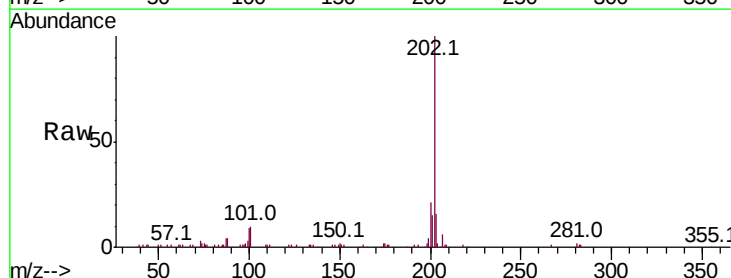
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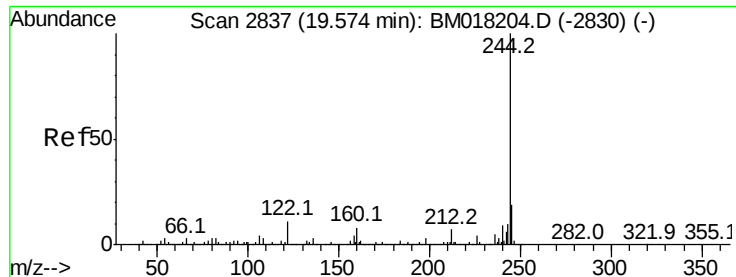
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#78
Pyrene
Concen: 4.717 ng
RT: 19.35 min Scan# 2799
Delta R.T. -0.01 min
Lab File: BM018295.D
Acq: 19 Dec 2018 13:18

Tgt Ion	Ratio	Resp	Lower	Upper
202	100			
200	20.6	16.5	24.7	
203	16.4	14.0	21.0	





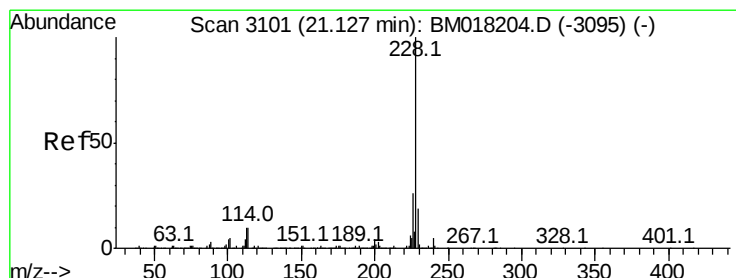
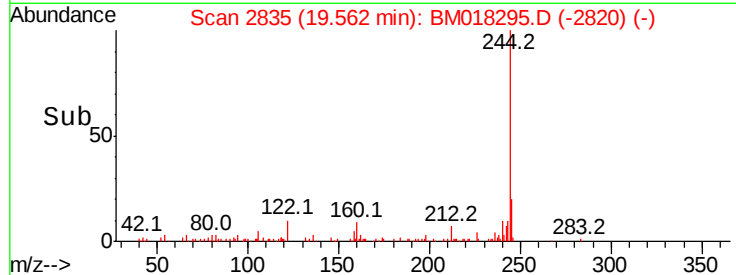
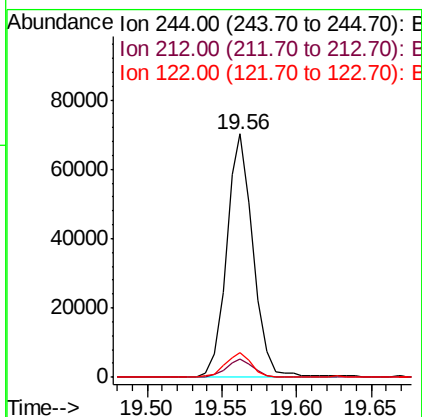
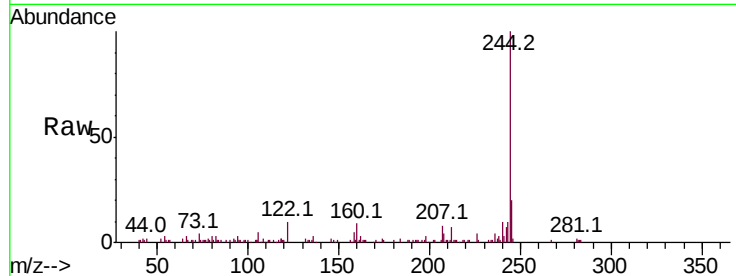
#79
 Terphenyl-d14
 Concen: 3.950 ng
 RT: 19.56 min Scan# 2835
 Delta R.T. -0.01 min
 Lab File: BM018295.D
 Acq: 19 Dec 2018 13:18

Instrument :
 BNA_M
 ClientSampleId :
 065_SW-W-1

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.5	5.8	8.8
122	10.1	9.0	13.6

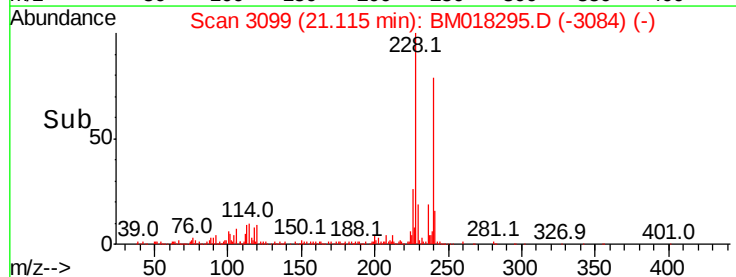
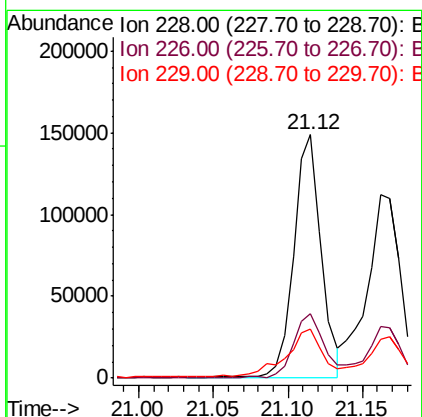
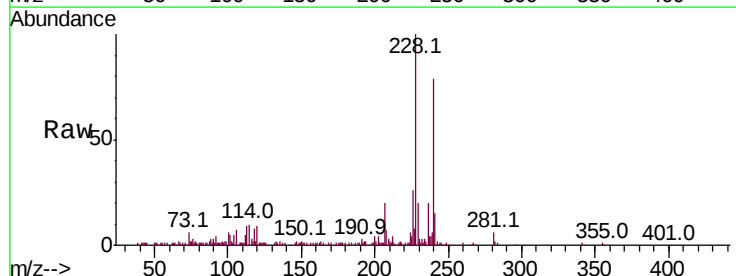
Manual Integrations
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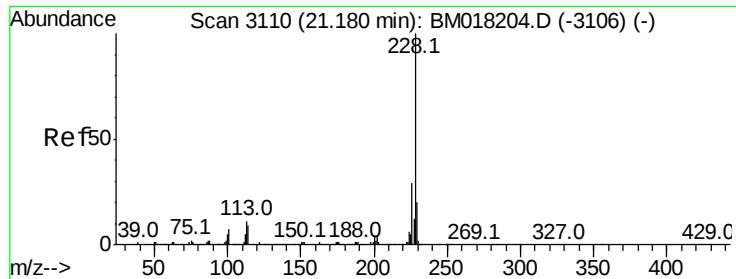
Sohil
 12/20/2018 2:55:04 PM



#81
 Benzo(a)anthracene
 Concen: 6.450 ng
 RT: 21.12 min Scan# 3099
 Delta R.T. -0.01 min
 Lab File: BM018295.D
 Acq: 19 Dec 2018 13:18

Tgt Ion	Ratio	Lower	Upper
228	100		
226	26.4	21.0	31.4
229	20.0	15.5	23.3





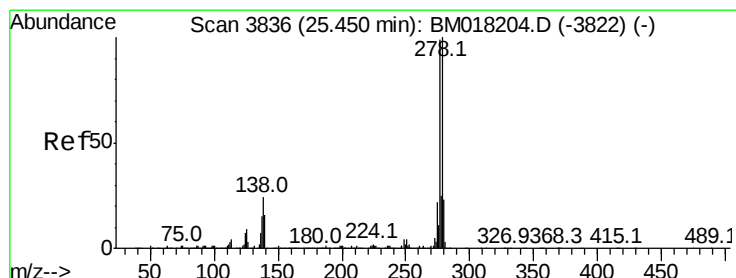
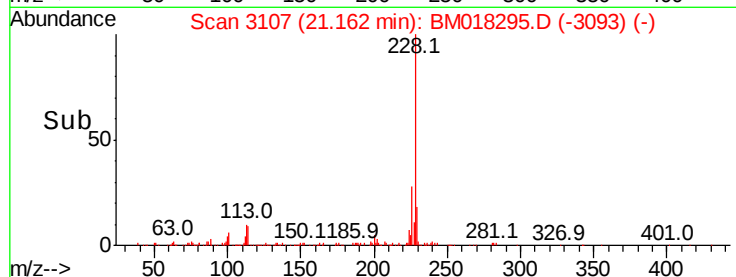
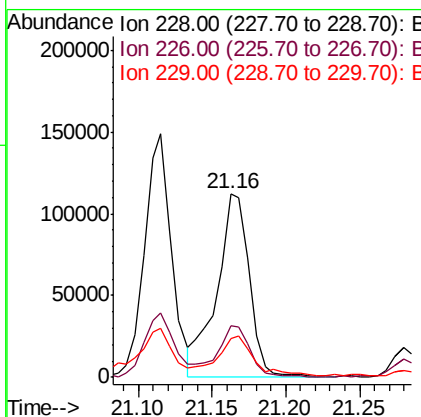
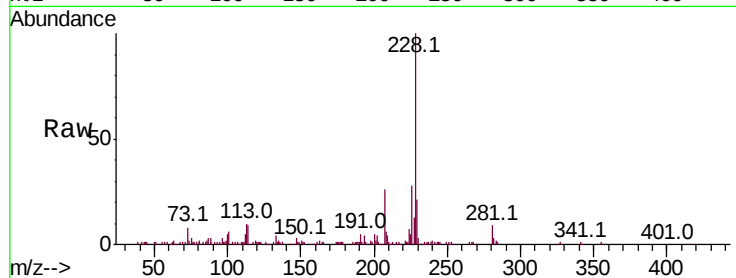
#83
Chrysene
Concen: 6.221 ng
RT: 21.16 min Scan# 3107
Delta R.T. -0.02 min
Lab File: BM018295.D
Acq: 19 Dec 2018 13:18

Instrument :
BNA_M
ClientSampleId :
065_SW-W-1

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.1	23.1	34.7
229	21.1	15.8	23.6

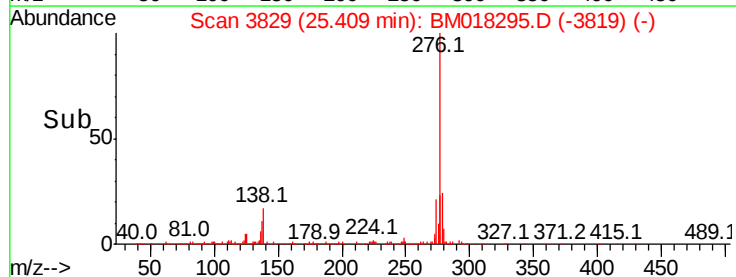
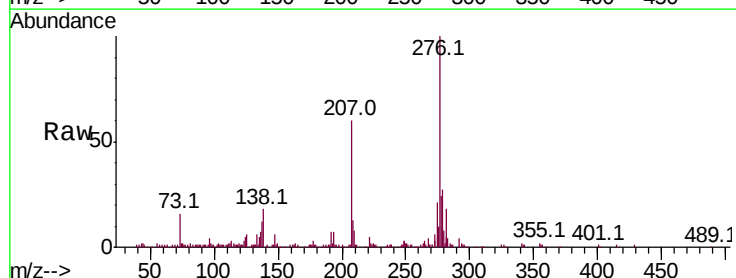
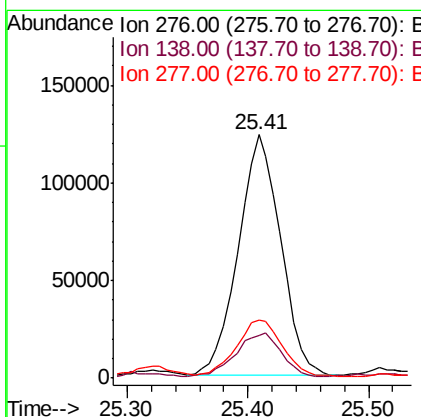
Manual Integrations
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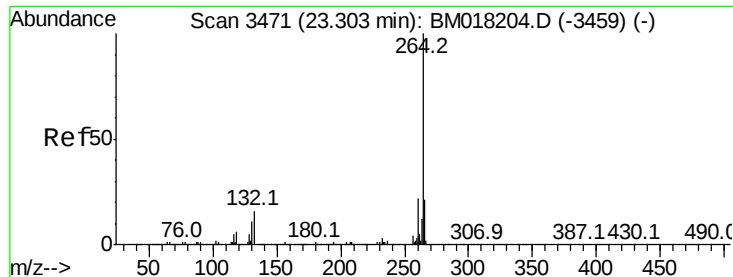
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#86
Indeno(1,2,3-cd)pyrene
Concen: 10.725 ng
RT: 25.41 min Scan# 3829
Delta R.T. -0.04 min
Lab File: BM018295.D
Acq: 19 Dec 2018 13:18

Tgt Ion	Ratio	Lower	Upper
276	100		
138	19.6	18.6	28.0
277	25.3	20.3	30.5





#87

Pervlene-d12

Concen: 20.000 ng

RT: 23.29 min Scan# 3468

Delta R.T. -0.02 min

Lab File: BM018295.D

Acq: 19 Dec 2018 13:18

Instrument :

BNA_M

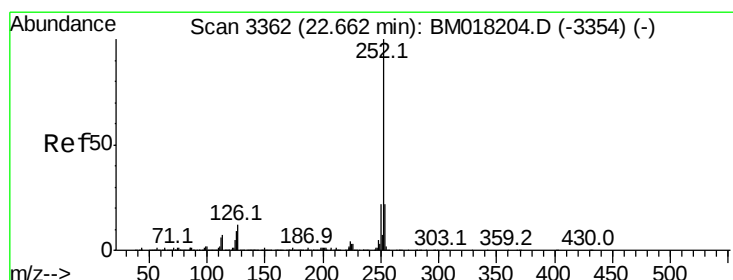
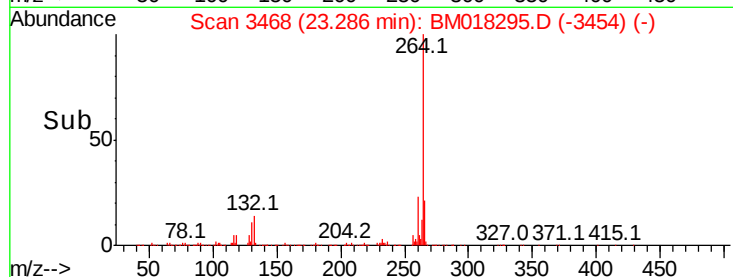
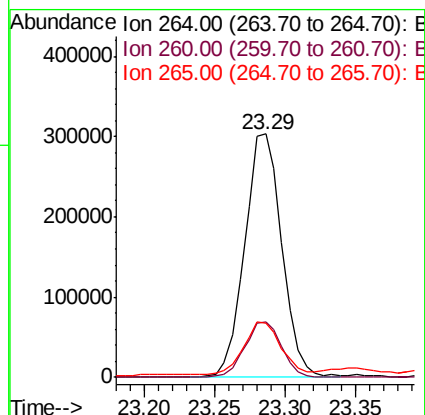
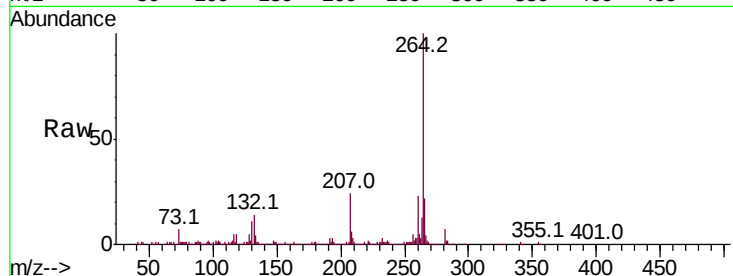
ClientSampleId :

065_SW-W-1

Tot Ion:	264	Resp:	560690
Ion Ratio	Lower	Upper	
264	100		
260	22.7	17.5	26.3
265	22.0	17.3	25.9

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#88

Benzo(b)fluoranthene

Concen: 13.124 ng m

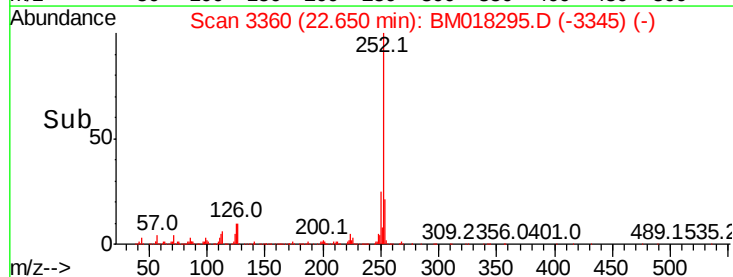
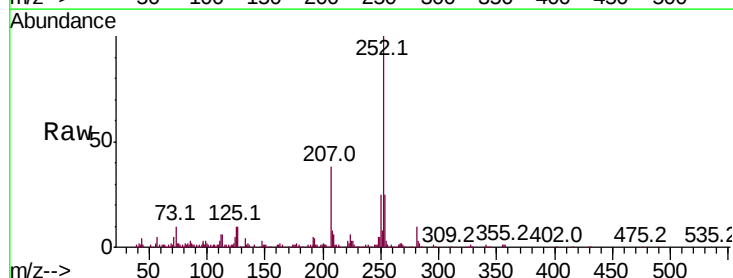
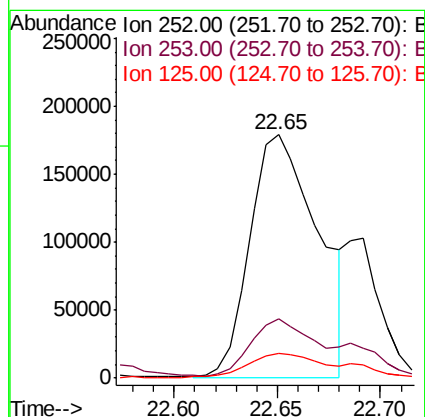
RT: 22.65 min Scan# 3360

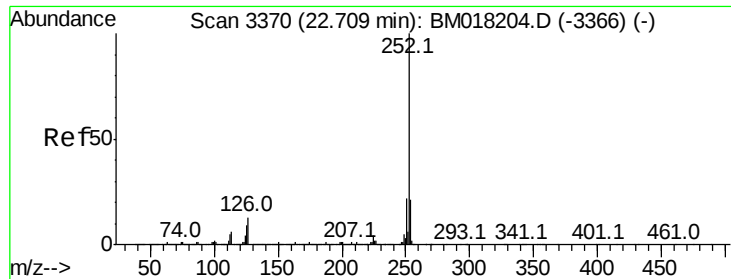
Delta R.T. -0.01 min

Lab File: BM018295.D

Acq: 19 Dec 2018 13:18

Tgt Ion:	252	Resp:	413351
Ion Ratio	Lower	Upper	
252	100		
253	24.5	17.6	26.4
125	10.1	7.4	11.0





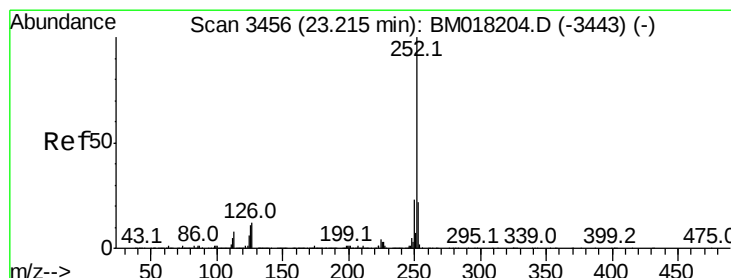
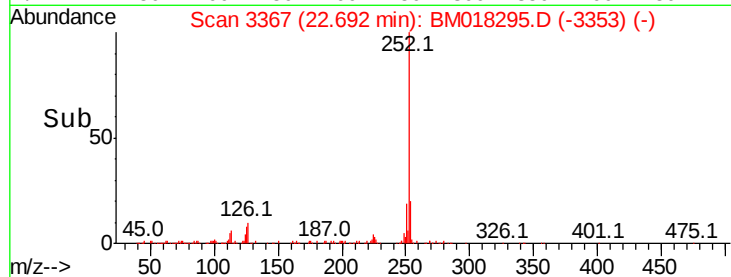
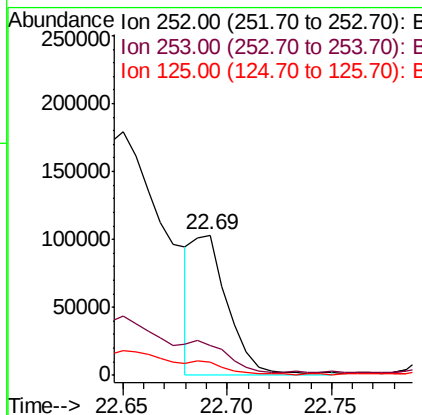
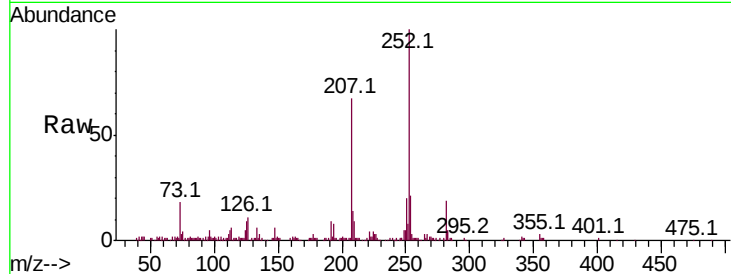
#89
Benzo(k)fluoranthene
Concen: 3.859 ng m
RT: 22.69 min Scan# 3367
Delta R.T. -0.02 min
Lab File: BM018295.D
Acq: 19 Dec 2018 13:18

Instrument :
BNA_M
ClientSampleId :
065_SW-W-1

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.3	16.9	25.3
125	9.0	7.5	11.3

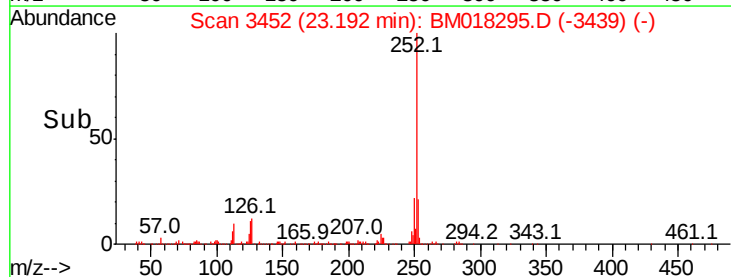
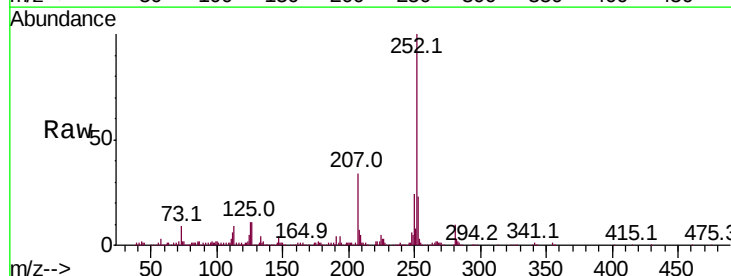
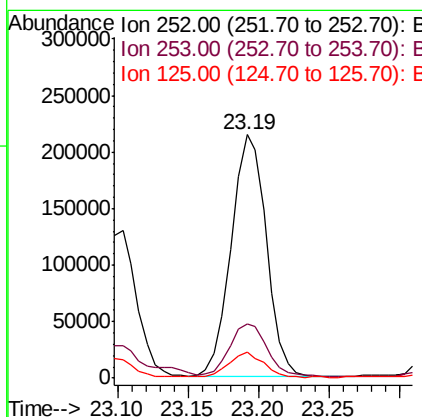
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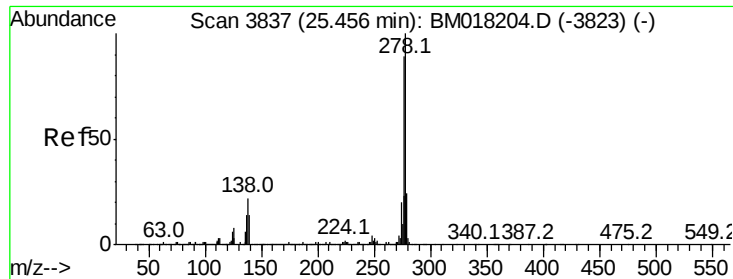
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#90
Benzo(a)pyrene
Concen: 12.447 ng
RT: 23.19 min Scan# 3452
Delta R.T. -0.02 min
Lab File: BM018295.D
Acq: 19 Dec 2018 13:18

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.6	26.4
125	10.9	8.6	12.8





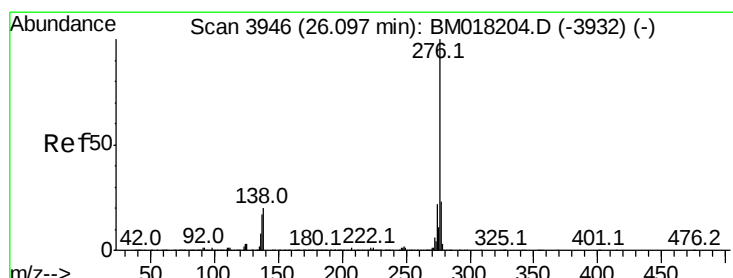
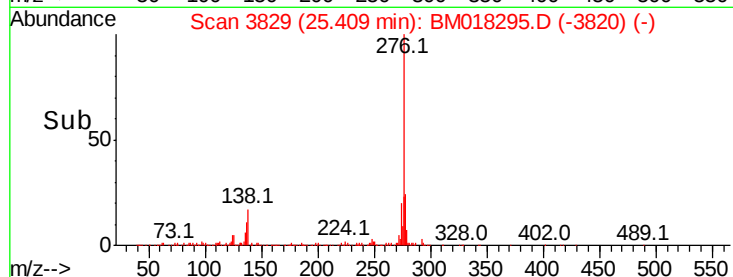
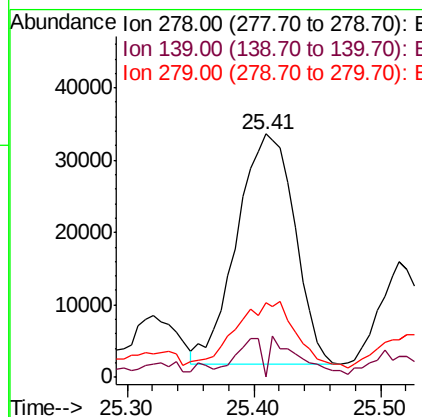
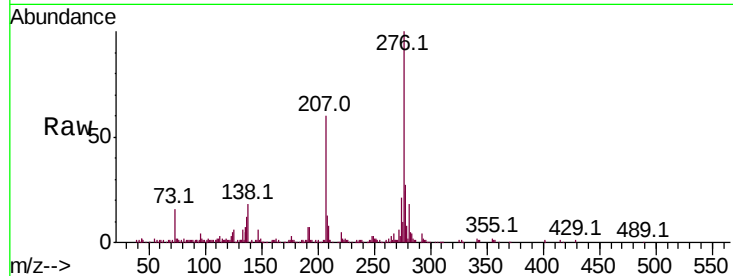
#91
Dibenzo(a,h)anthracene
Concen: 3.627 ng
RT: 25.41 min Scan# 3829
Delta R.T. -0.05 min
Lab File: BM018295.D
Acq: 19 Dec 2018 13:18

Instrument :
BNA_M
ClientSampleId :
065_SW-W-1

Tot Ion	Ratio	Lower	Upper
278	100		
139	0.0	11.6	17.4#
279	30.9	19.2	28.8#

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#92
Benzo(g,h,i)perylene
Concen: 11.177 ng
RT: 26.06 min Scan# 3940
Delta R.T. -0.04 min
Lab File: BM018295.D
Acq: 19 Dec 2018 13:18

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.1	18.7	28.1
138	18.6	15.8	23.8

