

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080818\
 Data File : BM016257.D
 Acq On : 08 Aug 2018 19:32
 Operator : SJ/JU
 Sample : J4313-19
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C-14

Manual Integrations
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Sohil
 8/9/2018 2:24:04 PM

Quant Time: Aug 09 04:44:27 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM072318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 08 16:23:37 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.13	152	40962	20.00	ng	0.00
21) Naphthalene-d8	10.95	136	151119	20.00	ng	0.00
38) Acenaphthene-d10	14.77	164	71422	20.00	ng	0.00
63) Phenanthrene-d10	17.51	188	141440	20.00	ng	0.00
75) Chrysene-d12	21.64	240	155749	20.00	ng	0.00
86) Perylene-d12	23.98	264	175827	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	182270	73.92	ng	0.00
7) Phenol-d6	7.30	99	210610	65.40	ng	0.00
23) Nitrobenzene-d5	9.32	82	158047	48.64	ng	0.00
41) 2,4,6-Tribromophenol	16.26	330	52941	58.44	ng	0.00
44) 2-Fluorobiphenyl	13.39	172	268964	45.82	ng	0.00
78) Terphenyl-d14	20.09	244	343241	46.13	ng	0.00
Target Compounds						
49) Dimethylphthalate	14.22	163	17608	2.817	ng	Qvalue # 96
70) Phenanthrene	17.55	178	50115	6.329	ng	99
74) Fluoranthene	19.54	202	94452	10.693	ng	98
77) Pyrene	19.90	202	87923	9.420	ng	97
80) Benzo(a)anthracene	21.62	228	56814	5.923	ng	99
82) Chrysene	21.67	228	47839m	5.199	ng	
85) Indeno(1,2,3-cd)pyrene	26.36	276	38230	3.501	ng	# 94
87) Benzo(b)fluoranthene	23.27	252	74546	7.201	ng	# 95
88) Benzo(k)fluoranthene	23.31	252	23994m	2.287	ng	
89) Benzo(a)pyrene	23.87	252	55272	5.554	ng	# 94
91) Benzo(g,h,i)perylene	27.10	276	35789	3.670	ng	# 88

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

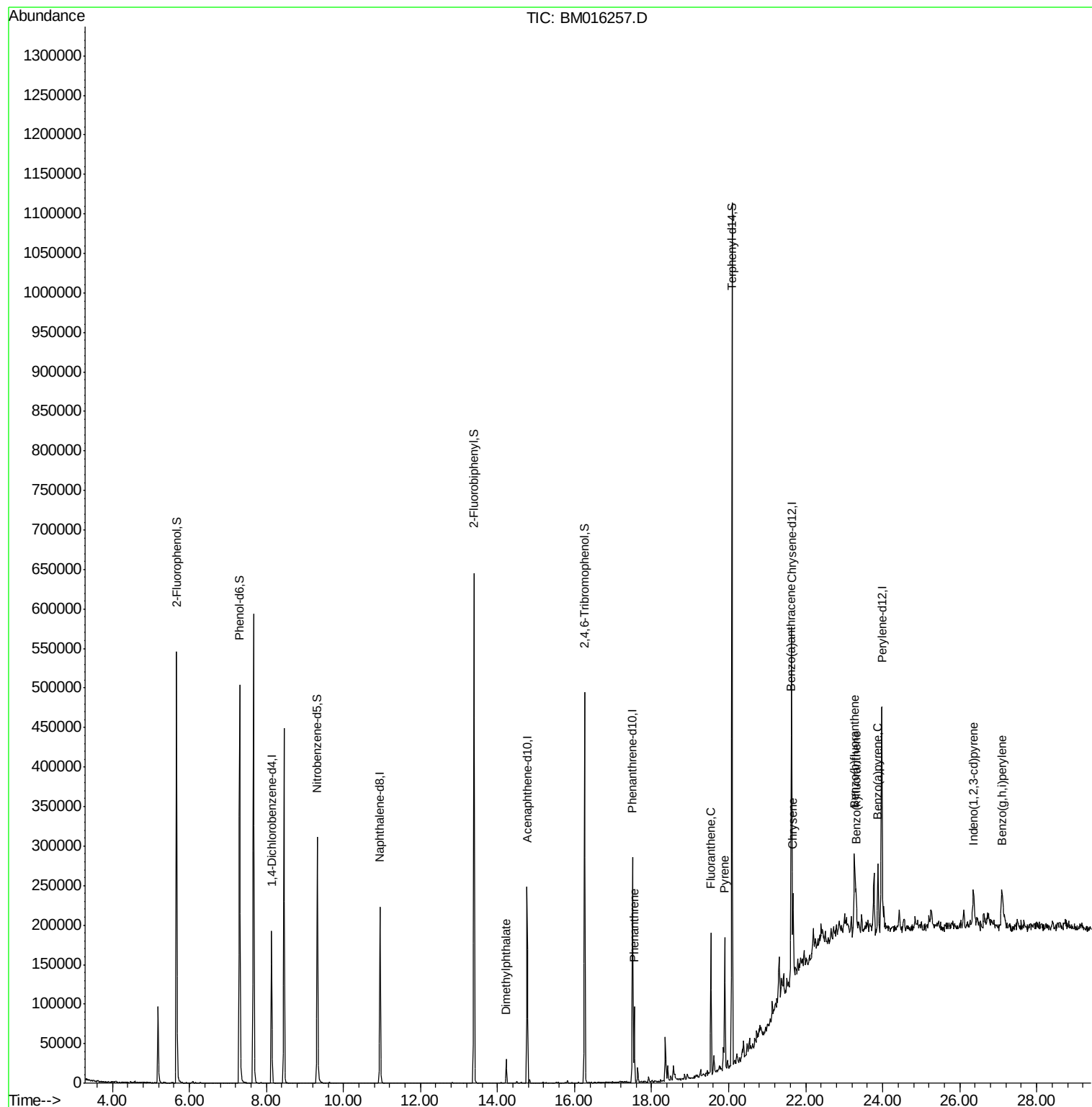
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080818\
Data File : BM016257.D
Acq On : 08 Aug 2018 19:32
Operator : SJ/JU
Sample : J4313-19
Misc :
ALS Vial : 15 Sample Multiplier: 1

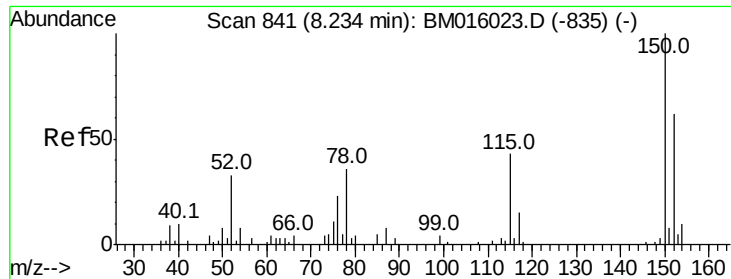
Instrument :
BNA_M
ClientSampled :
C-14

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Quant Time: Aug 09 04:44:27 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM072318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration





#1

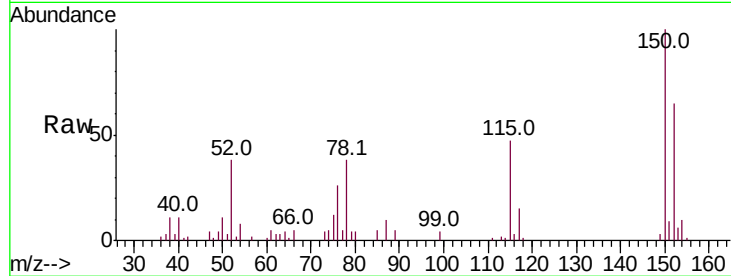
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.13 min Scan# 824
Delta R.T. 0.00 min
Lab File: BM016257.D
Acq: 08 Aug 2018 19:32

Instrument :
BNA_M
ClientSampled :
C-14

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.2	119.5	179.3
115	72.0	43.0	64.4#

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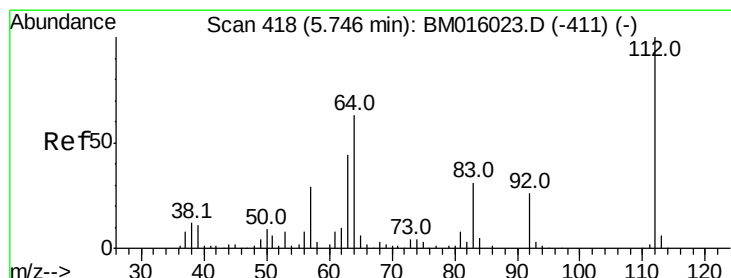
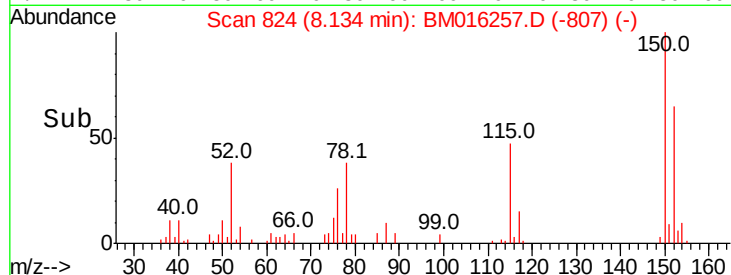
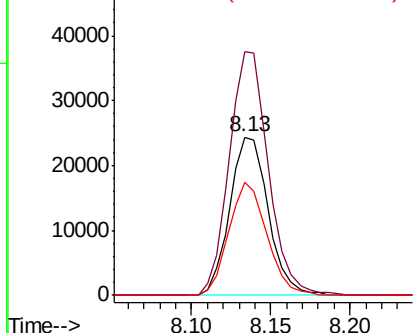


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

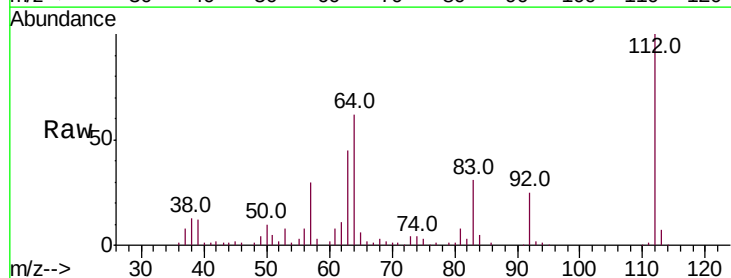
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: N.D. ng
RT: 5.66 min Scan# 404
Delta R.T. 0.00 min
Lab File: BM016257.D
Acq: 08 Aug 2018 19:32

Tgt Ion	Ratio	Lower	Upper
112	100		
64	61.5	38.6	57.8#
63	45.3	19.3	28.9#

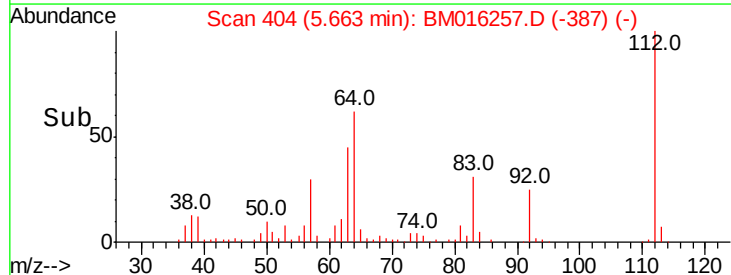
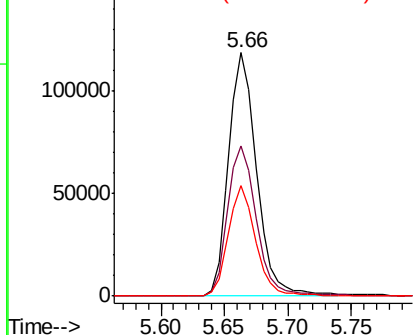


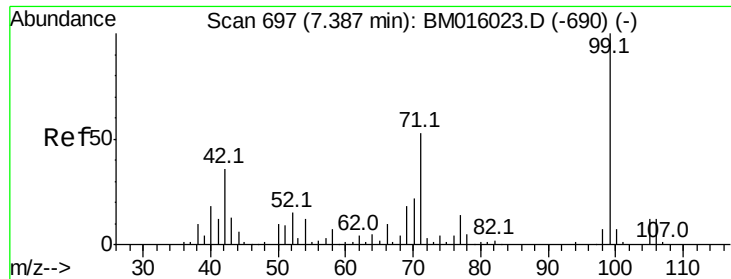
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BM0

Ion 63.00 (62.70 to 63.70): BM0





#7

Phenol-d6

Concen: N.D. ng

RT: 7.30 min Scan# 683

Delta R.T. 0.00 min

Lab File: BM016257.D

Acq: 08 Aug 2018 19:32

Instrument :

BNA_M

ClientSampled :

C-14

Tot Ion: 99 Resp: 210610

Ion Ratio Lower Upper

99 100

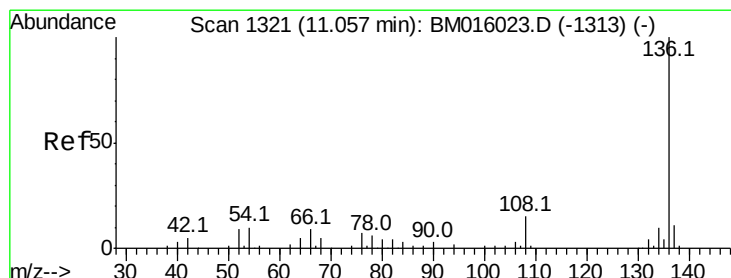
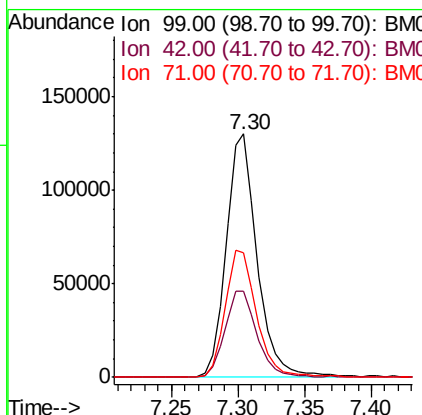
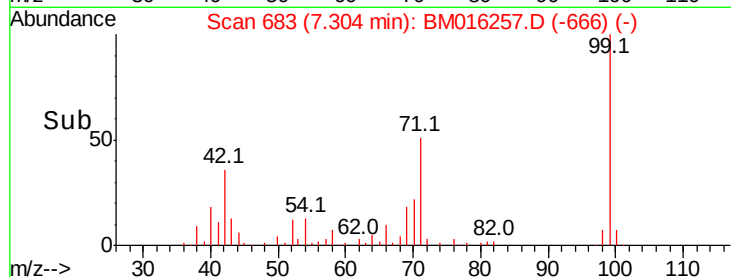
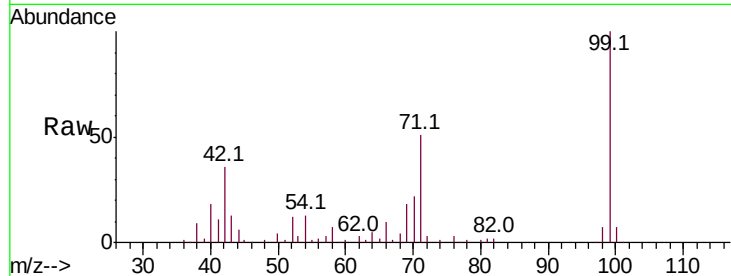
42 35.6 11.0 16.4#

71 51.1 23.4 35.2#

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#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.95 min Scan# 1303

Delta R.T. 0.00 min

Lab File: BM016257.D

Acq: 08 Aug 2018 19:32

Tgt Ion: 136 Resp: 151119

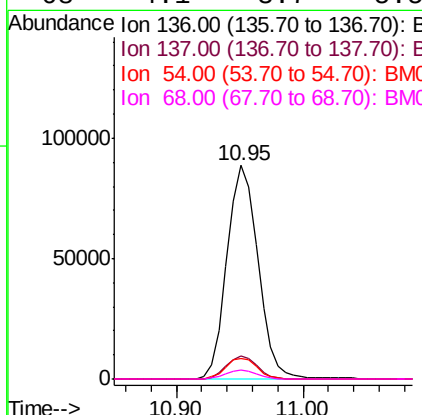
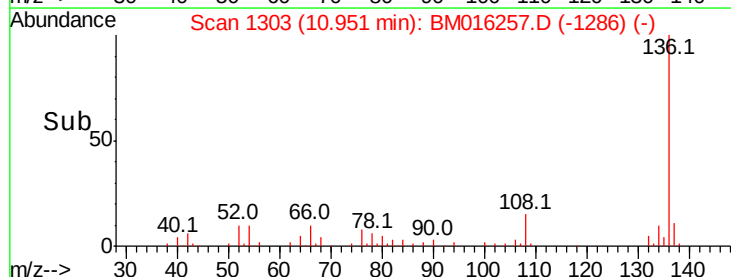
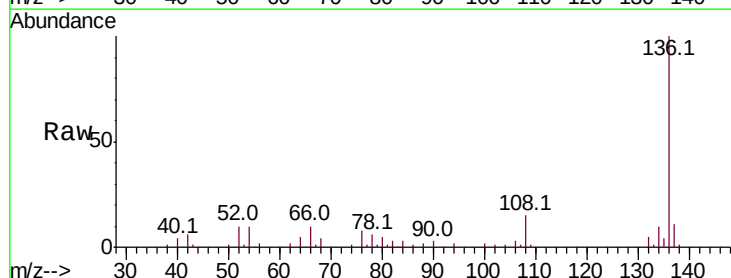
Ion Ratio Lower Upper

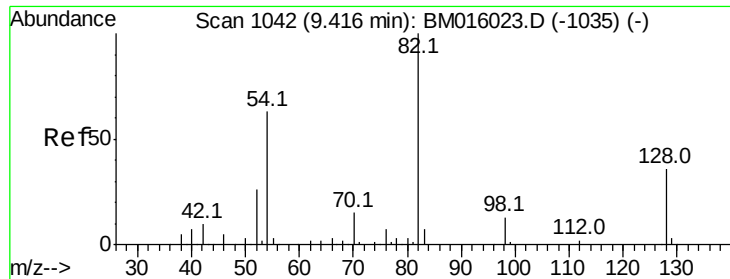
136 100

137 11.0 8.7 13.1

54 9.8 4.6 6.8#

68 4.1 3.7 5.5





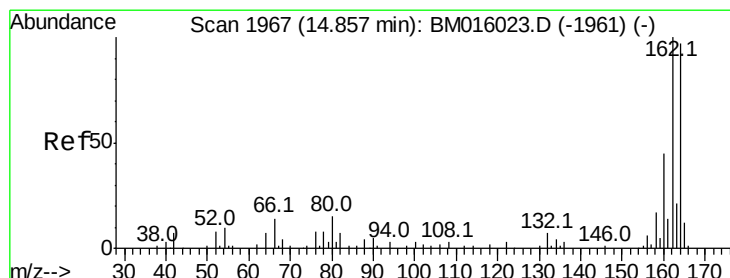
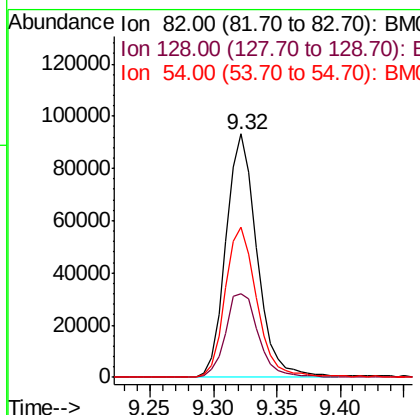
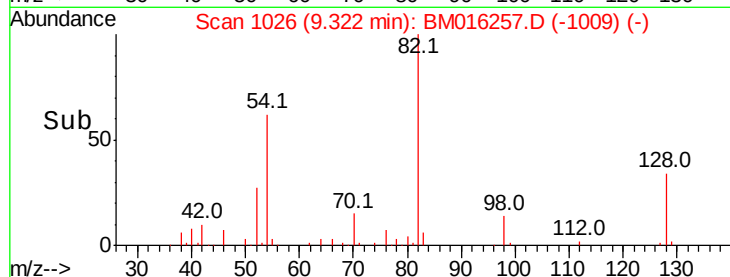
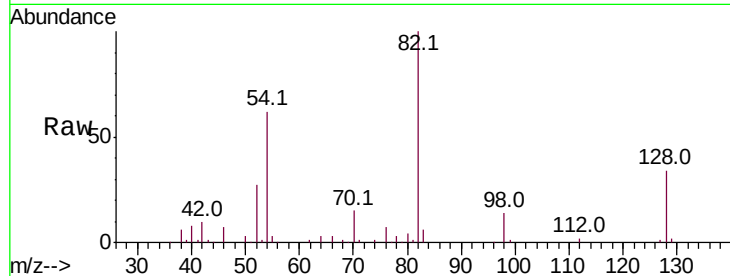
#23
 Nitrobenzene-d5
 Concen: N.D. ng
 RT: 9.32 min Scan# 1026
 Delta R.T. 0.00 min
 Lab File: BM016257.D
 Acq: 08 Aug 2018 19:32

Instrument :
 BNA_M
 ClientSampled :
 C-14

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	34.2	32.8	49.2	
54	61.8	40.6	60.8	

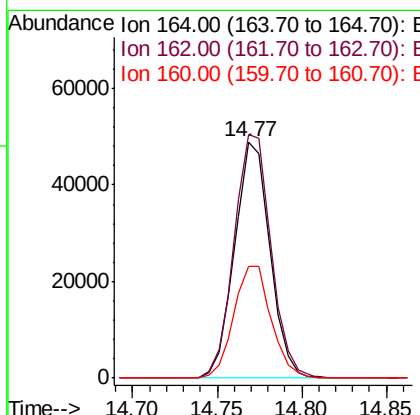
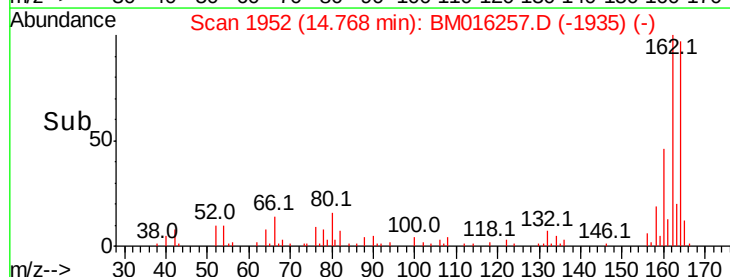
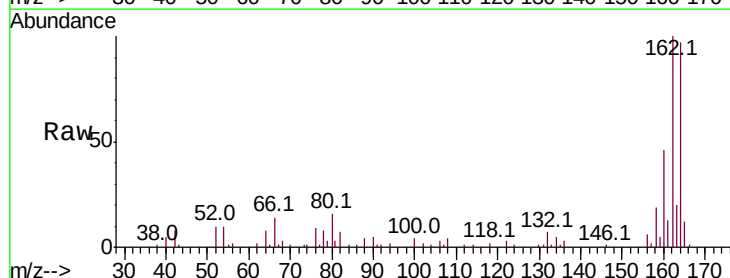
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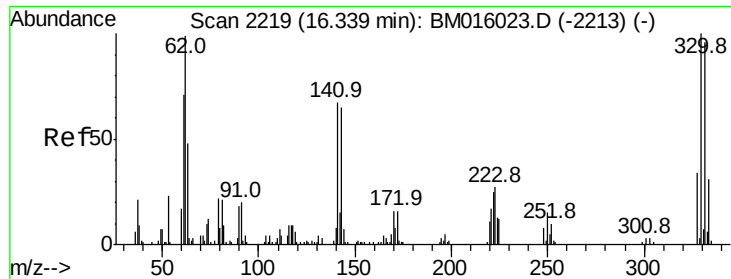
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#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.77 min Scan# 1952
 Delta R.T. 0.00 min
 Lab File: BM016257.D
 Acq: 08 Aug 2018 19:32

Tgt Ion	Ratio	Resp	Lower	Upper
164	100			
162	103.1	82.4	123.6	
160	47.3	35.8	53.6	





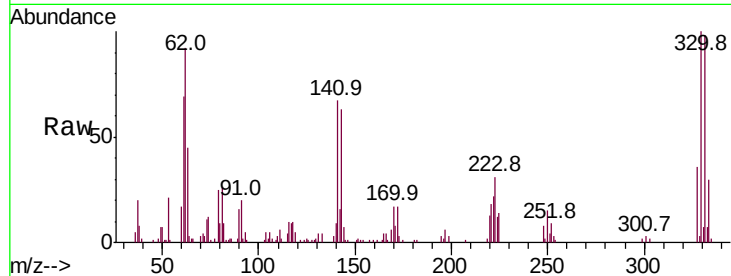
#41
 2,4,6-Tribromophenol
 Concen: N.D. ng
 RT: 16.26 min Scan# 2206
 Delta R.T. 0.00 min
 Lab File: BM016257.D
 Acq: 08 Aug 2018 19:32

Instrument :
 BNA_M
 ClientSampled :
 C-14

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	97.3	0.0	0.0	0.0
141	72.9	0.0	0.0	0.0

Manual Integrations
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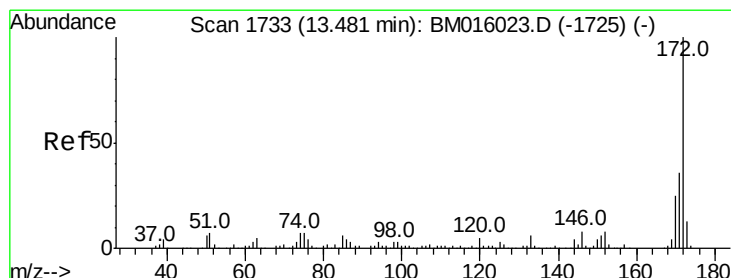
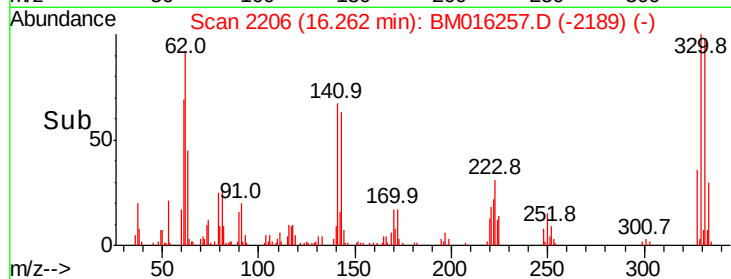
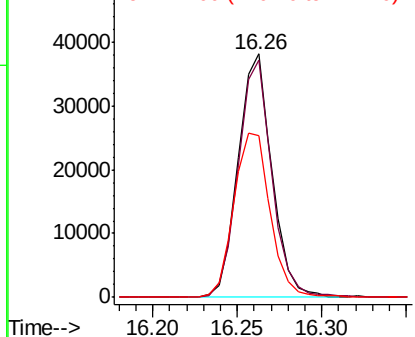


Abundance

Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: N.D. ng
 RT: 13.39 min Scan# 1718
 Delta R.T. 0.00 min
 Lab File: BM016257.D
 Acq: 08 Aug 2018 19:32

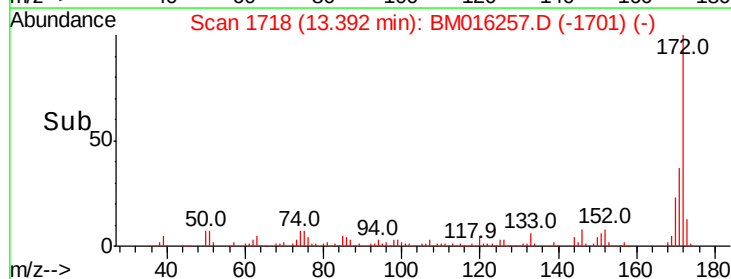
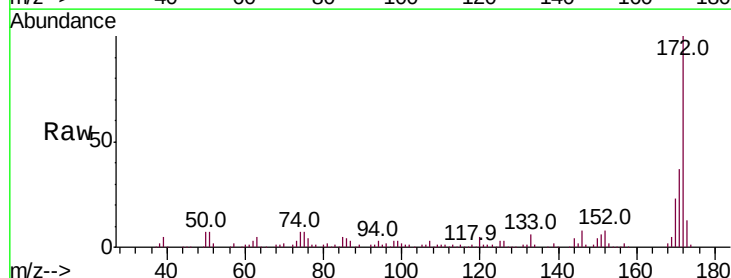
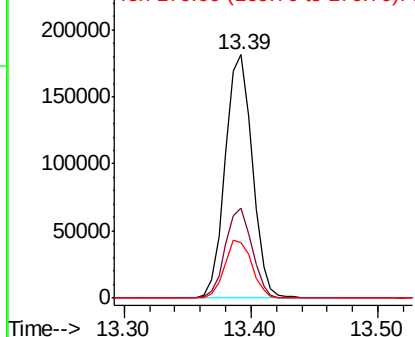
Tgt Ion	Ratio	Resp	Lower	Upper
172	100			
171	36.7	28.5	42.7	
170	23.0	18.8	28.2	

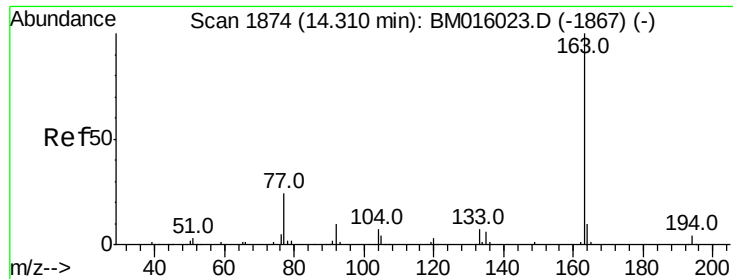
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





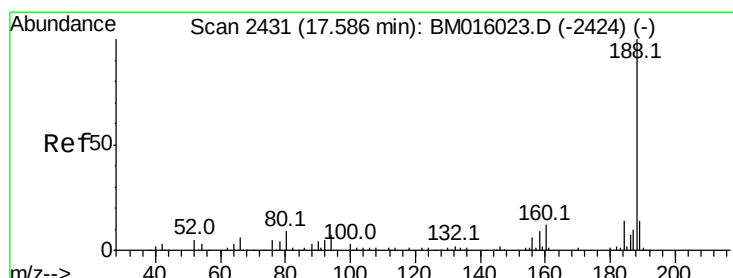
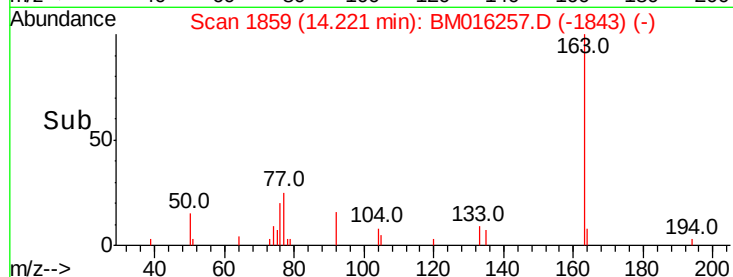
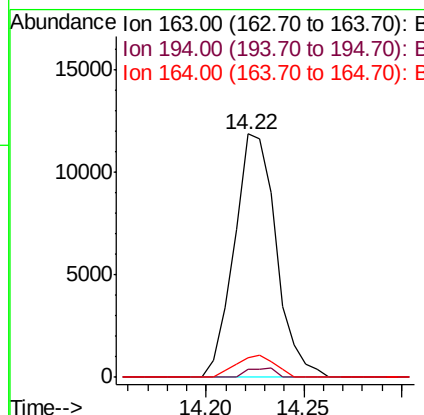
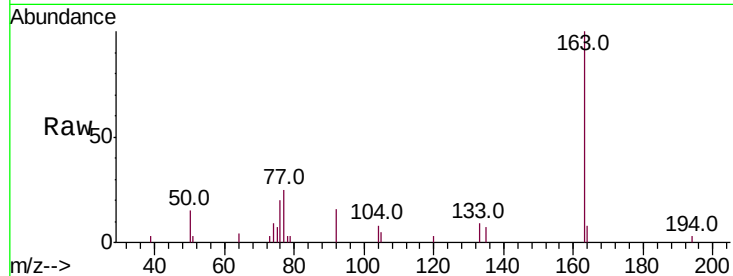
#49
Dimethylphthalate
Concen: 2.817 ng
RT: 14.22 min Scan# 1859
Delta R.T. -0.01 min
Lab File: BM016257.D
Acq: 08 Aug 2018 19:32

Instrument :
BNA_M
ClientSampleId :
C-14

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.3	2.7	4.1
164	8.0	8.2	12.2#

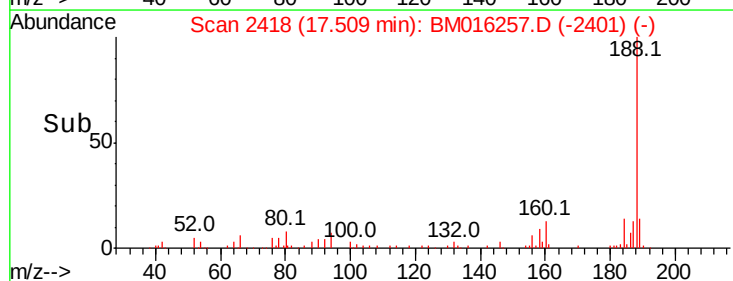
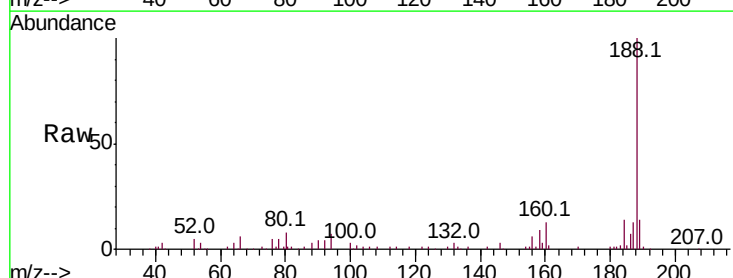
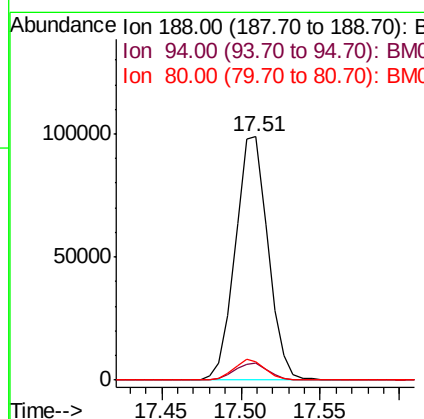
Manual Integrations
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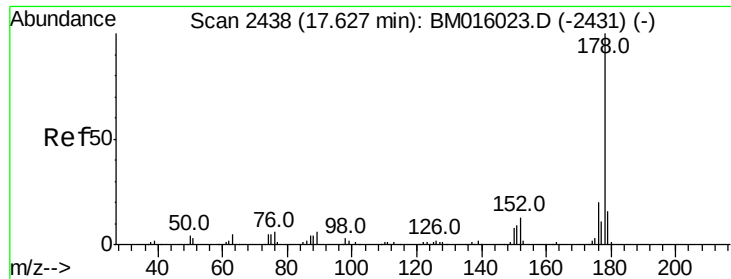
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#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.51 min Scan# 2418
Delta R.T. 0.00 min
Lab File: BM016257.D
Acq: 08 Aug 2018 19:32

Tgt Ion	Ratio	Lower	Upper
188	100		
94	6.8	8.7	13.1#
80	7.5	9.3	13.9#





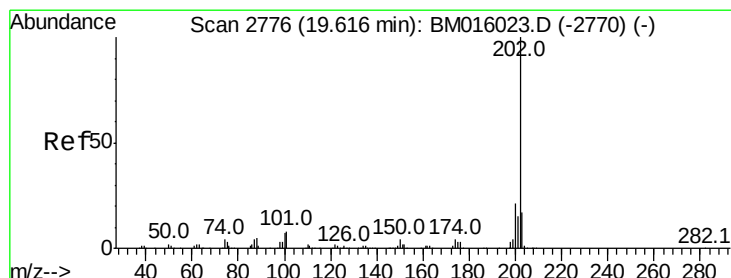
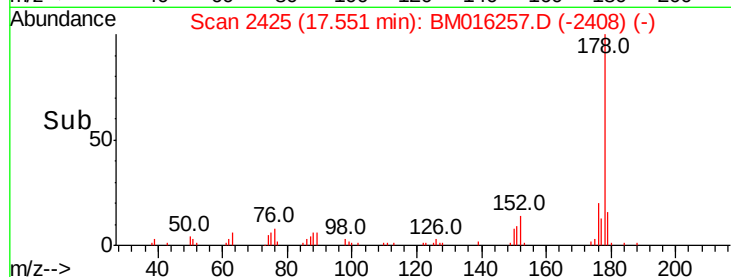
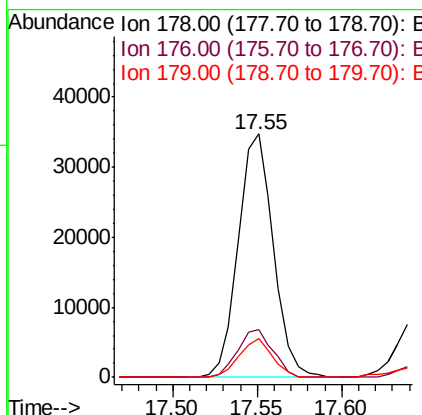
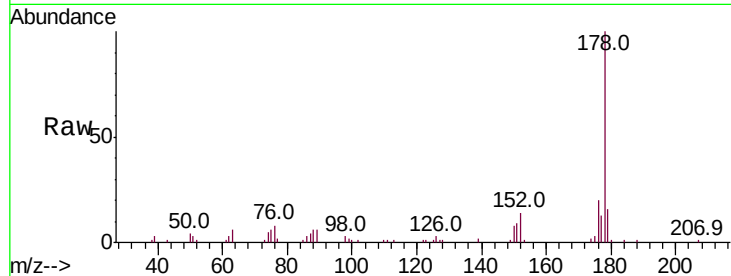
#70
Phenanthrene
Concen: 6.329 ng
RT: 17.55 min Scan# 2425
Delta R.T. 0.00 min
Lab File: BM016257.D
Acq: 08 Aug 2018 19:32

Instrument :
BNA_M
ClientSampleId :
C-14

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.2	22.8
179	15.7	12.1	18.1

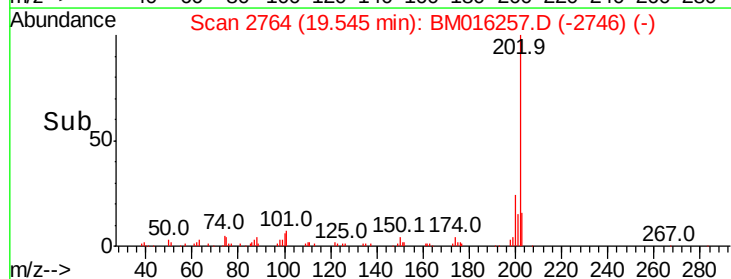
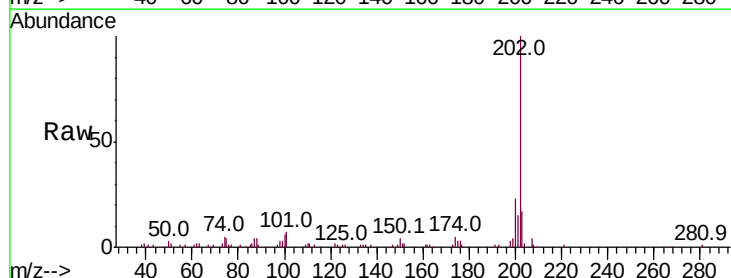
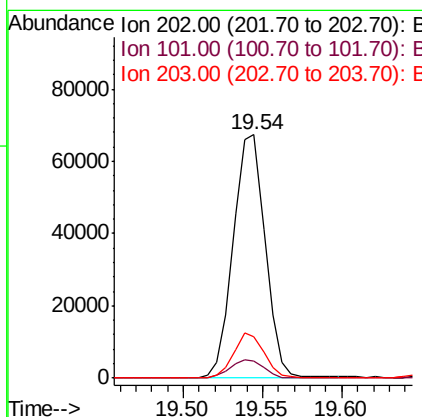
Manual Integrations
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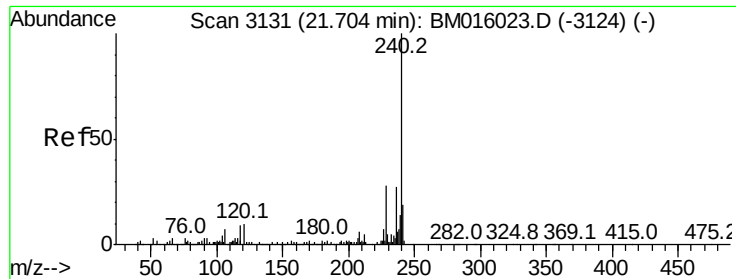
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#74
Fluoranthene
Concen: 10.693 ng
RT: 19.54 min Scan# 2764
Delta R.T. 0.01 min
Lab File: BM016257.D
Acq: 08 Aug 2018 19:32

Tgt Ion	Ratio	Lower	Upper
202	100		
101	7.2	0.0	28.7
203	16.9	0.0	37.2





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.64 min Scan# 3120

Delta R.T. 0.00 min

Lab File: BM016257.D

Acq: 08 Aug 2018 19:32

Instrument :

BNA_M

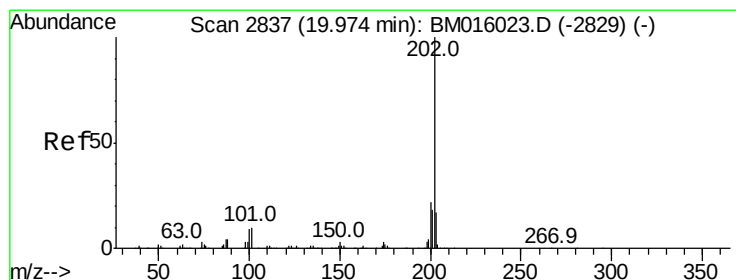
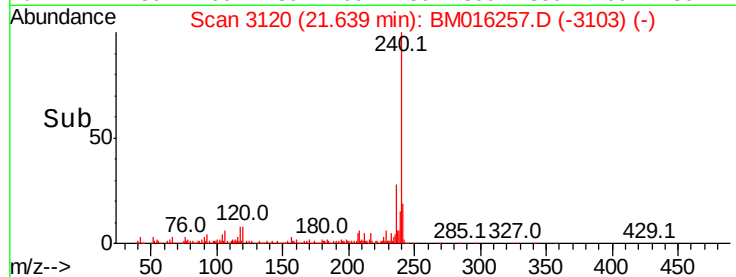
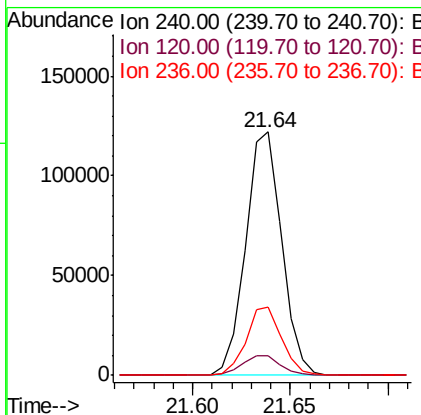
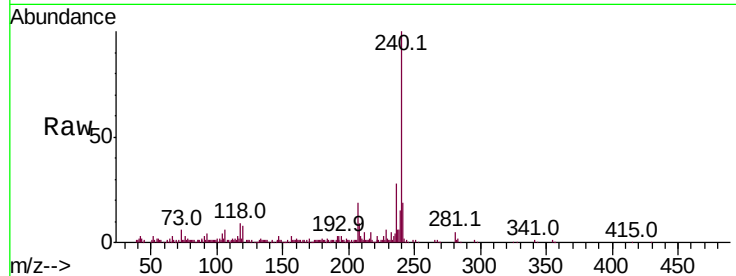
ClientSampleId :

C-14

Tot Ion:	240	Resp:	155749
Ion Ratio	Lower	Upper	
240	100		
120	8.2	8.2	12.2
236	27.9	20.0	30.0

Manual Integrations
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#77

Pyrene

Concen: 9.420 ng

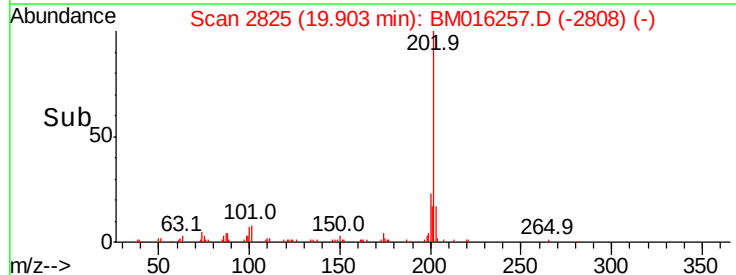
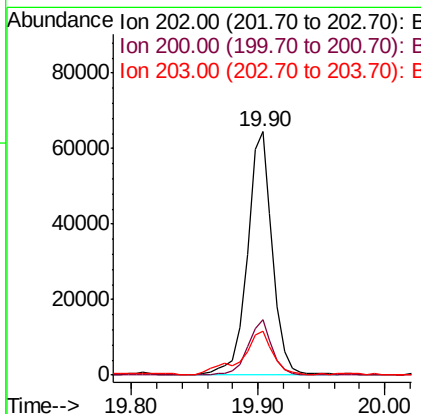
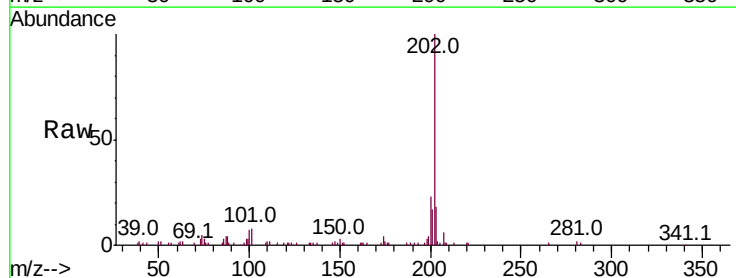
RT: 19.90 min Scan# 2825

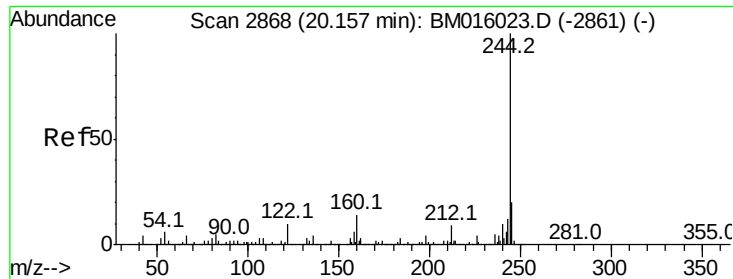
Delta R.T. 0.00 min

Lab File: BM016257.D

Acq: 08 Aug 2018 19:32

Tgt Ion:	202	Resp:	87923
Ion Ratio	Lower	Upper	
202	100		
200	22.9	16.9	25.3
203	18.1	14.1	21.1





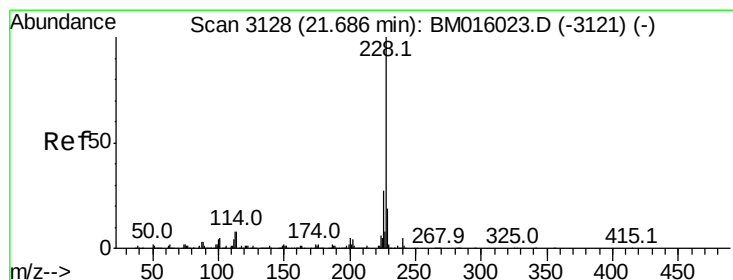
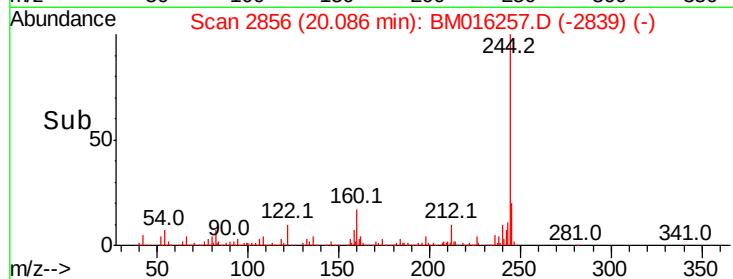
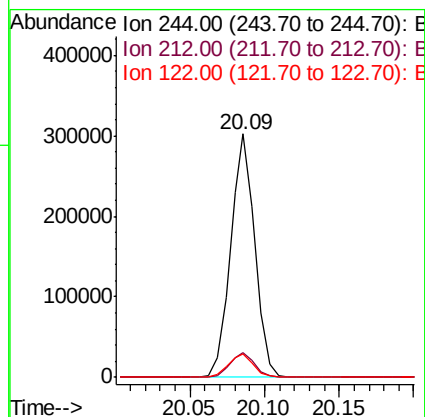
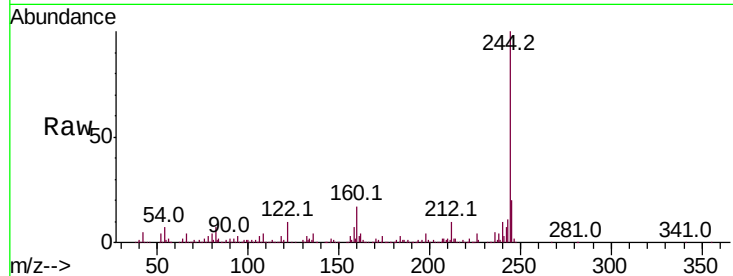
#78
 Terphenyl-d14
 Concen: 9.420 ng
 RT: 20.09 min Scan# 2856
 Delta R.T. 0.00 min
 Lab File: BM016257.D
 Acq: 08 Aug 2018 19:32

Instrument :
 BNA_M
 ClientSampleId :
 C-14

Tot Ion:	244	Resp:	343241
Ion Ratio	Lower	Upper	
244	100		
212	10.1	4.9	7.3#
122	9.5	6.2	9.4#

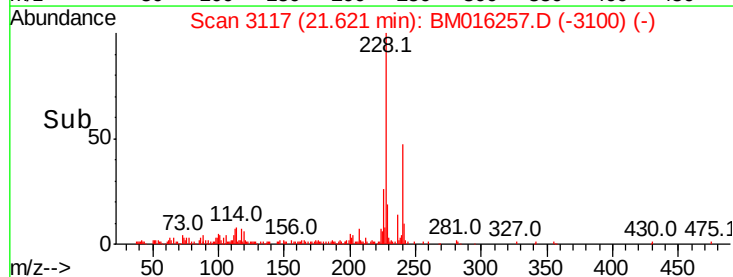
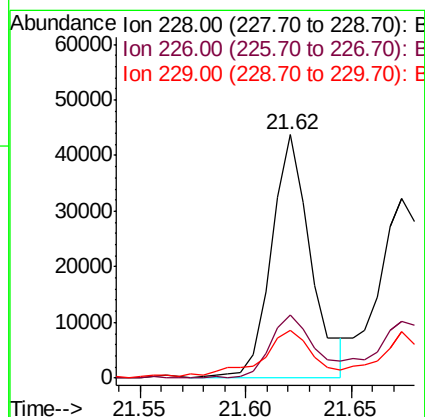
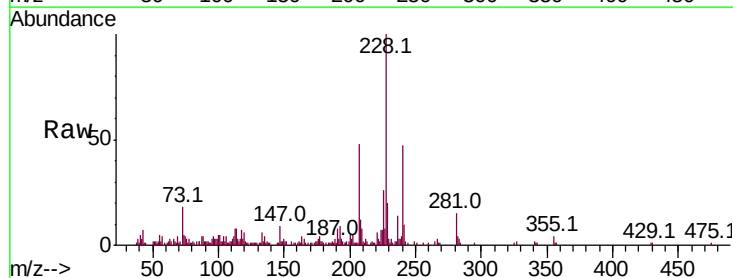
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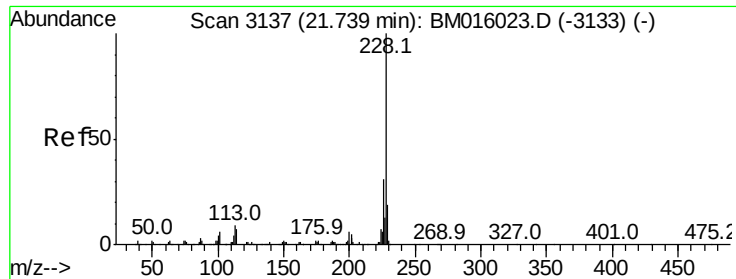
Sohil
 8/9/2018 2:24:04 PM



#80
 Benzo(a)anthracene
 Concen: 5.923 ng
 RT: 21.62 min Scan# 3117
 Delta R.T. 0.00 min
 Lab File: BM016257.D
 Acq: 08 Aug 2018 19:32

Tgt Ion:	228	Resp:	56814
Ion Ratio	Lower	Upper	
228	100		
226	26.1	21.7	32.5
229	19.7	16.0	24.0





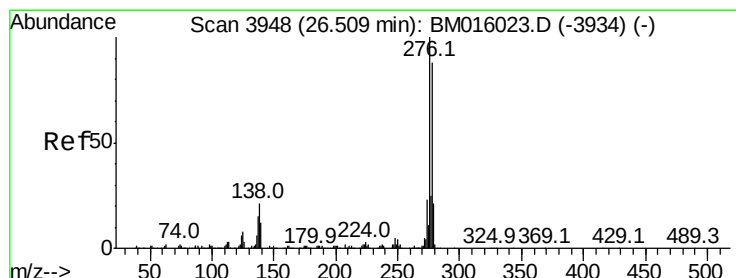
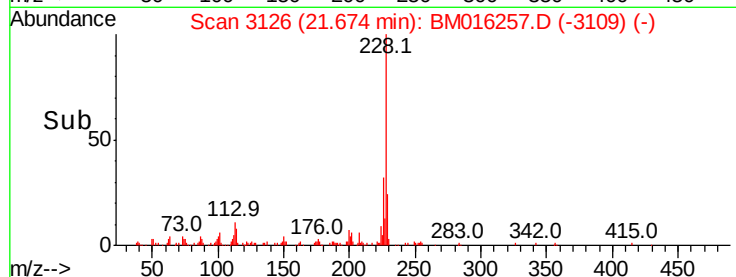
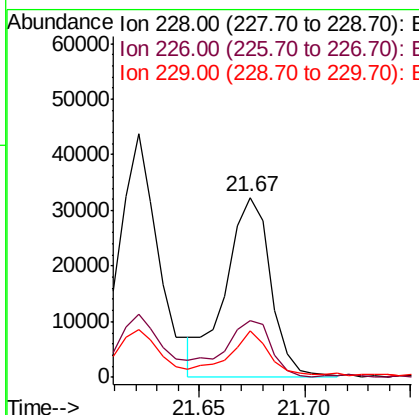
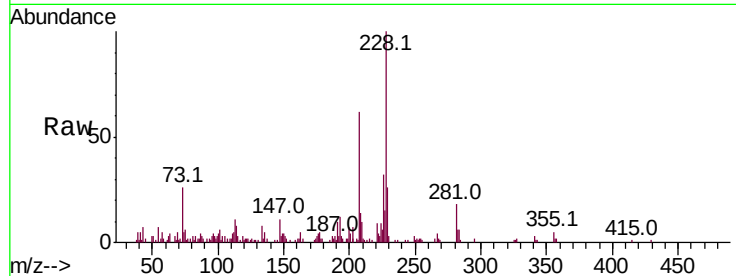
#82
Chrysene
Concen: 5.199 ng
RT: 21.67 min Scan# 3126
Delta R.T. 0.00 min
Lab File: BM016257.D
Acq: 08 Aug 2018 19:32

Instrument :
BNA_M
ClientSampled :
C-14

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.9	24.1	36.1
229	26.0	15.5	23.3

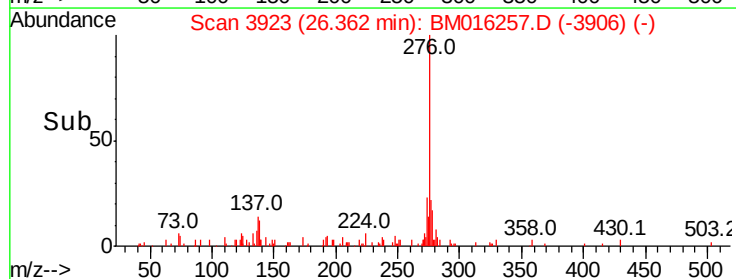
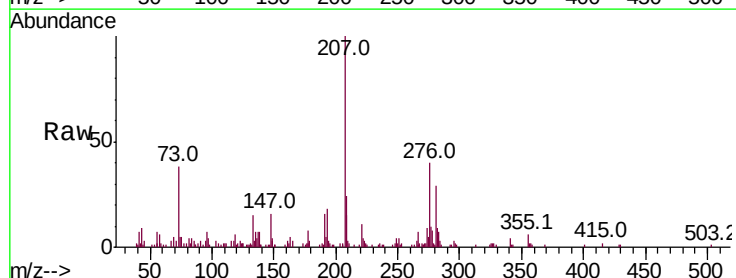
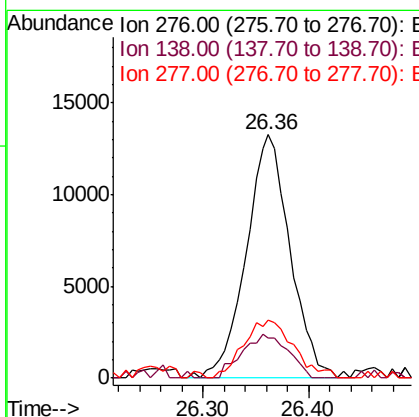
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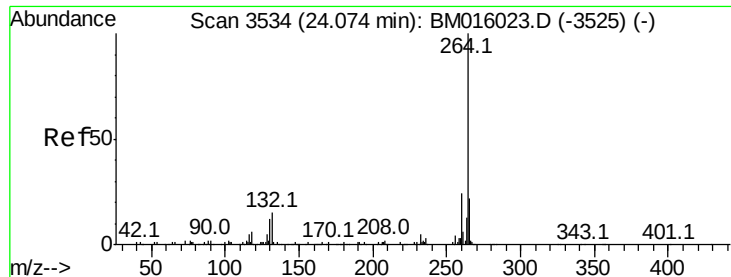
Sohil
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#85
Indeno(1,2,3-cd)pyrene
Concen: 3.501 ng
RT: 26.36 min Scan# 3923
Delta R.T. 0.00 min
Lab File: BM016257.D
Acq: 08 Aug 2018 19:32

Tgt Ion	Ratio	Lower	Upper
276	100		
138	18.8	12.0	18.0
277	27.3	20.0	30.0





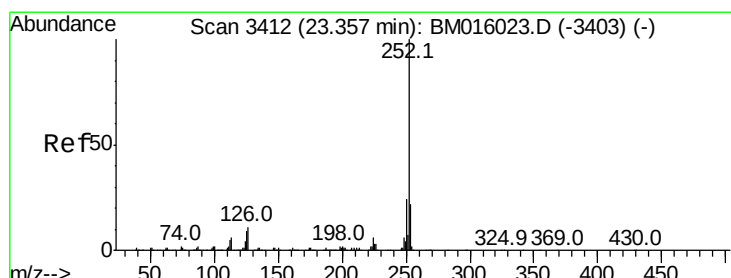
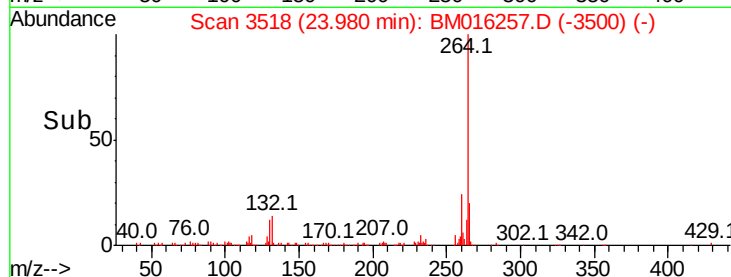
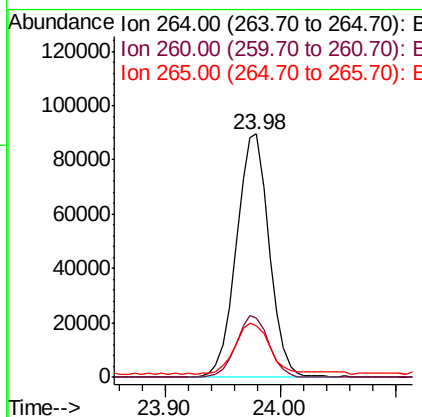
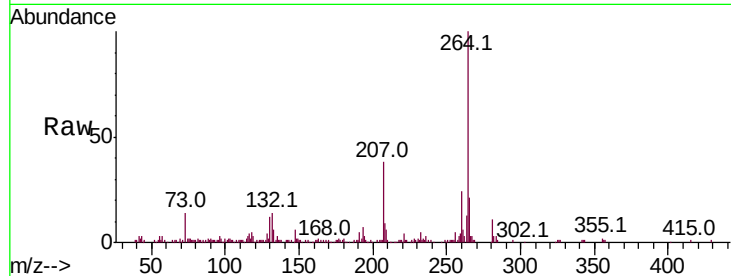
#86
Pervlene-d12
Concen: 20.000 ng
RT: 23.98 min Scan# 3518
Delta R.T. 0.01 min
Lab File: BM016257.D
Acq: 08 Aug 2018 19:32

Instrument :
BNA_M
ClientSampleId :
C-14

Tot Ion:	264	Resp:	175827
Ion Ratio	Lower	Upper	
264	100		
260	24.3	18.6	27.8
265	21.2	17.3	25.9

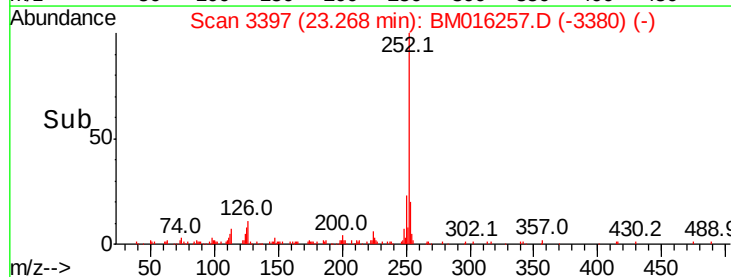
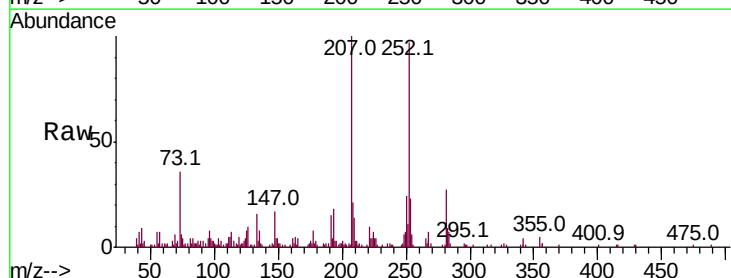
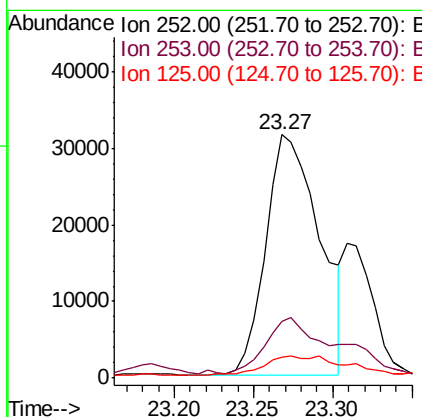
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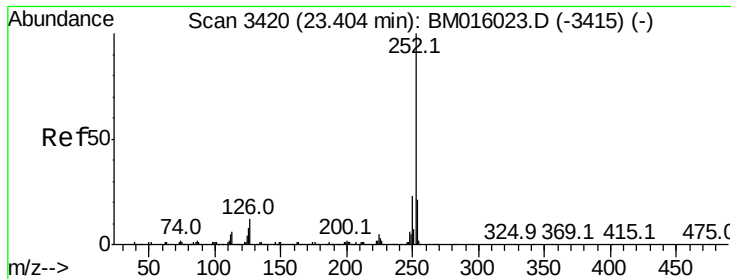
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#87
Benzo(b)fluoranthene
Concen: 7.201 ng
RT: 23.27 min Scan# 3397
Delta R.T. 0.00 min
Lab File: BM016257.D
Acq: 08 Aug 2018 19:32

Tgt Ion:	252	Resp:	74546
Ion Ratio	Lower	Upper	
252	100		
253	23.5	18.0	27.0
125	8.7	9.9	14.9#





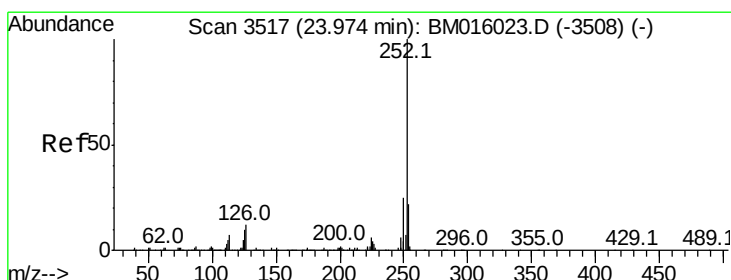
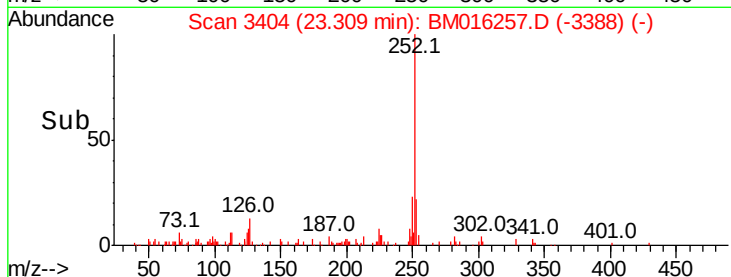
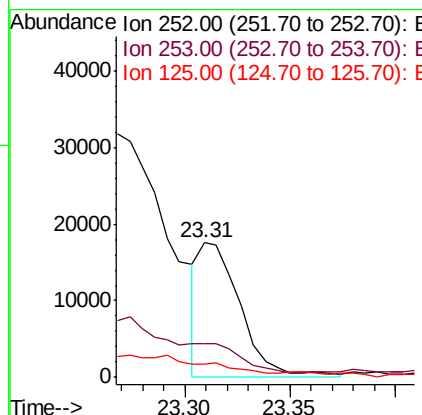
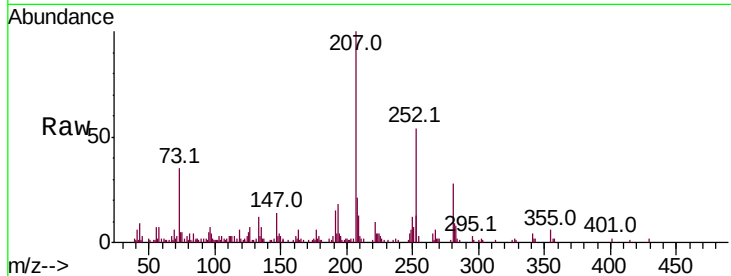
#88
Benzo(k)fluoranthene
Concen: 2.287 ng m
RT: 23.31 min Scan# 3404
Delta R.T. -0.01 min
Lab File: BM016257.D
Acq: 08 Aug 2018 19:32

Instrument :
BNA_M
ClientSampled :
C-14

Tot Ion:	252	Resp:	23994
Ion Ratio	Lower	Upper	
252	100		
253	24.7	17.2	25.8
125	10.1	8.1	12.1

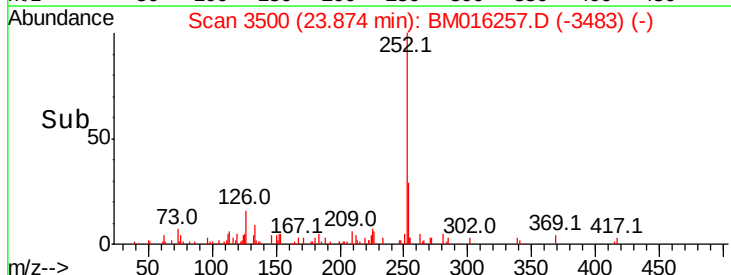
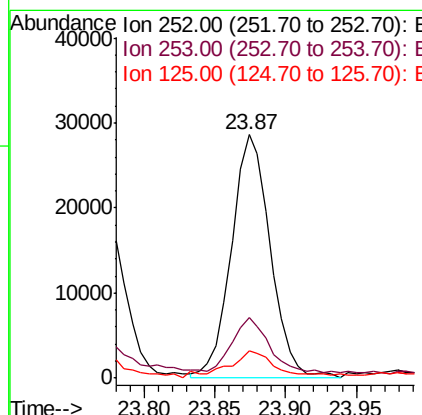
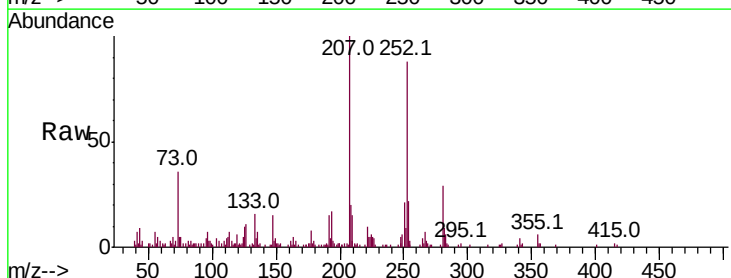
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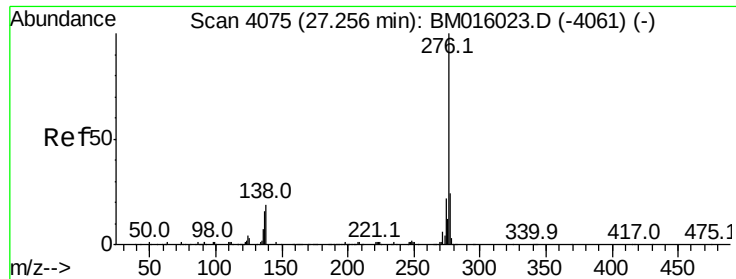
Sohil
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#89
Benzo(a)pyrene
Concen: 5.554 ng
RT: 23.87 min Scan# 3500
Delta R.T. 0.00 min
Lab File: BM016257.D
Acq: 08 Aug 2018 19:32

Tgt Ion:	252	Resp:	55272
Ion Ratio	Lower	Upper	
252	100		
253	24.8	17.6	26.4
125	11.3	7.4	11.2#





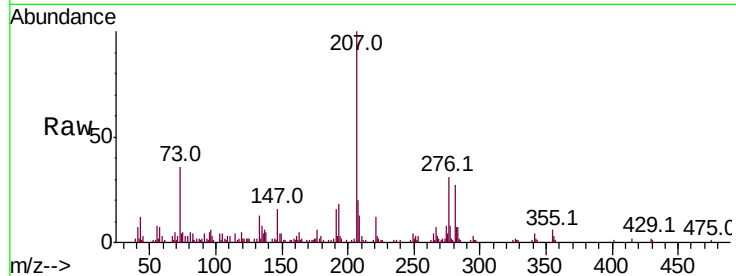
#91
 Benzo(a,h,i)perylene
 Concen: 3.670 ng
 RT: 27.10 min Scan# 4049
 Delta R.T. 0.01 min
 Lab File: BM016257.D
 Acq: 08 Aug 2018 19:32

Instrument :
 BNA_M
 ClientSampleId :
 C-14

Tot Ion:	276	Resp:	35789
Ion Ratio	Lower	Upper	
276	100		
277	25.8	18.5	27.7
138	15.1	19.0	28.6#

Manual Integrations
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Sohil
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Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

