

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080718\
 Data File : BM016241.D
 Acq On : 08 Aug 2018 05:56
 Operator : SJ/JU
 Sample : J4313-01
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C-5

Manual Integrations
 APPROVED

Sohil
 8/8/2018 5:35:15 PM

Quant Time: Aug 08 07:22:39 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM072318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 07 16:15:57 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.13	152	47044	20.00	ng	0.00
21) Naphthalene-d8	10.95	136	201148	20.00	ng	0.00
38) Acenaphthene-d10	14.77	164	112701	20.00	ng	-0.01
63) Phenanthrene-d10	17.50	188	258157	20.00	ng	0.00
75) Chrysene-d12	21.64	240	269332	20.00	ng	0.00
86) Perylene-d12	23.97	264	237032	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	234278	82.72	ng	0.00
7) Phenol-d6	7.30	99	308430	83.39	ng	0.00
23) Nitrobenzene-d5	9.32	82	231023	53.42	ng	0.00
41) 2,4,6-Tribromophenol	16.26	330	104036	72.78	ng	0.00
44) 2-Fluorobiphenyl	13.39	172	466471	50.36	ng	0.00
78) Terphenyl-d14	20.09	244	832561	64.71	ng	0.00
Target Compounds						
49) Dimethylphthalate	14.22	163	42707	4.330	ng	Qvalue # 99
70) Phenanthrene	17.55	178	67988	4.704	ng	97
74) Fluoranthene	19.54	202	104718	6.495	ng	99
77) Pyrene	19.90	202	95065	5.890	ng	96
80) Benzo(a)anthracene	21.62	228	59113	3.564	ng	98
82) Chrysene	21.67	228	57024m	3.584	ng	
87) Benzo(b)fluoranthene	23.27	252	60769	4.354	ng	# 97
89) Benzo(a)pyrene	23.87	252	42356	3.157	ng	96
91) Benzo(g,h,i)perylene	27.09	276	27661	2.104	ng	94

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

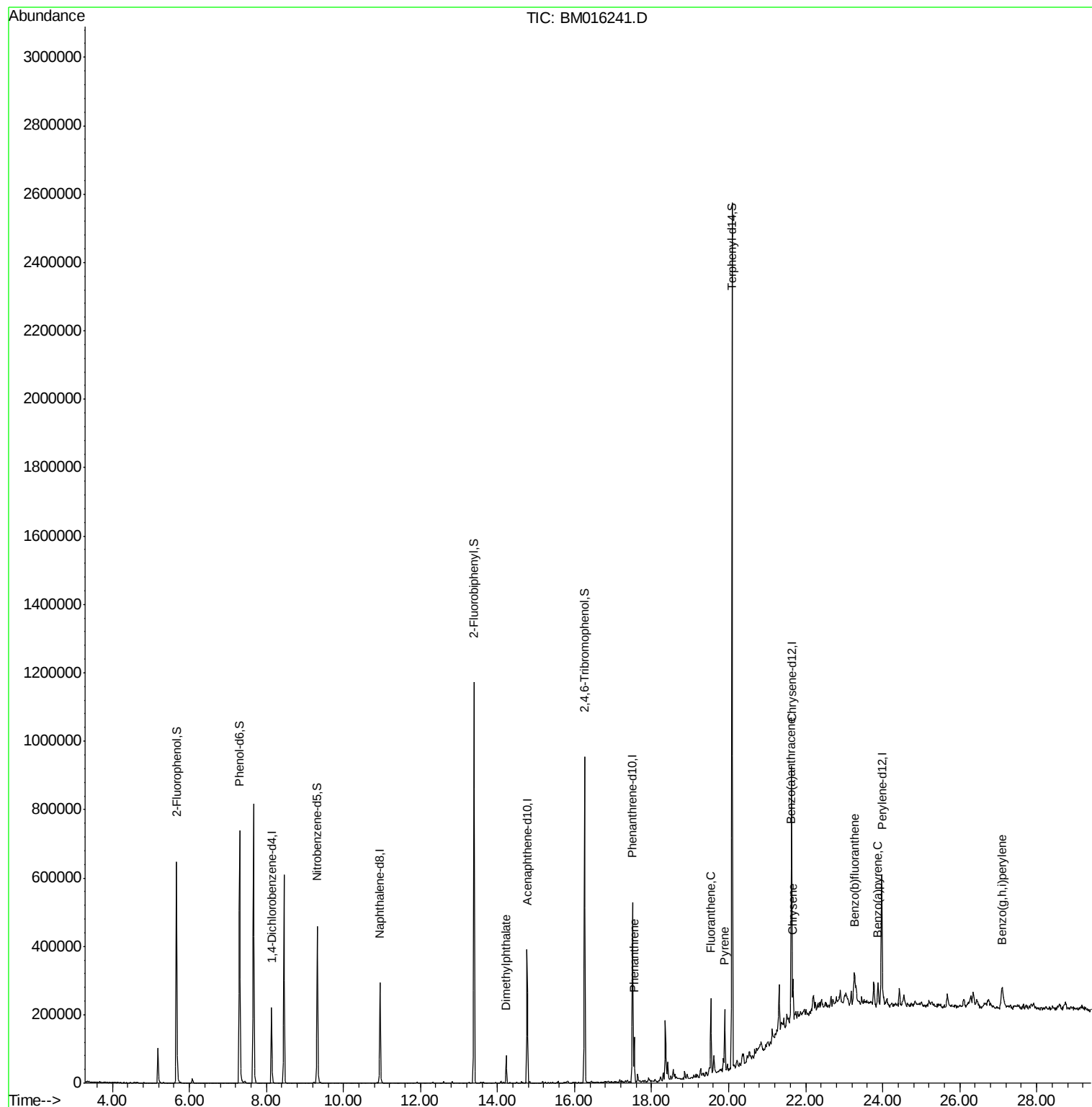
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080718\
Data File : BM016241.D
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Misc :
ALS Vial : 19 Sample Multiplier: 1

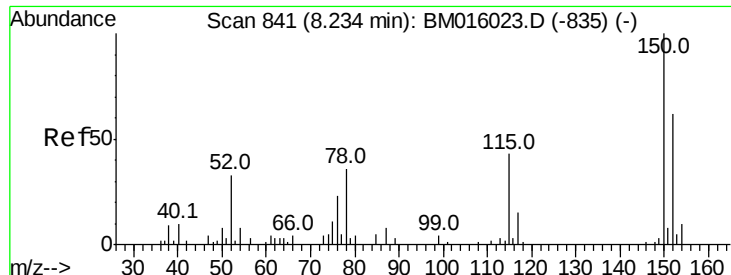
Instrument :
BNA_M
ClientSampled :
C-5

Manual Integrations
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8/8/2018 5:35:15 PM

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#1

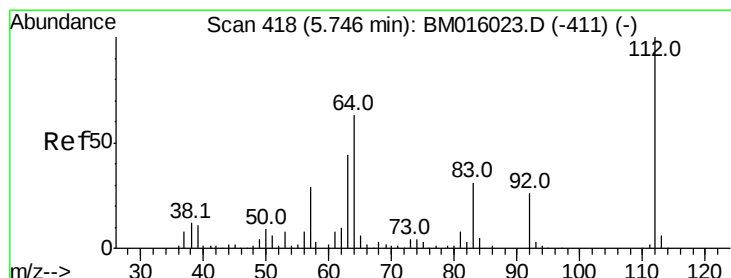
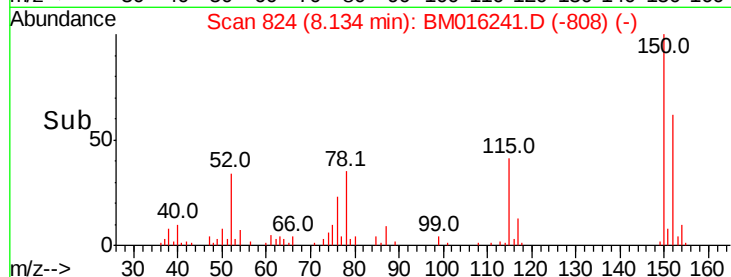
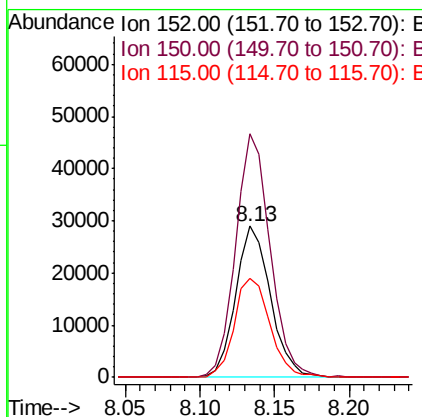
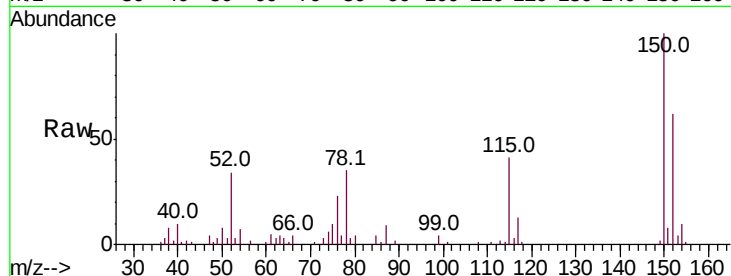
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.13 min Scan# 824
Delta R.T. -0.01 min
Lab File: BM016241.D
Acq: 08 Aug 2018 05:56

Instrument :
BNA_M
ClientSampleId :
C-5

Tot Ion	Ratio	Lower	Upper
152	100		
150	161.0	119.5	179.3
115	65.5	43.0	64.4#

Manual Integrations
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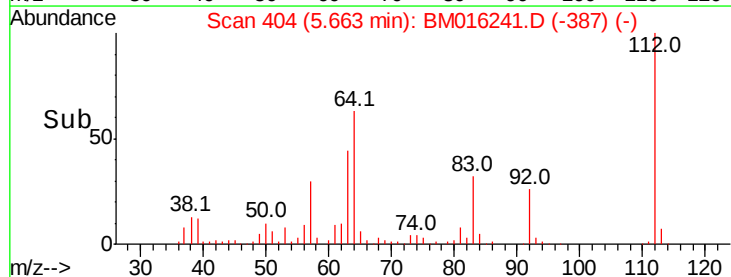
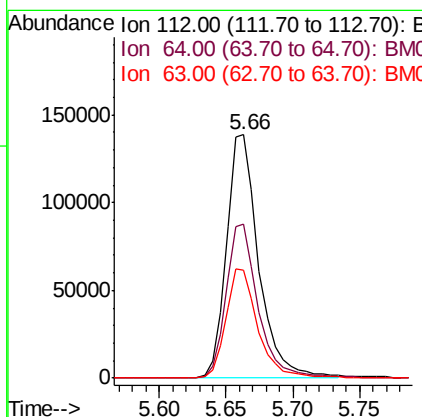
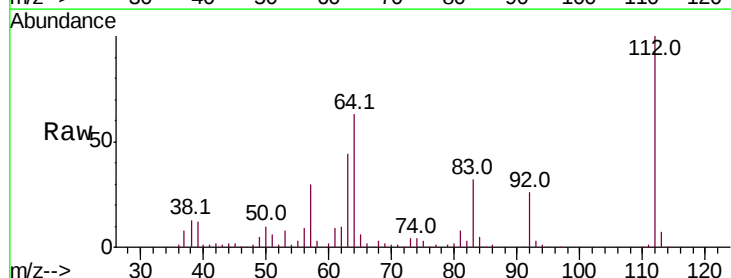
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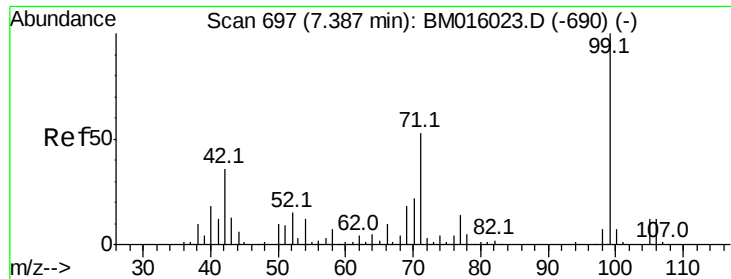


#5

2-Fluorophenol
Concen: Below ng
RT: 5.66 min Scan# 404
Delta R.T. -0.00 min
Lab File: BM016241.D
Acq: 08 Aug 2018 05:56

Tgt Ion	Ratio	Lower	Upper
112	100		
64	63.3	38.6	57.8#
63	44.3	19.3	28.9#





#7

Phenol-d6

Concen: N.D. ng

RT: 7.30 min Scan# 683

Delta R.T. -0.00 min

Lab File: BM016241.D

Acq: 08 Aug 2018 05:56

Instrument :

BNA_M

ClientSampled :

C-5

Tot Ion: 99 Resp: 308430
Ion Ratio Lower Upper

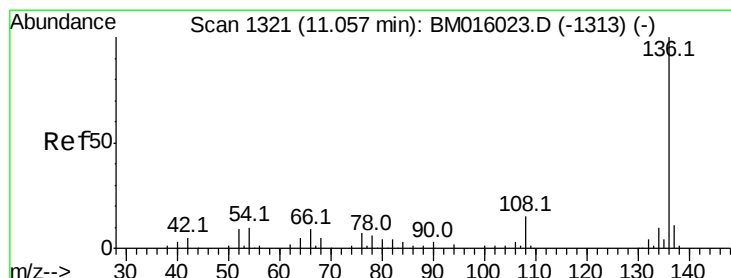
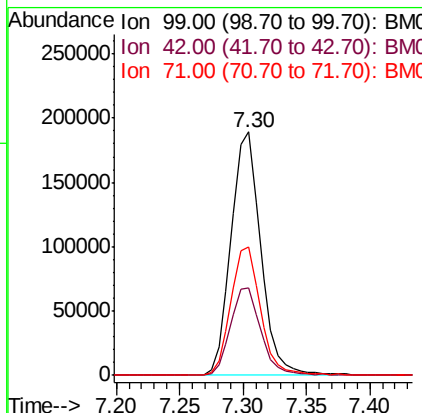
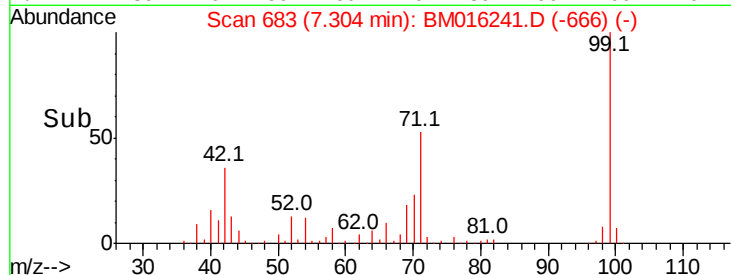
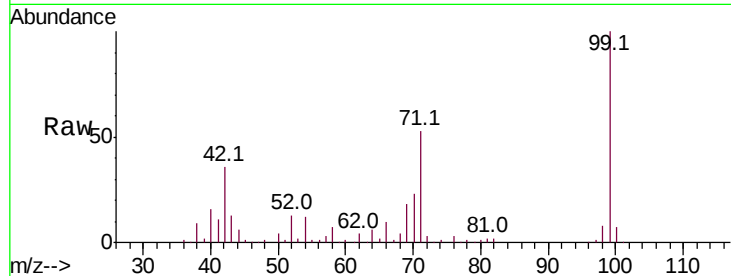
99 100

42 35.8 11.0 16.4#

71 52.6 23.4 35.2#

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#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.95 min Scan# 1303

Delta R.T. -0.01 min

Lab File: BM016241.D

Acq: 08 Aug 2018 05:56

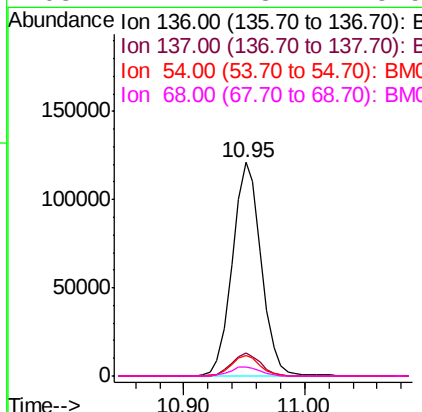
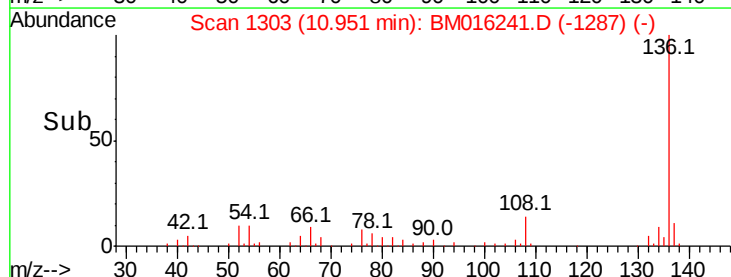
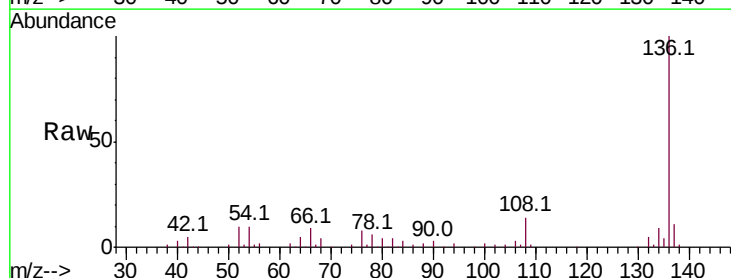
Tgt Ion: 136 Resp: 201148
Ion Ratio Lower Upper

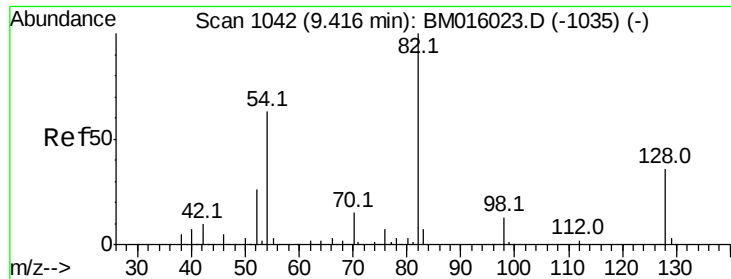
136 100

137 10.8 8.7 13.1

54 9.6 4.6 6.8#

68 4.4 3.7 5.5





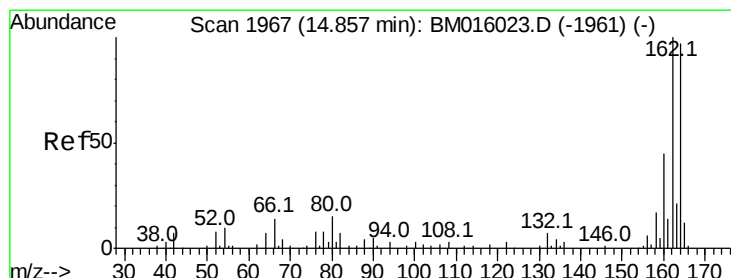
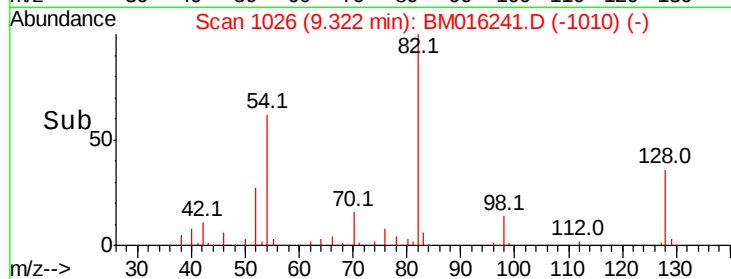
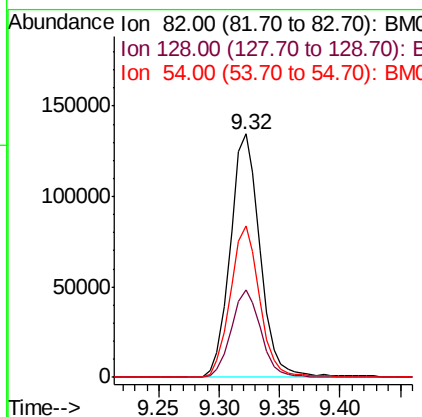
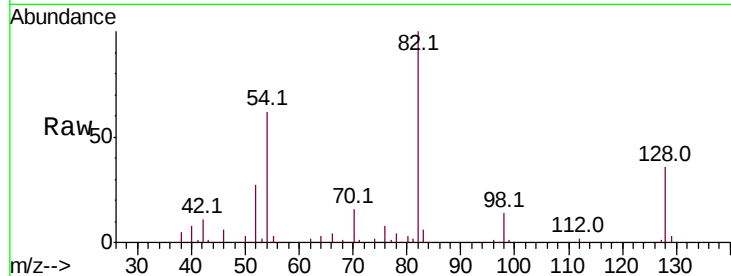
#23
Nitrobenzene-d5
Concen: N.D. ng
RT: 9.32 min Scan# 1026
Delta R.T. -0.01 min
Lab File: BM016241.D
Acq: 08 Aug 2018 05:56

Instrument :
BNA_M
ClientSampled :
C-5

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	36.0	32.8	49.2	
54	62.4	40.6	60.8	

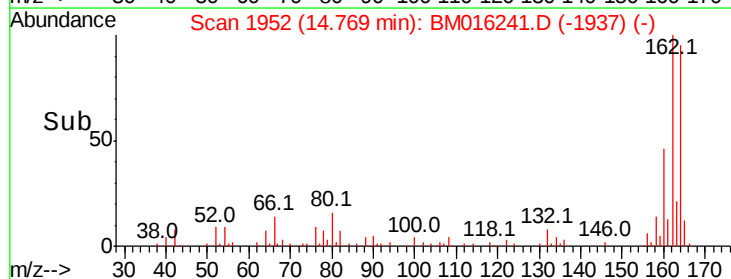
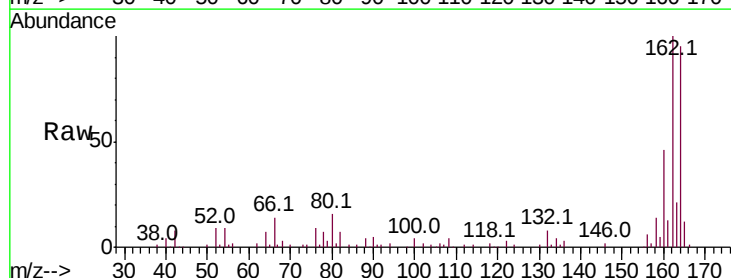
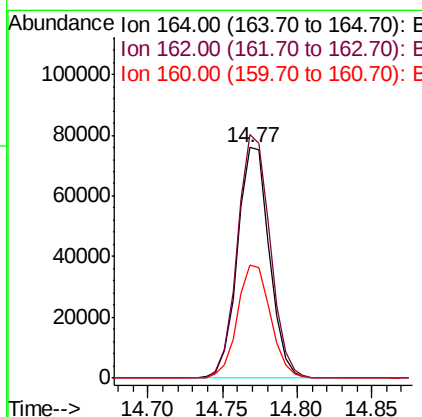
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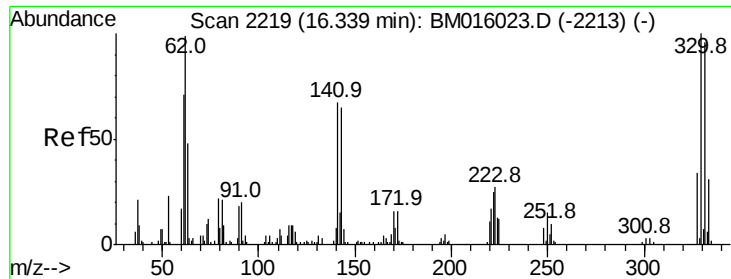
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.77 min Scan# 1952
Delta R.T. -0.01 min
Lab File: BM016241.D
Acq: 08 Aug 2018 05:56

Tgt Ion	Ratio	Resp	Lower	Upper
164	100			
162	105.5	82.4	123.6	
160	48.8	35.8	53.6	





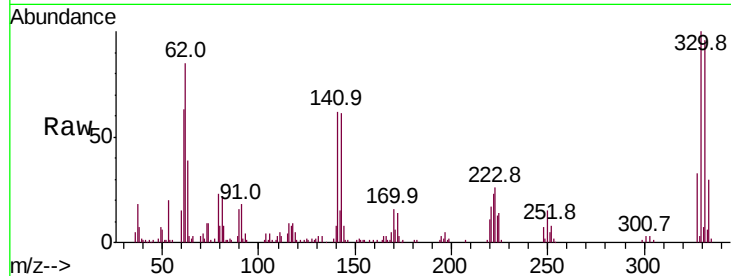
#41
 2,4,6-Tribromophenol
 Concen: N.D. ng
 RT: 16.26 min Scan# 2206
 Delta R.T. -0.01 min
 Lab File: BM016241.D
 Acq: 08 Aug 2018 05:56

Instrument :
 BNA_M
 ClientSampled :
 C-5

Tot Ion	Ratio	Resp Lower	Upper
330	100		
332	96.8	0.0	0.0#
141	70.4	0.0	0.0#

Manual Integrations
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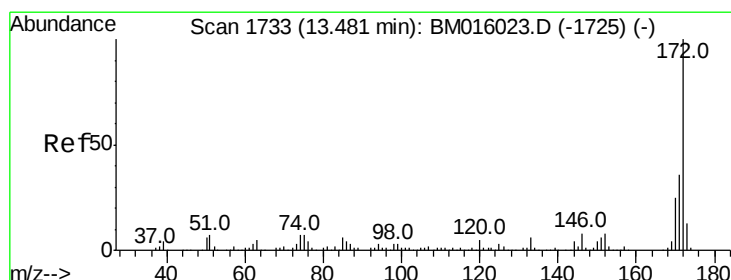
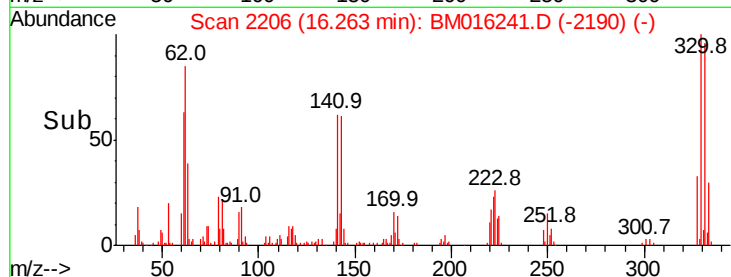
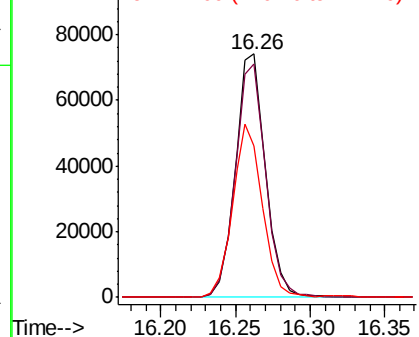


Abundance

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. -0.01 min
 Lab File: BM016241.D
 Acq: 08 Aug 2018 05:56

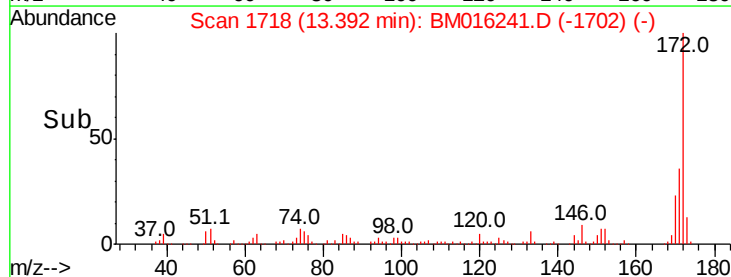
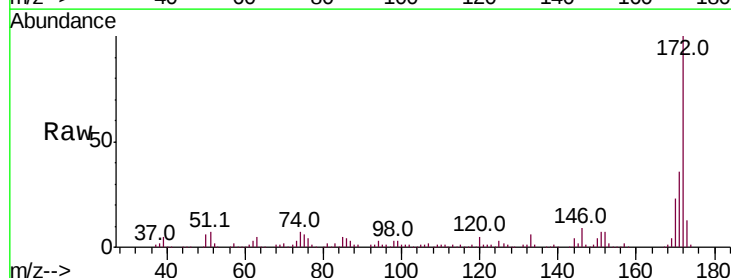
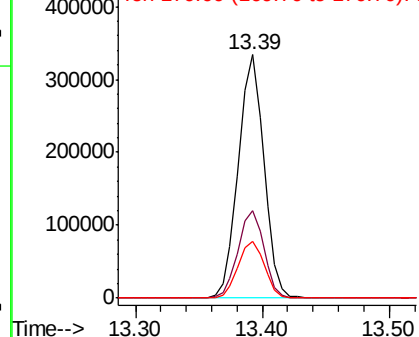
Tgt Ion	Ratio	Resp Lower	Upper
172	100		
171	35.8	28.5	42.7
170	23.4	18.8	28.2

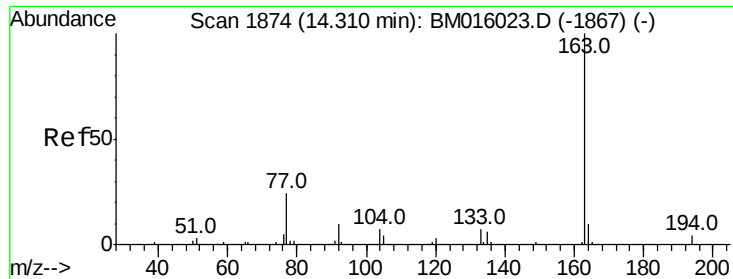
Abundance

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





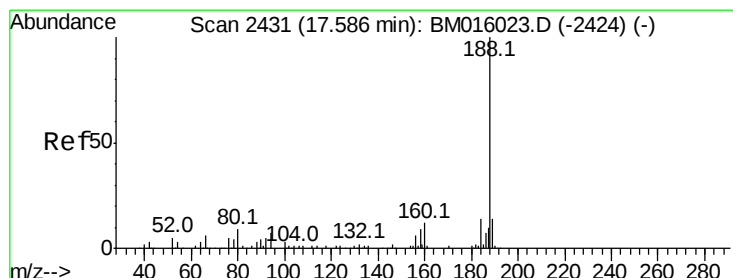
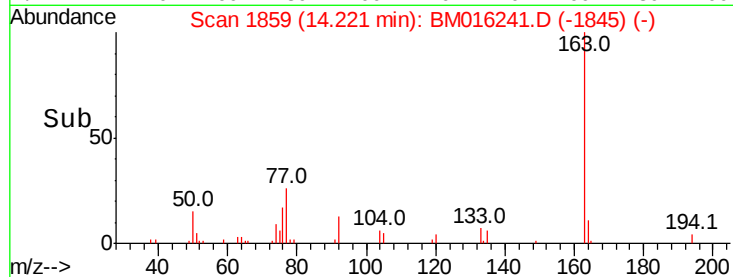
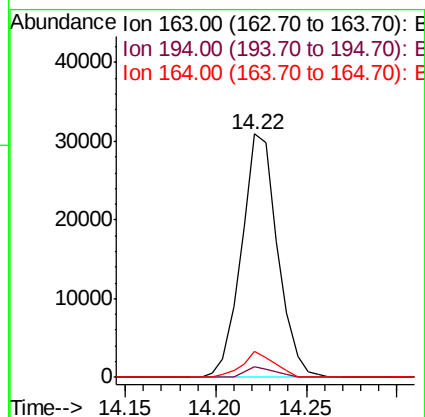
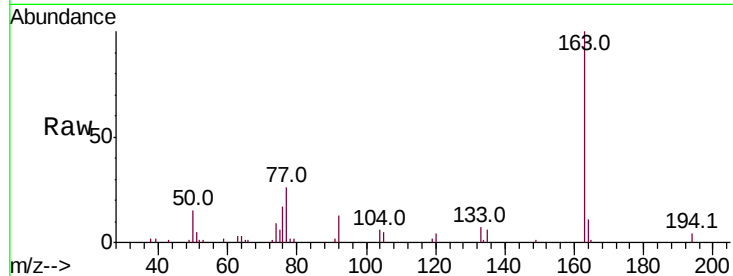
#49
Dimethylphthalate
Concen: 4.330 ng
RT: 14.22 min Scan# 1859
Delta R.T. -0.02 min
Lab File: BM016241.D
Acq: 08 Aug 2018 05:56

Instrument :
BNA_M
ClientSampled :
C-5

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.2	2.7	4.1#
164	10.6	8.2	12.2

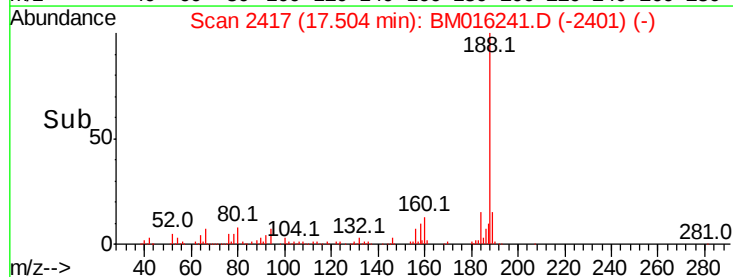
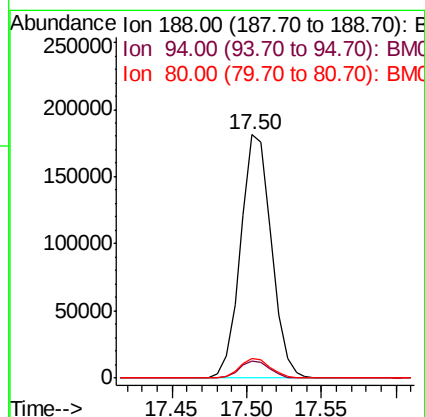
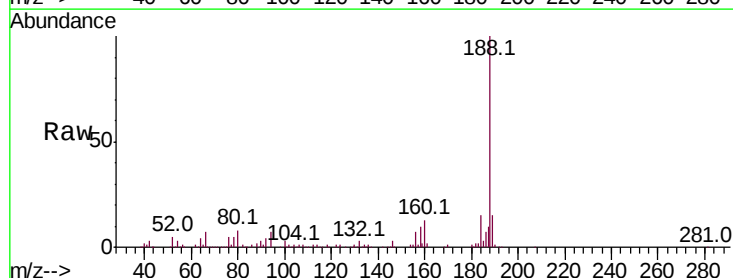
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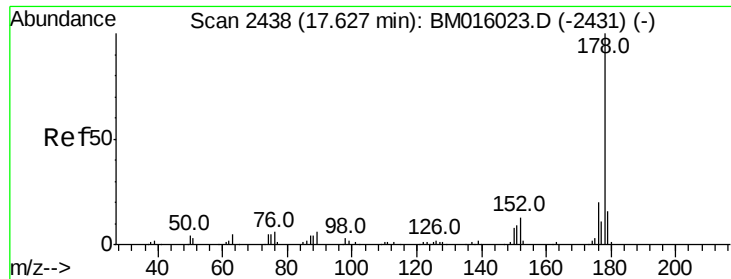
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#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.50 min Scan# 2417
Delta R.T. -0.01 min
Lab File: BM016241.D
Acq: 08 Aug 2018 05:56

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.0	8.7	13.1#
80	8.2	9.3	13.9#





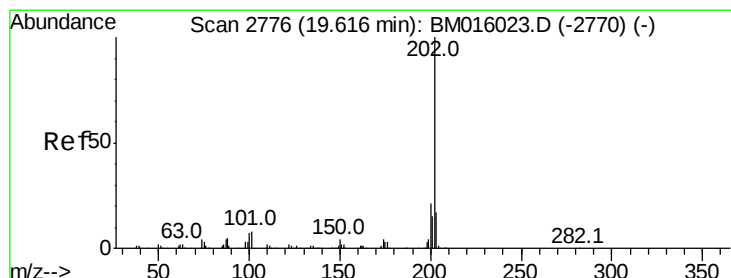
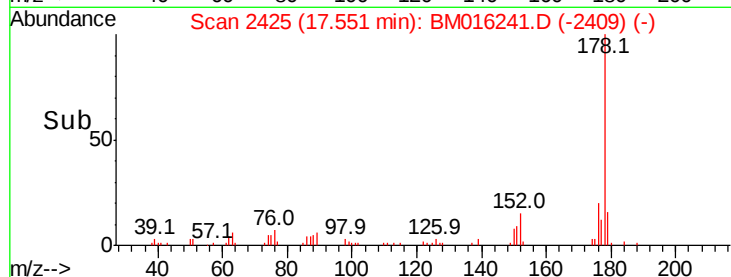
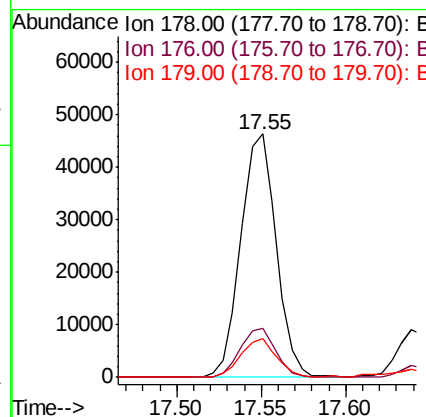
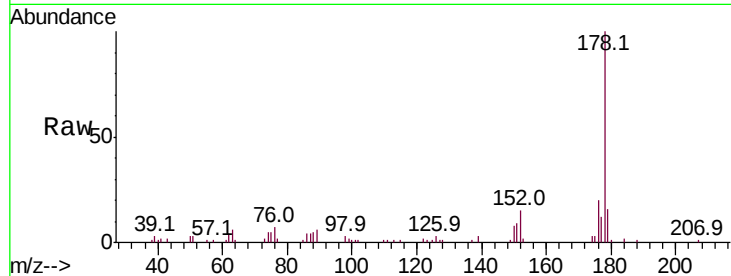
#70
Phenanthrene
Concen: 4.704 ng
RT: 17.55 min Scan# 2425
Delta R.T. -0.01 min
Lab File: BM016241.D
Acq: 08 Aug 2018 05:56

Instrument :
BNA_M
ClientSampleId :
C-5

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.3	15.2	22.8
179	16.1	12.1	18.1

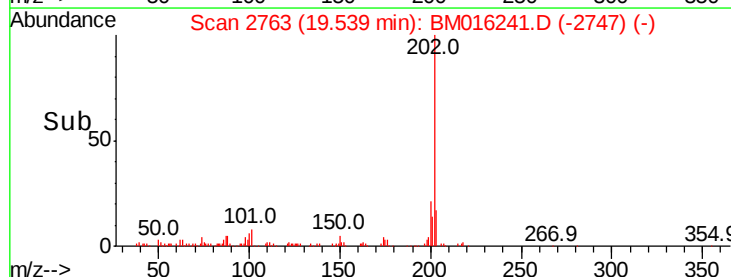
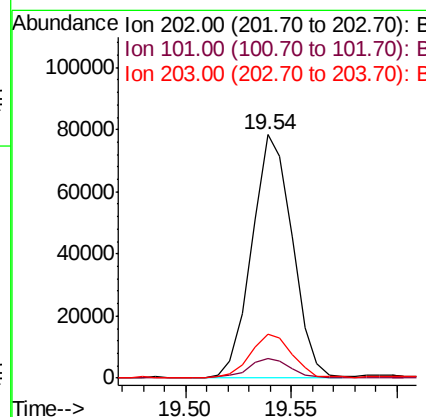
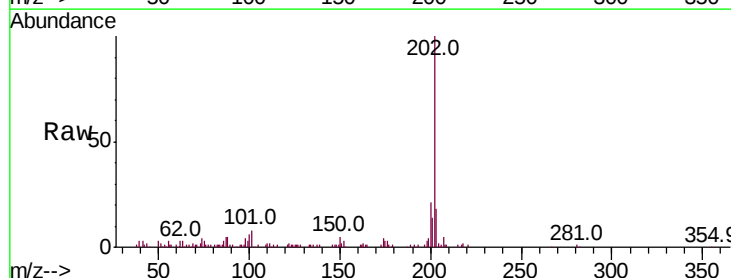
Manual Integrations
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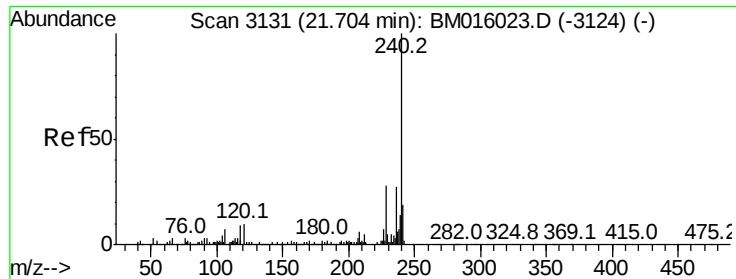
Sohil
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#74
Fluoranthene
Concen: 6.495 ng
RT: 19.54 min Scan# 2763
Delta R.T. -0.01 min
Lab File: BM016241.D
Acq: 08 Aug 2018 05:56

Tgt Ion	Ratio	Lower	Upper
202	100		
101	8.1	0.0	28.7
203	17.8	0.0	37.2





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.64 min Scan# 3120

Delta R.T. -0.01 min

Lab File: BM016241.D

Acq: 08 Aug 2018 05:56

Instrument :

BNA_M

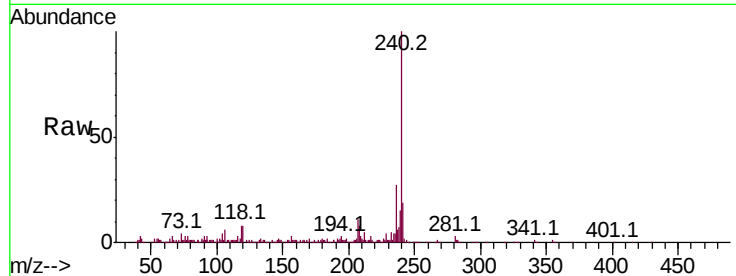
ClientSampled :

C-5

Tot Ion	Ratio	Resp	Lower	Upper
240	100	269332		
120	8.0		8.2	12.2#
236	27.2		20.0	30.0

Manual Integrations
APPROVED

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8/8/2018 5:35:15 PM

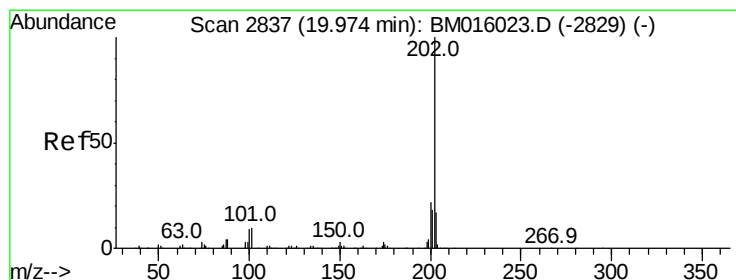
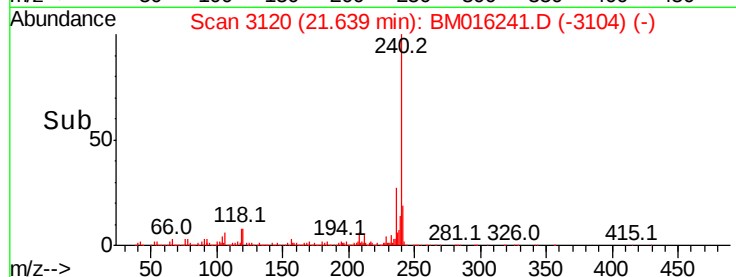
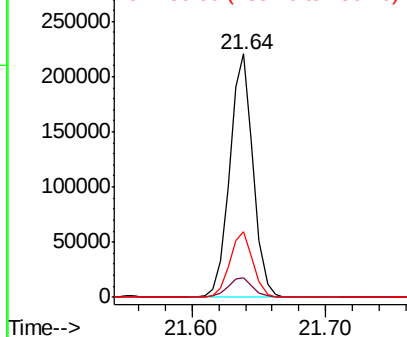


Abundance

Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#77

Pyrene

Concen: 5.890 ng

RT: 19.90 min Scan# 2825

Delta R.T. -0.00 min

Lab File: BM016241.D

Acq: 08 Aug 2018 05:56

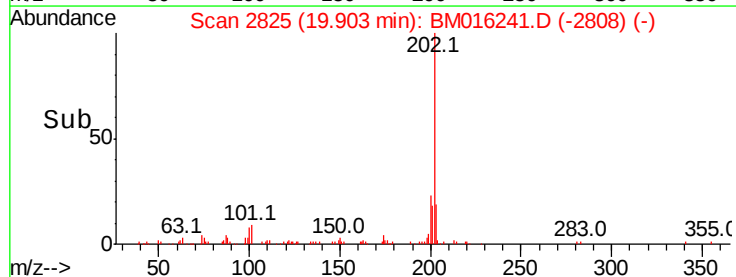
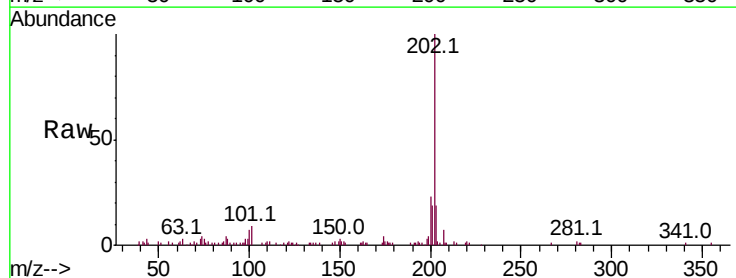
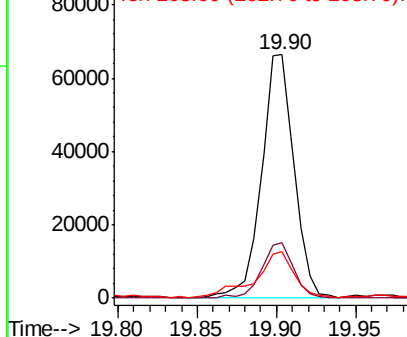
Tgt Ion	Ratio	Resp	Lower	Upper
202	100	95065		
200	23.0		16.9	25.3
203	19.3		14.1	21.1

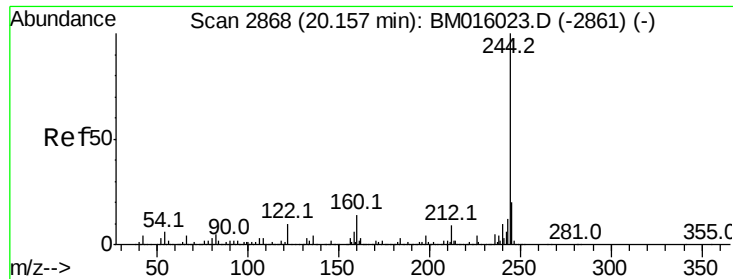
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





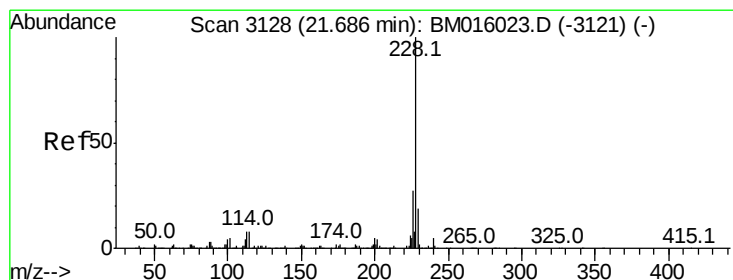
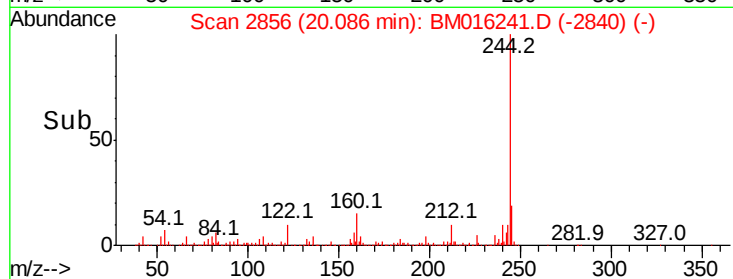
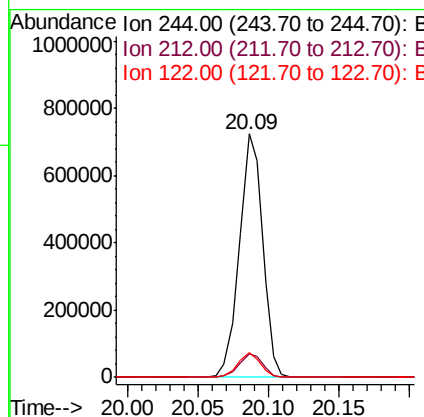
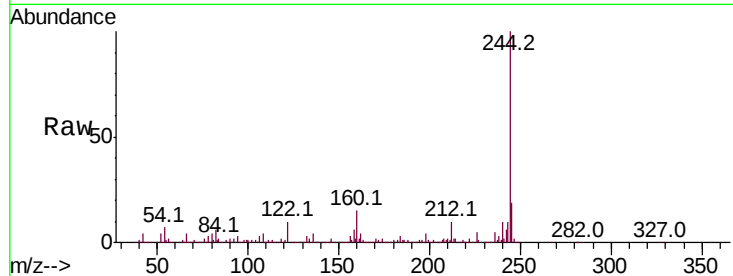
#78
 Terphenyl-d14
 Concen: 5.890 ng
 RT: 20.09 min Scan# 2856
 Delta R.T. -0.01 min
 Lab File: BM016241.D
 Acq: 08 Aug 2018 05:56

Instrument :
 BNA_M
 ClientSampled :
 C-5

Tot Ion	Ratio	Lower	Upper
244	100		
212	9.9	4.9	7.3#
122	10.1	6.2	9.4#

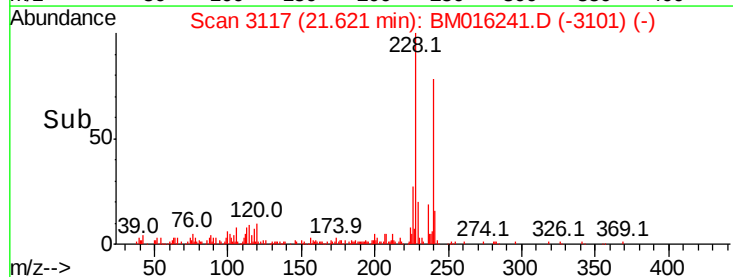
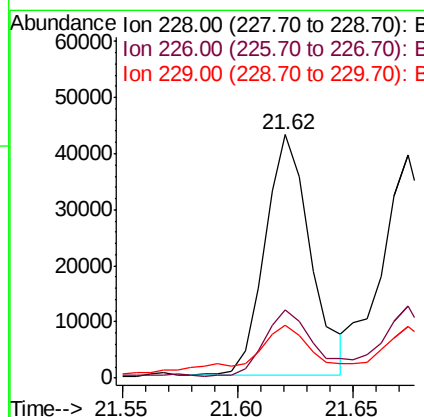
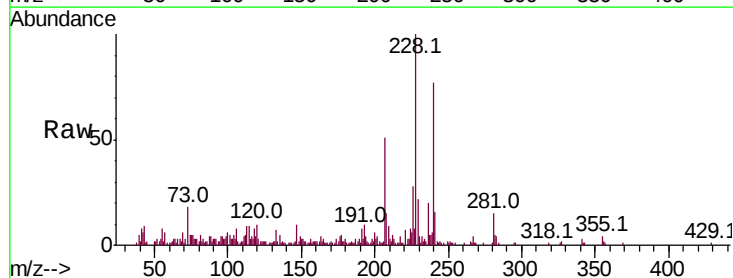
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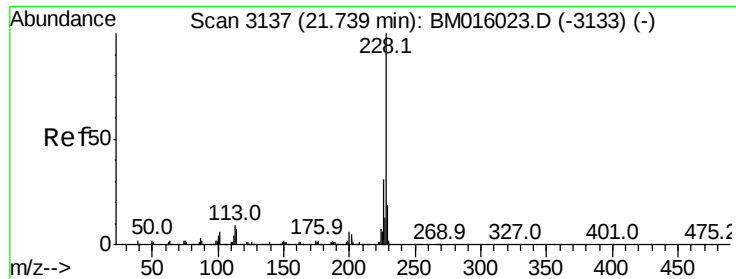
Sohil
 8/8/2018 5:35:15 PM



#80
 Benzo(a)anthracene
 Concen: 3.564 ng
 RT: 21.62 min Scan# 3117
 Delta R.T. -0.01 min
 Lab File: BM016241.D
 Acq: 08 Aug 2018 05:56

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.9	21.7	32.5
229	21.7	16.0	24.0





#82

Chrysene

Concen: 3.584 ng/mL

RT: 21.67 min Scan# 3126

Delta R.T. -0.01 min

Lab File: BM016241.D

Acq: 08 Aug 2018 05:56

Instrument :

BNA_M

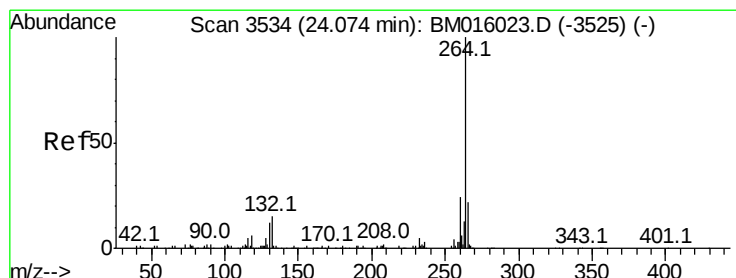
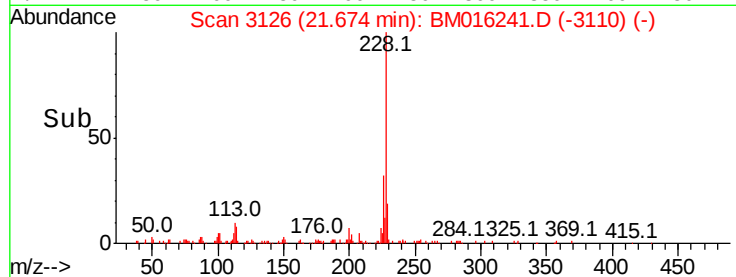
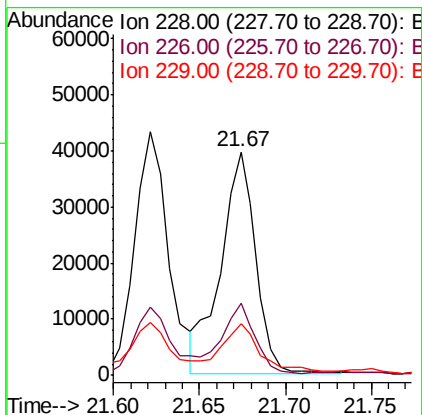
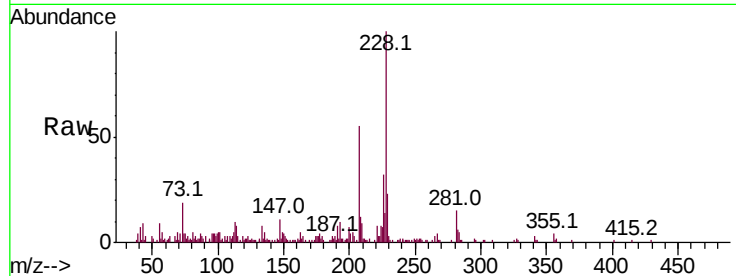
ClientSampled :

C-5

Tot Ion:	228	Resp:	57024
Ion Ratio	Lower	Upper	
228	100		
226	32.4	24.1	36.1
229	23.3	15.5	23.3

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#86

Perylene-d12

Concen: 20.000 ng/mL

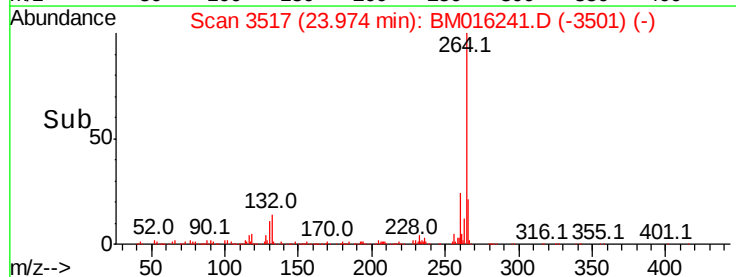
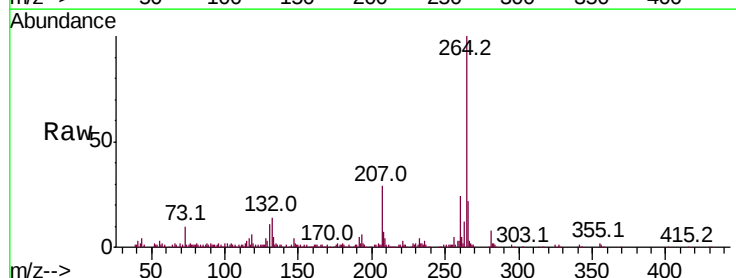
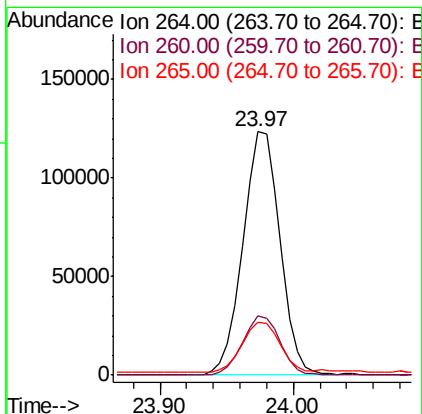
RT: 23.97 min Scan# 3517

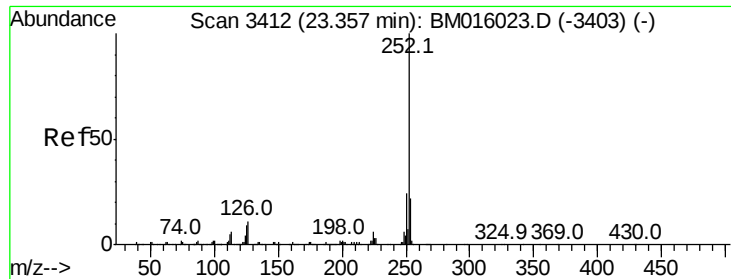
Delta R.T. -0.01 min

Lab File: BM016241.D

Acq: 08 Aug 2018 05:56

Tgt Ion:	264	Resp:	237032
Ion Ratio	Lower	Upper	
264	100		
260	24.4	18.6	27.8
265	21.8	17.3	25.9





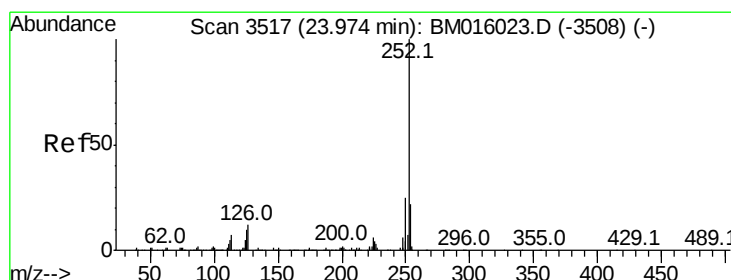
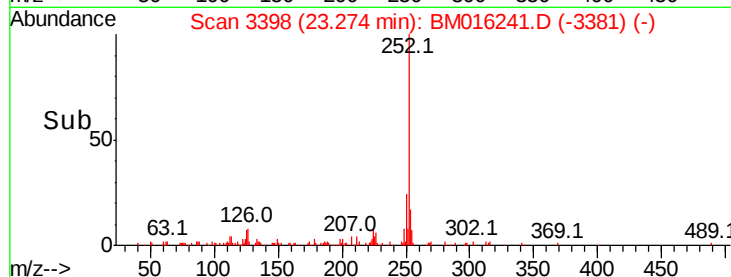
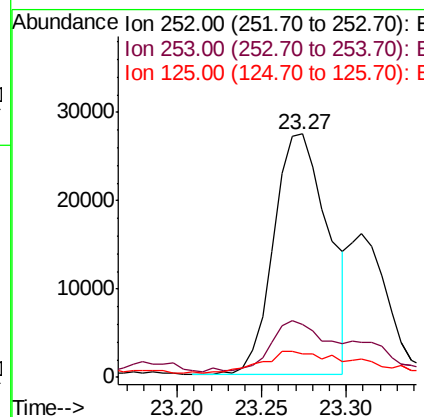
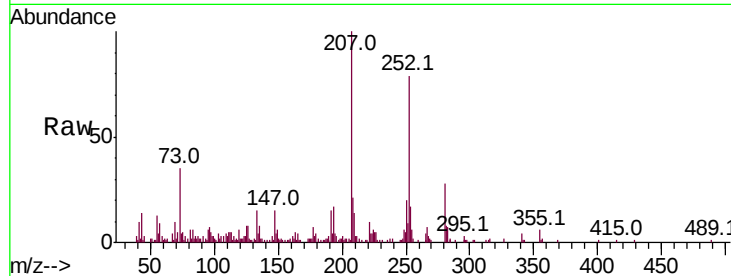
#87
Benzo(b)fluoranthene
Concen: 4.354 ng
RT: 23.27 min Scan# 3398
Delta R.T. -0.00 min
Lab File: BM016241.D
Acq: 08 Aug 2018 05:56

Instrument :
BNA_M
ClientSampleId :
C-5

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.0	27.0
125	9.8	9.9	14.9

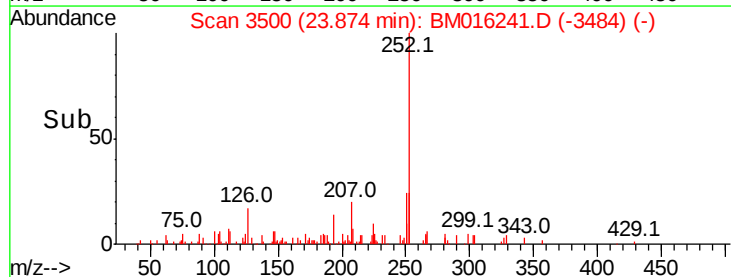
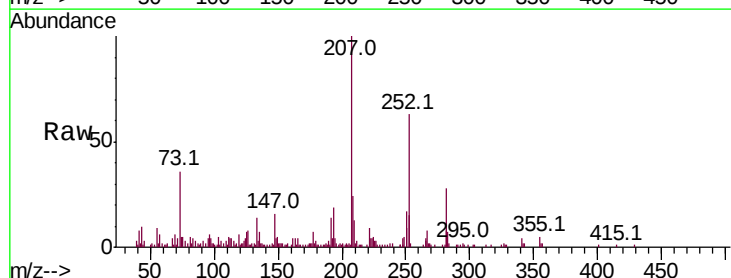
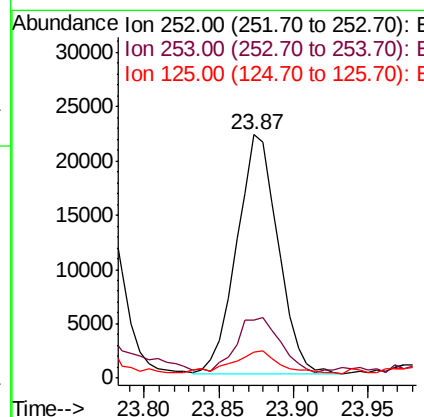
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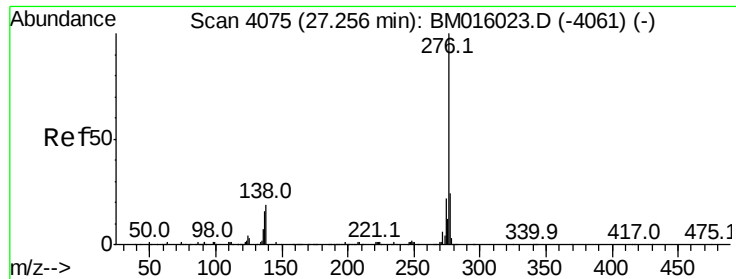
Sohil
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#89
Benzo(a)pyrene
Concen: 3.157 ng
RT: 23.87 min Scan# 3500
Delta R.T. -0.01 min
Lab File: BM016241.D
Acq: 08 Aug 2018 05:56

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.0	17.6	26.4
125	10.5	7.4	11.2





#91
 Benzo(a,h,i)perylene
 Concen: 2.104 ng
 RT: 27.09 min Scan# 4047
 Delta R.T. -0.02 min
 Lab File: BM016241.D
 Acq: 08 Aug 2018 05:56

Instrument :
 BNA_M
 ClientSampleId :
 C-5

Tot Ion:	276	Resp:	27661
Ion Ratio	Lower	Upper	
276	100		
277	27.1	18.5	27.7
138	22.0	19.0	28.6

Manual Integrations
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 8/8/2018 5:35:15 PM

