

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080818\
 Data File : BM016260.D
 Acq On : 08 Aug 2018 21:22
 Operator : SJ/JU
 Sample : J4313-09
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C-9

Manual Integrations
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Quant Time: Aug 09 05:14:01 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	44383	20.00	ng	0.00
21) Naphthalene-d8	10.95	136	156648	20.00	ng	0.00
38) Acenaphthene-d10	14.77	164	73331	20.00	ng	0.00
63) Phenanthrene-d10	17.50	188	142780	20.00	ng	0.00
75) Chrysene-d12	21.64	240	159172	20.00	ng	0.00
86) Perylene-d12	23.97	264	175143	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	274927	102.90	ng	0.00
7) Phenol-d6	7.30	99	324178	92.91	ng	0.00
23) Nitrobenzene-d5	9.32	82	245613	72.93	ng	0.00
41) 2,4,6-Tribromophenol	16.26	330	84752	91.12	ng	0.00
44) 2-Fluorobiphenyl	13.39	172	426455	70.76	ng	0.00
78) Terphenyl-d14	20.09	244	551677	72.55	ng	0.00
Target Compounds						
49) Dimethylphthalate	14.22	163	34110	5.315	ng	99
70) Phenanthrene	17.54	178	52877	6.615	ng	100
74) Fluoranthene	19.54	202	95072	10.662	ng	98
77) Pyrene	19.90	202	86657	9.085	ng	97
80) Benzo(a)anthracene	21.62	228	54471	5.556	ng	95
82) Chrysene	21.67	228	47293	5.029	ng	96
85) Indeno(1,2,3-cd)pyrene	26.36	276	40674	3.645	ng	# 95
87) Benzo(b)fluoranthene	23.27	252	73192	7.098	ng	97
88) Benzo(k)fluoranthene	23.31	252	29951m	2.866	ng	
89) Benzo(a)pyrene	23.87	252	54463	5.494	ng	98
91) Benzo(g,h,i)perylene	27.10	276	38358	3.949	ng	# 94

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

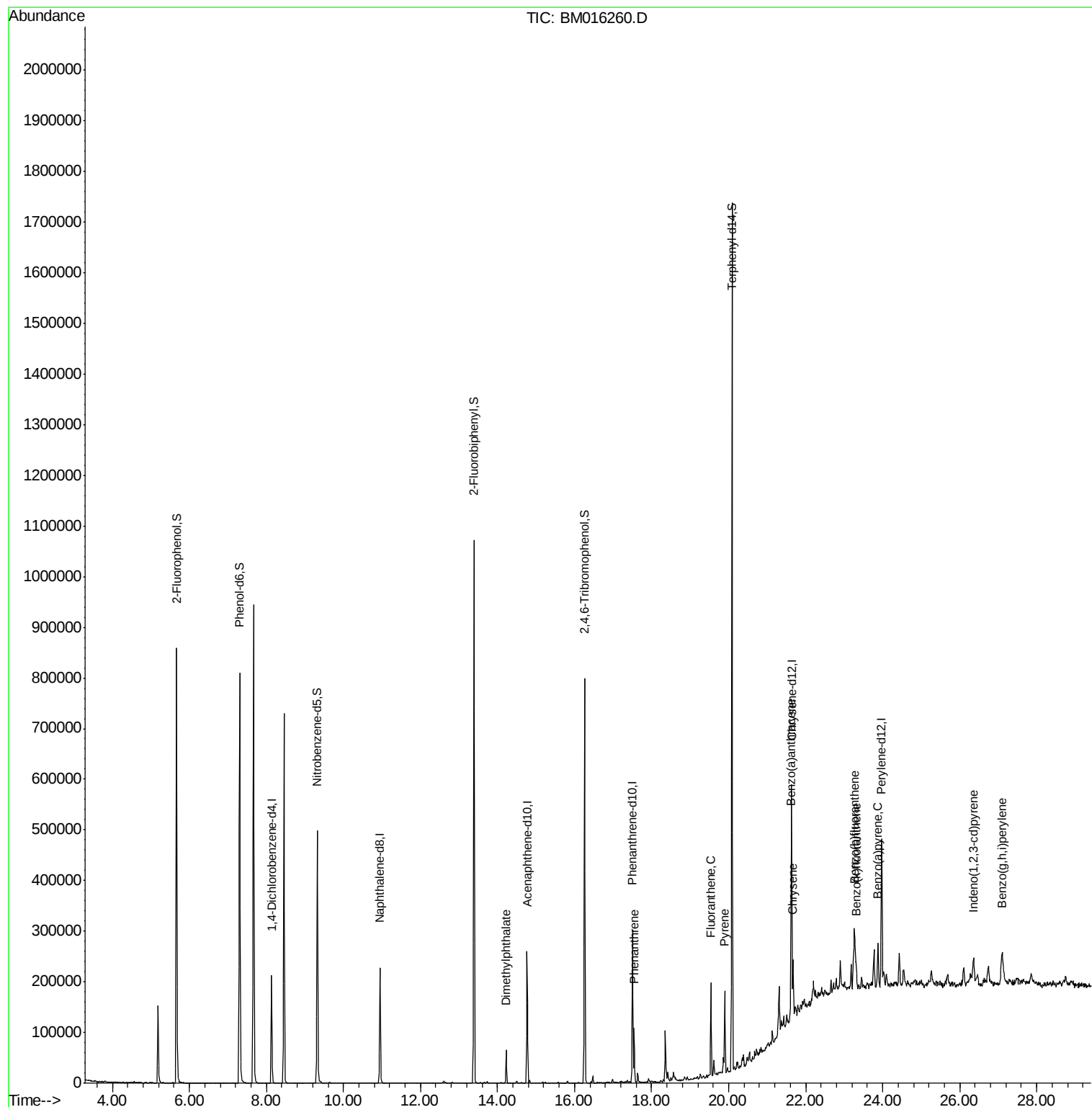
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080818\
Data File : BM016260.D
Acq On : 08 Aug 2018 21:22
Operator : SJ/JU
Sample : J4313-09
Misc :
ALS Vial : 18 Sample Multiplier: 1

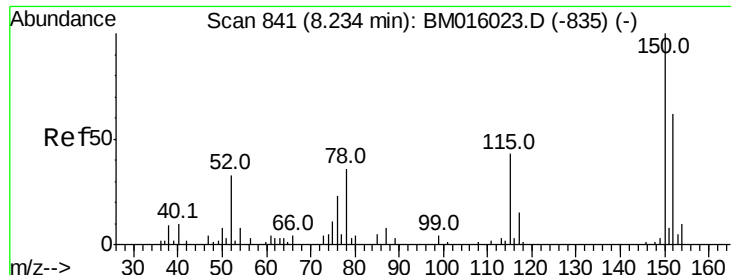
Instrument :
BNA_M
ClientSampleId :
C-9

Quant Time: Aug 09 05:14:01 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

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#1

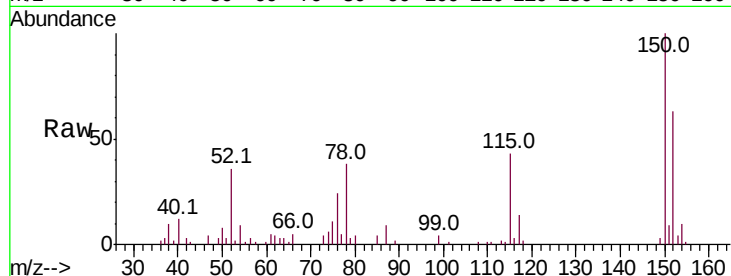
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.13 min Scan# 824
Delta R.T. 0.00 min
Lab File: BM016260.D
Acq: 08 Aug 2018 21:22

Instrument :
BNA_M
ClientSampled :
C-9

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.4	119.5	179.3
115	67.7	43.0	64.4

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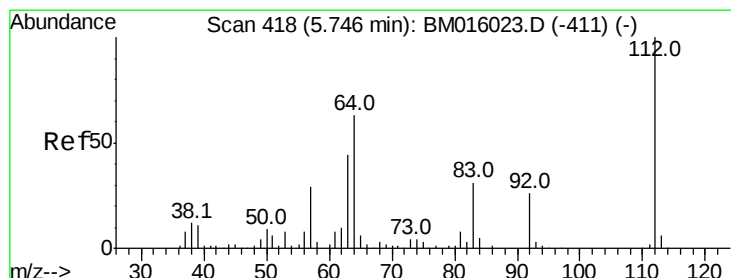
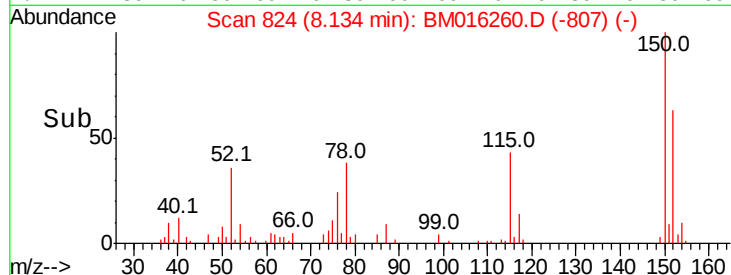
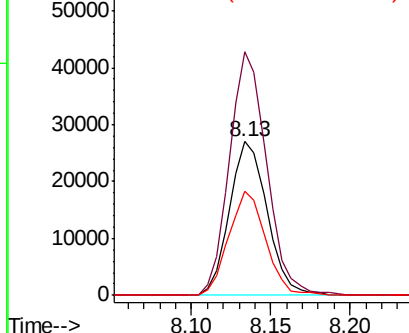


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

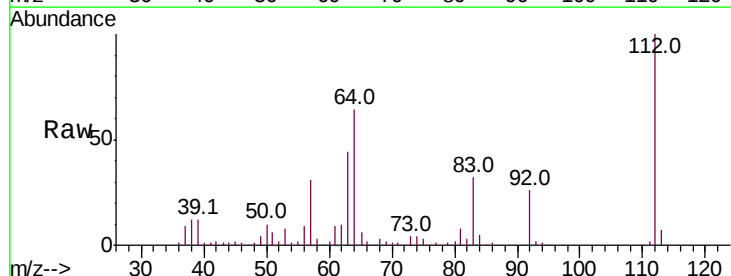
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: N.D. ng
RT: 5.66 min Scan# 404
Delta R.T. 0.00 min
Lab File: BM016260.D
Acq: 08 Aug 2018 21:22

Tgt Ion	Ratio	Lower	Upper
112	100		
64	64.3	38.6	57.8
63	44.0	19.3	28.9

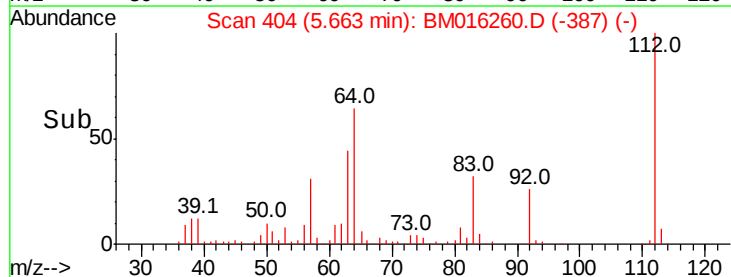
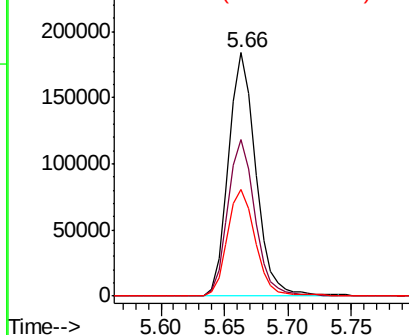


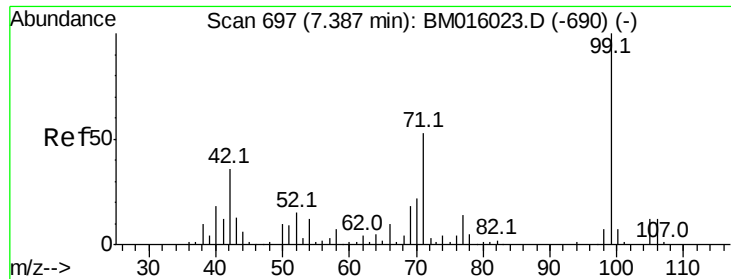
Abundance

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: BM016260.D

Acq: 08 Aug 2018 21:22

Instrument :

BNA_M

ClientSampled :

C-9

Tot Ion: 99 Resp: 324178

Ion Ratio Lower Upper

99 100

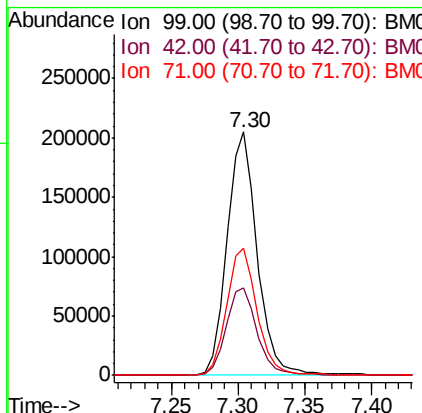
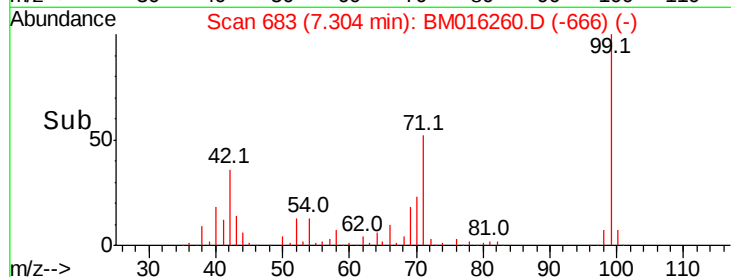
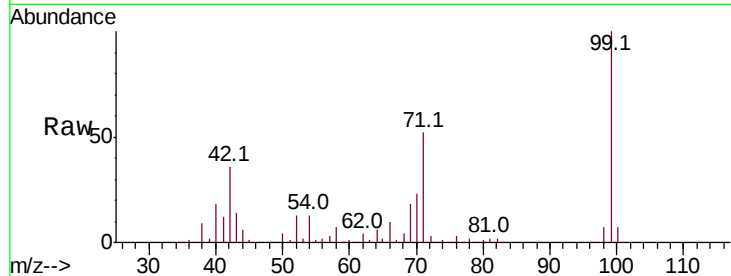
42 36.1 11.0 16.4#

71 52.3 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: BM016260.D

Acq: 08 Aug 2018 21:22

Tgt Ion: 136 Resp: 156648

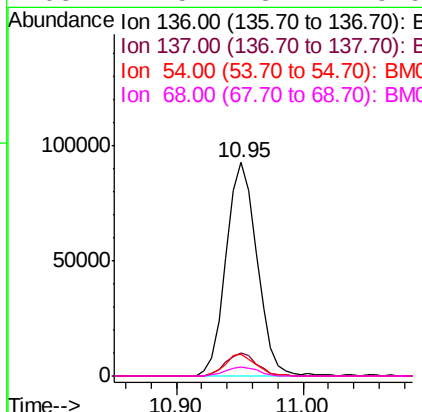
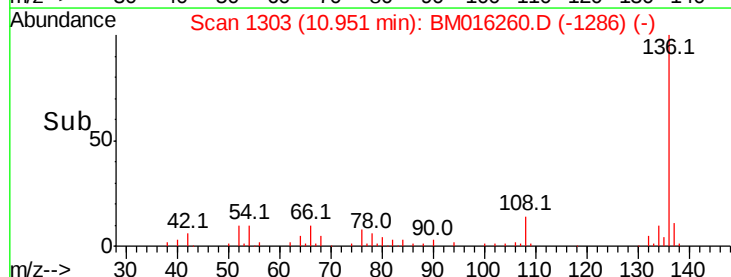
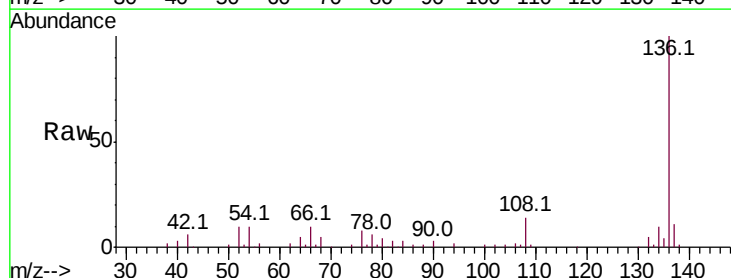
Ion Ratio Lower Upper

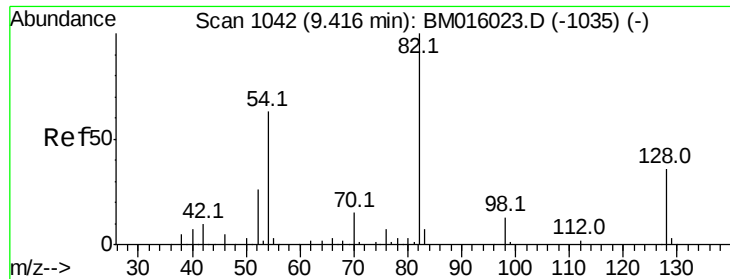
136 100

137 10.7 8.7 13.1

54 10.1 4.6 6.8#

68 4.5 3.7 5.5





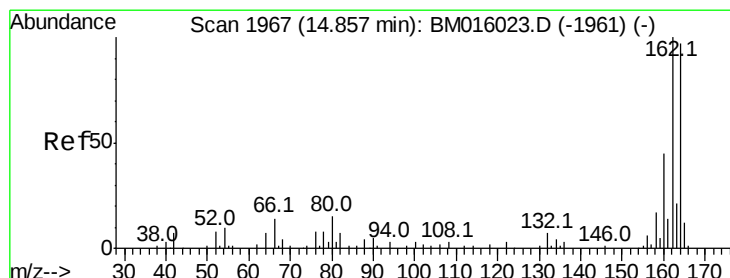
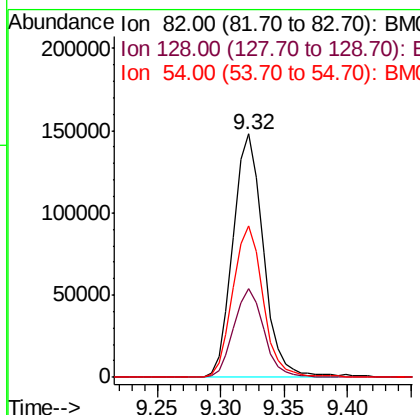
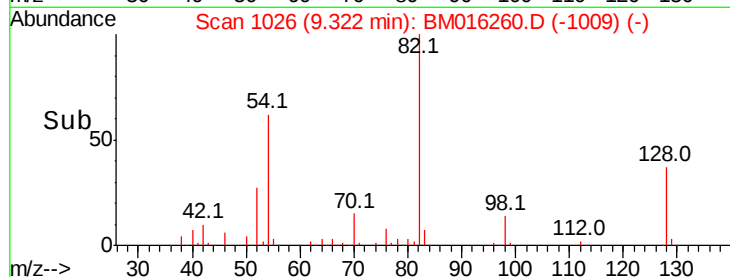
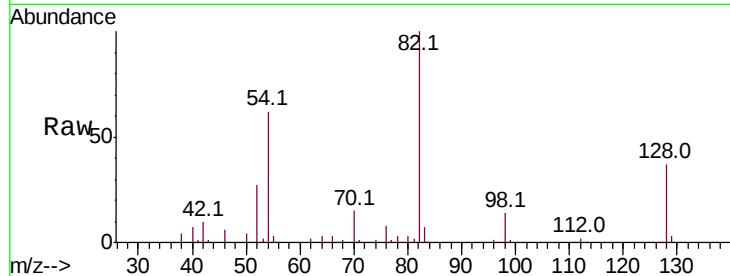
#23
Nitrobenzene-d5
Concen: N.D. ng
RT: 9.32 min Scan# 1026
Delta R.T. 0.00 min
Lab File: BM016260.D
Acq: 08 Aug 2018 21:22

Instrument :
BNA_M
ClientSampled :
C-9

Tot Ion	Ratio	Lower	Upper
82	100		
128	36.5	32.8	49.2
54	62.1	40.6	60.8

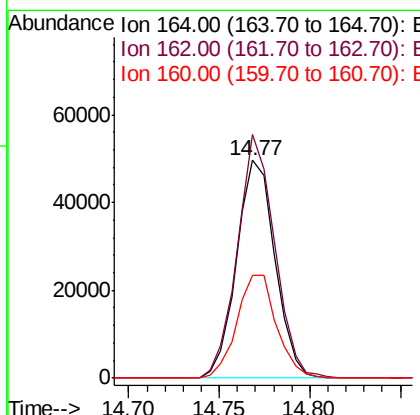
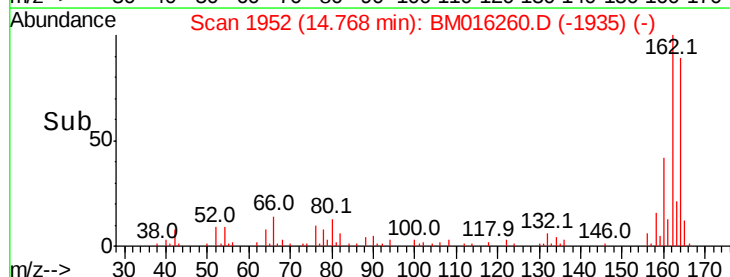
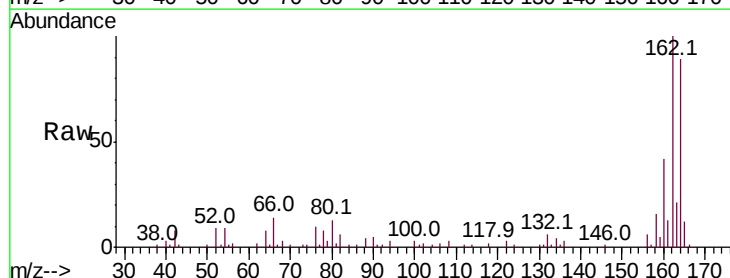
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.77 min Scan# 1952
Delta R.T. 0.00 min
Lab File: BM016260.D
Acq: 08 Aug 2018 21:22

Tgt Ion	Ratio	Lower	Upper
164	100		
162	111.9	82.4	123.6
160	47.3	35.8	53.6





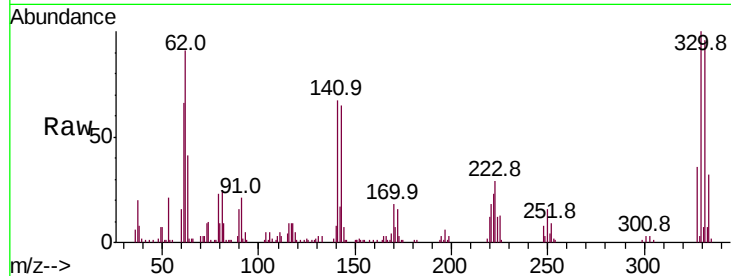
#41
 2,4,6-Tribromophenol
 Concen: N.D. ng
 RT: 16.26 min Scan# 2206
 Delta R.T. 0.00 min
 Lab File: BM016260.D
 Acq: 08 Aug 2018 21:22

Instrument :
 BNA_M
 ClientSampled :
 C-9

Tot Ion	Ratio	Resp Lower	Upper
330	100		
332	96.2	0.0	0.0#
141	72.4	0.0	0.0#

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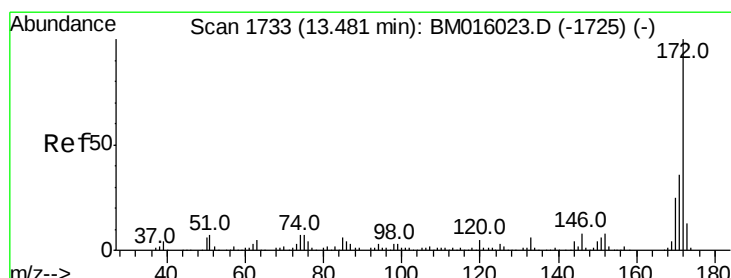
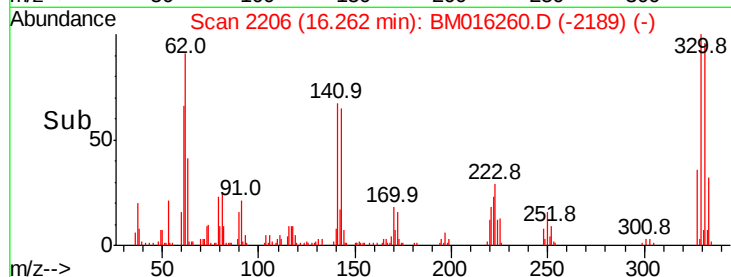
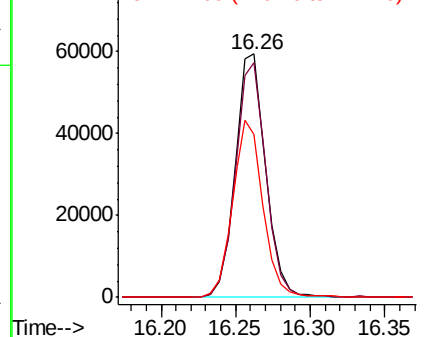


Abundance

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: BM016260.D
 Acq: 08 Aug 2018 21:22

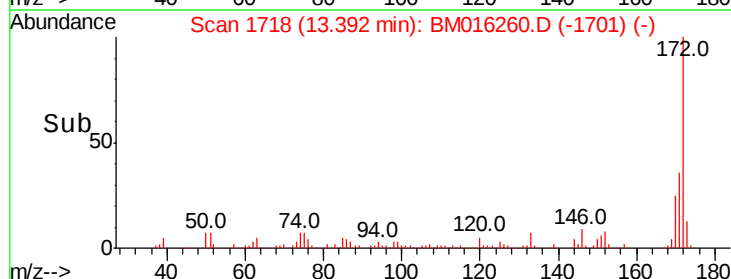
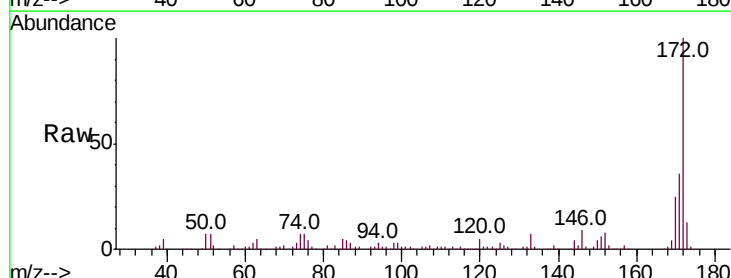
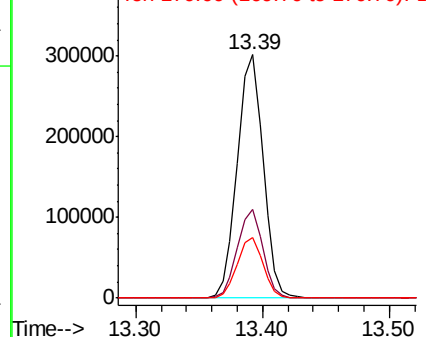
Tgt Ion	Ratio	Resp Lower	Upper
172	100		
171	36.5	28.5	42.7
170	24.8	18.8	28.2

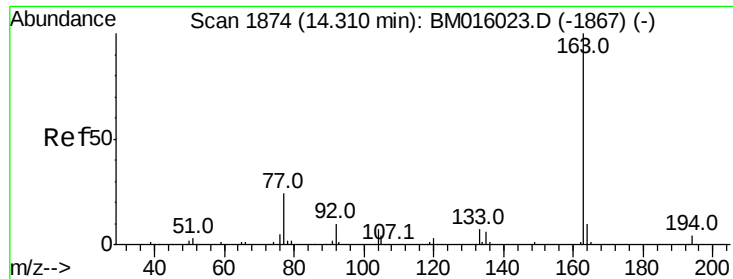
Abundance

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





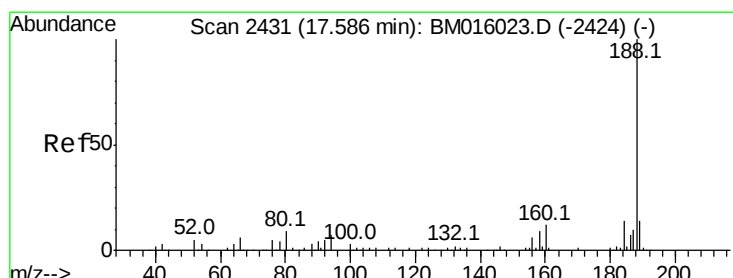
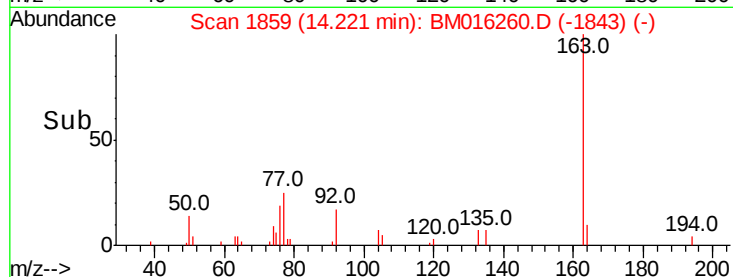
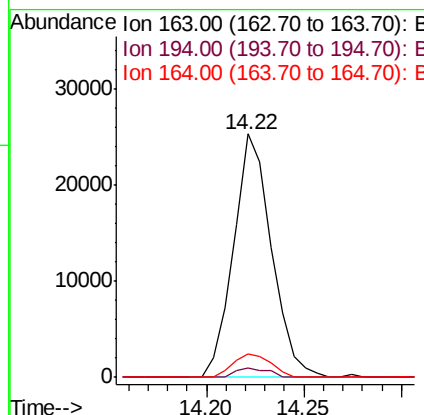
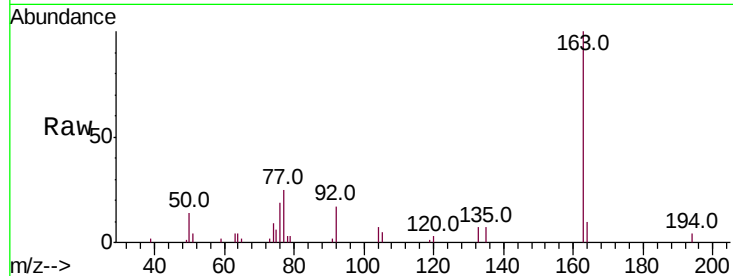
#49
Dimethylphthalate
Concen: 5.315 ng
RT: 14.22 min Scan# 1859
Delta R.T. -0.01 min
Lab File: BM016260.D
Acq: 08 Aug 2018 21:22

Instrument :
BNA_M
ClientSampled :
C-9

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.9	2.7	4.1
164	9.7	8.2	12.2

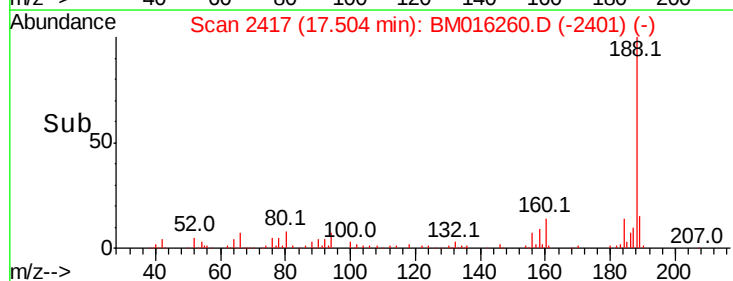
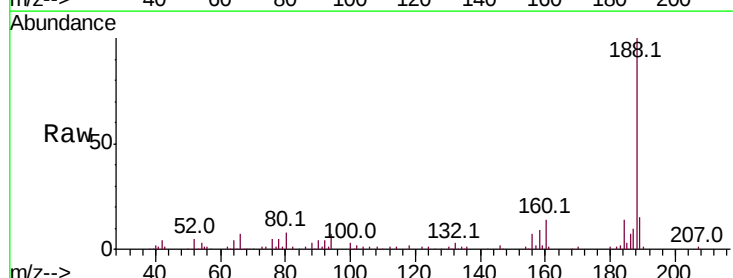
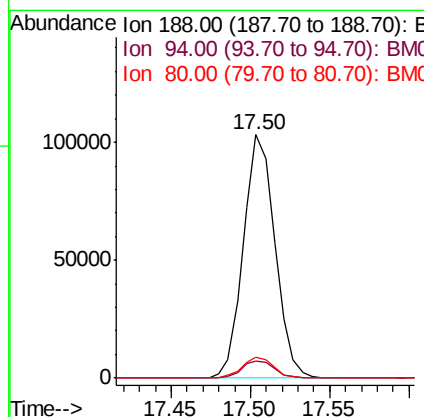
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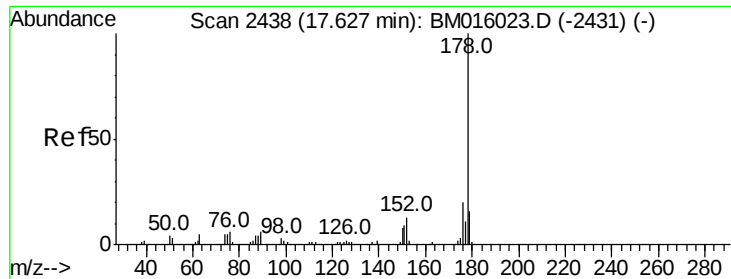
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#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.50 min Scan# 2417
Delta R.T. -0.01 min
Lab File: BM016260.D
Acq: 08 Aug 2018 21:22

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.1	8.7	13.1#
80	8.4	9.3	13.9#





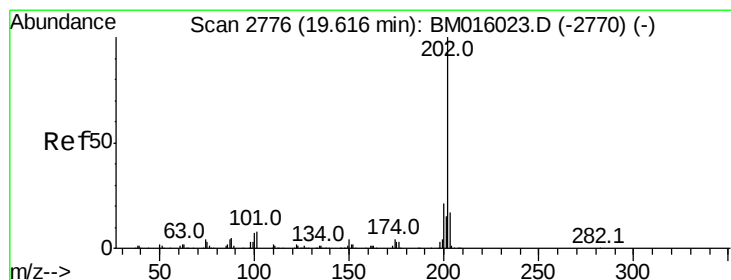
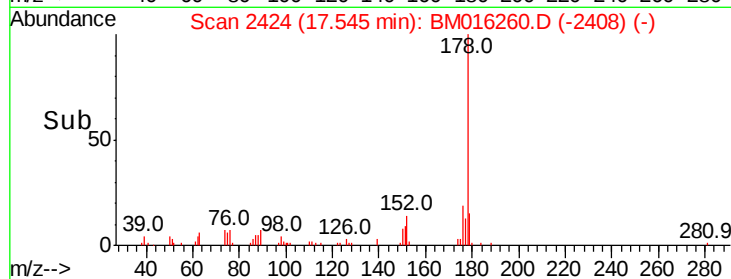
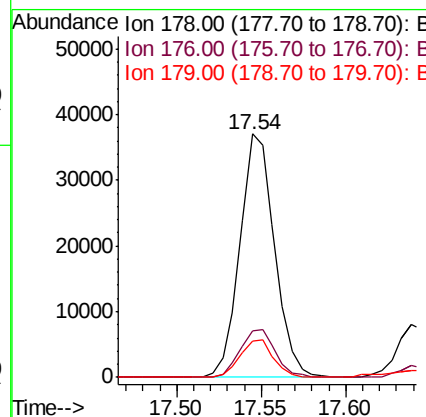
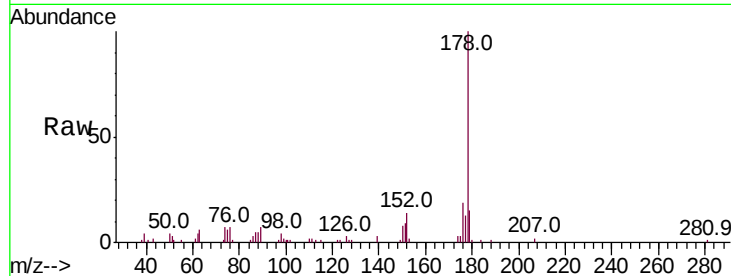
#70
 Phenanthrene
 Concen: 6.615 ng
 RT: 17.54 min Scan# 2424
 Delta R.T. -0.01 min
 Lab File: BM016260.D
 Acq: 08 Aug 2018 21:22

Instrument :
 BNA_M
 ClientSampled :
 C-9

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.2	22.8
179	15.1	12.1	18.1

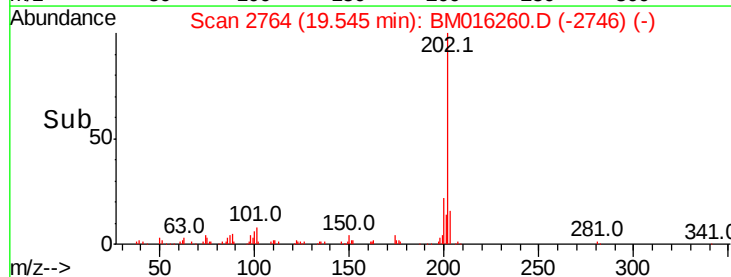
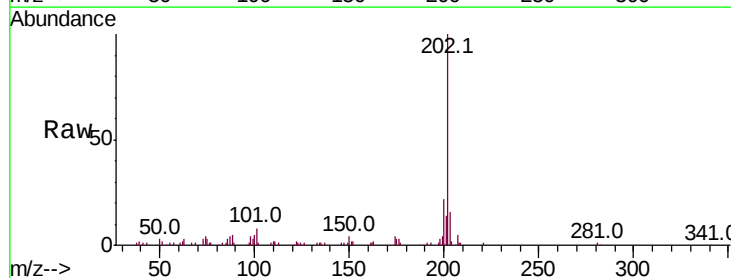
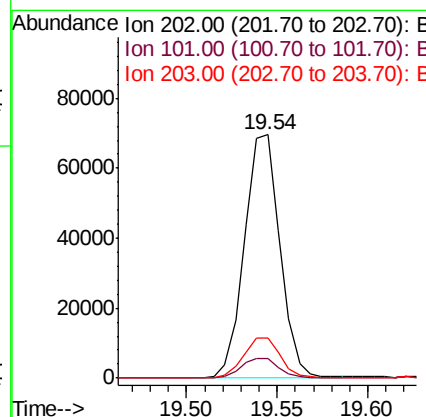
Manual Integrations
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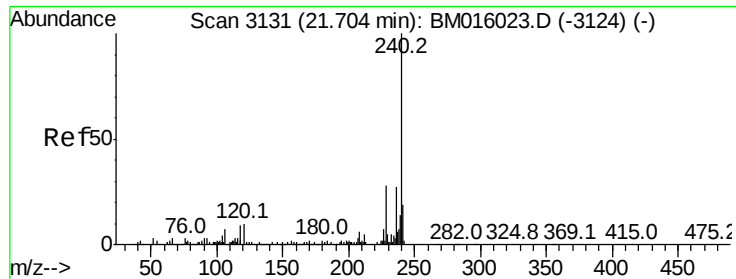
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#74
 Fluoranthene
 Concen: 10.662 ng
 RT: 19.54 min Scan# 2764
 Delta R.T. 0.01 min
 Lab File: BM016260.D
 Acq: 08 Aug 2018 21:22

Tgt Ion	Ratio	Lower	Upper
202	100		
101	7.8	0.0	28.7
203	16.3	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: BM016260.D

Acq: 08 Aug 2018 21:22

Instrument :

BNA_M

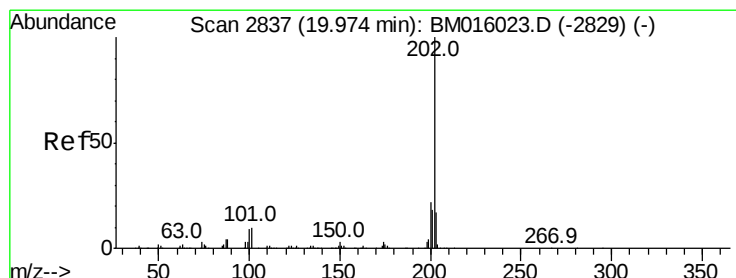
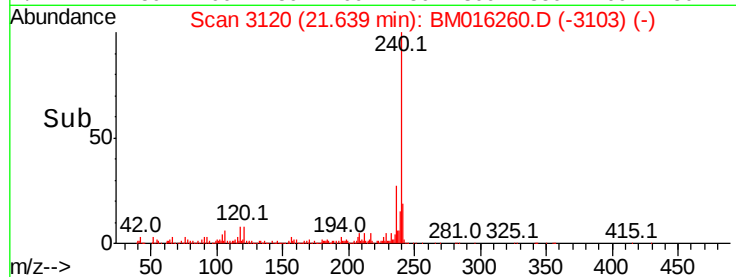
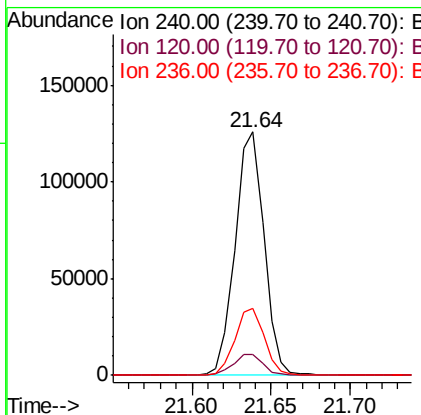
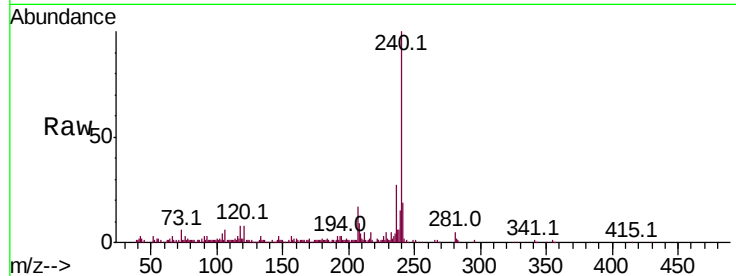
ClientSampleId :

C-9

Tot Ion:	240	Resp:	159172
Ion Ratio	Lower	Upper	
240	100		
120	8.4	8.2	12.2
236	27.4	20.0	30.0

Manual Integrations
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#77

Pyrene

Concen: 9.085 ng

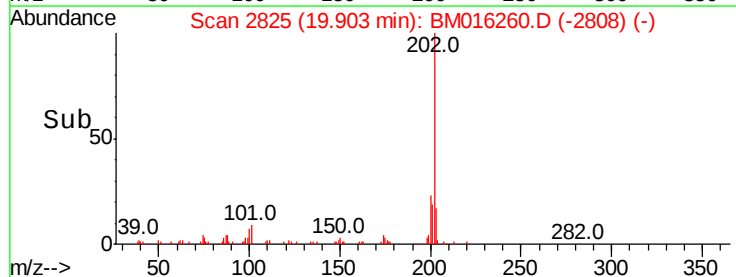
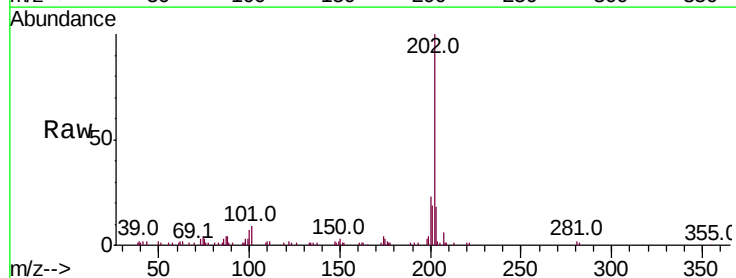
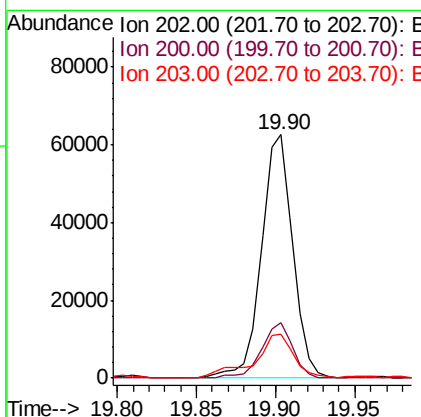
RT: 19.90 min Scan# 2825

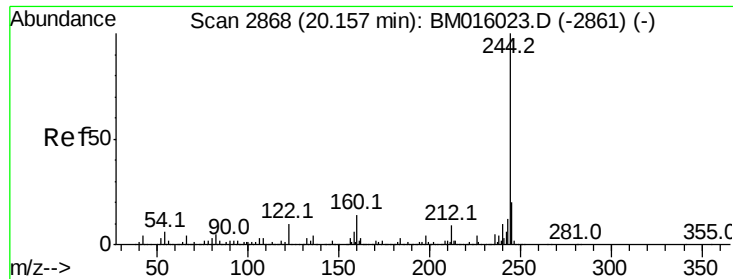
Delta R.T. 0.00 min

Lab File: BM016260.D

Acq: 08 Aug 2018 21:22

Tgt Ion:	202	Resp:	86657
Ion Ratio	Lower	Upper	
202	100		
200	22.9	16.9	25.3
203	18.1	14.1	21.1





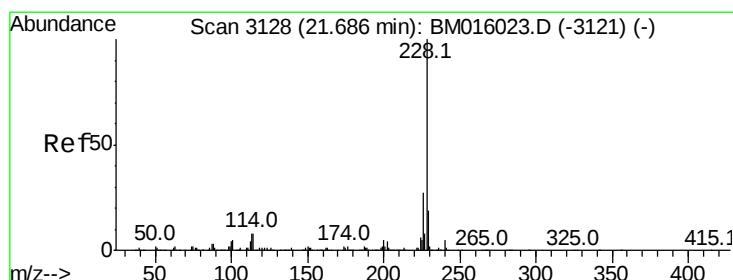
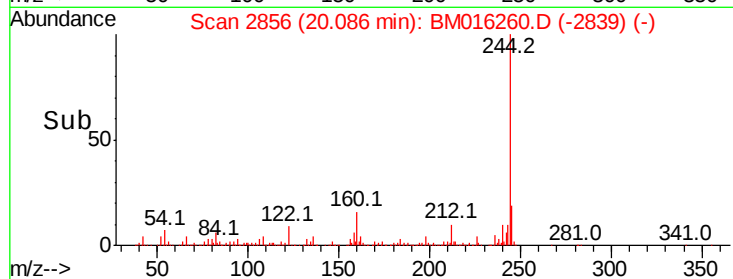
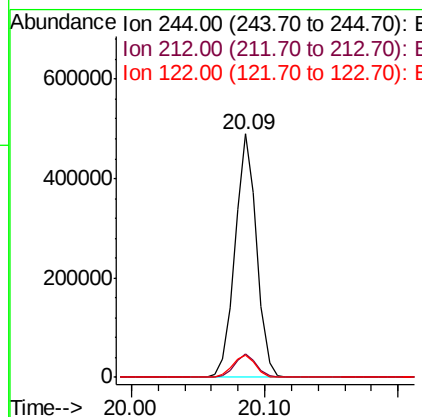
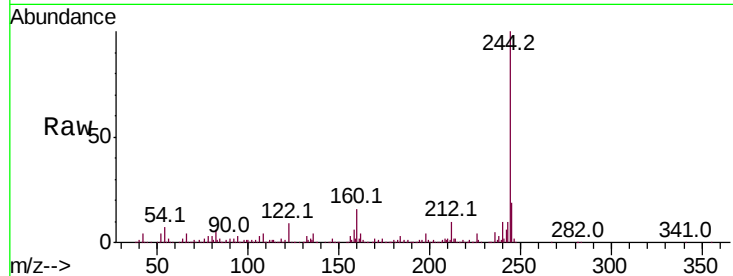
#78
 Terphenyl-d14
 Concen: 9.085 ng
 RT: 20.09 min Scan# 2856
 Delta R.T. 0.00 min
 Lab File: BM016260.D
 Acq: 08 Aug 2018 21:22

Instrument :
 BNA_M
 ClientSampled :
 C-9

Tot Ion	Ratio	Lower	Upper
244	100		
212	9.6	4.9	7.3#
122	9.4	6.2	9.4

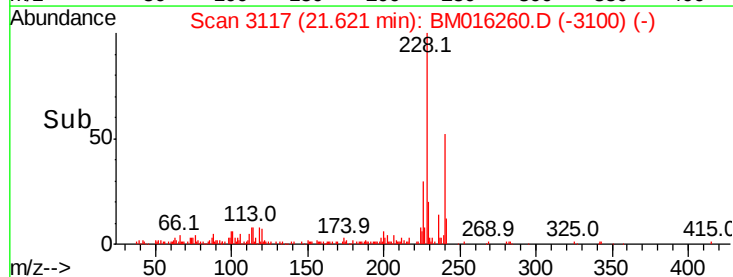
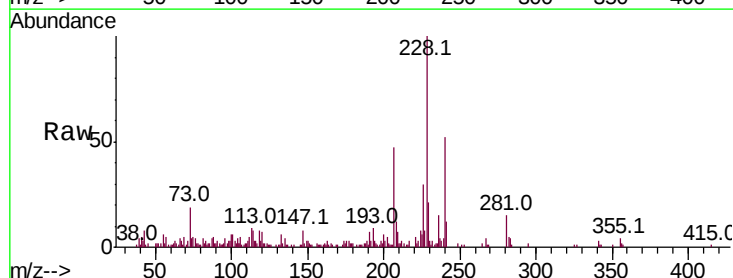
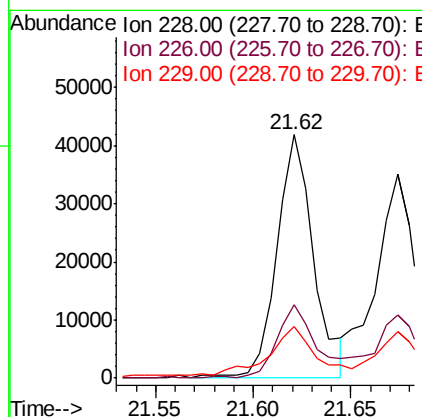
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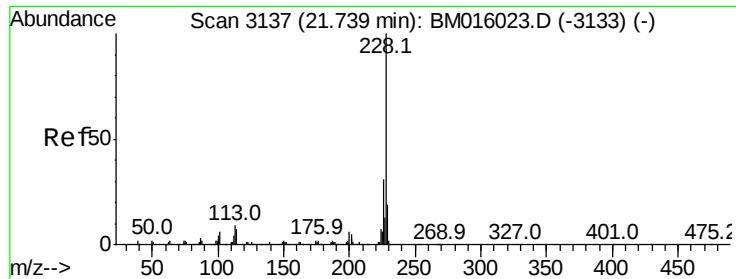
Sohil
 8/9/2018 2:24:06 PM



#80
 Benzo(a)anthracene
 Concen: 5.556 ng
 RT: 21.62 min Scan# 3117
 Delta R.T. 0.00 min
 Lab File: BM016260.D
 Acq: 08 Aug 2018 21:22

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.2	21.7	32.5
229	21.2	16.0	24.0





#82

Chrysene

Concen: 5.029 ng

RT: 21.67 min Scan# 3126

Delta R.T. 0.00 min

Lab File: BM016260.D

Acq: 08 Aug 2018 21:22

Instrument :

BNA_M

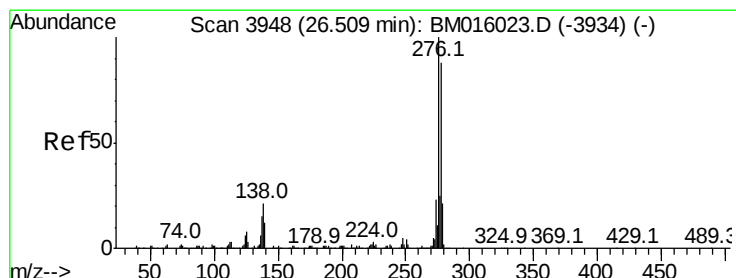
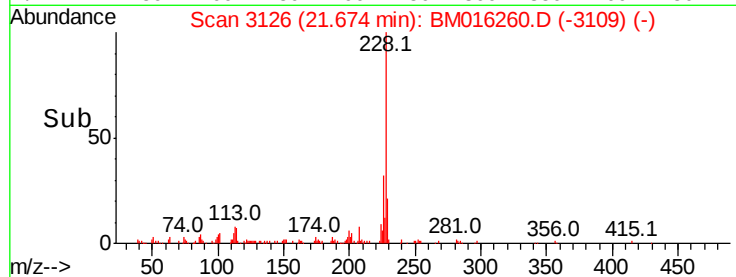
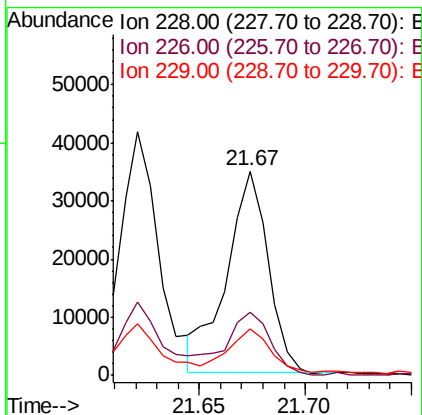
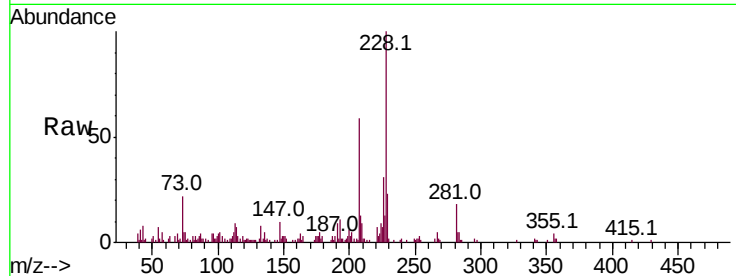
ClientSampled :

C-9

Tot Ion:	228	Resp:	47293
Ion Ratio	Lower	Upper	
228	100		
226	31.2	24.1	36.1
229	23.0	15.5	23.3

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#85

Indeno(1,2,3-cd)pyrene

Concen: 3.645 ng

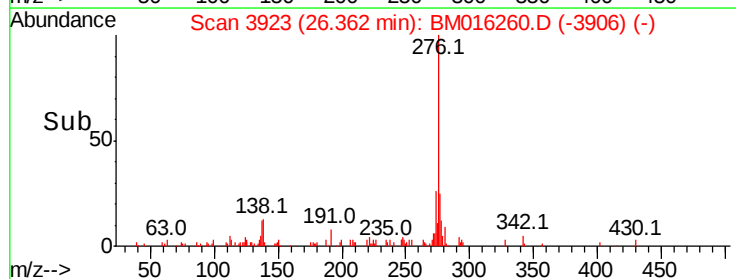
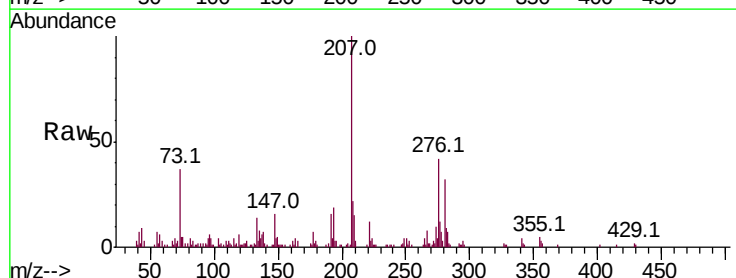
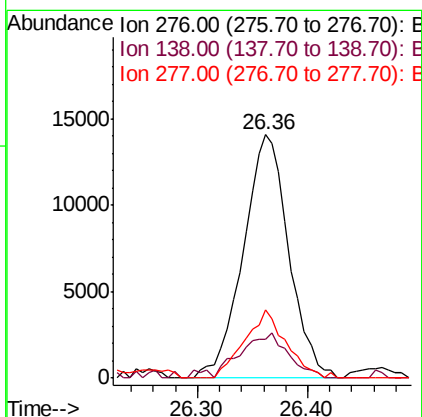
RT: 26.36 min Scan# 3923

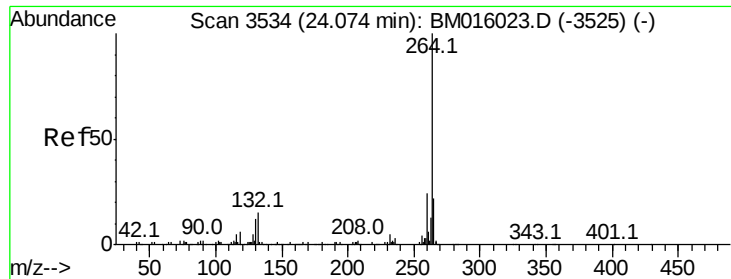
Delta R.T. 0.00 min

Lab File: BM016260.D

Acq: 08 Aug 2018 21:22

Tgt Ion:	276	Resp:	40674
Ion Ratio	Lower	Upper	
276	100		
138	19.1	12.0	18.0#
277	25.7	20.0	30.0





#86

Pervlene-d12

Concen: 20.000 ng

RT: 23.97 min Scan# 3517

Delta R.T. 0.00 min

Lab File: BM016260.D

Acq: 08 Aug 2018 21:22

Instrument :

BNA_M

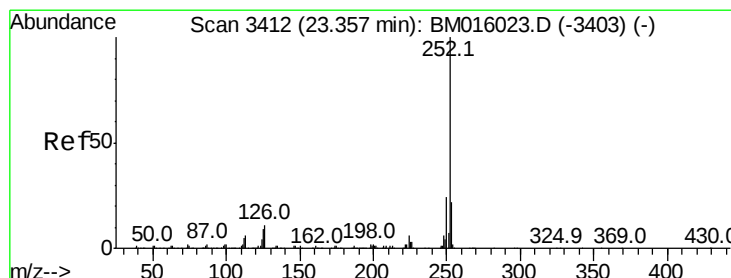
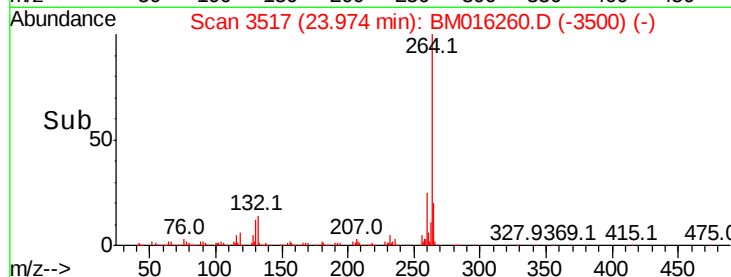
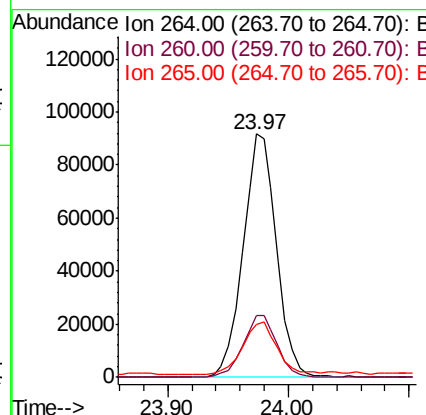
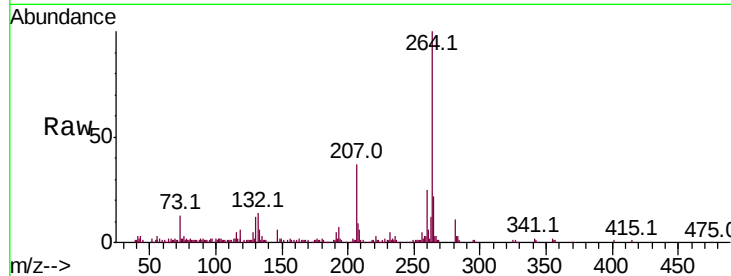
ClientSampleId :

C-9

Tot Ion:	264	Resp:	175143
Ion Ratio	Lower	Upper	
264	100		
260	25.4	18.6	27.8
265	21.7	17.3	25.9

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#87

Benzo(b)fluoranthene

Concen: 7.098 ng

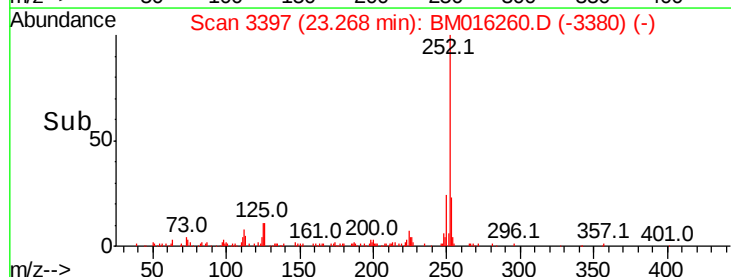
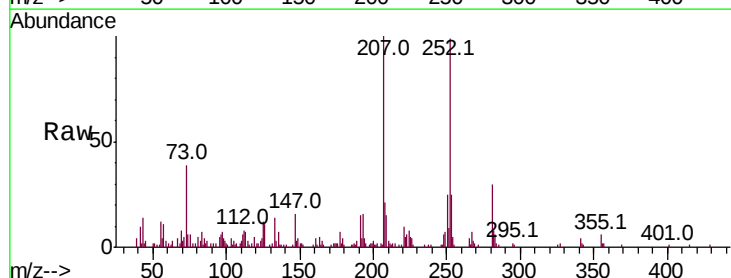
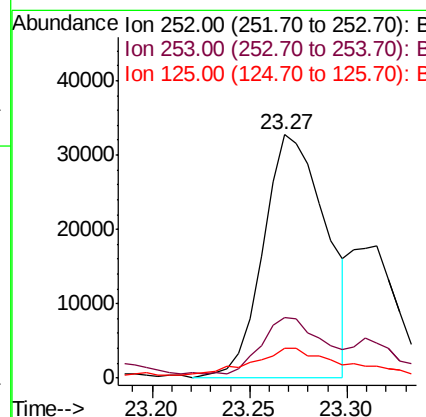
RT: 23.27 min Scan# 3397

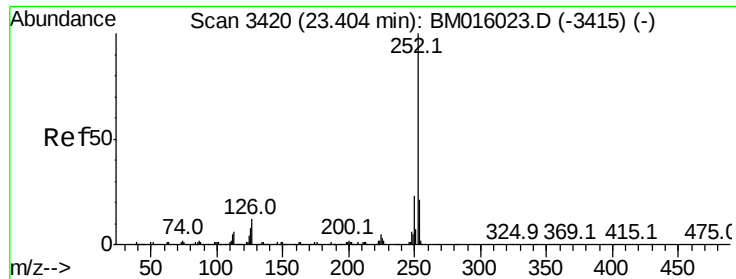
Delta R.T. 0.00 min

Lab File: BM016260.D

Acq: 08 Aug 2018 21:22

Tgt Ion:	252	Resp:	73192
Ion Ratio	Lower	Upper	
252	100		
253	24.9	18.0	27.0
125	12.4	9.9	14.9





#88

Benzo(k)fluoranthene

Concen: 2.866 ng/mL

RT: 23.31 min Scan# 3405

Delta R.T. 0.00 min

Lab File: BM016260.D

Acq: 08 Aug 2018 21:22

Instrument :

BNA_M

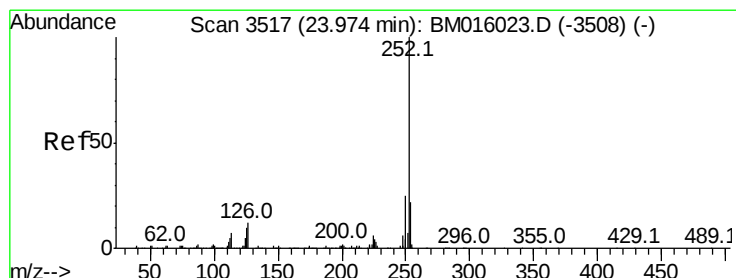
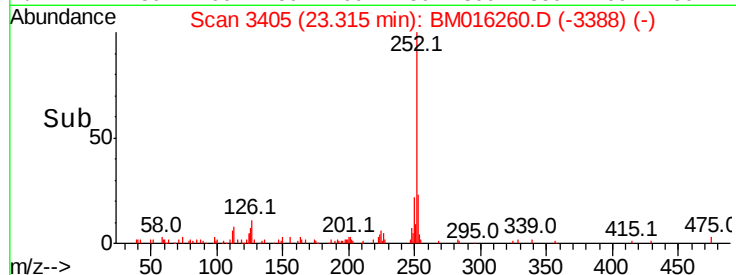
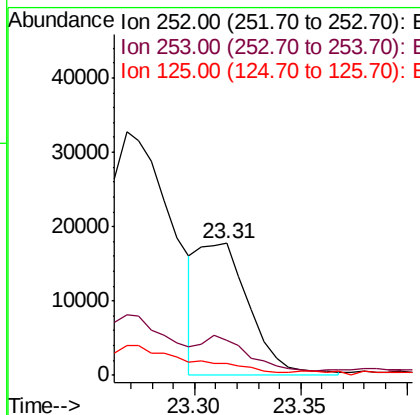
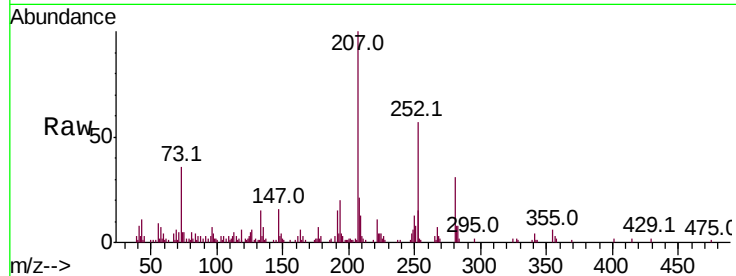
ClientSampled :

C-9

Tot Ion:	252	Resp:	29951
Ion Ratio	Lower	Upper	
252	100		
253	26.4	17.2	25.8#
125	9.0	8.1	12.1

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#89

Benzo(a)pyrene

Concen: 5.494 ng/mL

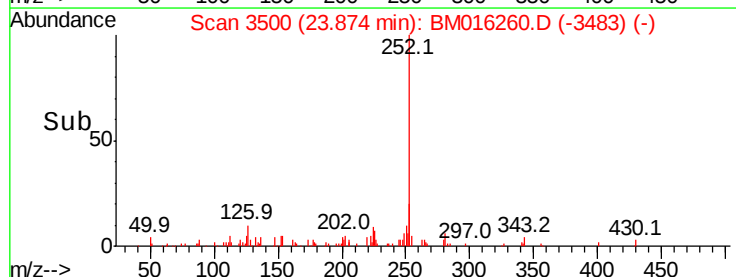
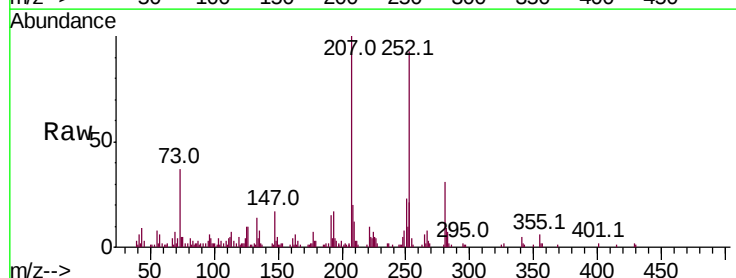
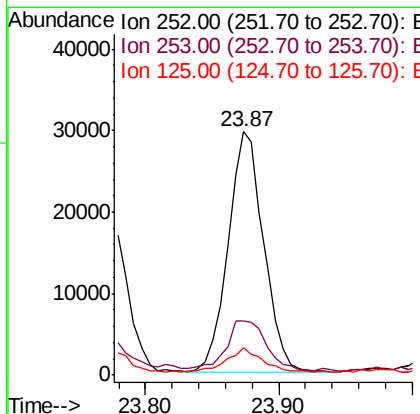
RT: 23.87 min Scan# 3500

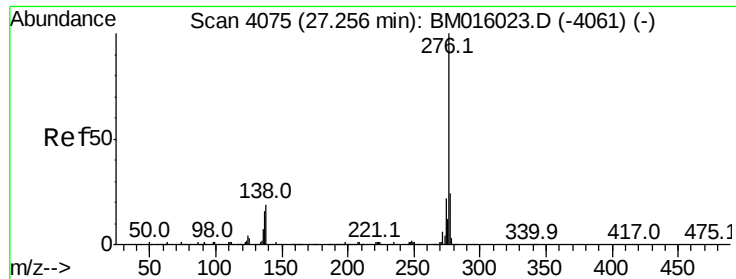
Delta R.T. 0.00 min

Lab File: BM016260.D

Acq: 08 Aug 2018 21:22

Tgt Ion:	252	Resp:	54463
Ion Ratio	Lower	Upper	
252	100		
253	22.3	17.6	26.4
125	11.0	7.4	11.2





#91
 Benzo(a,h,i)perylene
 Concen: 3.949 ng
 RT: 27.10 min Scan# 4049
 Delta R.T. 0.01 min
 Lab File: BM016260.D
 Acq: 08 Aug 2018 21:22

Instrument :
 BNA_M
 ClientSampleId :
 C-9

Tot Ion	Ratio	Lower	Upper
276	100		
277	22.4	18.5	27.7
138	18.9	19.0	28.6

Manual Integrations
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