

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080818\
 Data File : BM016252.D
 Acq On : 08 Aug 2018 16:28
 Operator : SJ/JU
 Sample : J4283-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 TR-04-080318

Manual Integrations
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Sohil
 8/9/2018 4:36:12 PM

Quant Time: Aug 09 13:55:27 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	43214	20.00	ng	0.00
21) Naphthalene-d8	10.95	136	162783	20.00	ng	0.00
38) Acenaphthene-d10	14.77	164	83960	20.00	ng	0.00
63) Phenanthrene-d10	17.50	188	178380	20.00	ng	0.00
75) Chrysene-d12	21.64	240	203799	20.00	ng	0.00
86) Perylene-d12	23.97	264	231042	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	214170	82.33	ng	0.00
7) Phenol-d6	7.30	99	261118	76.86	ng	0.00
23) Nitrobenzene-d5	9.32	82	188811	53.95	ng	0.00
41) 2,4,6-Tribromophenol	16.26	330	80603	75.69	ng	0.00
44) 2-Fluorobiphenyl	13.39	172	336962	48.83	ng	0.00
78) Terphenyl-d14	20.09	244	499878	51.34	ng	0.00
Target Compounds						
49) Dimethylphthalate	14.22	163	35841	4.878	ng	Qvalue # 98
74) Fluoranthene	19.54	202	32800	2.944	ng	97
77) Pyrene	19.90	202	45919	3.760	ng	97
82) Chrysene	21.67	228	25887m	2.150	ng	
87) Benzo(b)fluoranthene	23.27	252	39882	2.932	ng	95
89) Benzo(a)pyrene	23.88	252	31559	2.413	ng	# 86
91) Benzo(g,h,i)perylene	27.11	276	26171m	2.042	ng	

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

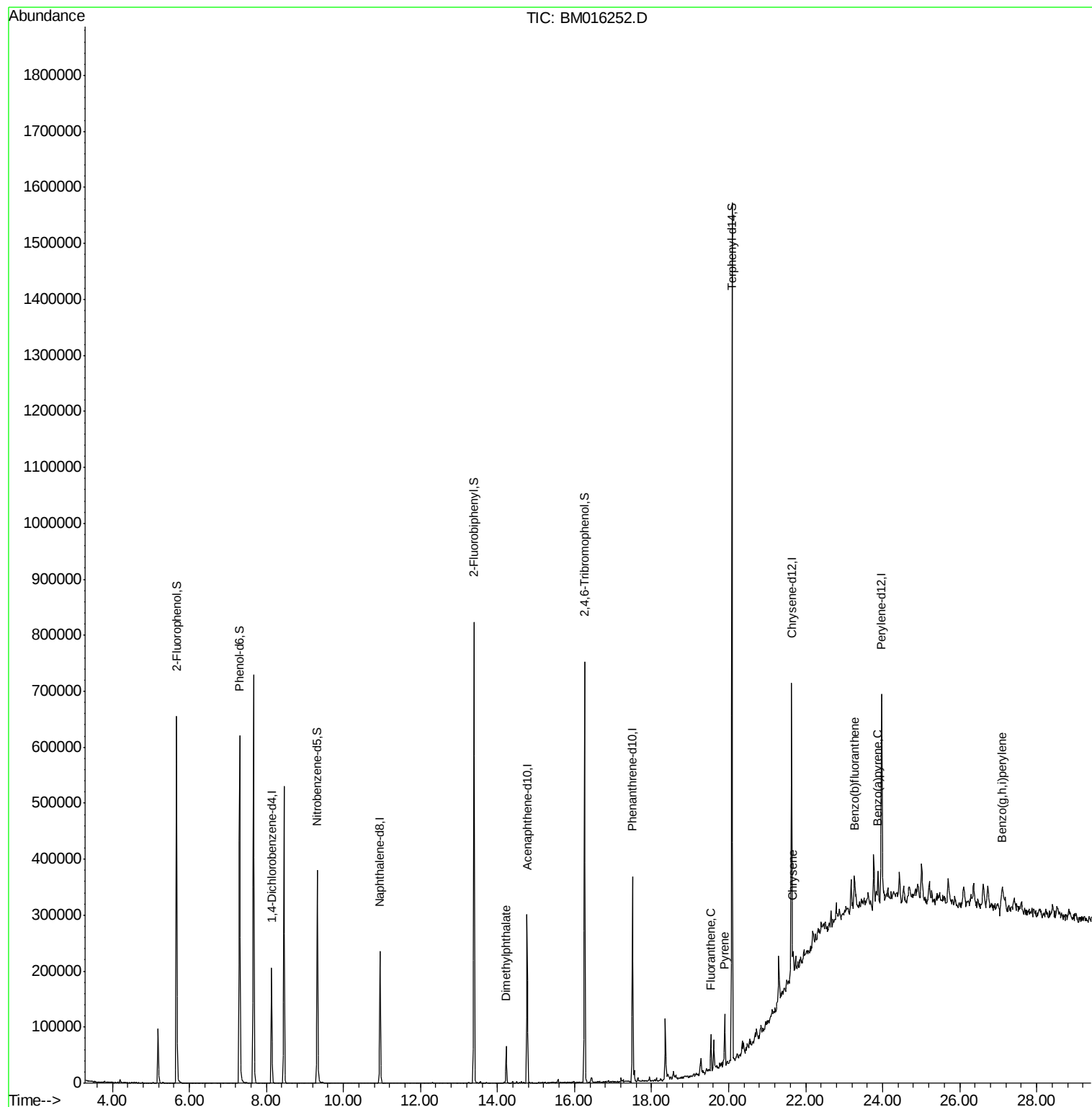
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080818\
Data File : BM016252.D
Acq On : 08 Aug 2018 16:28
Operator : SJ/JU
Sample : J4283-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

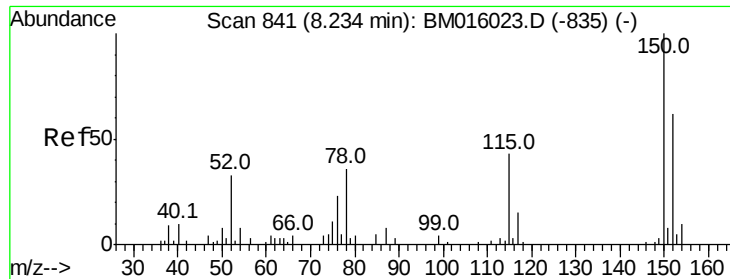
Instrument :
BNA_M
ClientSampled :
TR-04-080318

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Quant Time: Aug 09 13:55:27 2018
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

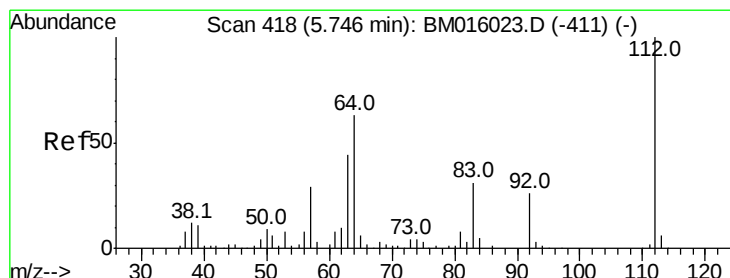
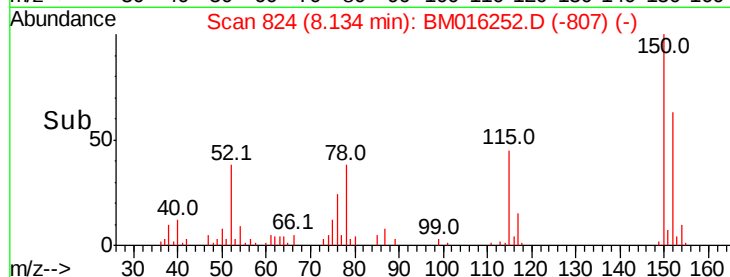
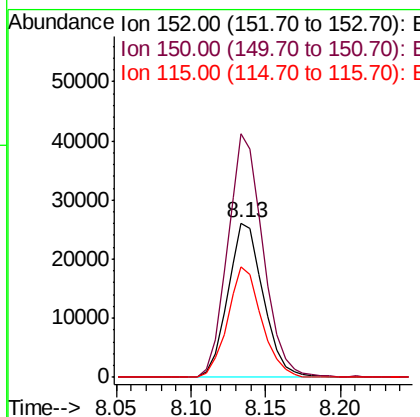
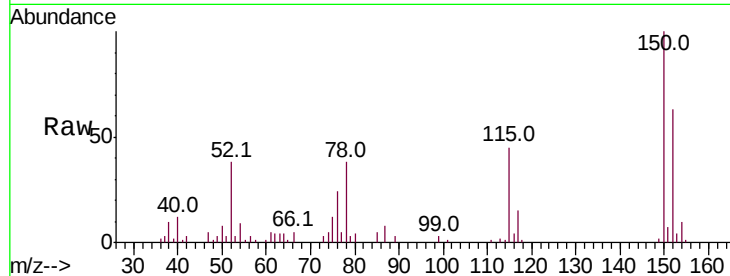
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.13 min Scan# 824
 Delta R.T. 0.00 min
 Lab File: BM016252.D
 Acq: 08 Aug 2018 16:28

Instrument :
 BNA_M
 ClientSampled :
 TR-04-080318

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.7	119.5	179.3
115	71.3	43.0	64.4

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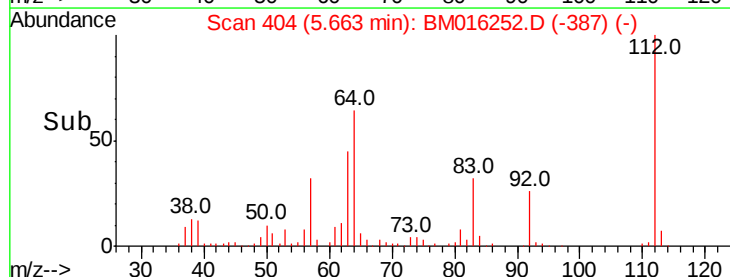
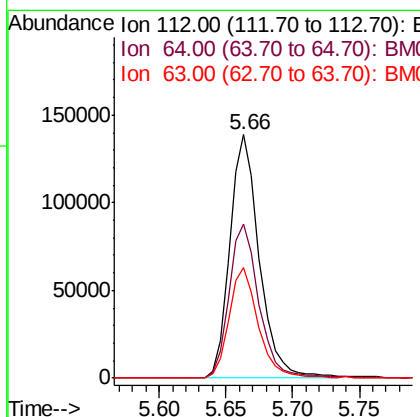
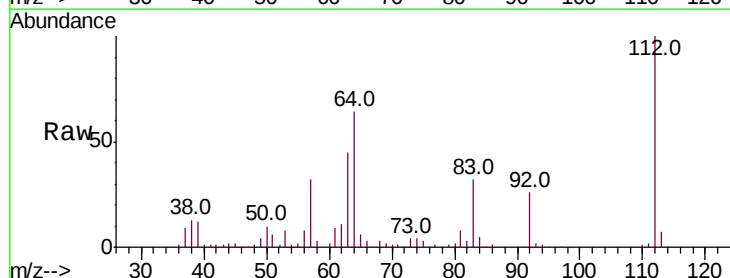
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#5

2-Fluorophenol
 Concen: Below ng
 RT: 5.66 min Scan# 404
 Delta R.T. 0.00 min
 Lab File: BM016252.D
 Acq: 08 Aug 2018 16:28

Tgt Ion	Ratio	Lower	Upper
112	100		
64	63.5	38.6	57.8
63	45.3	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: BM016252.D

Acq: 08 Aug 2018 16:28

Instrument :

BNA_M

ClientSampleId :

TR-04-080318

Tot Ion: 99 Resp: 261118

Ion Ratio Lower Upper

99 100

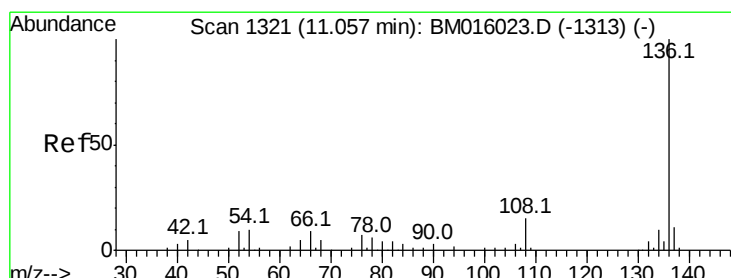
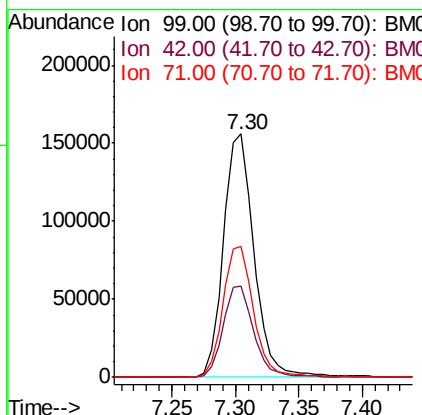
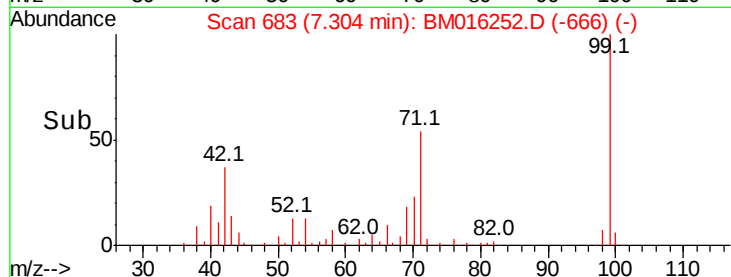
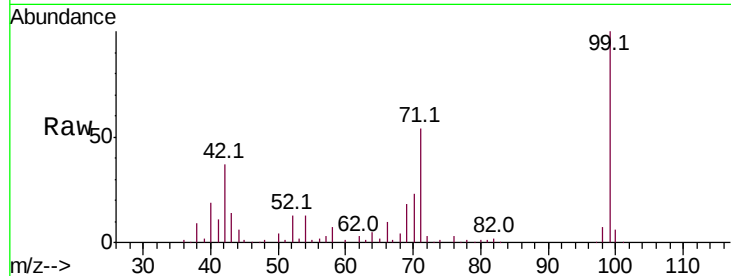
42 37.4 11.0 16.4#

71 53.8 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: BM016252.D

Acq: 08 Aug 2018 16:28

Tgt Ion: 136 Resp: 162783

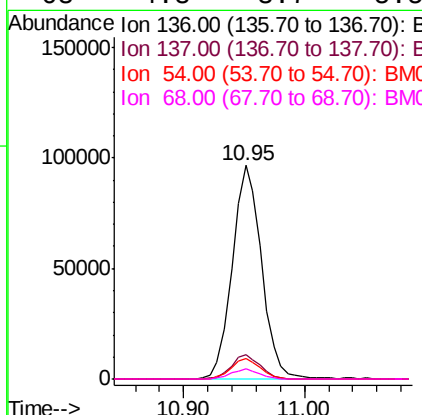
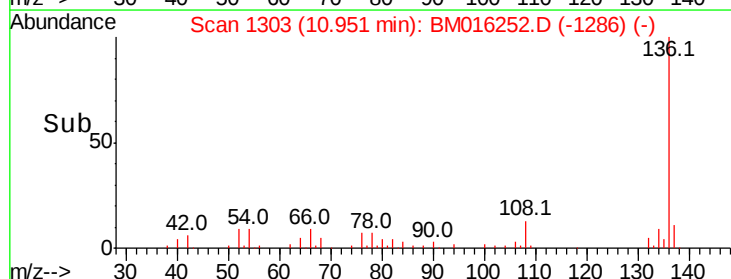
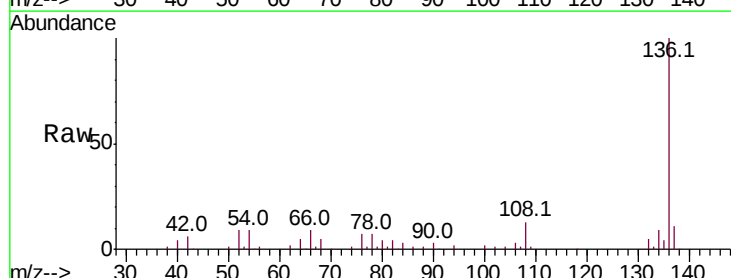
Ion Ratio Lower Upper

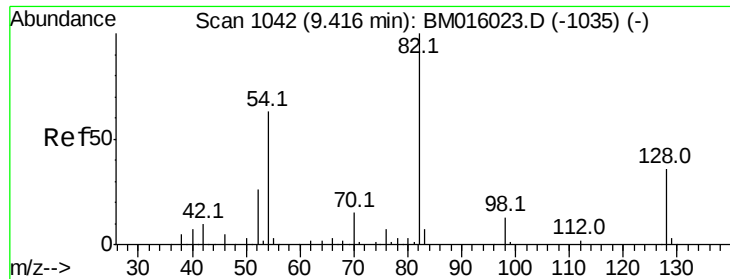
136 100

137 11.3 8.7 13.1

54 9.4 4.6 6.8#

68 4.8 3.7 5.5





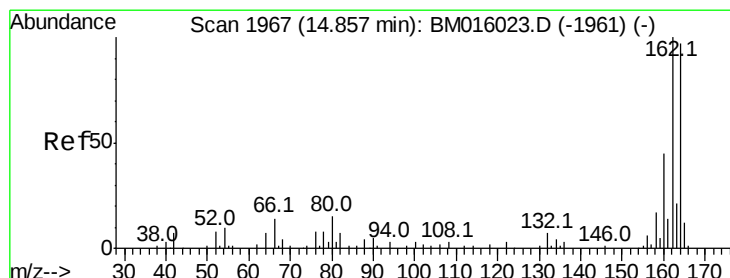
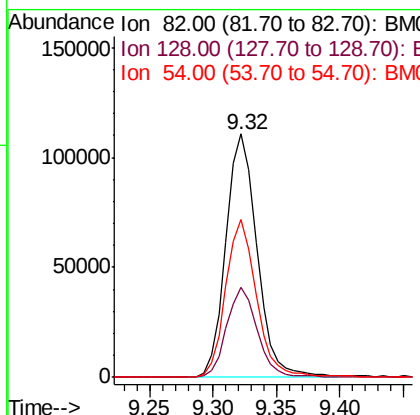
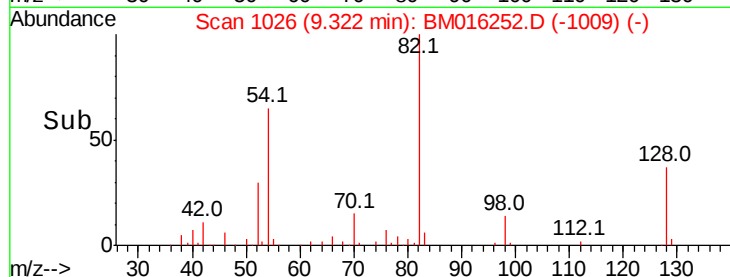
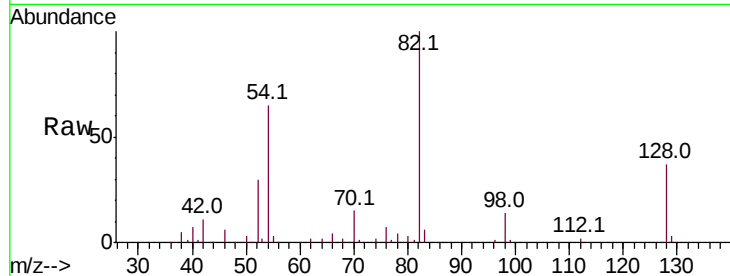
#23
Nitrobenzene-d5
Concen: N.D. ng
RT: 9.32 min Scan# 1026
Delta R.T. 0.00 min
Lab File: BM016252.D
Acq: 08 Aug 2018 16:28

Instrument :
BNA_M
ClientSampleId :
TR-04-080318

Tot Ion	Ratio	Resp	Lower	Upper
82	100	188811		
128	37.2	32.8	49.2	
54	64.6	40.6	60.8	

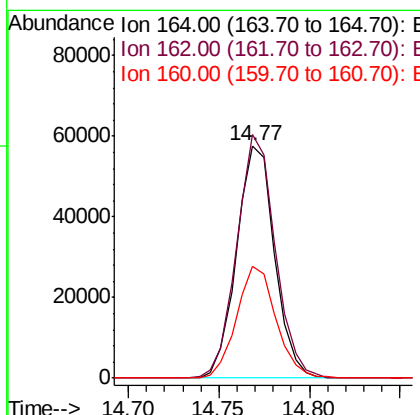
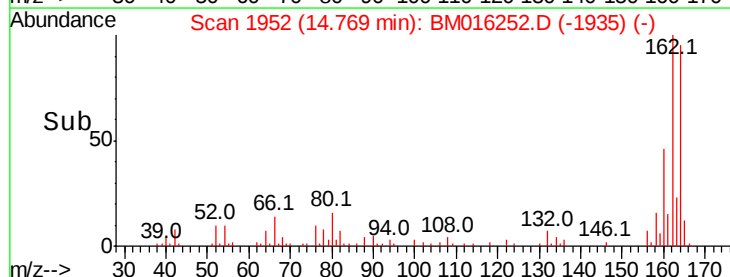
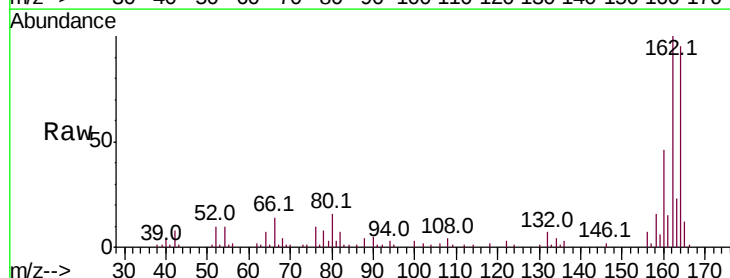
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.77 min Scan# 1952
Delta R.T. 0.00 min
Lab File: BM016252.D
Acq: 08 Aug 2018 16:28

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	83960		
162	104.8	82.4	123.6	
160	47.9	35.8	53.6	





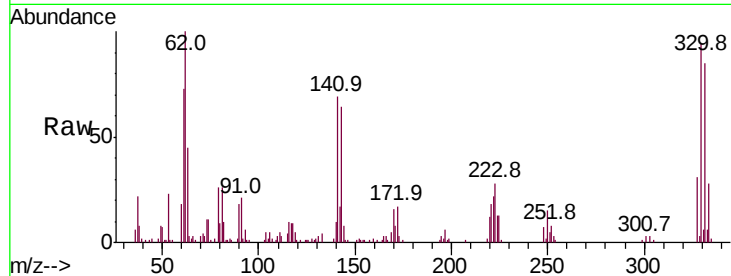
#41
 2,4,6-Tribromophenol
 Concen: N.D. ng
 RT: 16.26 min Scan# 2205
 Delta R.T. -0.01 min
 Lab File: BM016252.D
 Acq: 08 Aug 2018 16:28

Instrument :
 BNA_M
 ClientSampleId :
 TR-04-080318

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	95.3	0.0	0.0	0.0
141	73.4	0.0	0.0	0.0

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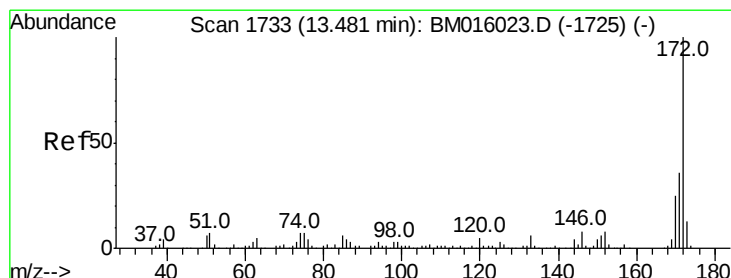
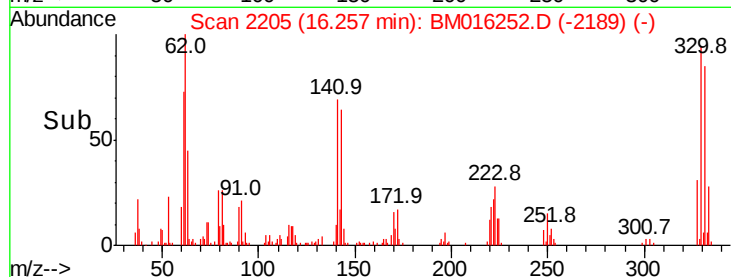
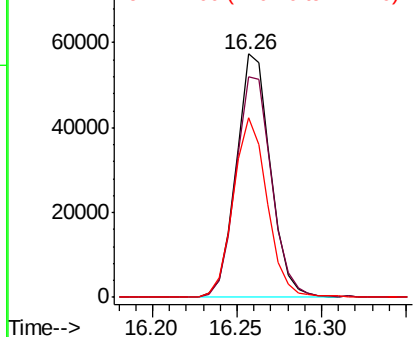


Abundance

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: BM016252.D
 Acq: 08 Aug 2018 16:28

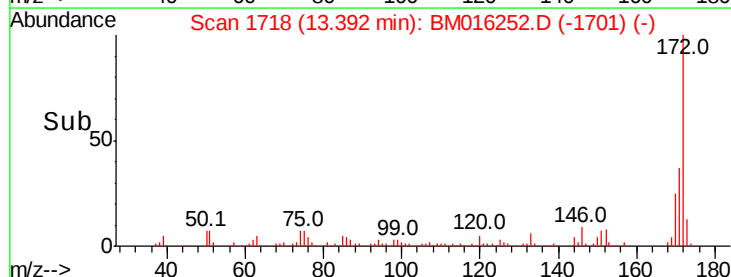
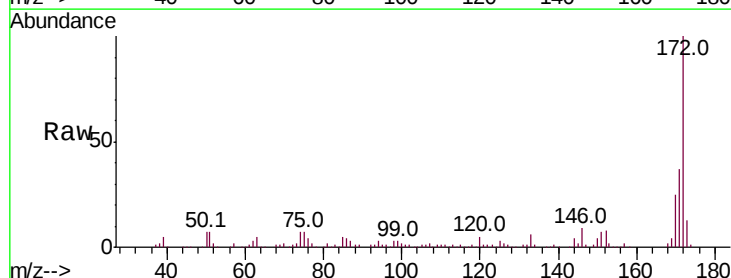
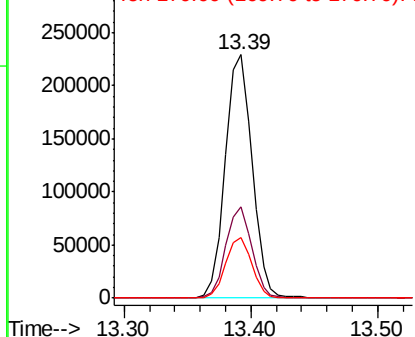
Tgt Ion	Ratio	Resp	Lower	Upper
172	100			
171	37.5	28.5	42.7	
170	25.0	18.8	28.2	

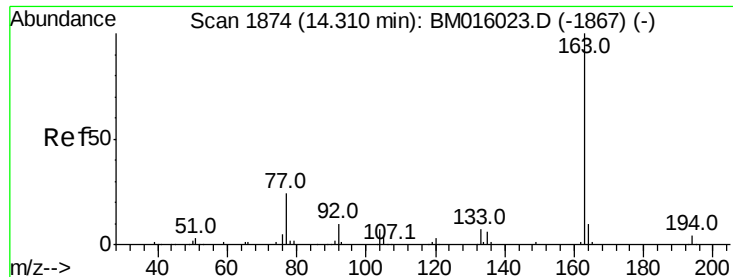
Abundance

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





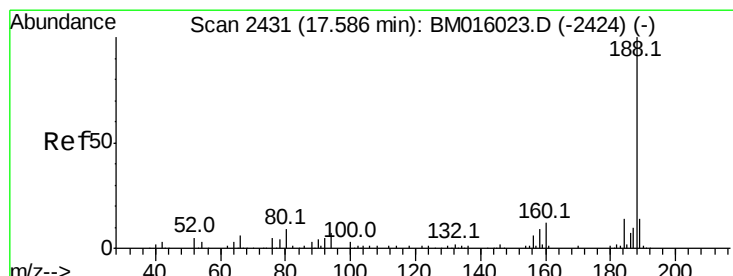
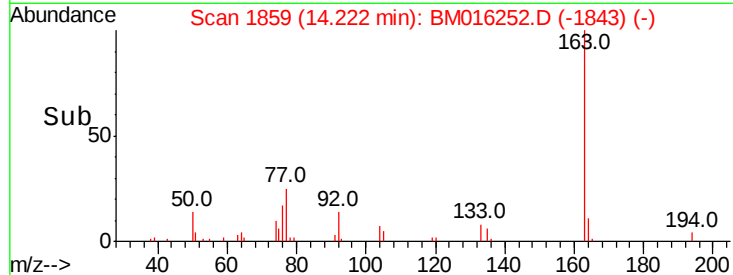
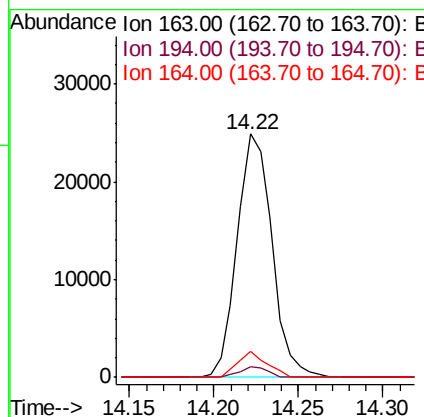
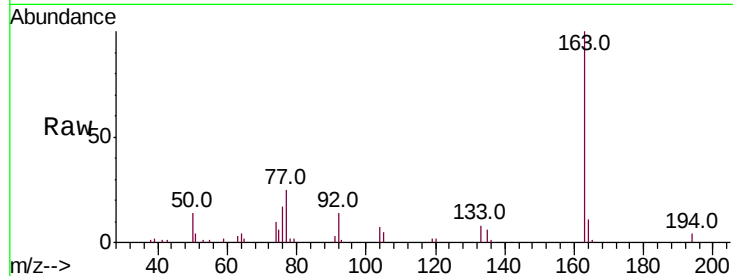
#49
Dimethylphthalate
Concen: 4.878 ng
RT: 14.22 min Scan# 1859
Delta R.T. -0.01 min
Lab File: BM016252.D
Acq: 08 Aug 2018 16:28

Instrument :
BNA_M
ClientSampleId :
TR-04-080318

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.3	2.7	4.1#
164	10.8	8.2	12.2

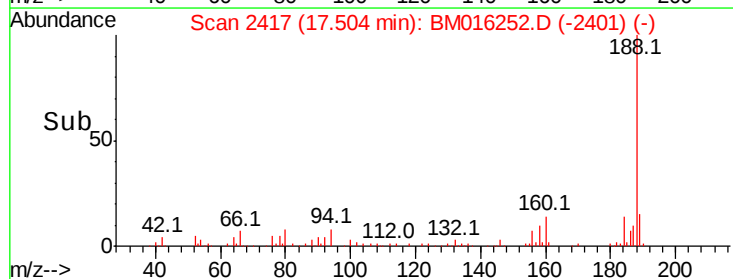
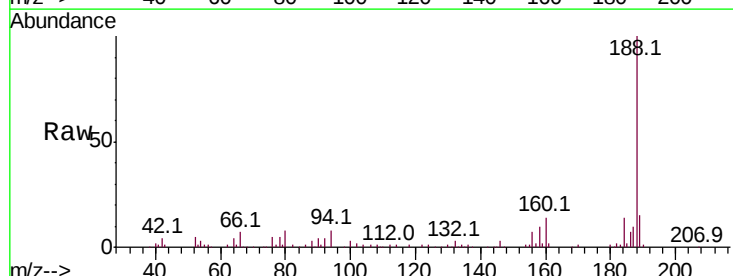
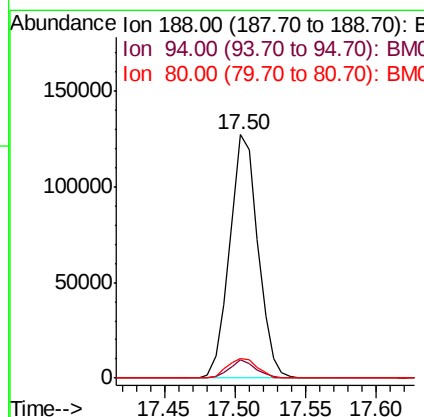
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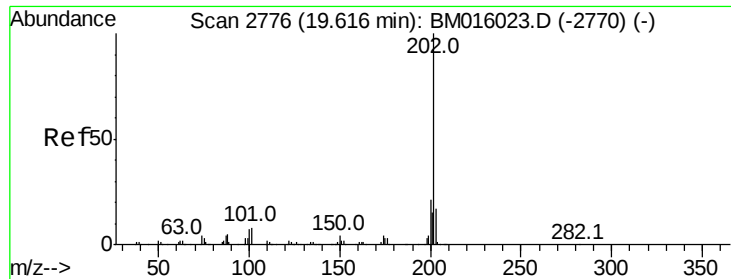
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#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.50 min Scan# 2417
Delta R.T. -0.01 min
Lab File: BM016252.D
Acq: 08 Aug 2018 16:28

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.7	8.7	13.1#
80	7.8	9.3	13.9#





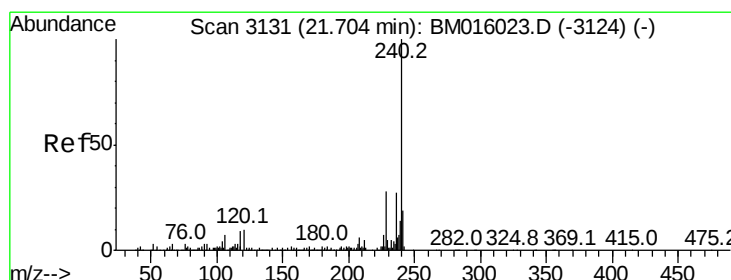
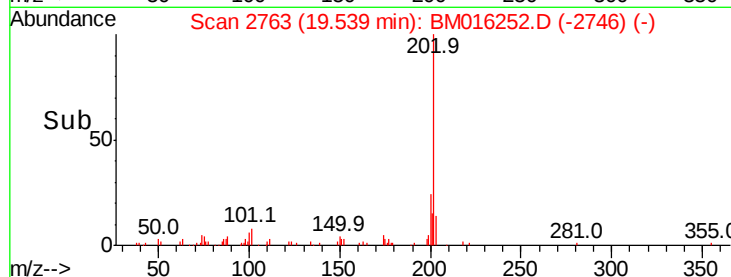
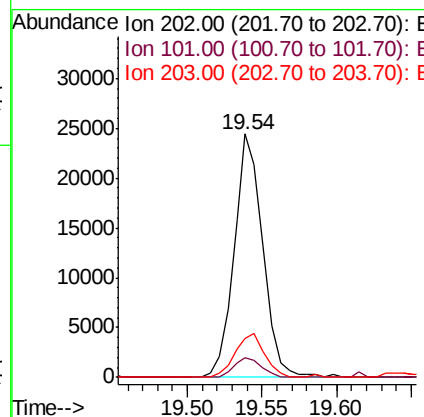
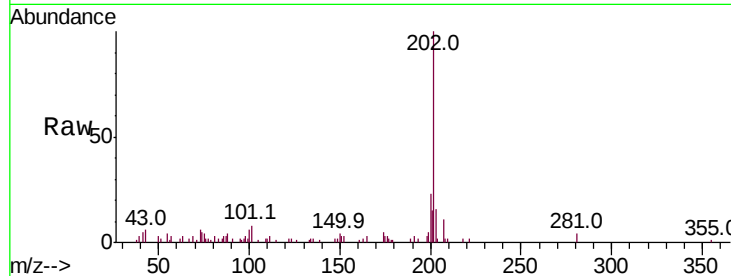
#74
Fluoranthene
Concen: 2.944 ng
RT: 19.54 min Scan# 2763
Delta R.T. 0.00 min
Lab File: BM016252.D
Acq: 08 Aug 2018 16:28

Instrument :
BNA_M
ClientSampleId :
TR-04-080318

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	8.1	0.0	28.7
203	15.7	0.0	37.2

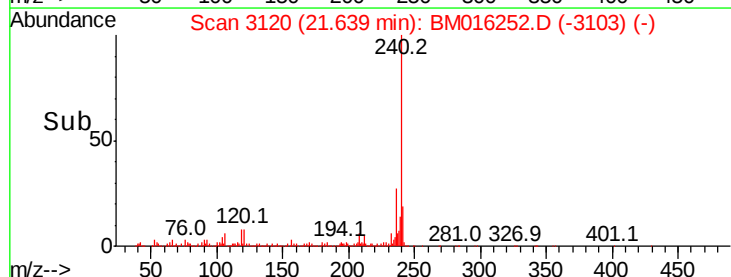
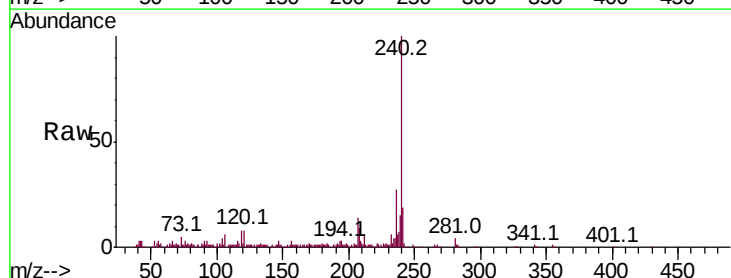
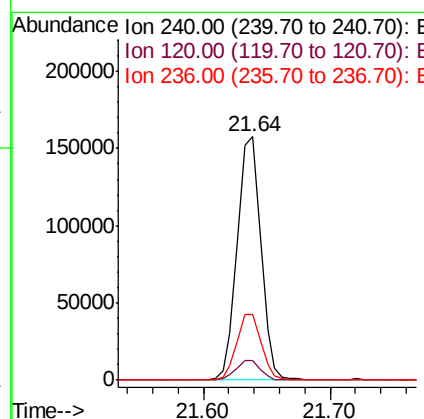
Manual Integrations
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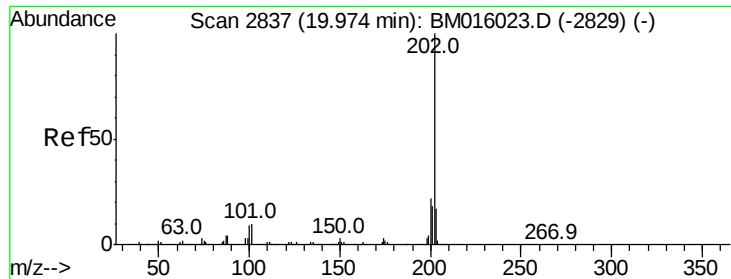
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#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.64 min Scan# 3120
Delta R.T. 0.00 min
Lab File: BM016252.D
Acq: 08 Aug 2018 16:28

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	8.0	8.2	12.2#
236	27.1	20.0	30.0





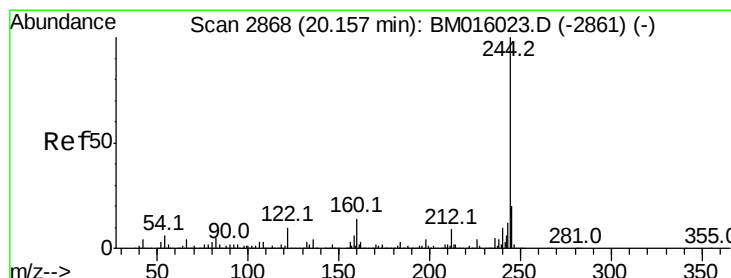
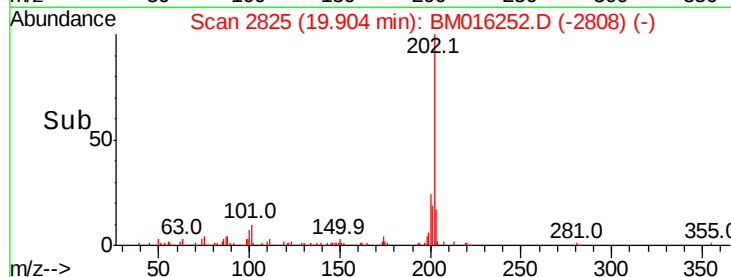
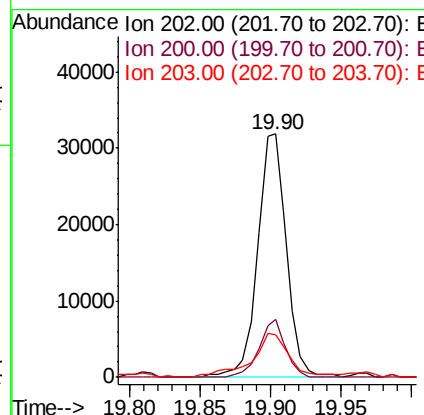
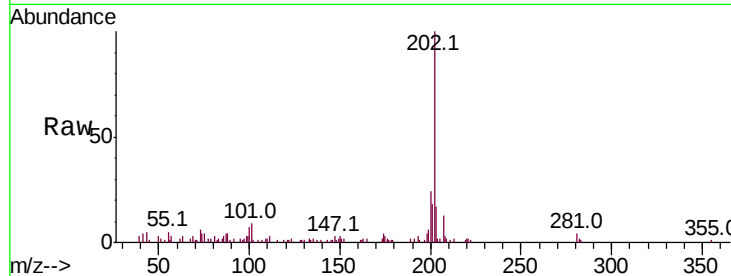
#77
Pvrene
Concen: 3.760 ng
RT: 19.90 min Scan# 2825
Delta R.T. 0.00 min
Lab File: BM016252.D
Acq: 08 Aug 2018 16:28

Instrument :
BNA_M
ClientSampleId :
TR-04-080318

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	23.9	16.9	25.3
203	17.5	14.1	21.1

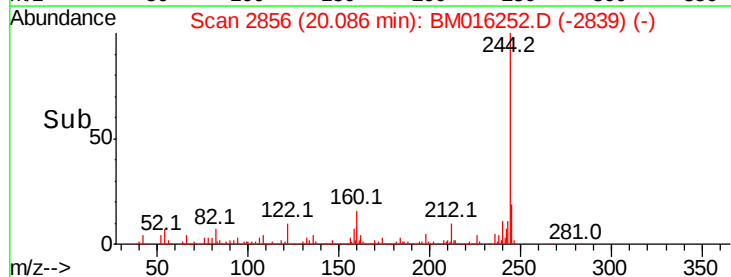
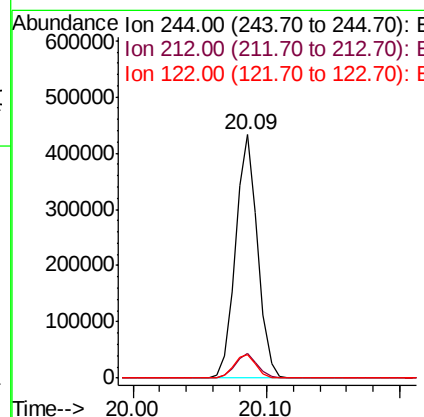
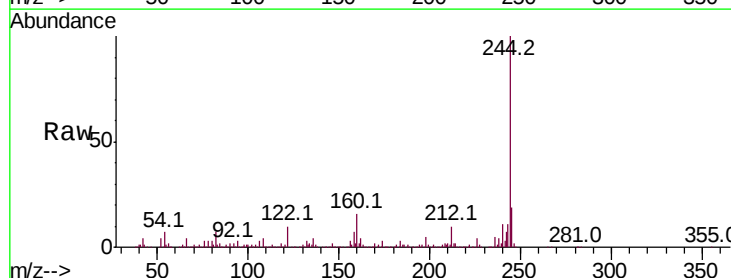
Manual Integrations
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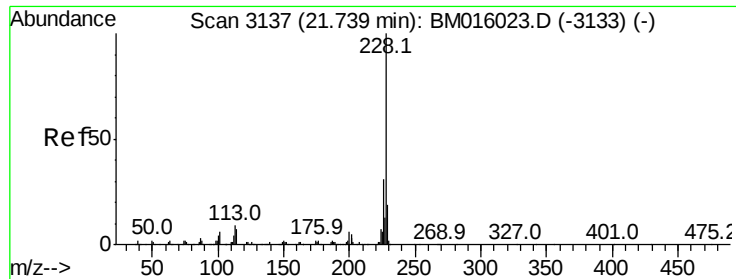
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#78
Terphenyl-d14
Concen: 3.760 ng
RT: 20.09 min Scan# 2856
Delta R.T. 0.00 min
Lab File: BM016252.D
Acq: 08 Aug 2018 16:28

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	10.4	4.9	7.3#
122	9.8	6.2	9.4#





#82

Chrysene

Concen: 2.150 ng/mL

RT: 21.67 min Scan# 3126

Delta R.T. 0.00 min

Lab File: BM016252.D

Acq: 08 Aug 2018 16:28

Instrument :

BNA_M

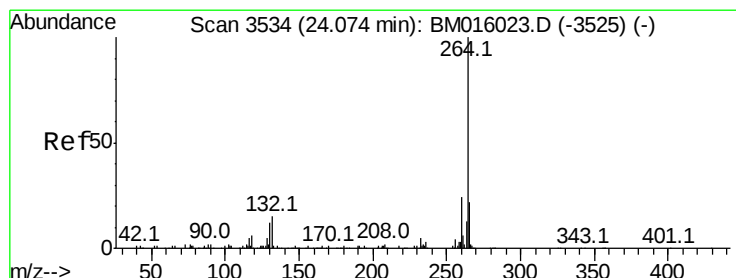
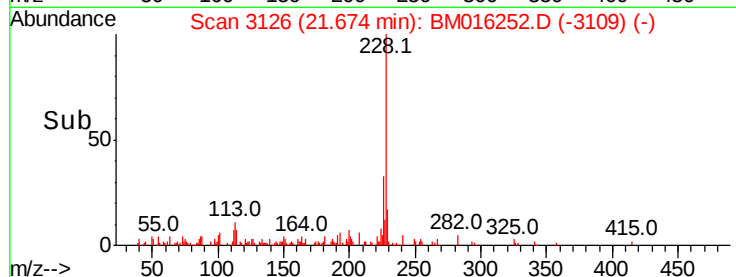
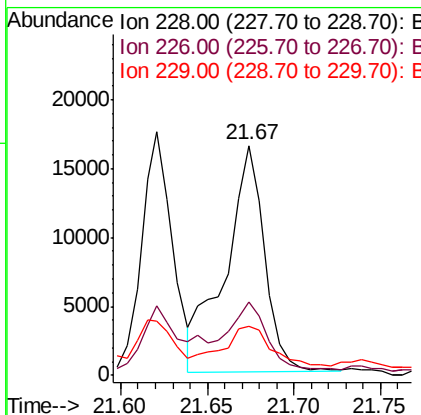
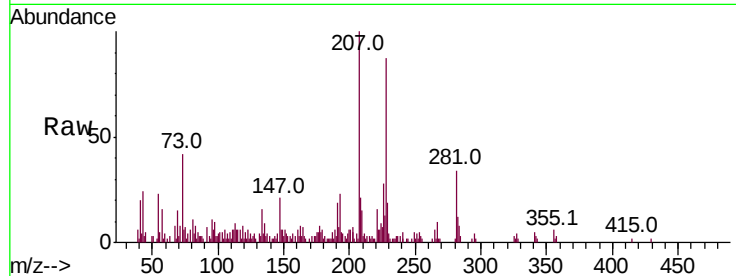
ClientSampleId :

TR-04-080318

Tot Ion:	228	Resp:	25887
Ion Ratio	Lower	Upper	
228	100		
226	32.2	24.1	36.1
229	21.5	15.5	23.3

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#86

Perylene-d12

Concen: 20.000 ng/mL

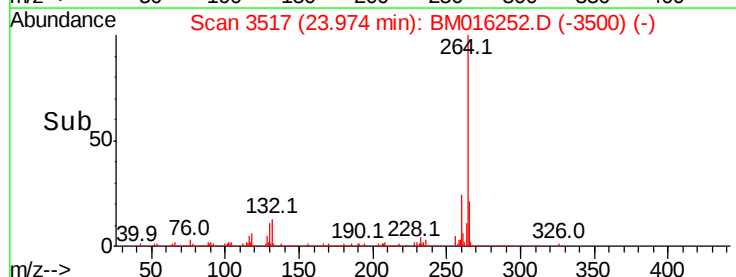
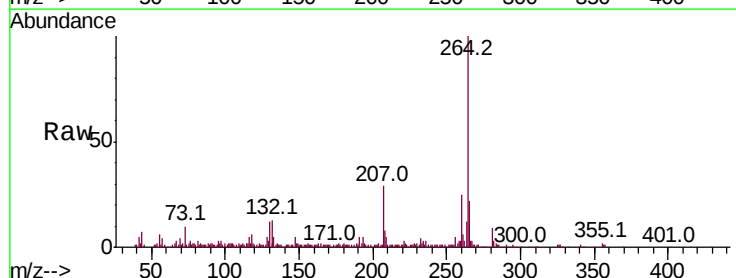
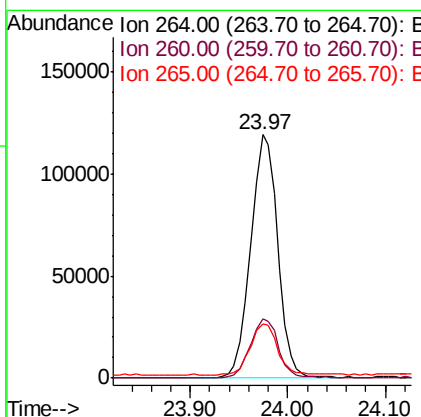
RT: 23.97 min Scan# 3517

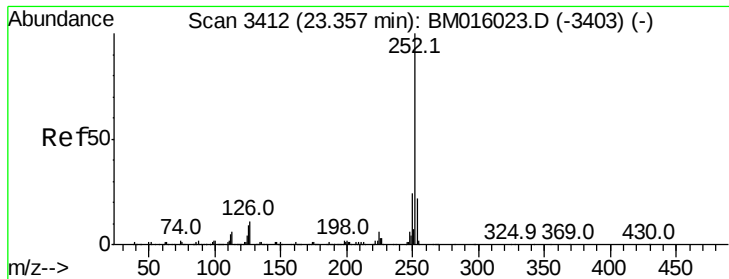
Delta R.T. 0.00 min

Lab File: BM016252.D

Acq: 08 Aug 2018 16:28

Tgt Ion:	264	Resp:	231042
Ion Ratio	Lower	Upper	
264	100		
260	24.6	18.6	27.8
265	22.0	17.3	25.9





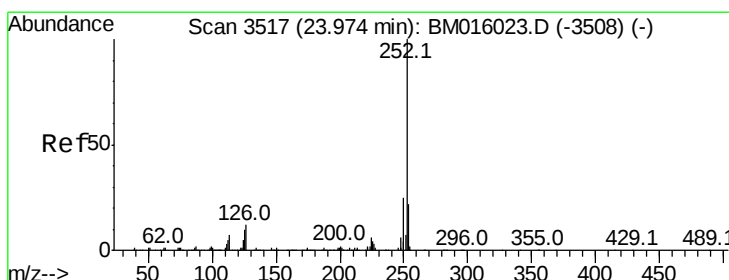
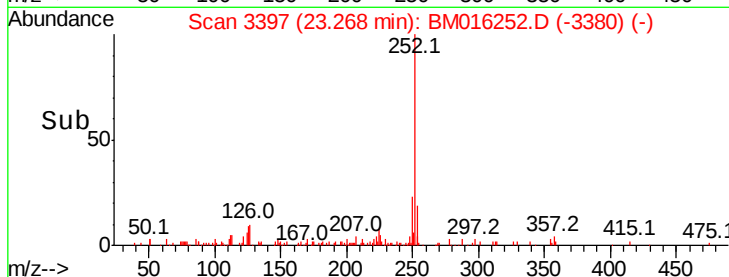
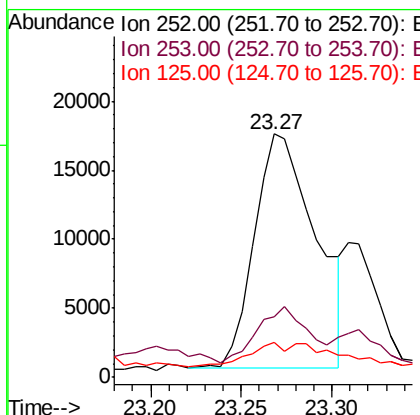
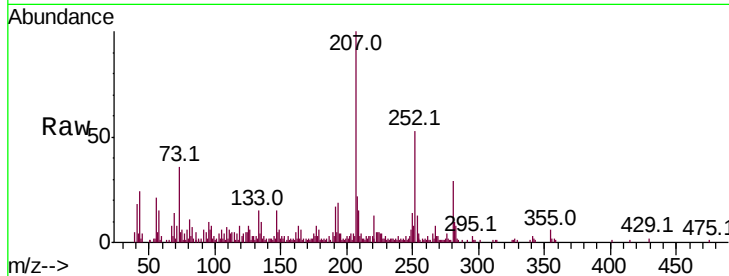
#87
Benzo(b)fluoranthene
Concen: 2.932 ng
RT: 23.27 min Scan# 3397
Delta R.T. 0.00 min
Lab File: BM016252.D
Acq: 08 Aug 2018 16:28

Instrument :
BNA_M
ClientSampleId :
TR-04-080318

Tot Ion	Ratio	Resp	Lower	Upper
252	100	39882		
253	25.0	18.0	27.0	
125	14.3	9.9	14.9	

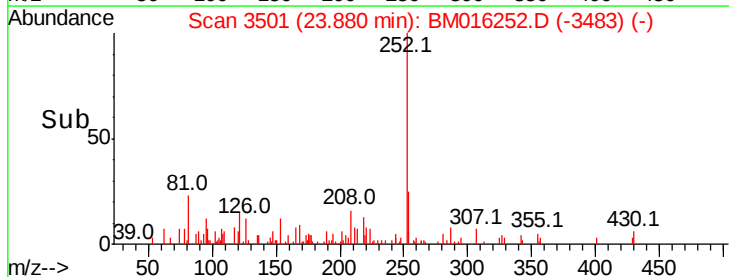
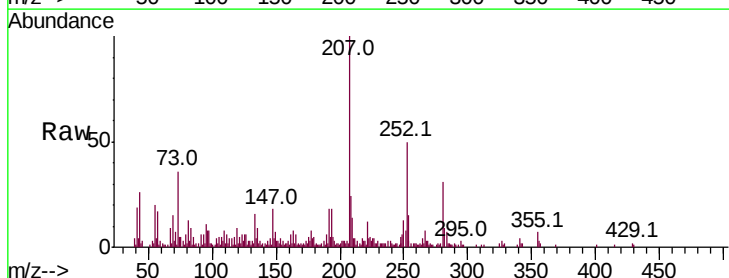
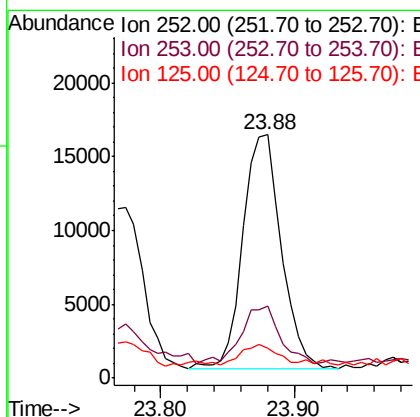
Manual Integrations
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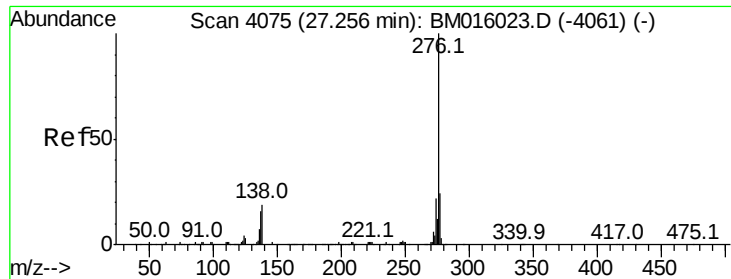
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#89
Benzo(a)pyrene
Concen: 2.413 ng
RT: 23.88 min Scan# 3501
Delta R.T. 0.01 min
Lab File: BM016252.D
Acq: 08 Aug 2018 16:28

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	31559		
253	29.6	17.6	26.4#	
125	12.5	7.4	11.2#	





#91
 Benzo(a,h,i)perylene
 Concen: 2.042 ng/ml
 RT: 27.11 min Scan# 4050
 Delta R.T. 0.01 min
 Lab File: BM016252.D
 Acq: 08 Aug 2018 16:28

Instrument :
 BNA_M
 ClientSampleId :
 TR-04-080318

Tot Ion	Ratio	Lower	Upper
276	100		
277	27.2	18.5	27.7
138	16.5	19.0	28.6

Manual Integrations
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