

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM031519\
 Data File : BM019189.D
 Acq On : 15 Mar 2019 16:50
 Operator : JU/SJ
 Sample : K1908-03 10X
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 101-102

Manual Integrations
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Quant Time: Mar 16 02:30:19 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM031119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 11 17:30:46 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	199772	20.00	ng	-0.01
21) Naphthalene-d8	10.44	136	934990	20.00	ng	-0.01
39) Acenaphthene-d10	14.31	164	562784	20.00	ng	-0.01
64) Phenanthrene-d10	17.06	188	1243003	20.00	ng	-0.01
76) Chrysene-d12	21.26	240	1159041	20.00	ng	-0.01
87) Perylene-d12	23.50	264	1032755	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	147719	11.98	ng	0.00
7) Phenol-d6	6.83	99	220314	12.21	ng	-0.01
23) Nitrobenzene-d5	8.83	82	127746	6.46	ng	0.00
42) 2,4,6-Tribromophenol	15.82	330	81645	9.83	ng	0.00
45) 2-Fluorobiphenyl	12.92	172	293239	6.78	ng	-0.01
79) Terphenyl-d14	19.70	244	427835	7.33	ng	-0.01
Target Compounds						
71) Phenanthrene	17.10	178	482592	6.624	ng	100
75) Fluoranthene	19.13	202	811135	9.702	ng	99
78) Pyrene	19.49	202	747422	10.192	ng	100
81) Benzo(a)anthracene	21.24	228	339699	4.672	ng	98
83) Chrysene	21.30	228	301019	4.279	ng	97
88) Benzo(b)fluoranthene	22.83	252	361866m	5.407	ng	
90) Benzo(a)pyrene	23.40	252	245561	4.083	ng	94
92) Benzo(g,h,i)perylene	26.45	276	137267	2.599	ng	97

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

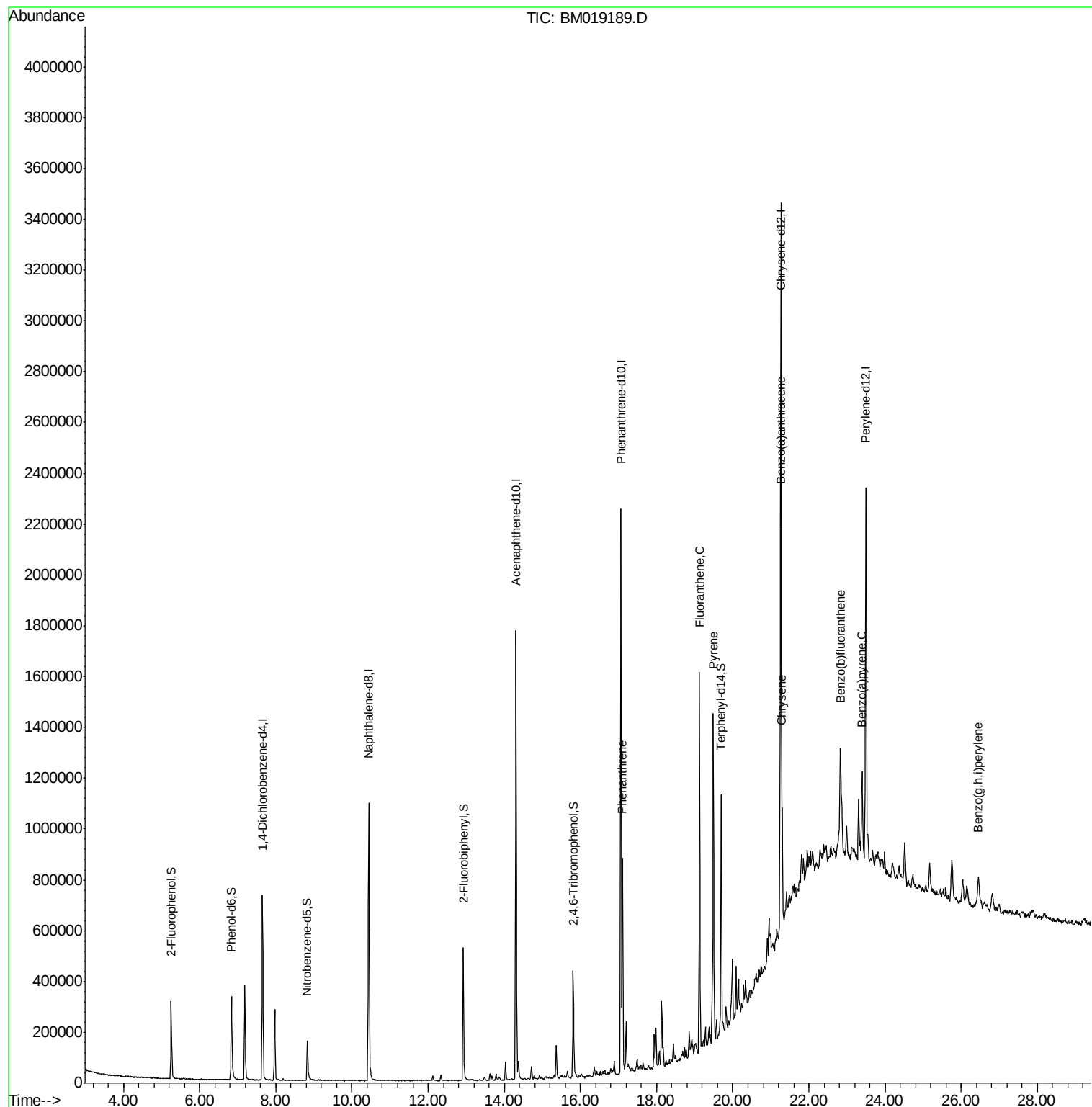
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM031519\
Data File : BM019189.D
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Sample : K1908-03 10X
Misc :
ALS Vial : 10 Sample Multiplier: 1

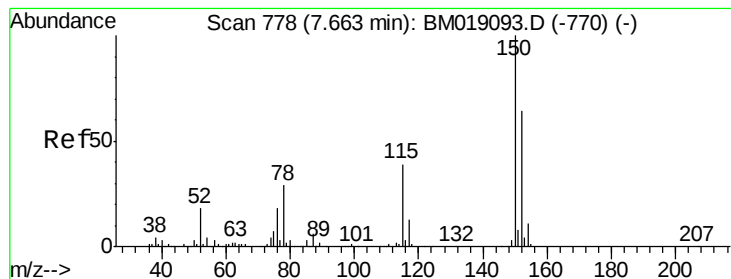
Instrument :
BNA_M
ClientSampleId :
101-102

Manual Integrations
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Quant Time: Mar 16 02:30:19 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM031119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration





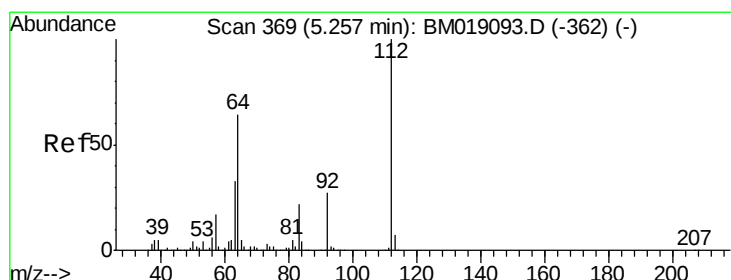
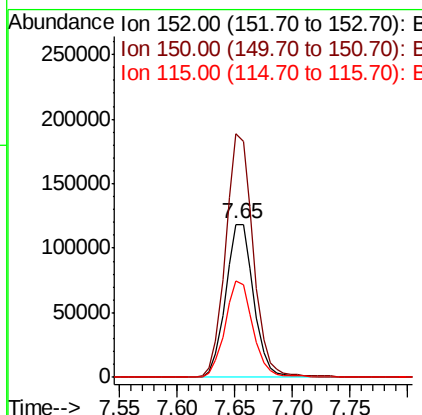
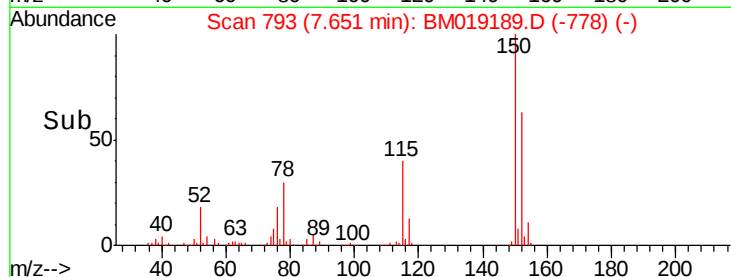
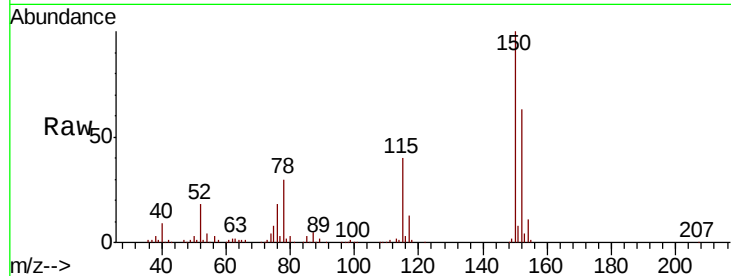
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.65 min Scan# 793
 Delta R.T. -0.01 min
 Lab File: BM019189.D
 Acq: 15 Mar 2019 16:50

Instrument :
 BNA_M
 ClientSampled :
 101-102

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.3	125.3	187.9
115	63.3	49.4	74.0

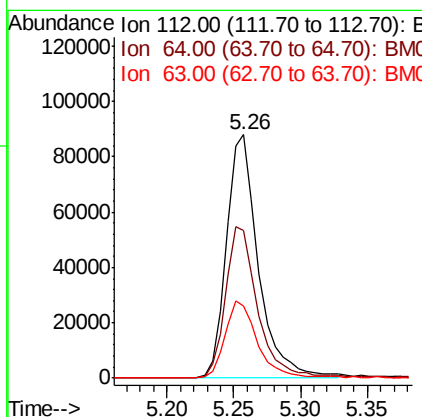
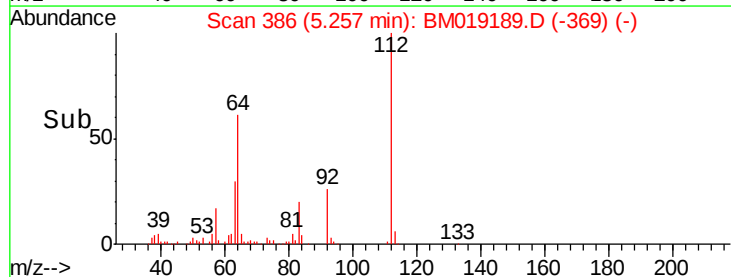
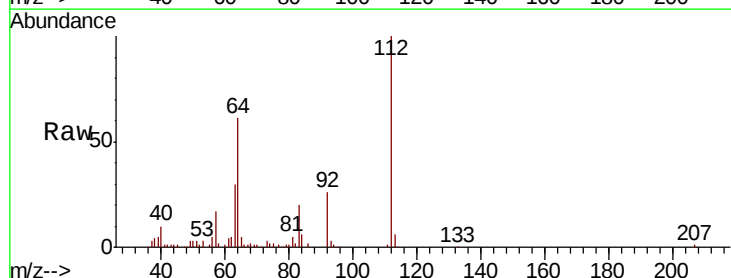
Manual Integrations
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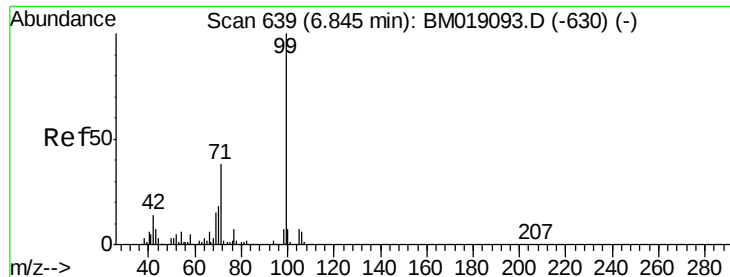
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#5
 2-Fluorophenol
 Concen: 11.975 ng
 RT: 5.26 min Scan# 386
 Delta R.T. 0.00 min
 Lab File: BM019189.D
 Acq: 15 Mar 2019 16:50

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.6	51.4	77.0
63	29.5	26.6	40.0





#7

Phenol-d6

Concen: 12.210 ng

RT: 6.83 min Scan# 654

Delta R.T. -0.01 min

Lab File: BM019189.D

Acq: 15 Mar 2019 16:50

Instrument :

BNA_M

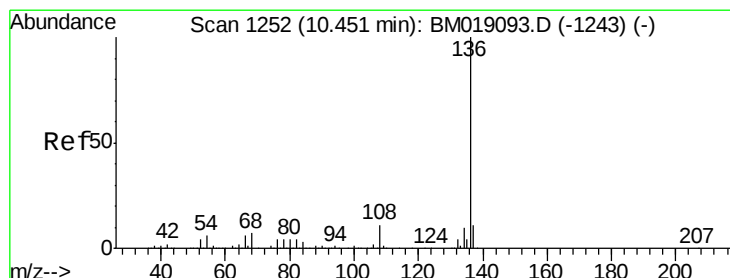
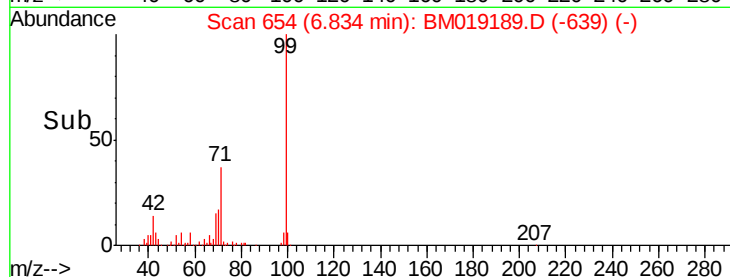
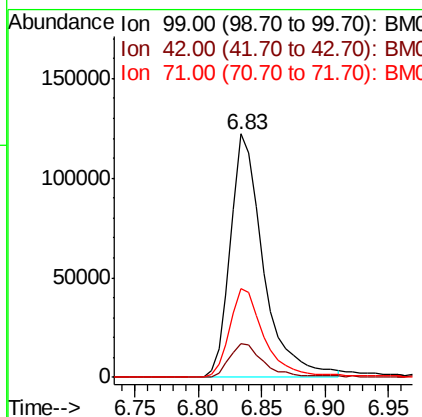
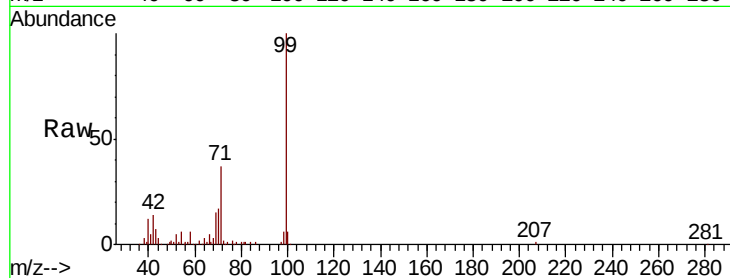
ClientSampleId :

101-102

Tot Ion:	99	Resp:	220314
Ion	Ratio	Lower	Upper
99	100		
42	13.7	10.9	16.3
71	36.7	30.3	45.5

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#21

Naphthalene-d8

Concen: 20.000 ng

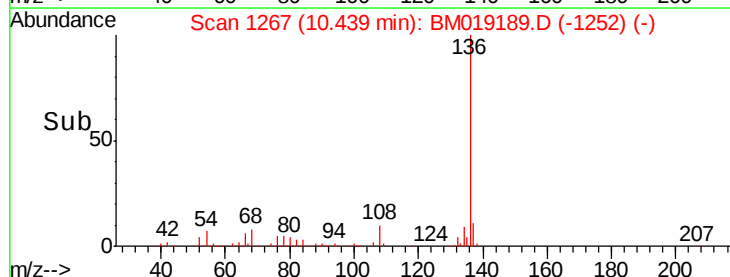
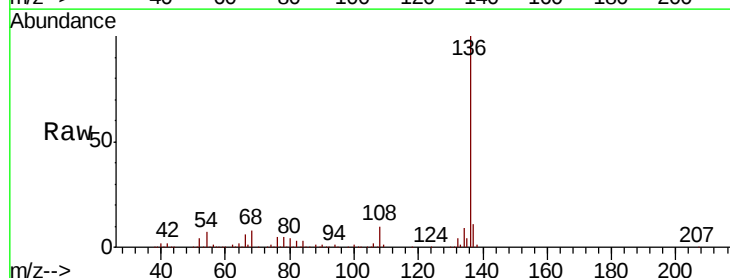
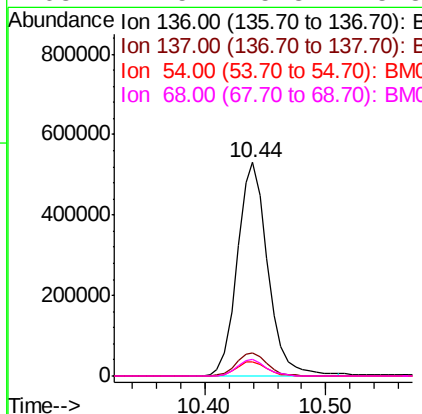
RT: 10.44 min Scan# 1267

Delta R.T. -0.01 min

Lab File: BM019189.D

Acq: 15 Mar 2019 16:50

Tgt Ion:	136	Resp:	934990
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.6	13.0
54	6.6	5.2	7.8
68	7.5	5.8	8.8





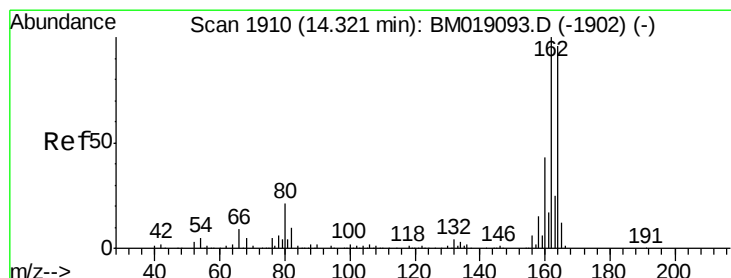
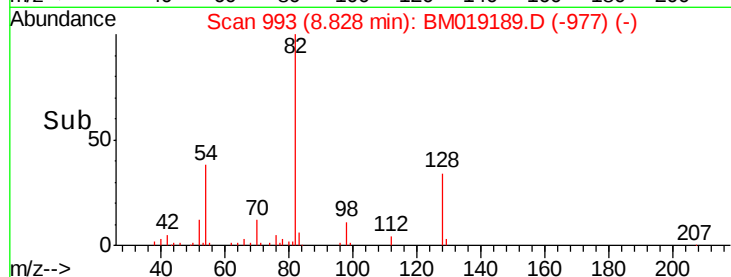
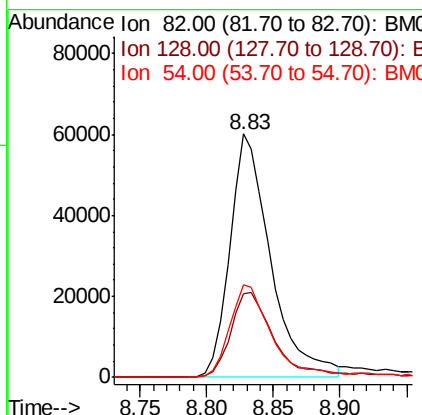
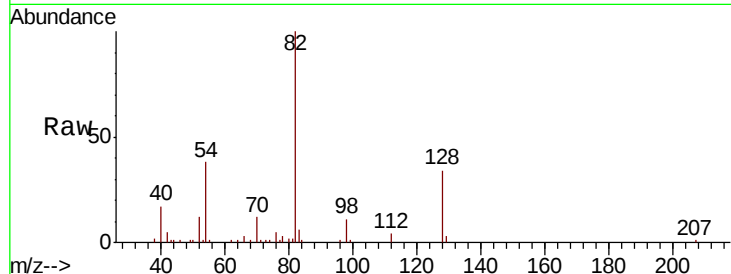
#23
Nitrobenzene-d5
Concen: 6.458 ng
RT: 8.83 min Scan# 993
Delta R.T. -0.01 min
Lab File: BM019189.D
Acq: 15 Mar 2019 16:50

Instrument :
BNA_M
ClientSampleId :
101-102

Tot Ion	Ratio	Lower	Upper
82	100		
128	34.2	29.4	44.2
54	37.9	29.9	44.9

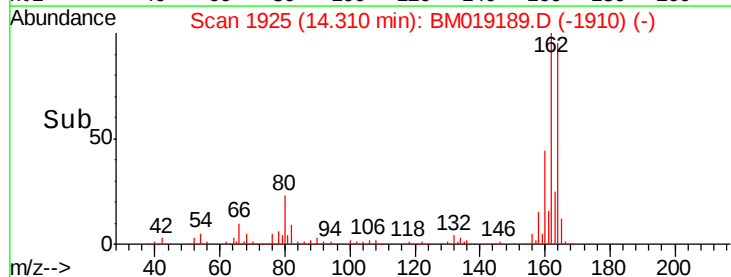
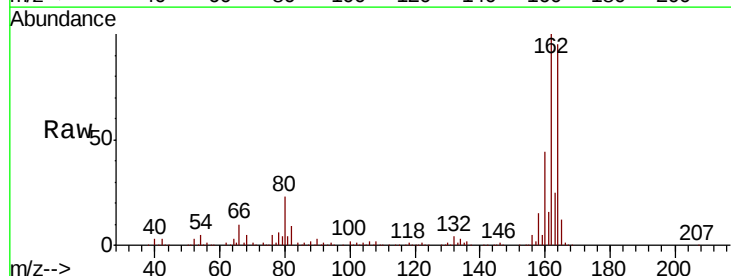
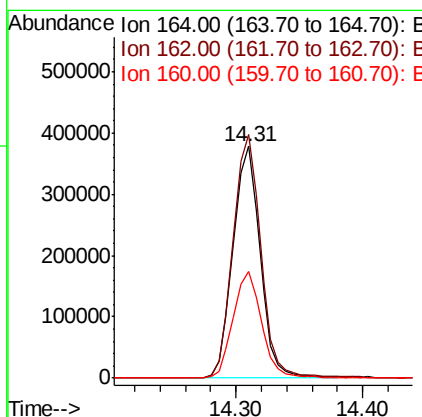
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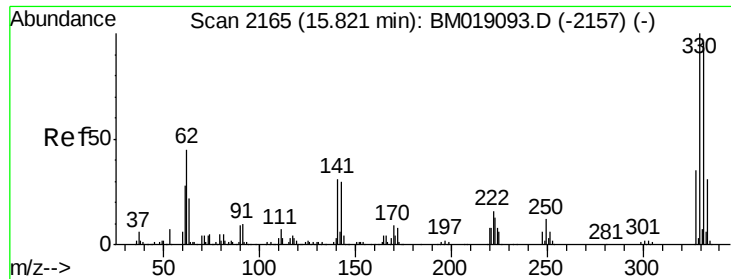
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.31 min Scan# 1925
Delta R.T. -0.01 min
Lab File: BM019189.D
Acq: 15 Mar 2019 16:50

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.0	83.5	125.3
160	45.8	36.3	54.5





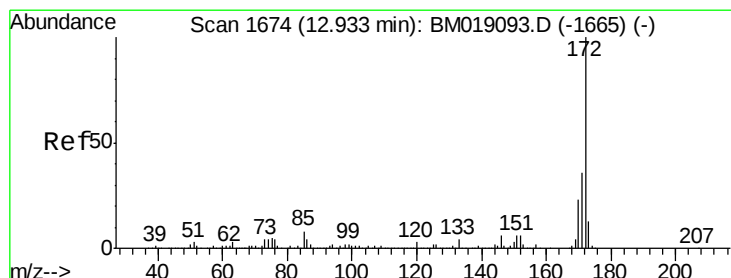
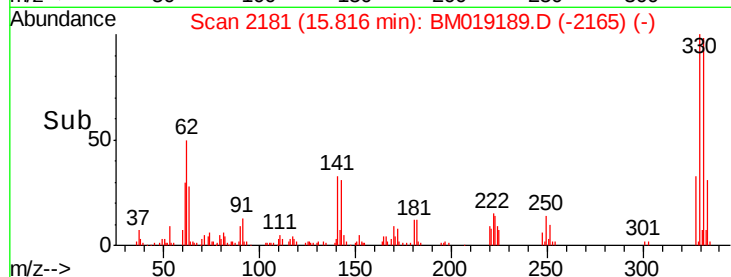
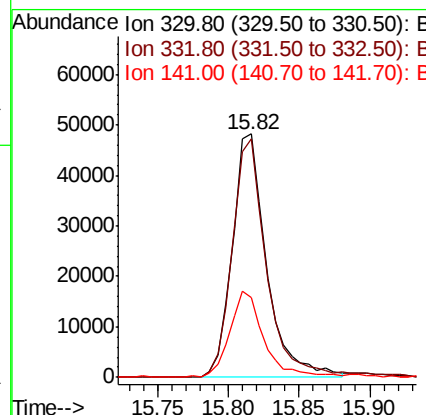
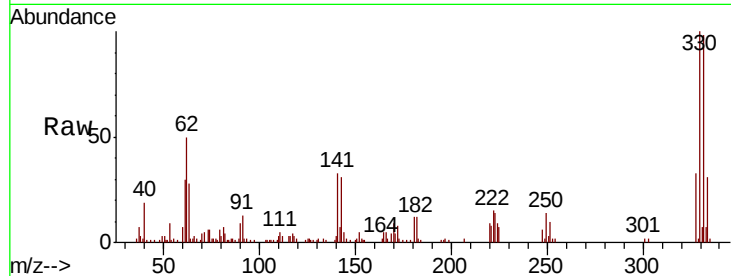
#42
 2,4,6-Tribromophenol
 Concen: 9.826 ng
 RT: 15.82 min Scan# 2181
 Delta R.T. -0.01 min
 Lab File: BM019189.D
 Acq: 15 Mar 2019 16:50

Instrument :
 BNA_M
 ClientSampled :
 101-102

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.8	76.8	115.2
141	35.6	27.0	40.4

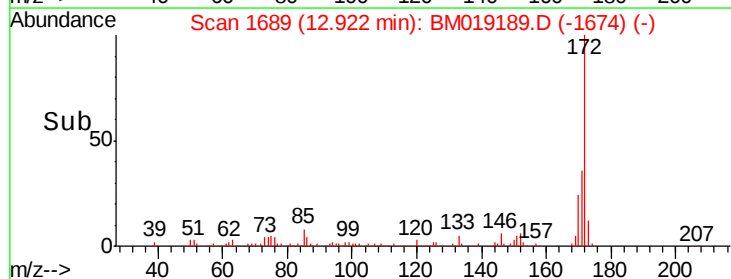
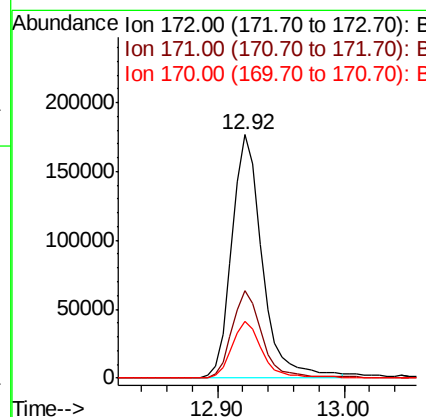
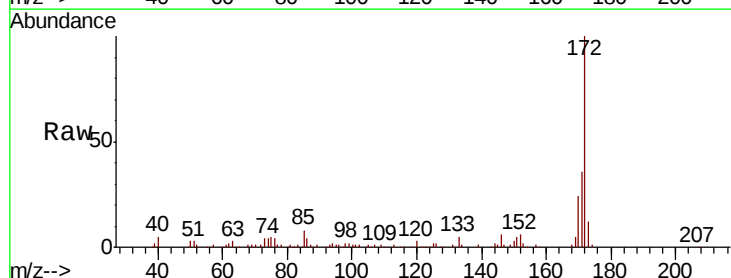
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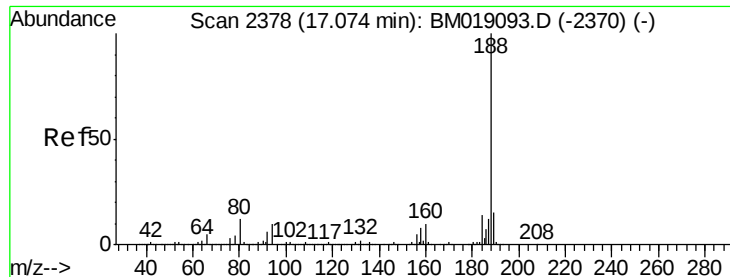
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#45
 2-Fluorobiphenyl
 Concen: 6.778 ng
 RT: 12.92 min Scan# 1689
 Delta R.T. -0.01 min
 Lab File: BM019189.D
 Acq: 15 Mar 2019 16:50

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.1	28.6	42.8
170	23.5	18.6	28.0





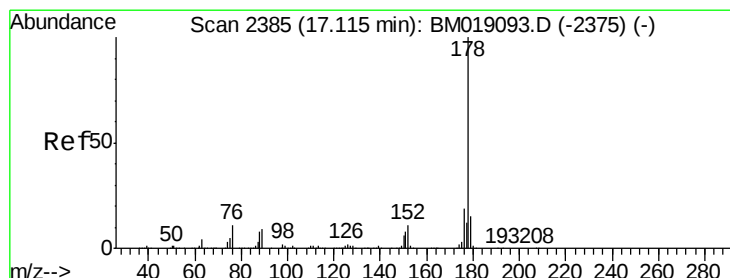
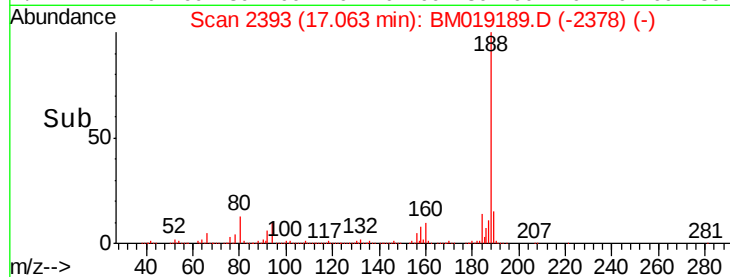
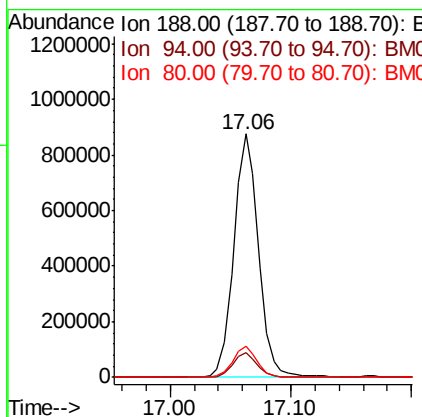
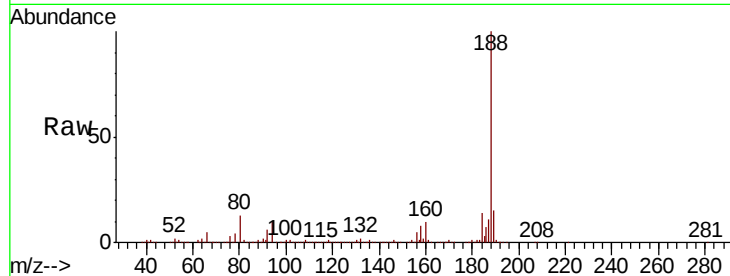
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.06 min Scan# 2393
Delta R.T. -0.01 min
Lab File: BM019189.D
Acq: 15 Mar 2019 16:50

Instrument :
BNA_M
ClientSampled :
101-102

Tot Ion	Ratio	Lower	Upper
188	100		
94	10.1	8.1	12.1
80	12.6	9.7	14.5

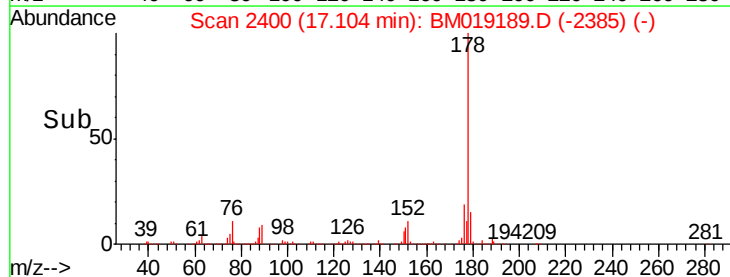
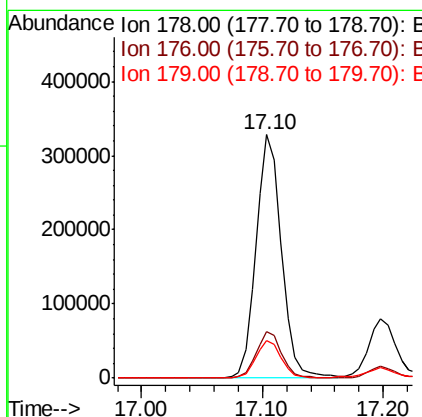
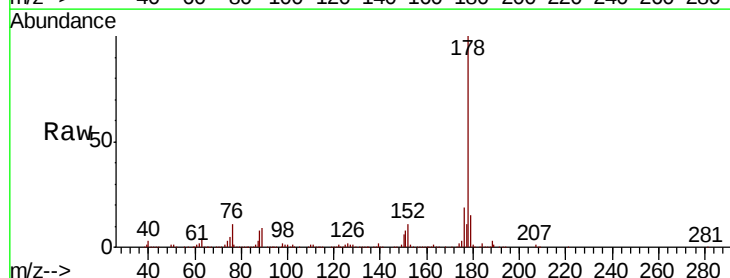
Manual Integrations
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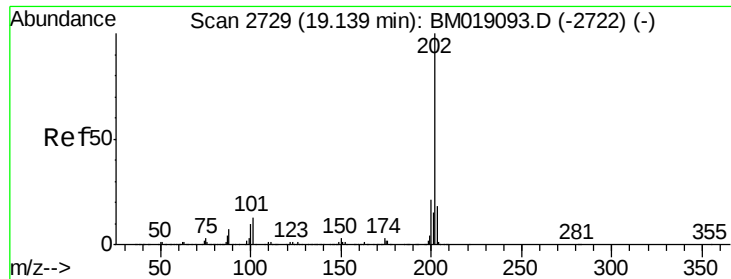
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#71
Phenanthrene
Concen: 6.624 ng
RT: 17.10 min Scan# 2400
Delta R.T. -0.01 min
Lab File: BM019189.D
Acq: 15 Mar 2019 16:50

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.3	22.9
179	15.2	12.2	18.2





#75

Fluoranthene

Concen: 9.702 ng

RT: 19.13 min Scan# 2744

Delta R.T. -0.01 min

Lab File: BM019189.D

Acq: 15 Mar 2019 16:50

Instrument :

BNA_M

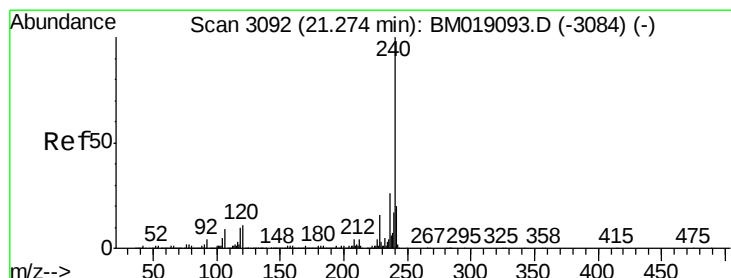
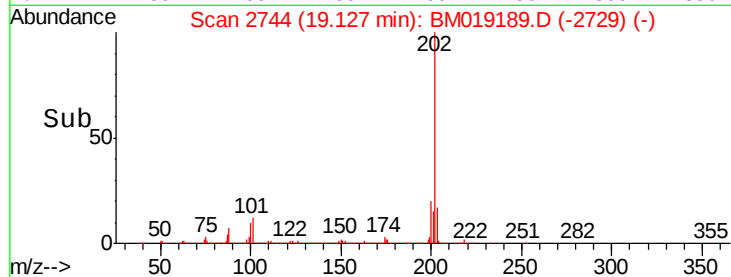
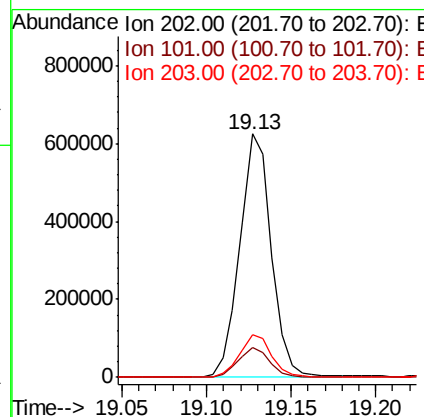
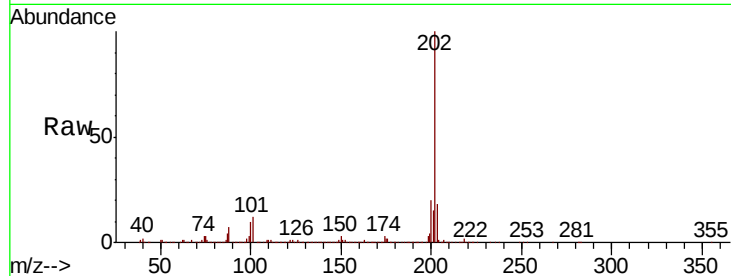
ClientSampleId :

101-102

Tot Ion	Ratio	Resp	Lower	Upper
202	100	811135		
101	12.1	0.0	33.0	
203	17.6	0.0	37.8	

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#76

Chrysene-d12

Concen: 20.000 ng

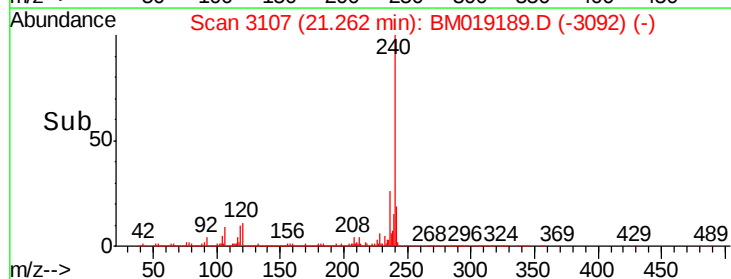
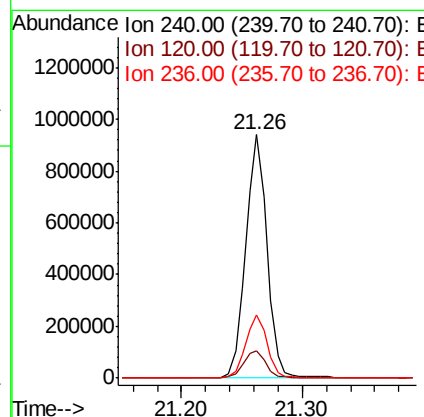
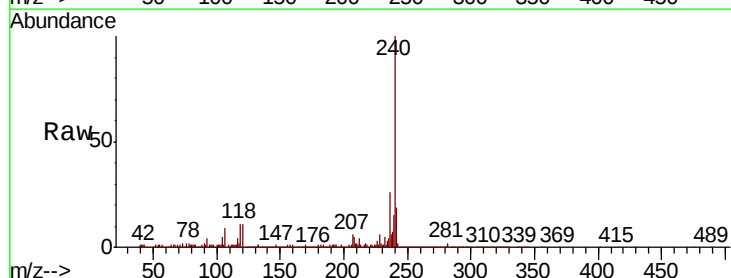
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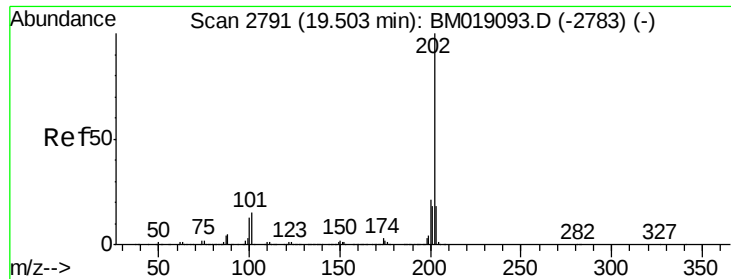
Delta R.T. -0.01 min

Lab File: BM019189.D

Acq: 15 Mar 2019 16:50

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	1159041		
120	11.2	8.9	13.3	
236	26.0	21.0	31.4	





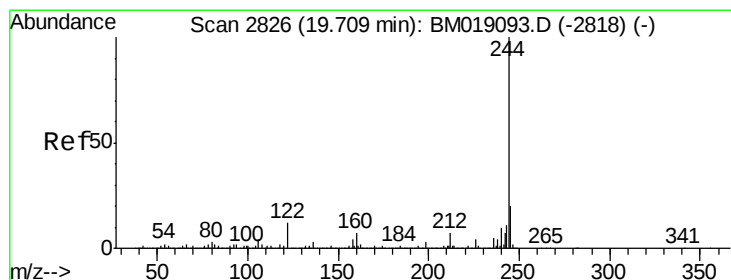
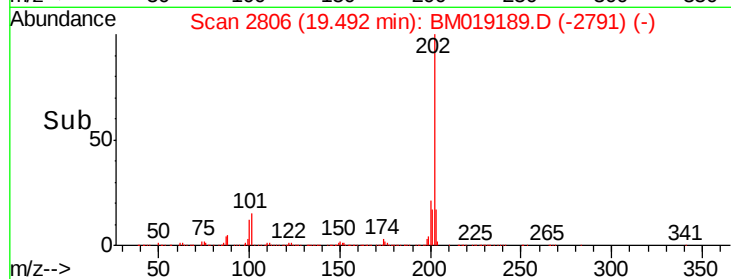
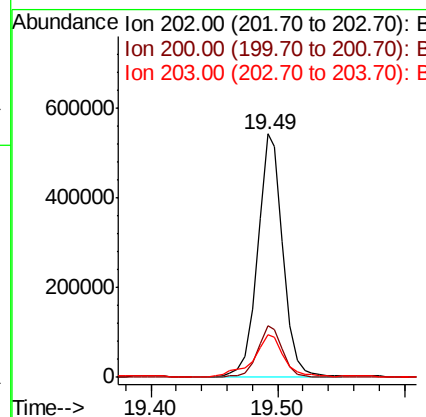
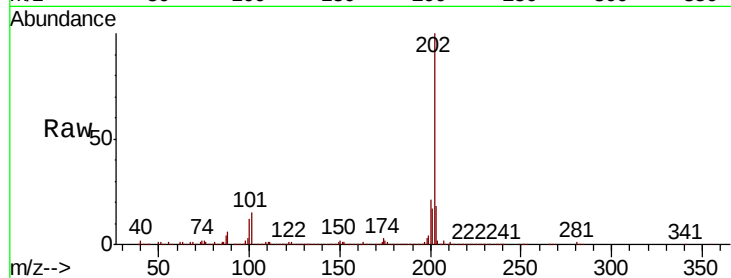
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Pvrene
Concen: 10.192 ng
RT: 19.49 min Scan# 2806
Delta R.T. -0.01 min
Lab File: BM019189.D
Acq: 15 Mar 2019 16:50

Instrument :
BNA_M
ClientSampleId :
101-102

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	21.1	16.9	25.3
203	17.7	14.0	21.0

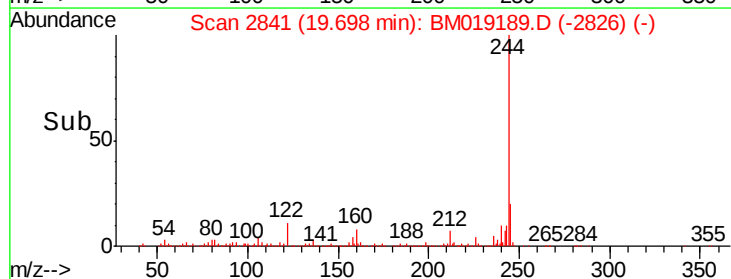
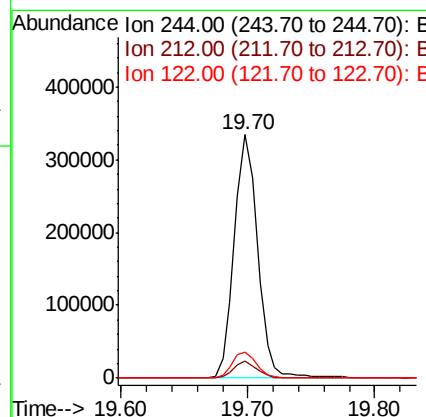
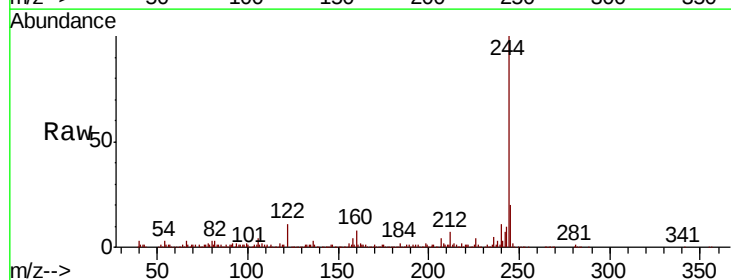
Manual Integrations
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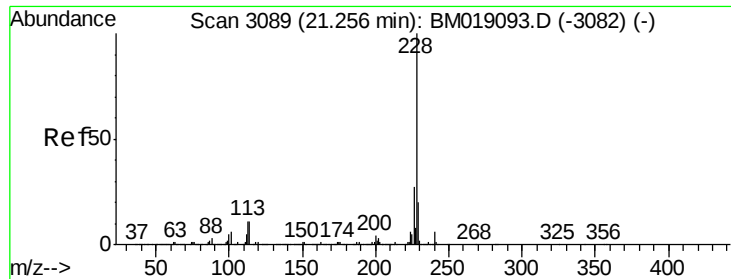
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#79
Terphenyl-d14
Concen: 7.328 ng
RT: 19.70 min Scan# 2841
Delta R.T. -0.01 min
Lab File: BM019189.D
Acq: 15 Mar 2019 16:50

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	7.0	5.4	8.2
122	10.7	9.4	14.2





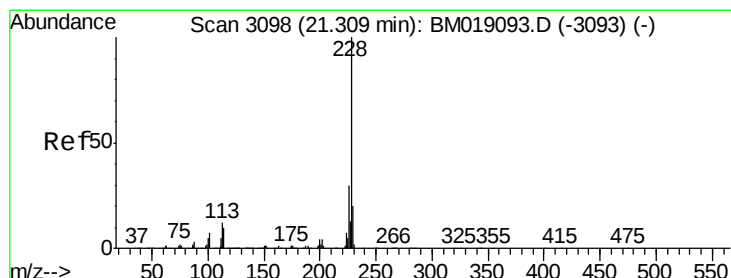
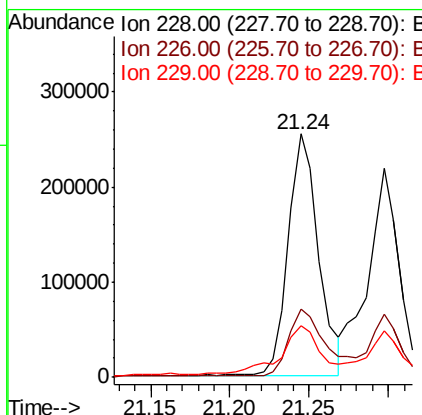
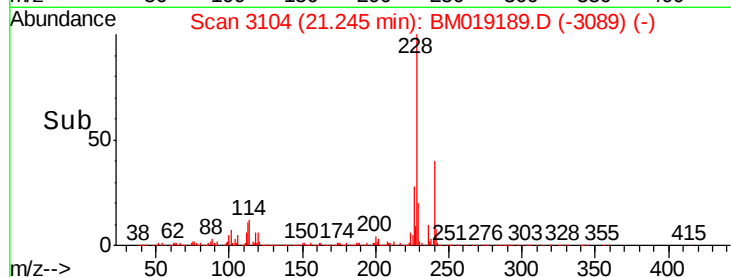
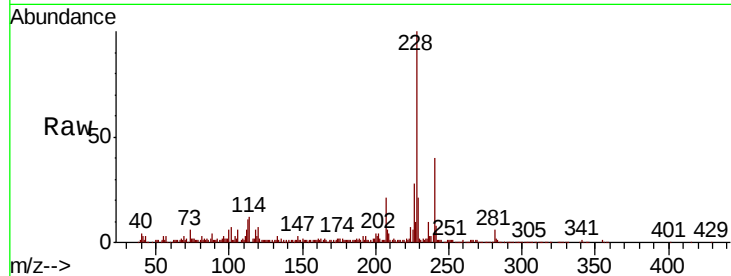
#81
Benzo(a)anthracene
Concen: 4.672 ng
RT: 21.24 min Scan# 3104
Delta R.T. -0.01 min
Lab File: BM019189.D
Acq: 15 Mar 2019 16:50

Instrument :
BNA_M
ClientSampleId :
101-102

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.0	21.8	32.8
229	21.4	15.8	23.6

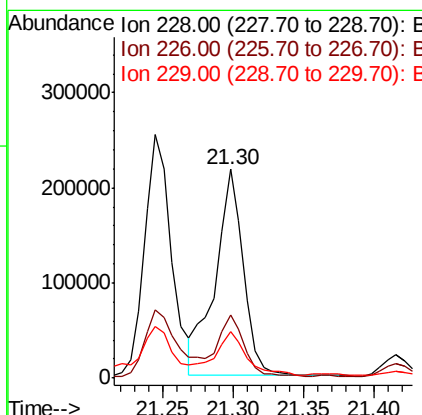
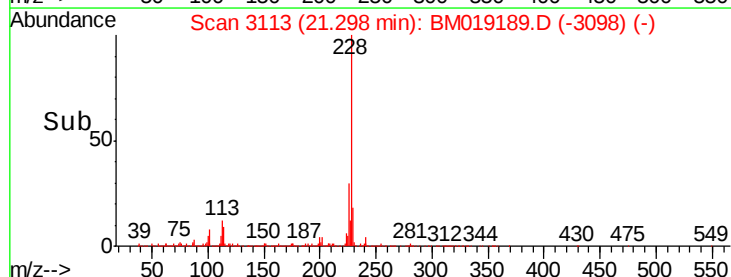
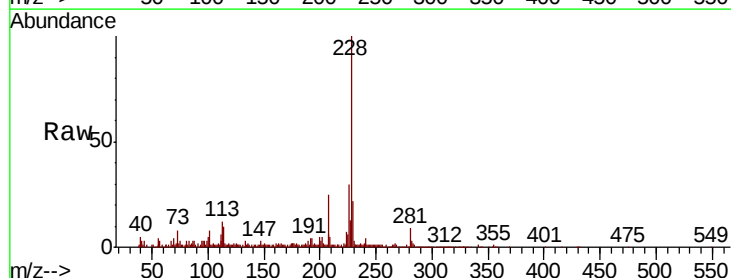
Manual Integrations
APPROVED

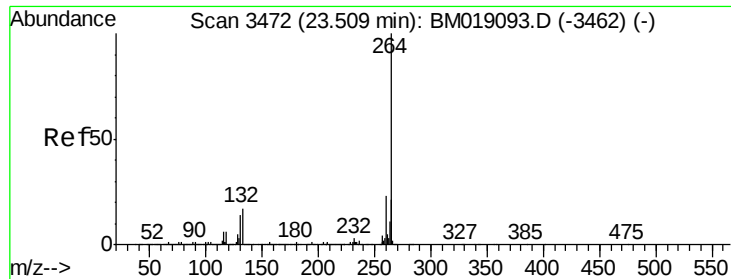
Sohil
3/18/2019 3:04:33 PM



#83
Chrysene
Concen: 4.279 ng
RT: 21.30 min Scan# 3113
Delta R.T. -0.01 min
Lab File: BM019189.D
Acq: 15 Mar 2019 16:50

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.4	23.8	35.8
229	22.0	15.7	23.5





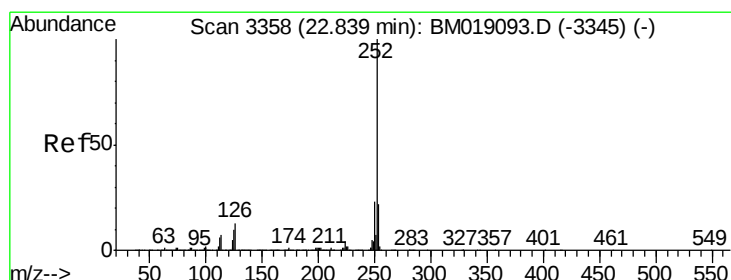
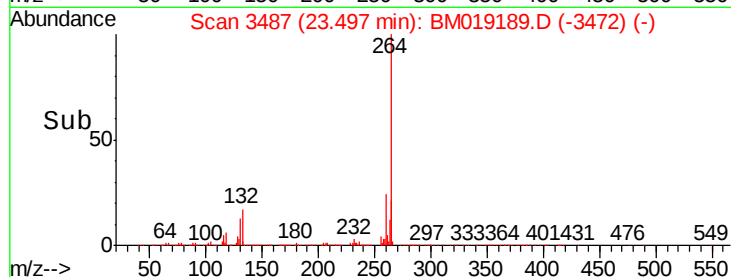
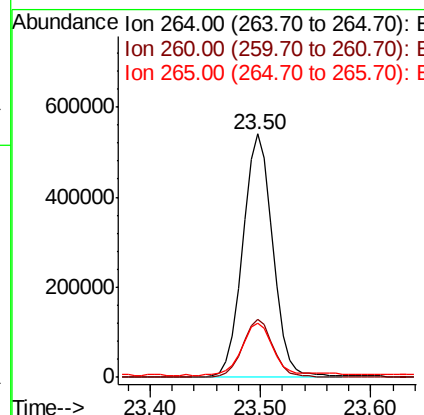
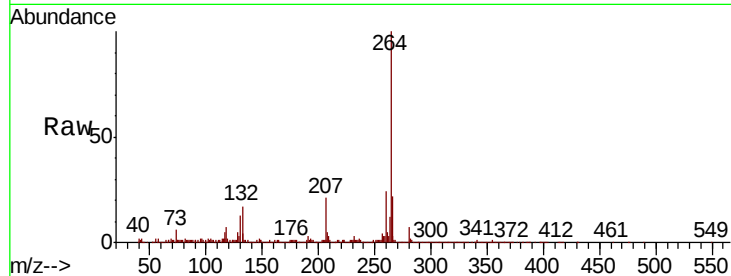
#87
Pervlene-d12
Concen: 20.000 ng
RT: 23.50 min Scan# 3487
Delta R.T. -0.01 min
Lab File: BM019189.D
Acq: 15 Mar 2019 16:50

Instrument :
BNA_M
ClientSampleId :
101-102

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.6	28.0
265	22.0	17.3	25.9

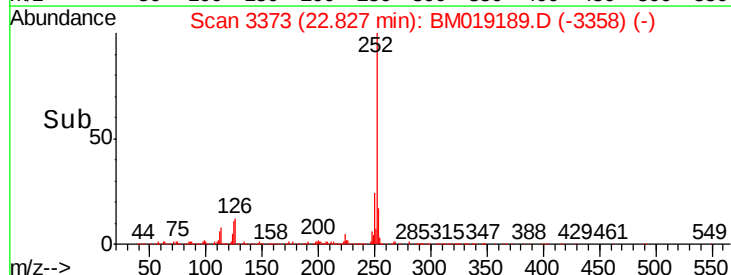
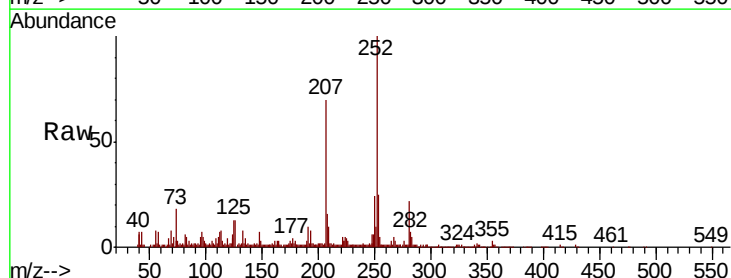
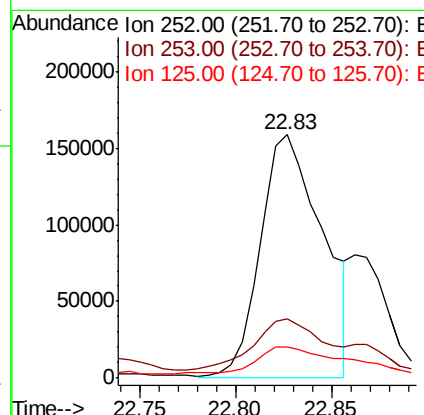
Manual Integrations
APPROVED

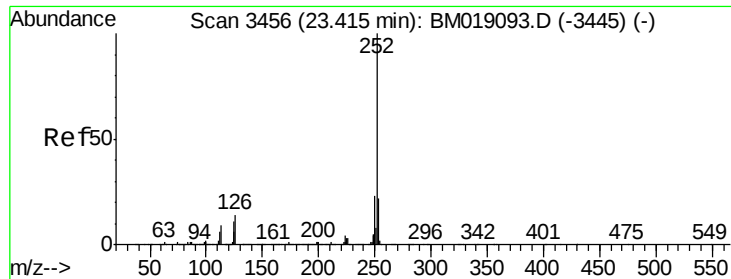
Sohil
3/18/2019 3:04:33 PM



#88
Benzo(b)fluoranthene
Concen: 5.407 ng m
RT: 22.83 min Scan# 3373
Delta R.T. -0.01 min
Lab File: BM019189.D
Acq: 15 Mar 2019 16:50

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.5	17.6	26.4
125	12.8	8.1	12.1





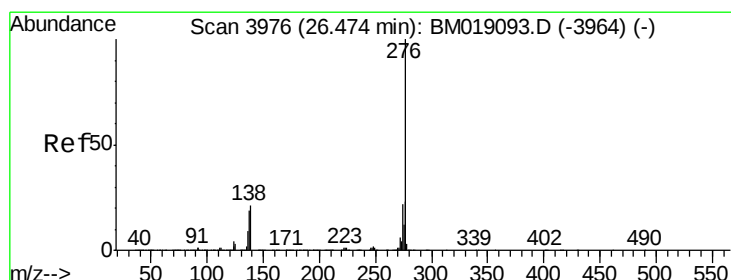
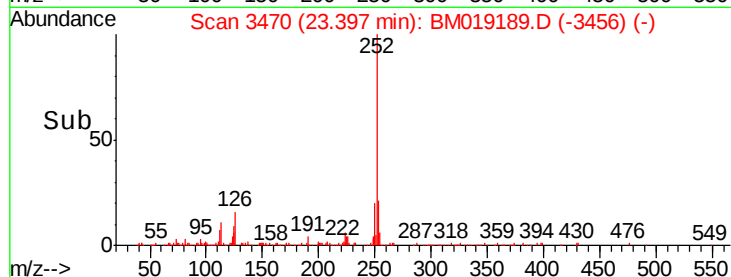
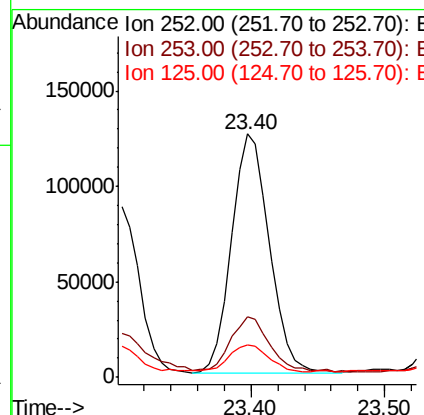
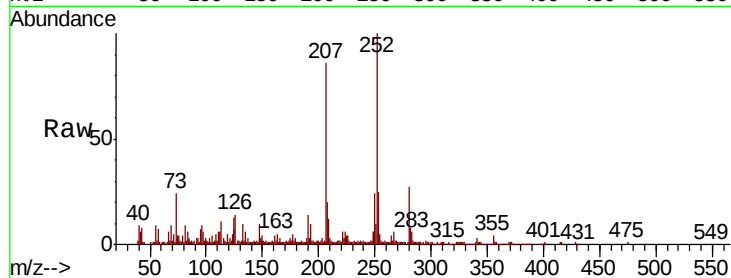
#90
Benzo(a)pyrene
Concen: 4.083 ng
RT: 23.40 min Scan# 3470
Delta R.T. -0.02 min
Lab File: BM019189.D
Acq: 15 Mar 2019 16:50

Instrument :
BNA_M
ClientSampleId :
101-102

Tot Ion	Ratio	Resp Lower	Upper
252	100		
253	24.9	17.4	26.2
125	13.2	9.2	13.8

Manual Integrations
APPROVED

Sohil
3/18/2019 3:04:33 PM



#92
Benzo(g,h,i)perylene
Concen: 2.599 ng
RT: 26.45 min Scan# 3989
Delta R.T. -0.02 min
Lab File: BM019189.D
Acq: 15 Mar 2019 16:50

Tgt Ion	Ratio	Resp Lower	Upper
276	100		
277	24.9	18.8	28.2
138	22.4	17.0	25.4

