

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM031519\
 Data File : BM019182.D
 Acq On : 15 Mar 2019 12:33
 Operator : JU/SJ
 Sample : K1817-14
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PST-027-B116-030619

Manual Integrations
 APPROVED

Sohil
 3/18/2019 3:04:23 PM

Quant Time: Mar 16 02:04:26 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	7.66	152	206582	20.00	ng	0.00
21) Naphthalene-d8	10.44	136	955805	20.00	ng	-0.01
39) Acenaphthene-d10	14.31	164	616499	20.00	ng	-0.01
64) Phenanthrene-d10	17.06	188	1388090	20.00	ng	-0.01
76) Chrysene-d12	21.26	240	1347691	20.00	ng	-0.01
87) Perylene-d12	23.50	264	1225006	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.25	112	1225169	96.05	ng	0.00
7) Phenol-d6	6.83	99	1910124	102.37	ng	-0.01
23) Nitrobenzene-d5	8.82	82	1134528	56.11	ng	-0.01
42) 2,4,6-Tribromophenol	15.81	330	808238	88.79	ng	-0.01
45) 2-Fluorobiphenyl	12.92	172	2535386	53.49	ng	-0.01
79) Terphenyl-d14	19.70	244	3876002	57.10	ng	0.00
Target Compounds						
10) Phenol	6.86	94	42110	2.094	ng	86
50) Dimethylphthalate	13.77	163	206691	3.919	ng	99
71) Phenanthrene	17.10	178	222574	2.736	ng	99
75) Fluoranthene	19.13	202	339255	3.634	ng	99
78) Pyrene	19.49	202	422046	4.950	ng	99
81) Benzo(a)anthracene	21.24	228	170112	2.012	ng	98
83) Chrysene	21.30	228	201010	2.457	ng	97
88) Benzo(b)fluoranthene	22.83	252	199297m	2.511	ng	

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

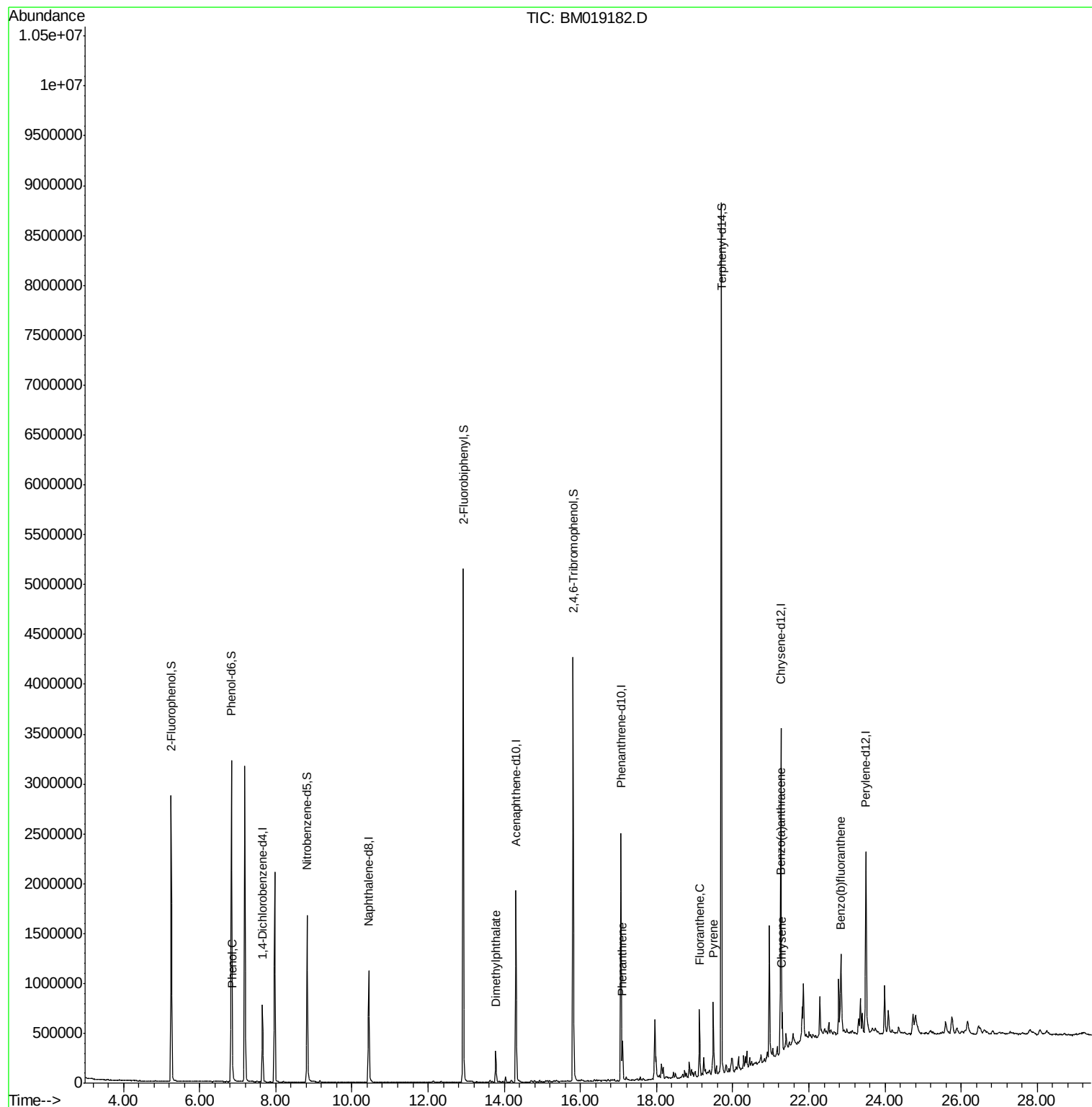
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM031519\
Data File : BM019182.D
Acq On : 15 Mar 2019 12:33
Operator : JU/SJ
Sample : K1817-14
Misc :
ALS Vial : 3 Sample Multiplier: 1

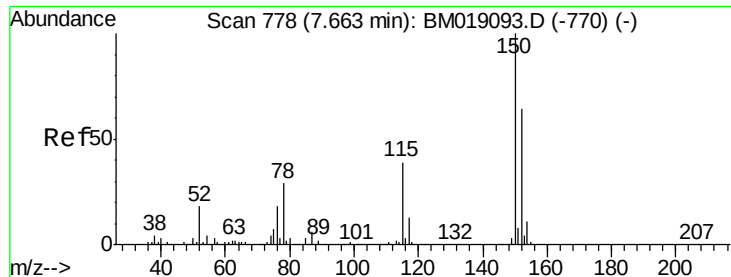
Instrument :
BNA_M
ClientSampleId :
PST-027-B116-030619

Manual Integrations
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Quant Time: Mar 16 02:04:26 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

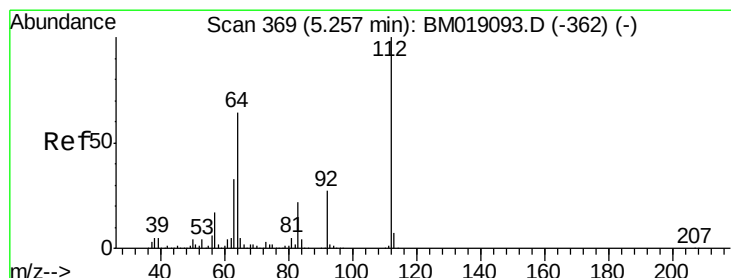
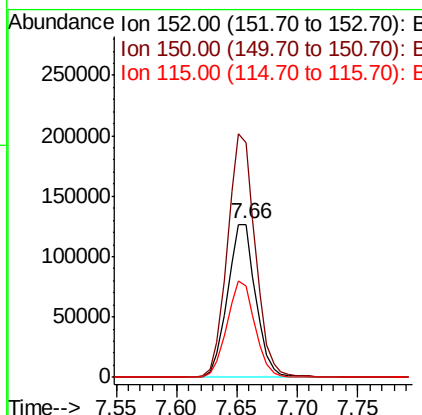
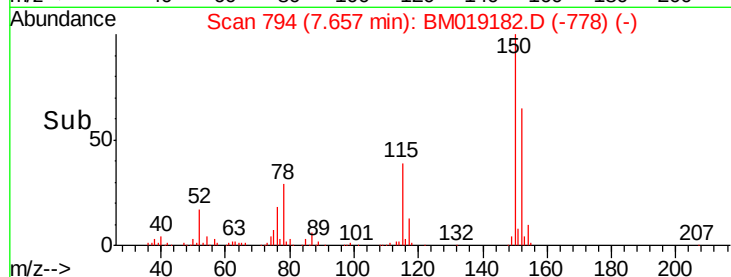
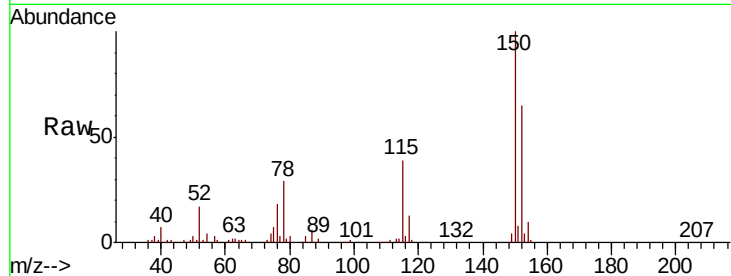
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.66 min Scan# 794
Delta R.T. -0.01 min
Lab File: BM019182.D
Acq: 15 Mar 2019 12:33

Instrument :
BNA_M
ClientSampleId :
PST-027-B116-030619

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.0	125.3	187.9
115	59.8	49.4	74.0

Manual Integrations
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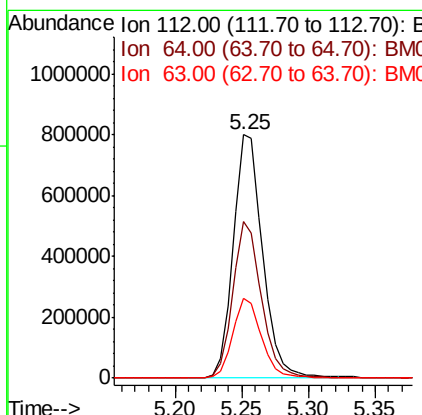
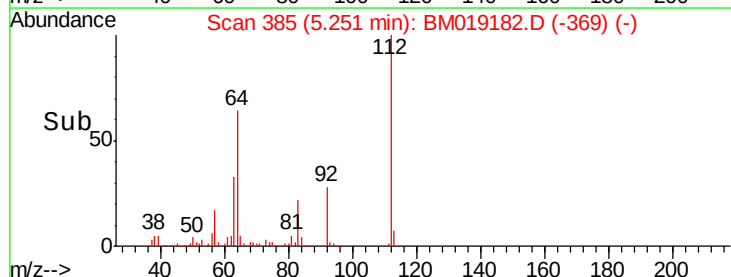
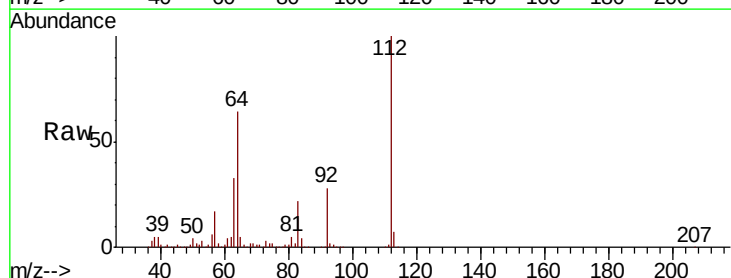
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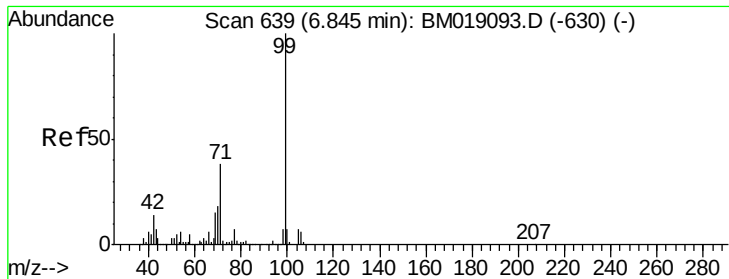


#5

2-Fluorophenol
Concen: 96.046 ng
RT: 5.25 min Scan# 385
Delta R.T. -0.01 min
Lab File: BM019182.D
Acq: 15 Mar 2019 12:33

Tgt Ion	Ratio	Lower	Upper
112	100		
64	64.5	51.4	77.0
63	33.0	26.6	40.0





#7

Phenol-d6

Concen: 102.373 ng

RT: 6.83 min Scan# 654

Delta R.T. -0.01 min

Lab File: BM019182.D

Acq: 15 Mar 2019 12:33

Instrument :

BNA_M

ClientSampleId :

PST-027-B116-030619

Tot Ion: 99 Resp: 1910124

Ion Ratio Lower Upper

99 100

42 14.0 10.9 16.3

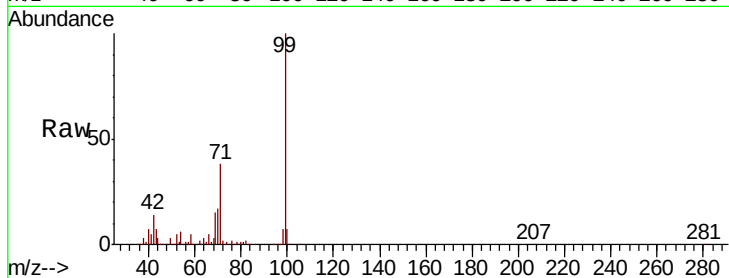
71 37.9 30.3 45.5

Manual Integrations

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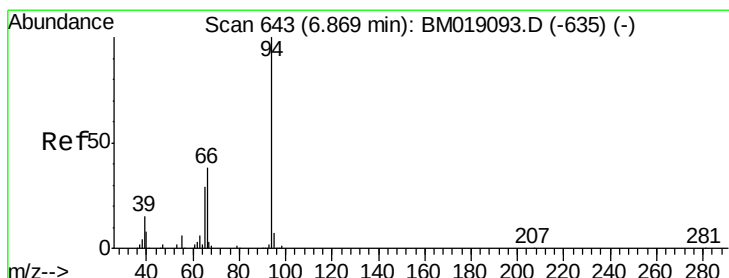
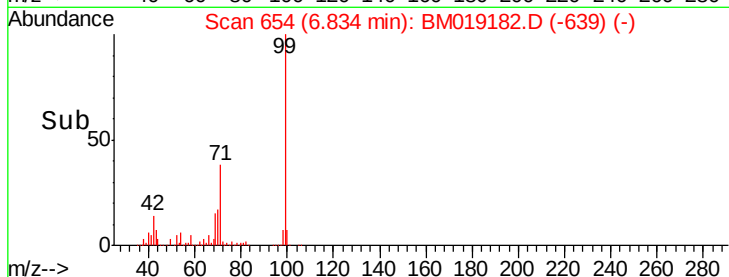
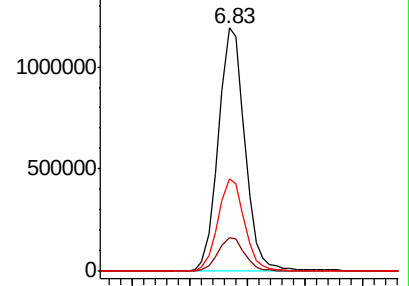
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Abundance Ion 99.00 (98.70 to 99.70): BM019093.D (-630) (-)

Ion 42.00 (41.70 to 42.70): BM019093.D (-630) (-)

Ion 71.00 (70.70 to 71.70): BM019093.D (-630) (-)



#10

Phenol

Concen: 2.094 ng

RT: 6.86 min Scan# 659

Delta R.T. -0.01 min

Lab File: BM019182.D

Acq: 15 Mar 2019 12:33

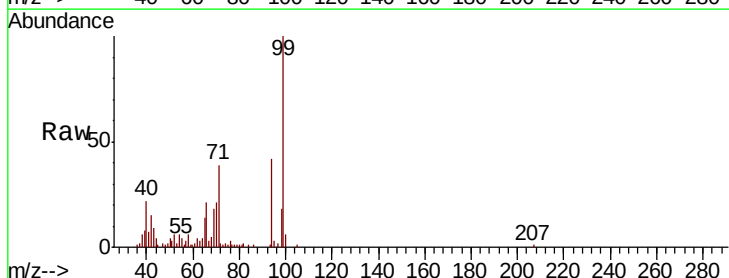
Tgt Ion: 94 Resp: 42110

Ion Ratio Lower Upper

94 100

65 33.2 9.7 49.7

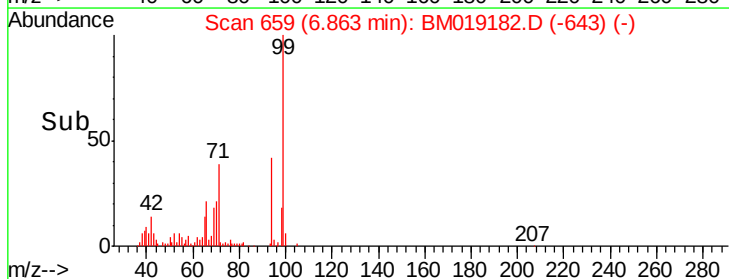
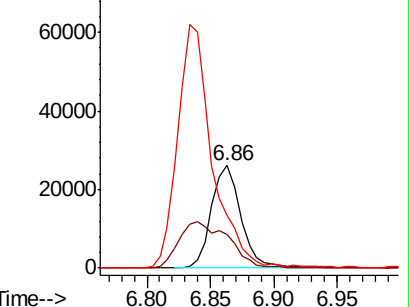
66 51.7 19.2 59.2

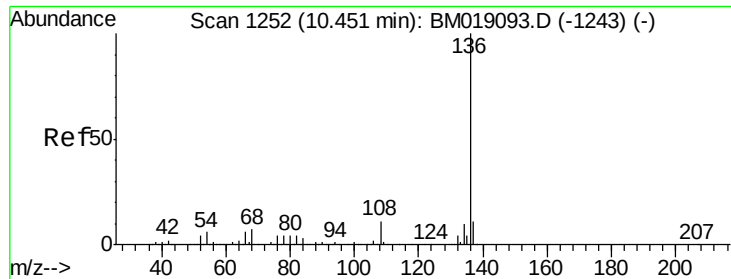


Abundance Ion 94.00 (93.70 to 94.70): BM019093.D (-635) (-)

Ion 65.00 (64.70 to 65.70): BM019093.D (-635) (-)

Ion 66.00 (65.70 to 66.70): BM019093.D (-635) (-)





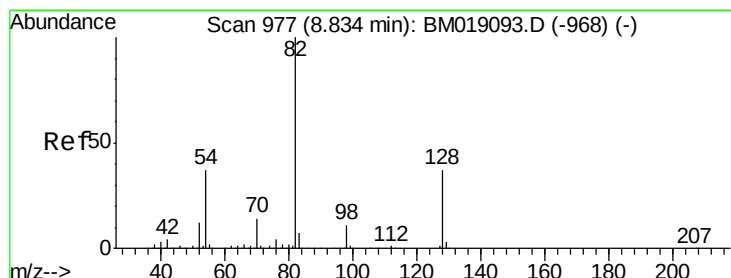
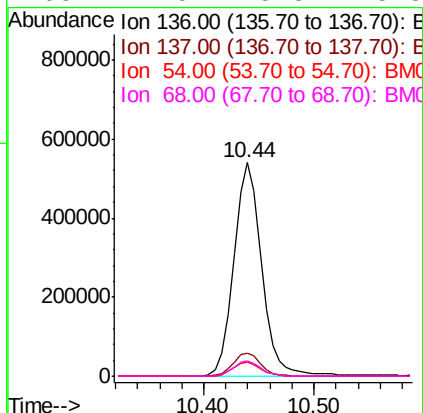
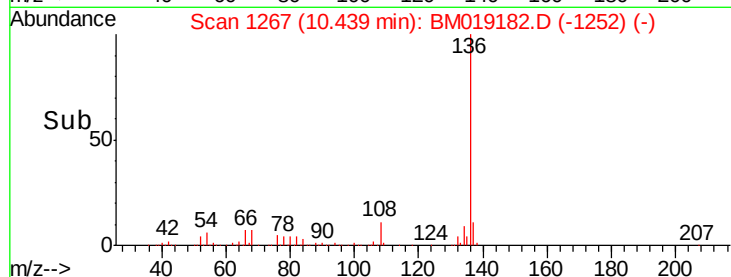
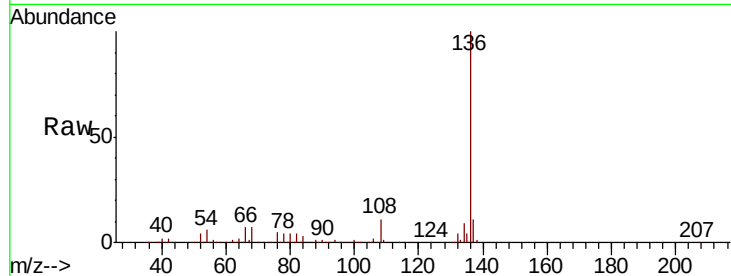
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.44 min Scan# 1267
Delta R.T. -0.01 min
Lab File: BM019182.D
Acq: 15 Mar 2019 12:33

Instrument :
BNA_M
ClientSampleId :
PST-027-B116-030619

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		955805		
137	11.0	8.6	13.0		
54	6.5	5.2	7.8		
68	7.0	5.8	8.8		

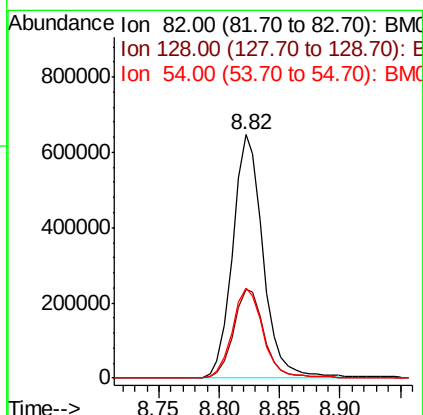
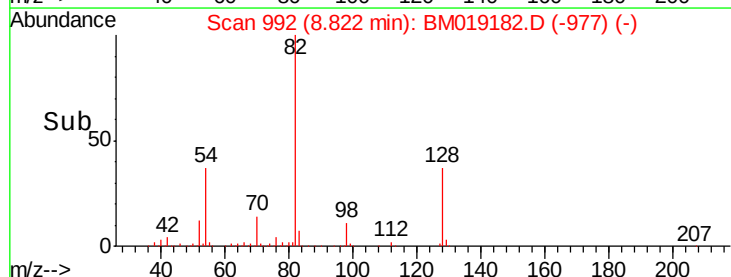
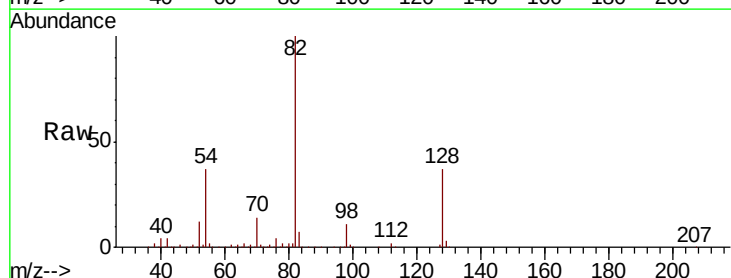
Manual Integrations
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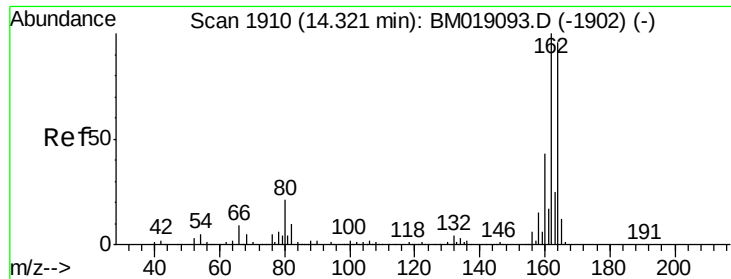
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#23
Nitrobenzene-d5
Concen: 56.109 ng
RT: 8.82 min Scan# 992
Delta R.T. -0.01 min
Lab File: BM019182.D
Acq: 15 Mar 2019 12:33

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
82	100		1134528		
128	36.7	29.4	44.2		
54	36.9	29.9	44.9		





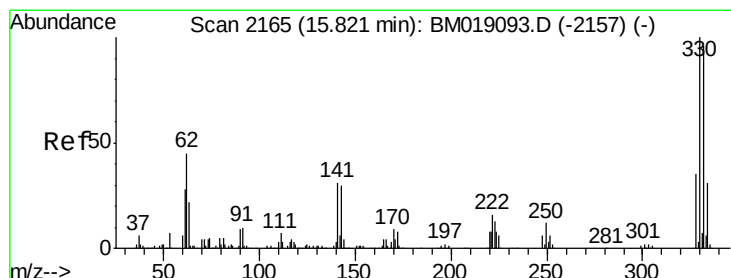
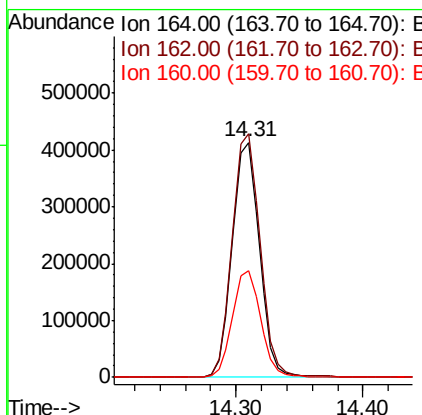
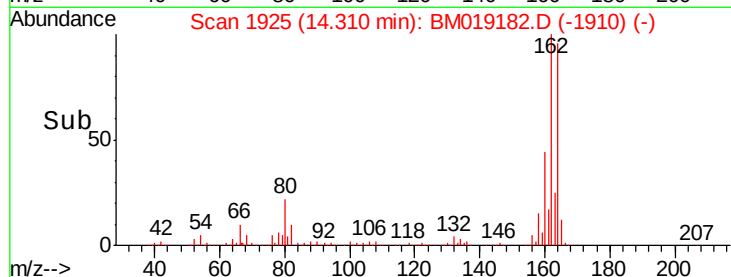
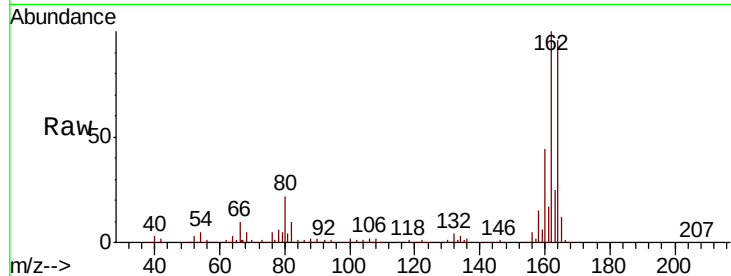
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.31 min Scan# 1925
Delta R.T. -0.01 min
Lab File: BM019182.D
Acq: 15 Mar 2019 12:33

Instrument :
BNA_M
ClientSampleId :
PST-027-B116-030619

Tot Ion	Ratio	Lower	Upper
164	100		
162	103.7	83.5	125.3
160	45.6	36.3	54.5

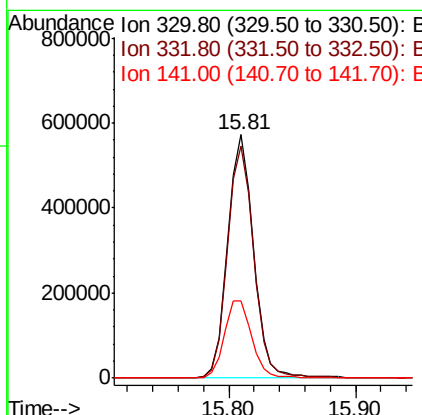
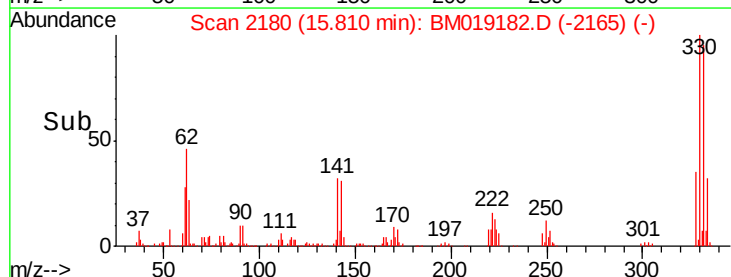
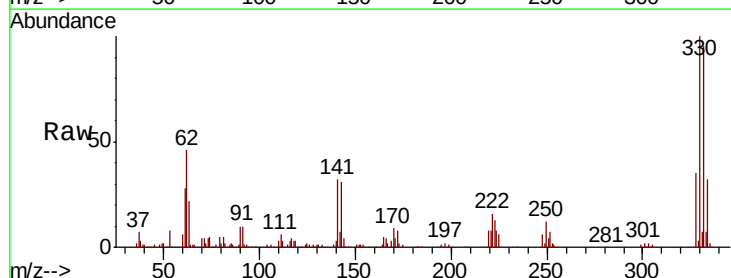
Manual Integrations
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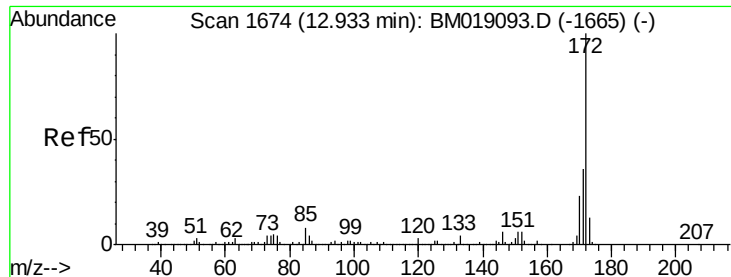
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#42
2,4,6-Tribromophenol
Concen: 88.794 ng
RT: 15.81 min Scan# 2180
Delta R.T. -0.01 min
Lab File: BM019182.D
Acq: 15 Mar 2019 12:33

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.8	76.8	115.2
141	34.0	27.0	40.4





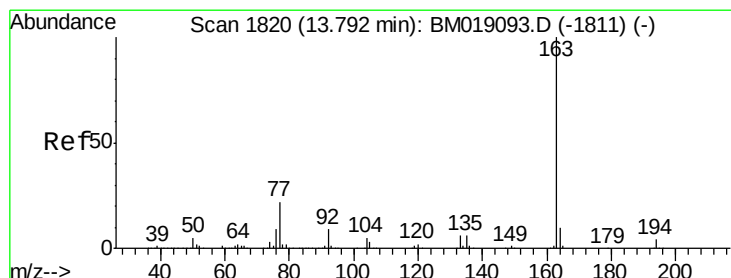
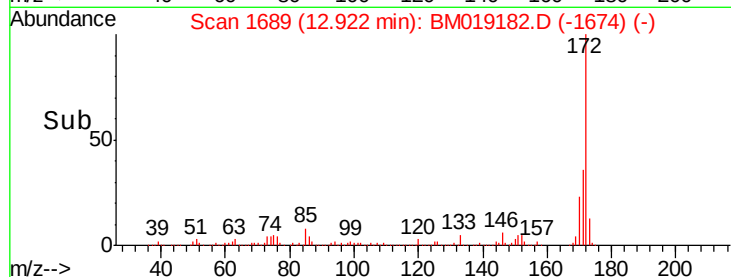
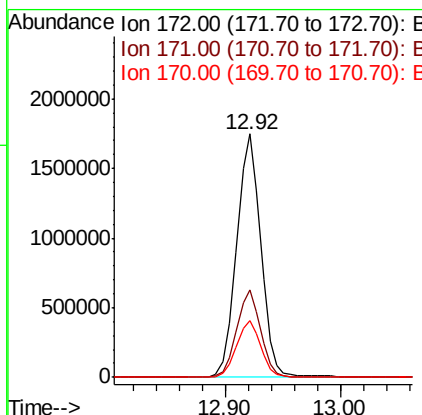
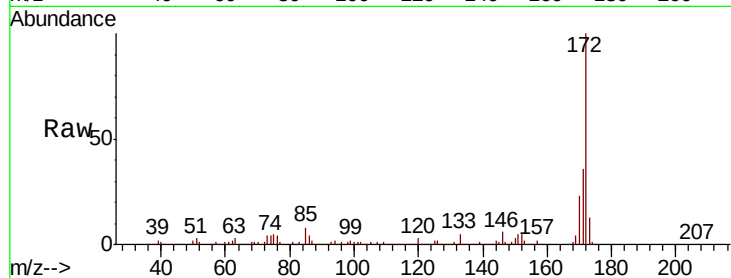
#45
2-Fluorobiphenyl
Concen: 53.495 ng
RT: 12.92 min Scan# 1689
Delta R.T. -0.01 min
Lab File: BM019182.D
Acq: 15 Mar 2019 12:33

Instrument :
BNA_M
ClientSampleId :
PST-027-B116-030619

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.7	28.6	42.8
170	23.4	18.6	28.0

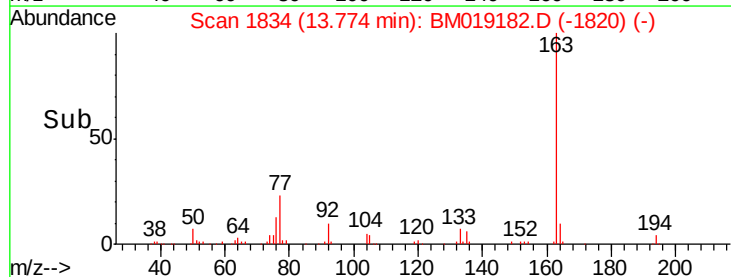
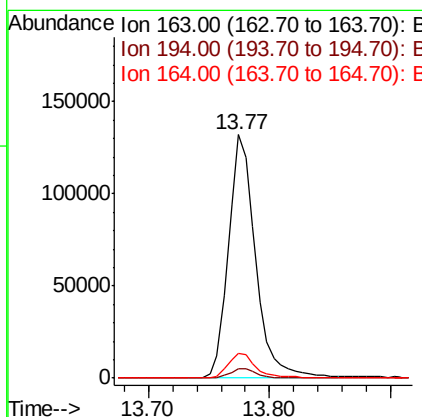
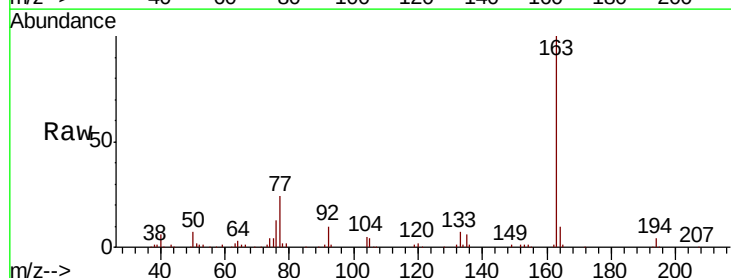
Manual Integrations
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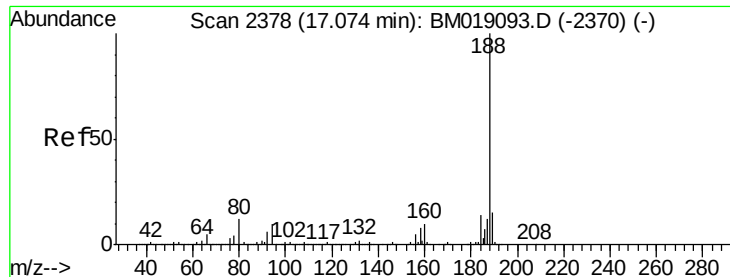
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#50
Dimethylphthalate
Concen: 3.919 ng
RT: 13.77 min Scan# 1834
Delta R.T. -0.02 min
Lab File: BM019182.D
Acq: 15 Mar 2019 12:33

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.3	4.9
164	10.1	7.7	11.5





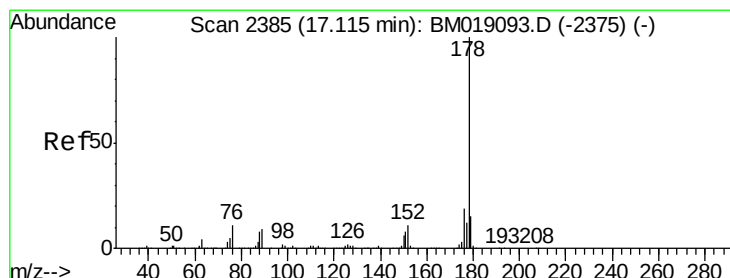
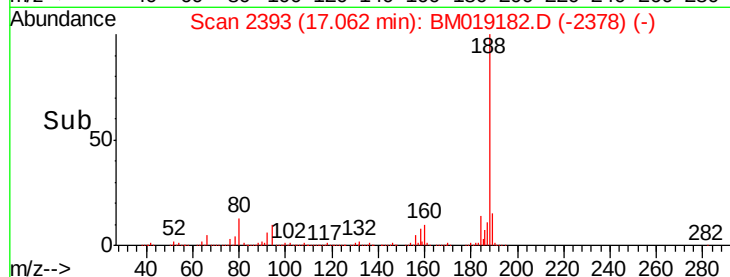
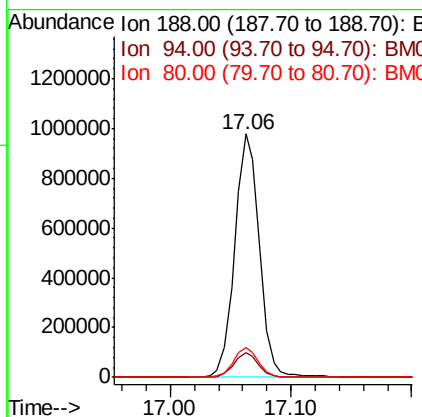
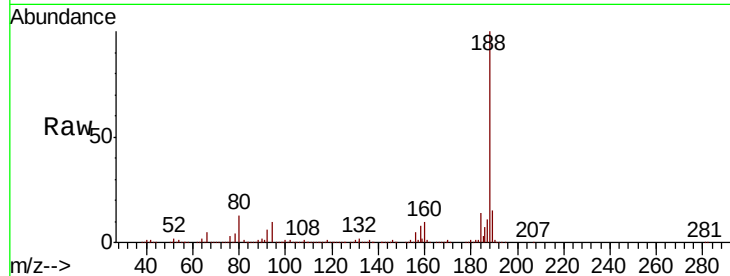
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.06 min Scan# 2393
Delta R.T. -0.01 min
Lab File: BM019182.D
Acq: 15 Mar 2019 12:33

Instrument :
BNA_M
ClientSampleId :
PST-027-B116-030619

Tot Ion	Ratio	Lower	Upper
188	100		
94	10.2	8.1	12.1
80	12.5	9.7	14.5

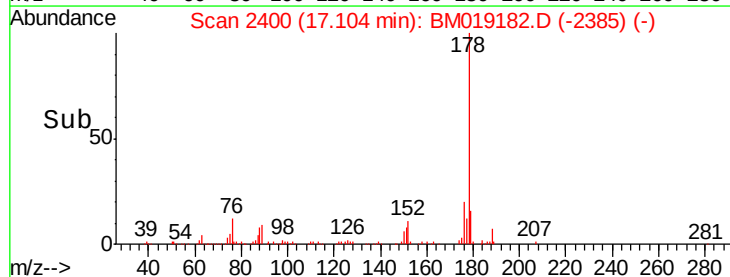
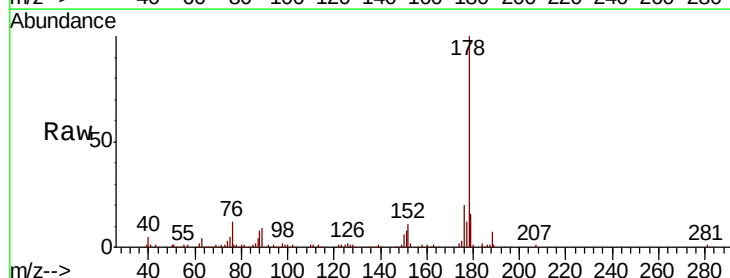
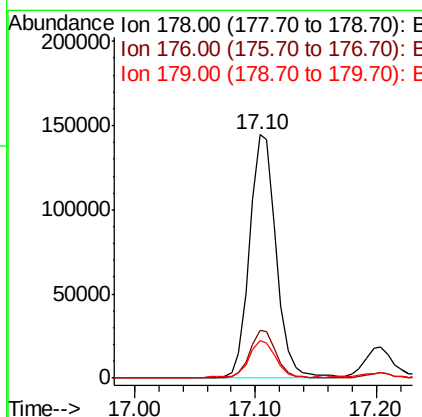
Manual Integrations
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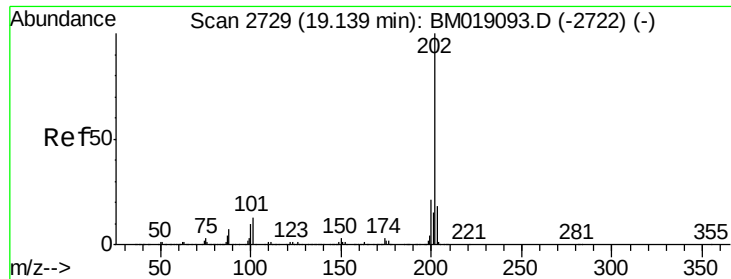
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#71
Phenanthrene
Concen: 2.736 ng
RT: 17.10 min Scan# 2400
Delta R.T. -0.01 min
Lab File: BM019182.D
Acq: 15 Mar 2019 12:33

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.8	15.3	22.9
179	15.7	12.2	18.2





#75

Fluoranthene

Concen: 3.634 ng

RT: 19.13 min Scan# 2744

Delta R.T. -0.01 min

Lab File: BM019182.D

Acq: 15 Mar 2019 12:33

Instrument :

BNA_M

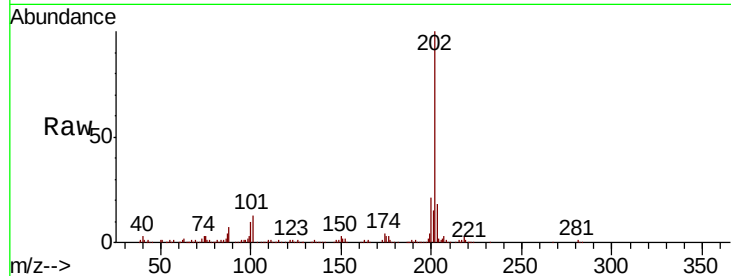
ClientSampleId :

PST-027-B116-030619

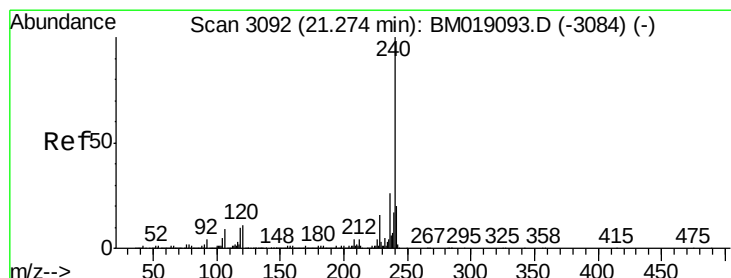
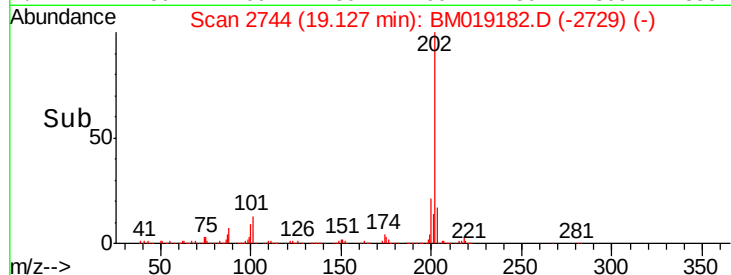
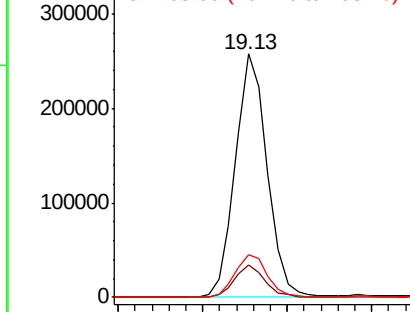
Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	13.4	0.0	33.0
203	17.5	0.0	37.8

Manual Integrations
APPROVED

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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.26 min Scan# 3107

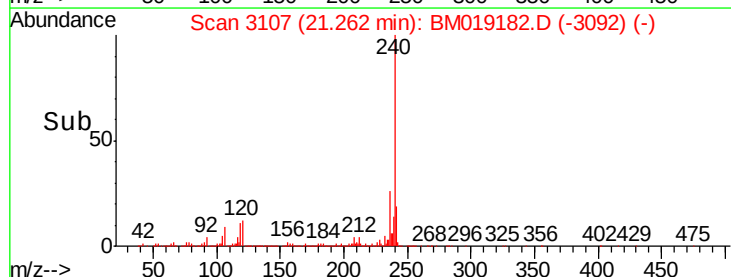
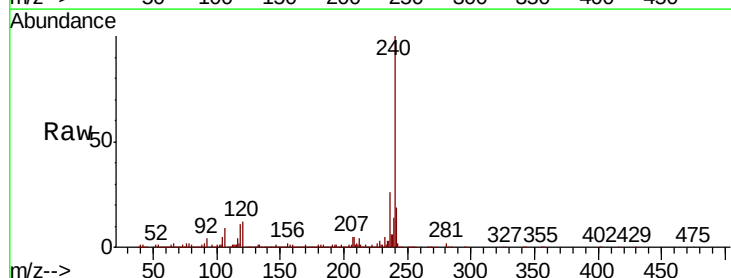
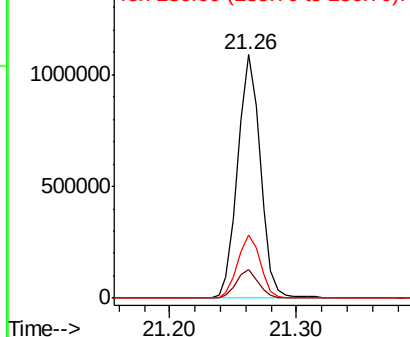
Delta R.T. -0.01 min

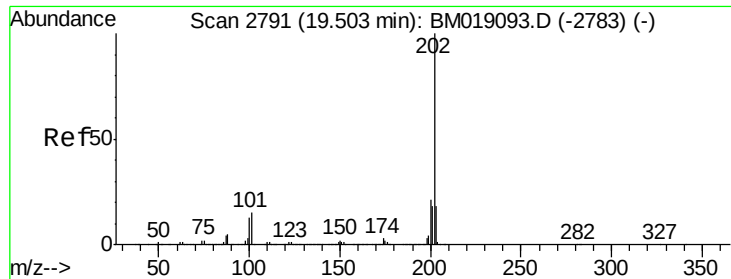
Lab File: BM019182.D

Acq: 15 Mar 2019 12:33

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	11.8	8.9	13.3
236	25.7	21.0	31.4

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





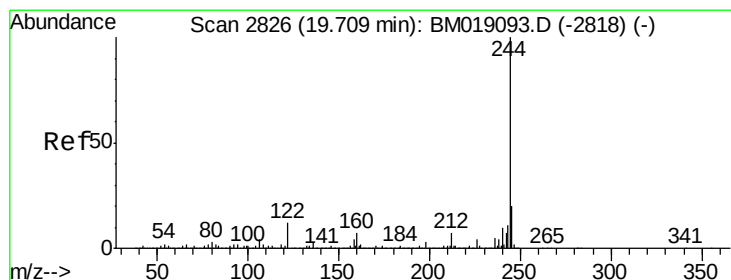
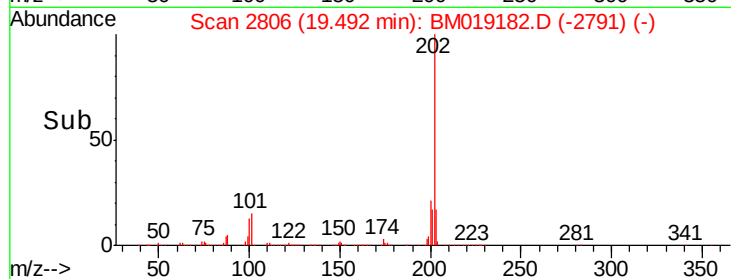
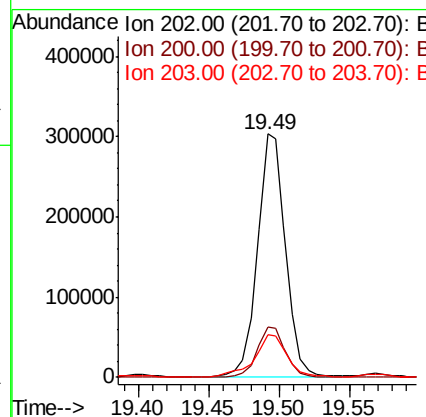
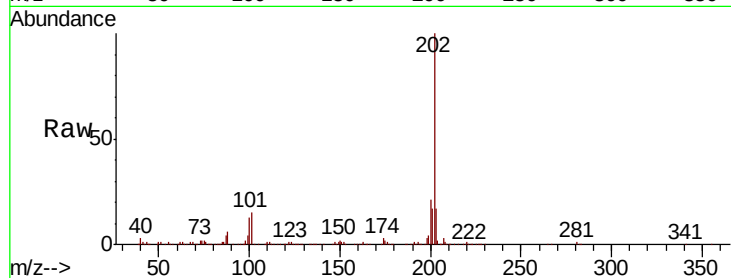
#78
Pvrene
Concen: 4.950 ng
RT: 19.49 min Scan# 2806
Delta R.T. -0.01 min
Lab File: BM019182.D
Acq: 15 Mar 2019 12:33

Instrument :
BNA_M
ClientSampleId :
PST-027-B116-030619

Tot Ion	Ratio	Lower	Upper
202	100		
200	20.8	16.9	25.3
203	17.3	14.0	21.0

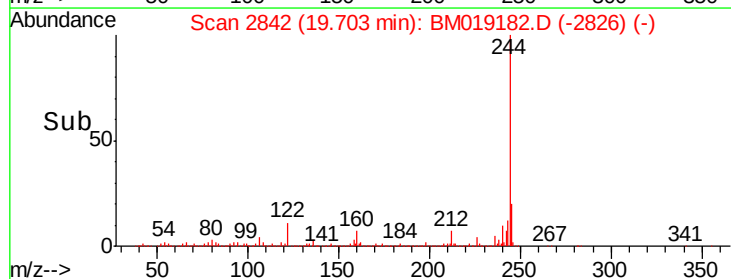
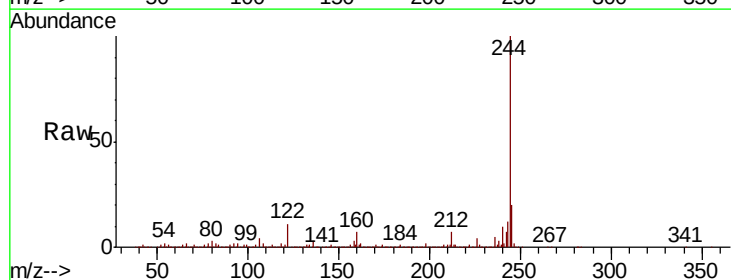
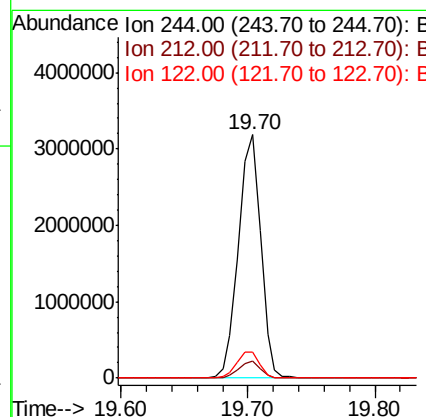
Manual Integrations
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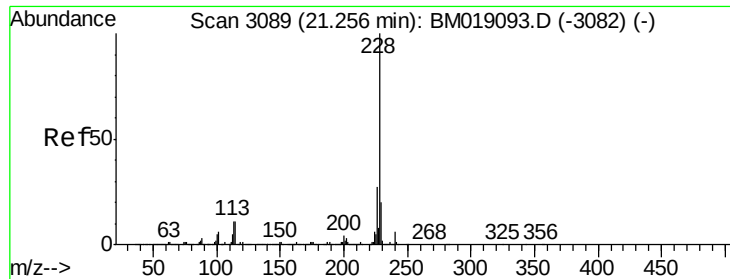
Sohil
3/18/2019 3:04:23 PM



#79
Terphenyl-d14
Concen: 57.096 ng
RT: 19.70 min Scan# 2842
Delta R.T. -0.01 min
Lab File: BM019182.D
Acq: 15 Mar 2019 12:33

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.4	8.2
122	10.6	9.4	14.2





#81

Benzo(a)anthracene

Concen: 2.012 ng

RT: 21.24 min Scan# 3104

Delta R.T. -0.01 min

Lab File: BM019182.D

Acq: 15 Mar 2019 12:33

Instrument :

BNA_M

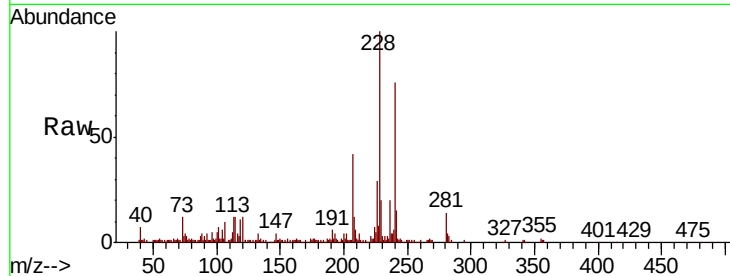
ClientSampleId :

PST-027-B116-030619

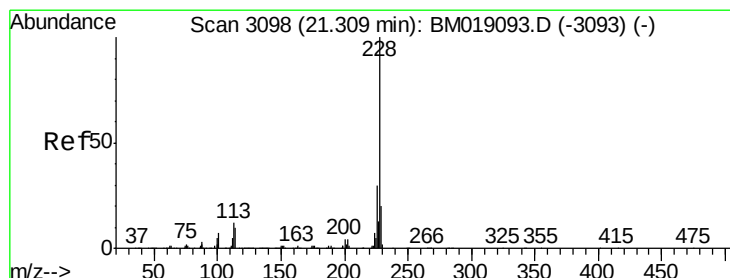
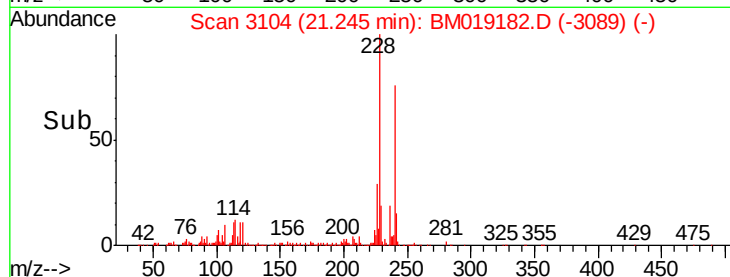
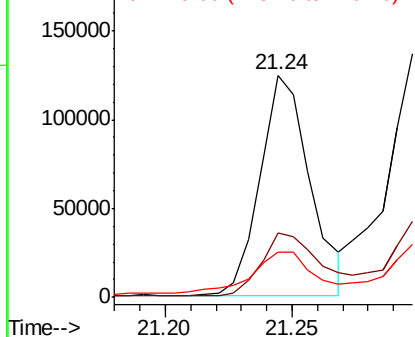
Tot Ion:	228	Resp:	170112
Ion Ratio	Lower	Upper	
228	100		
226	28.8	21.8	32.8
229	20.4	15.8	23.6

Manual Integrations
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3/18/2019 3:04:23 PM



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#83

Chrysene

Concen: 2.457 ng

RT: 21.30 min Scan# 3113

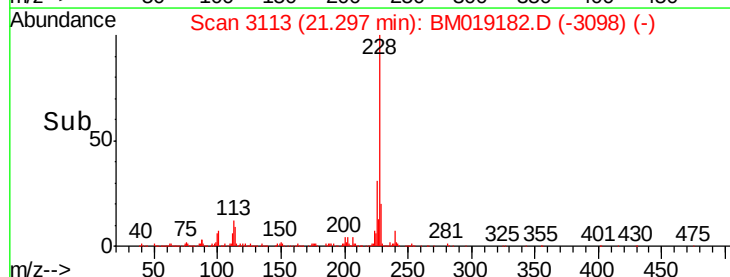
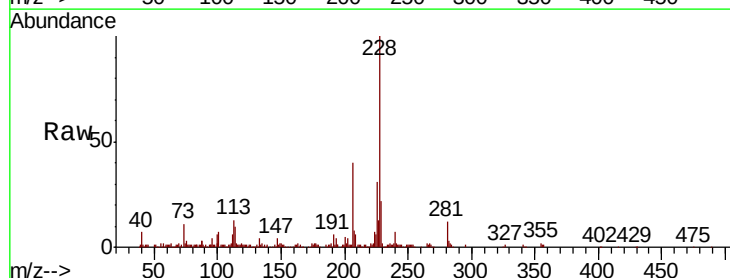
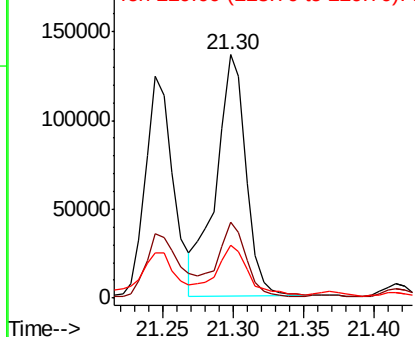
Delta R.T. -0.01 min

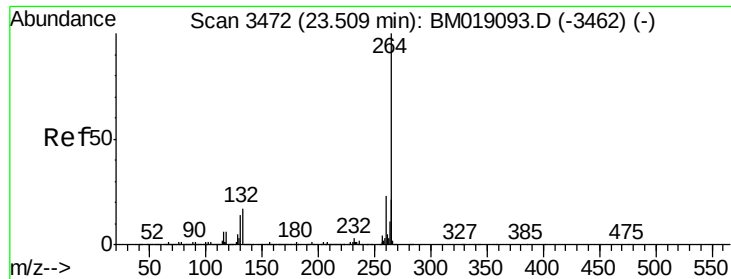
Lab File: BM019182.D

Acq: 15 Mar 2019 12:33

Tgt Ion:	228	Resp:	201010
Ion Ratio	Lower	Upper	
228	100		
226	31.1	23.8	35.8
229	21.9	15.7	23.5

Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E





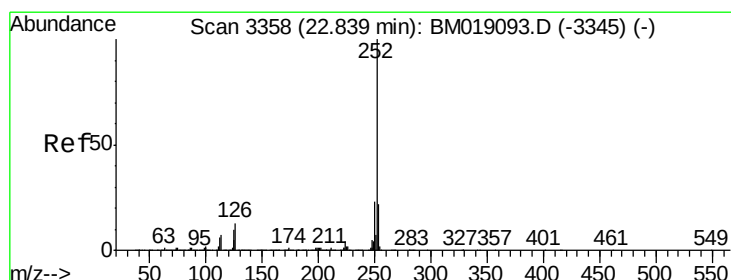
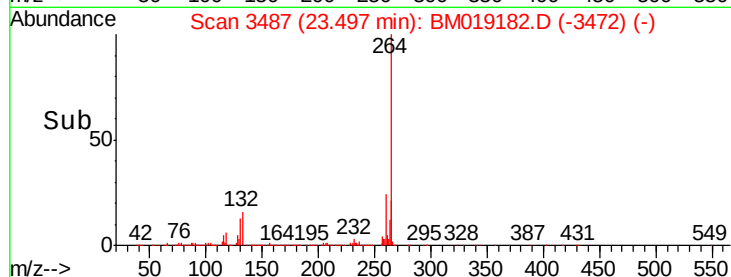
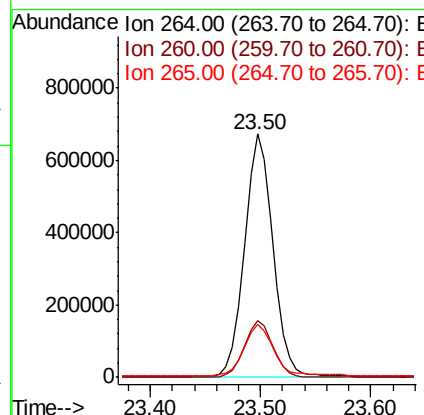
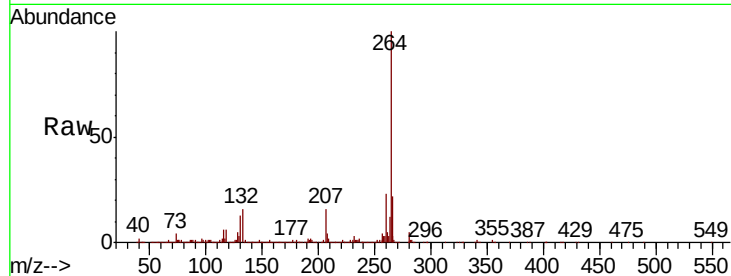
#87
Pervlene-d12
Concen: 20.000 ng
RT: 23.50 min Scan# 3487
Delta R.T. -0.01 min
Lab File: BM019182.D
Acq: 15 Mar 2019 12:33

Instrument :
BNA_M
ClientSampleId :
PST-027-B116-030619

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.6	28.0
265	21.7	17.3	25.9

Manual Integrations
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3/18/2019 3:04:23 PM



#88
Benzo(b)fluoranthene
Concen: 2.511 ng m
RT: 22.83 min Scan# 3373
Delta R.T. -0.01 min
Lab File: BM019182.D
Acq: 15 Mar 2019 12:33

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.7	17.6	26.4
125	14.0	8.1	12.1

