

Data Path : Z:\HPCHEM1\BNA M\DATA\BM012718\
 Data File : BM013886.D
 Acq On : 27 Jan 2018 16:19
 Operator : SJ/JU
 Sample : J1244-02
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F6B43

Manual Integrations
 APPROVED

Sohil
 1/29/2018 6:03:32 PM

Quant Time: Jan 28 01:40:06 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM011018.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sun Jan 28 01:01:50 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	129583	20.00	ng/ul	0.00
18) Naphthalene-d8	10.36	136	487800	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.23	164	291958	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.99	188	664693	20.00	ng/ul	0.00
75) Chrysene-d12	21.19	240	742040	20.00	ng/ul	0.00
83) Perylene-d12	23.38	264	722505	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.14	96	9579m	2.92	ng/uL	0.00
5) Phenol-d5	6.77	99	169578	17.05	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.93	67	113556	18.84	ng/ul	0.00
9) 2-Chlorophenol-d4	7.12	132	149643	18.46	ng/ul	0.00
13) 4-Methylphenol-d8	8.30	113	142117	18.58	ng/ul	0.00
19) Nitrobenzene-d5	8.74	128	75818	20.03	ng/ul	0.00
22) 2-Nitrophenol-d4	9.46	143	81918	20.48	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.99	165	152216	19.70	ng/ul	0.00
29) 4-Chloroaniline-d4	10.51	131	156387	23.33	ng/ul	0.00
43) Dimethylphthalate-d6	13.66	166	475204	19.75	ng/ul	0.00
46) Acenaphthylene-d8	13.93	160	604483	19.70	ng/ul	0.00
51) 4-Nitrophenol-d4	14.48	143	43365m	11.09	ng/ul	0.00
57) Fluorene-d10	15.23	176	421638	19.93	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.38	200	47818	11.95	ng/ul	0.00
70) Anthracene-d10	17.09	188	642461m	19.84	ng/ul	0.00
76) Pyrene-d10	19.39	212	735558	21.29	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.24	264	705078	21.23	ng/ul	0.00

Target Compounds

					Ovalue	
6) Phenol	6.80	94	24808	2.486	ng/ul	89
28) Naphthalene	10.40	128	637425	26.266	ng/ul	99
34) 2-Methylnaphthalene	12.03	142	356766	19.718	ng/ul	95
40) 1,1'-Biphenyl	13.06	154	84724	3.486	ng/ul	96
44) Dimethylphthalate	13.70	163	91285	3.858	ng/ul	97
49) Acenaphthene	14.30	153	272234	14.001	ng/ul	97
53) Dibenzofuran	14.64	168	300751	10.282	ng/ul	100
58) Fluorene	15.29	166	226888	9.469	ng/ul#	93
68) Pentachlorophenol	16.64	266	92161	20.523	ng/ul	94
69) Phenanthrene	17.03	178	1087752	29.440	ng/ul	99
71) Anthracene	17.12	178	148871	3.906	ng/ul	97
72) Carbazole	17.40	167	76955	2.446	ng/ul	95
74) Fluoranthene	19.06	202	644531	14.614	ng/ul#	98
77) Pyrene	19.42	202	465490	10.319	ng/ul#	96
80) Benzo(a)anthracene	21.17	228	95667	2.134	ng/ul	97
82) Chrysene	21.23	228	74517	1.812	ng/ul	96
85) Benzo(b)fluoranthene	22.73	252	60650	1.367	ng/ul#	96

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

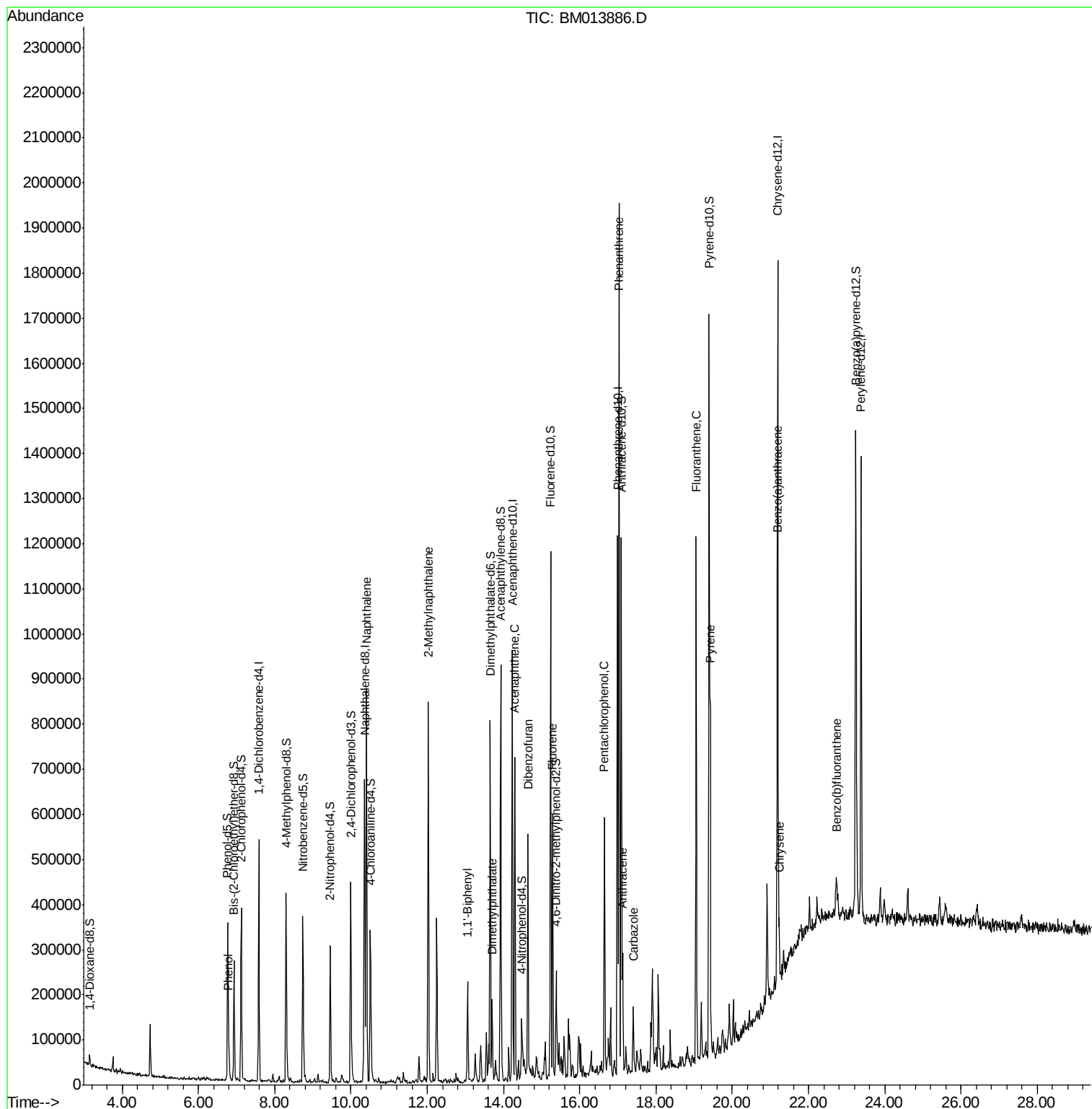
Data Path : Z:\HPCHEM1\BNA M\DATA\BM012718\
Data File : BM013886.D
Acq On : 27 Jan 2018 16:19
Operator : SJ/JU
Sample : J1244-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

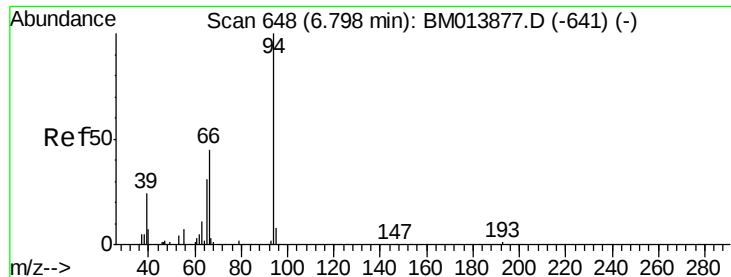
Instrument :
BNA_M
ClientSampled :
F6B43

Manual Integrations
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1/29/2018 6:03:32 PM

Quant Time: Jan 28 01:40:06 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun Jan 28 01:01:50 2018
Response via : Initial Calibration





#6

Phenol

Concen: 2.486 ng/ul

RT: 6.80 min Scan# 648

Delta R.T. 0.00 min

Lab File: BM013886.D

Acq: 27 Jan 2018 16:19

Instrument :

BNA_M

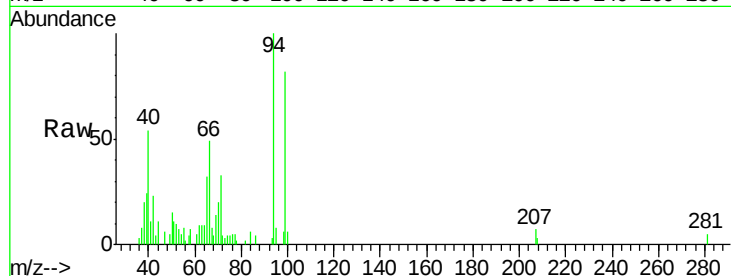
ClientSampled :

F6B43

Tot Ion:	94	Resp:	24808
Ion	Ratio	Lower	Upper
94	100		
65	32.2	28.2	42.4
66	48.8	47.2	70.8

Manual Integrations
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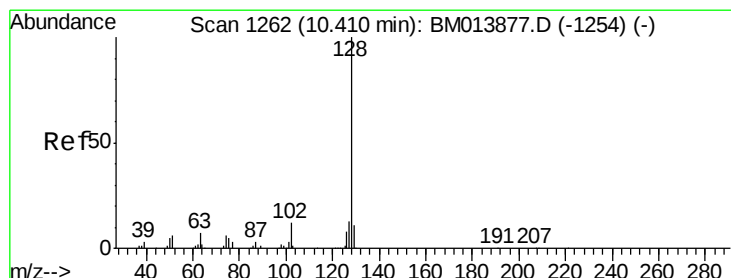
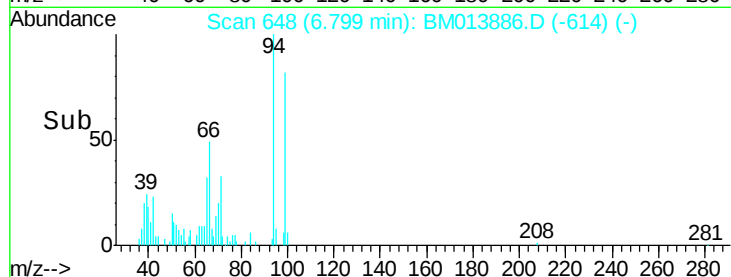
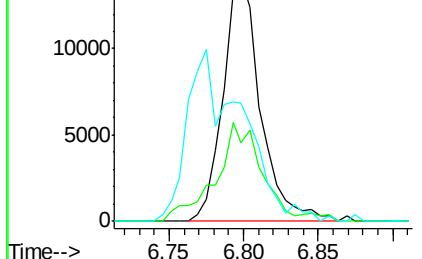


Abundance Ion 94.00 (93.70 to 94.70): BM013877.D (-641) (-)

Ion 65.00 (64.70 to 65.70): BM013877.D (-641) (-)

Ion 66.00 (65.70 to 66.70): BM013877.D (-641) (-)

Time-->



#28

Naphthalene

Concen: 26.266 ng/ul

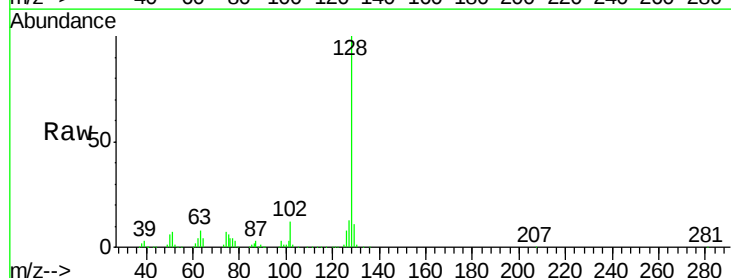
RT: 10.40 min Scan# 1261

Delta R.T. -0.01 min

Lab File: BM013886.D

Acq: 27 Jan 2018 16:19

Tgt Ion:	128	Resp:	637425
Ion	Ratio	Lower	Upper
128	100		
129	11.3	8.8	13.2
127	12.9	10.6	16.0

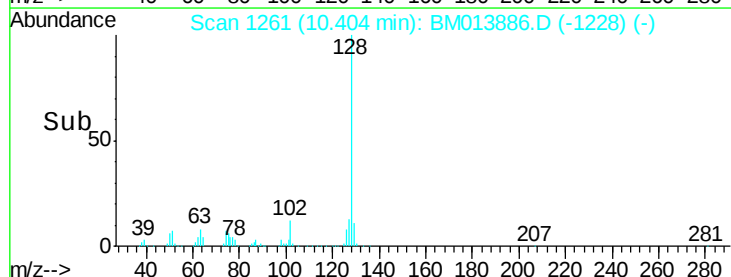
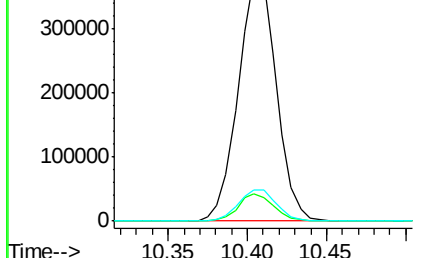


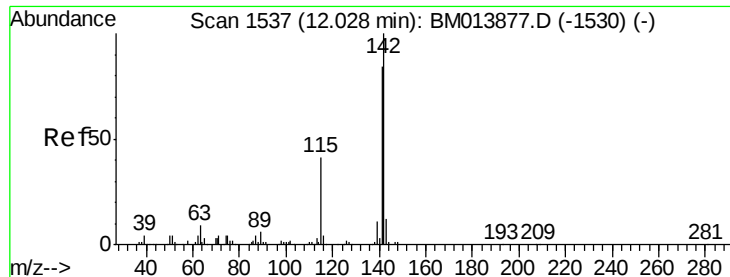
Abundance Ion 128.00 (127.70 to 128.70): BM013877.D (-1254) (-)

Ion 129.00 (128.70 to 129.70): BM013877.D (-1254) (-)

Ion 127.00 (126.70 to 127.70): BM013877.D (-1254) (-)

Time-->





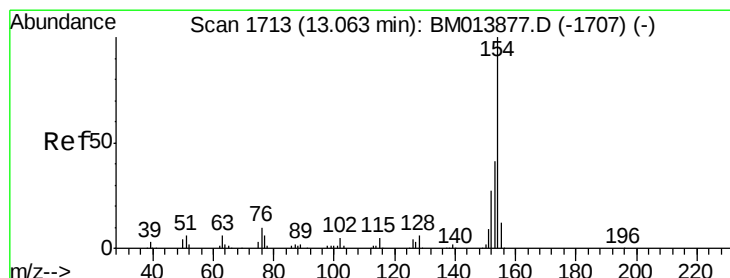
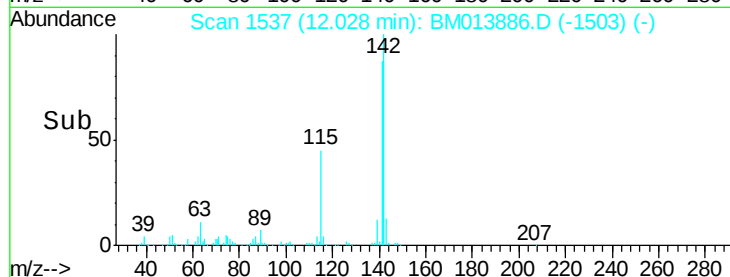
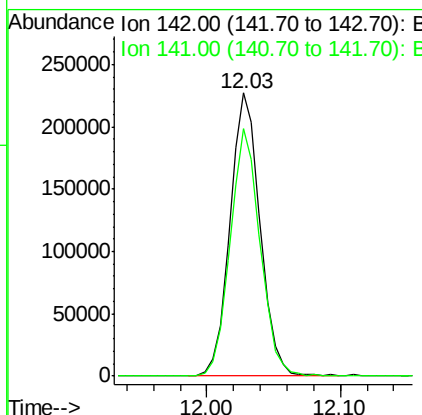
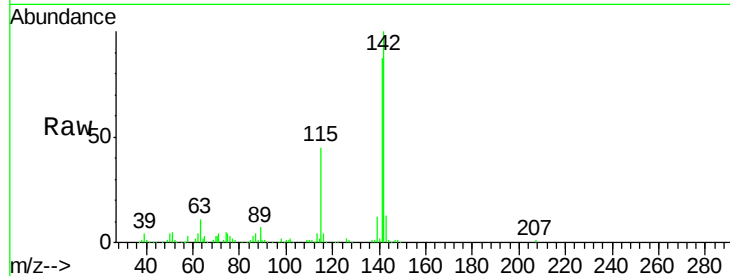
#34
 2-Methylnaphthalene
 Concen: 19.718 ng/ul
 RT: 12.03 min Scan# 1537
 Delta R.T. 0.00 min
 Lab File: BM013886.D
 Acq: 27 Jan 2018 16:19

Instrument :
 BNA_M
 ClientSampled :
 F6B43

Tot Ion	Ratio	Lower	Upper
142	100		
141	87.4	74.1	111.1

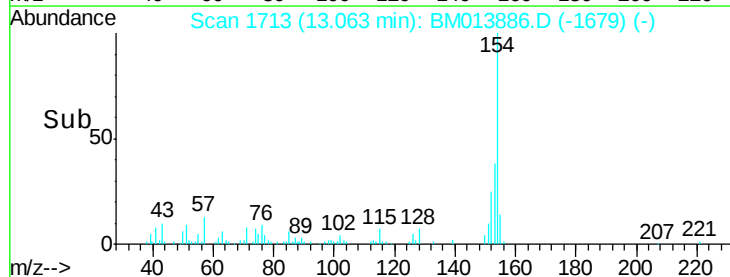
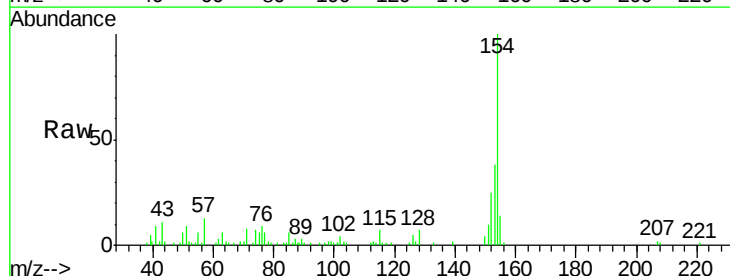
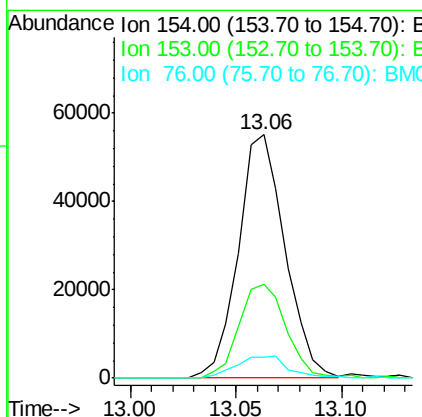
Manual Integrations
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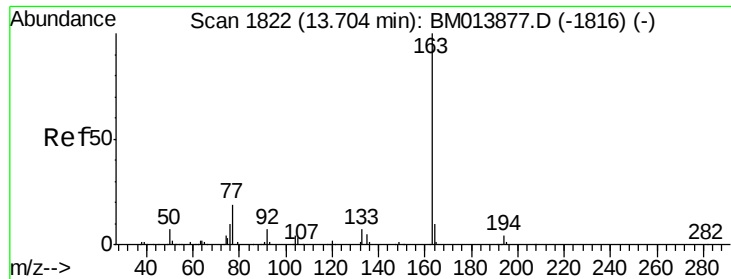
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#40
 1,1'-Biphenyl
 Concen: 3.486 ng/ul
 RT: 13.06 min Scan# 1713
 Delta R.T. 0.00 min
 Lab File: BM013886.D
 Acq: 27 Jan 2018 16:19

Tgt Ion	Ratio	Lower	Upper
154	100		
153	38.4	32.6	48.8
76	8.8	8.5	12.7





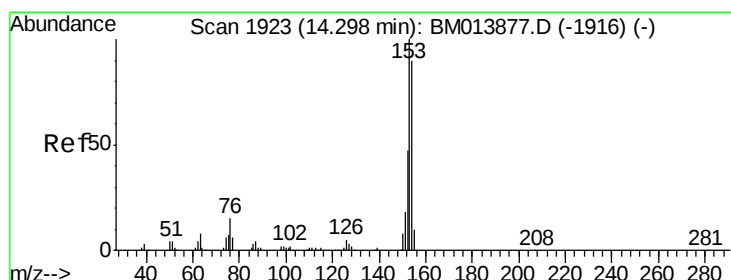
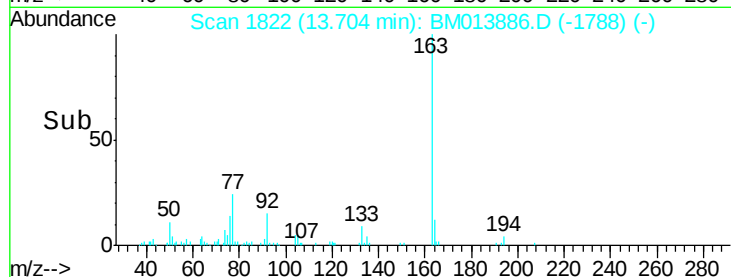
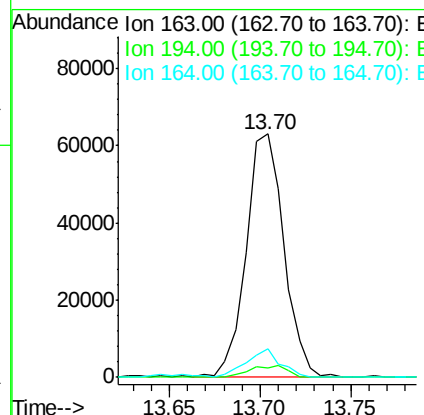
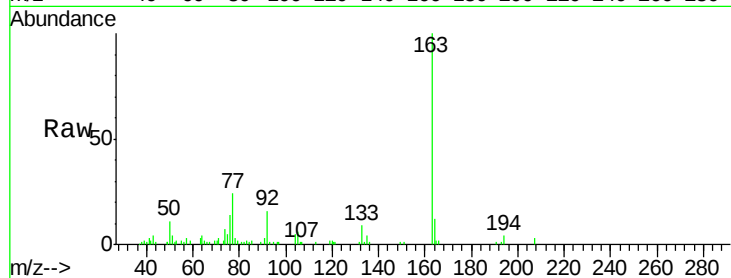
#44
Dimethylphthalate
Concen: 3.858 ng/ul
RT: 13.70 min Scan# 1822
Delta R.T. 0.00 min
Lab File: BM013886.D
Acq: 27 Jan 2018 16:19

Instrument :
BNA_M
ClientSampleId :
F6B43

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.7	3.5	5.3
164	11.6	8.2	12.4

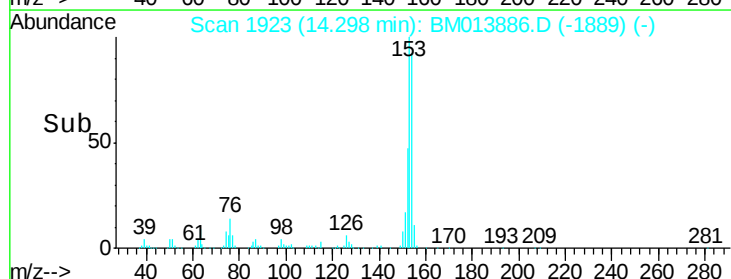
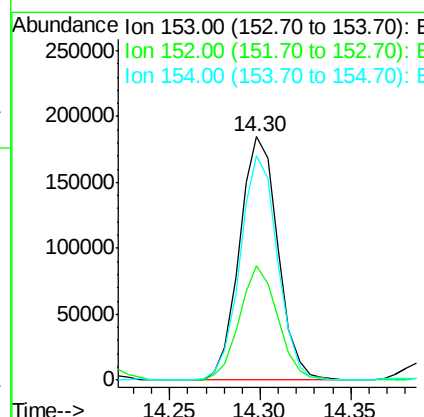
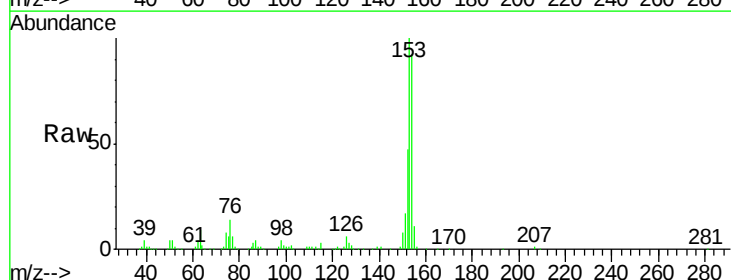
Manual Integrations
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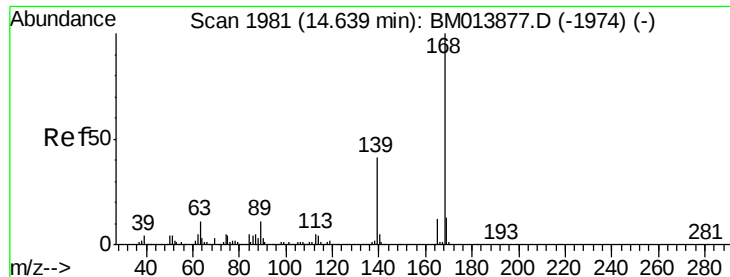
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#49
Acenaphthene
Concen: 14.001 ng/ul
RT: 14.30 min Scan# 1923
Delta R.T. 0.00 min
Lab File: BM013886.D
Acq: 27 Jan 2018 16:19

Tgt Ion	Ratio	Lower	Upper
153	100		
152	46.9	37.6	56.4
154	92.1	70.4	105.6





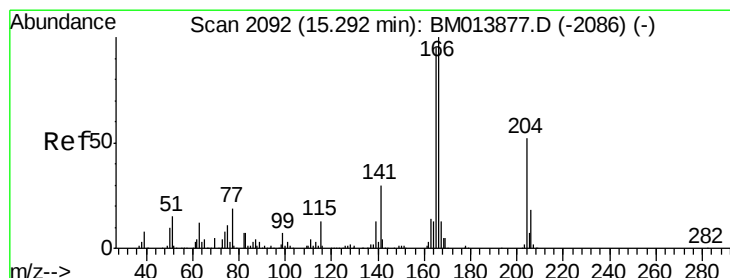
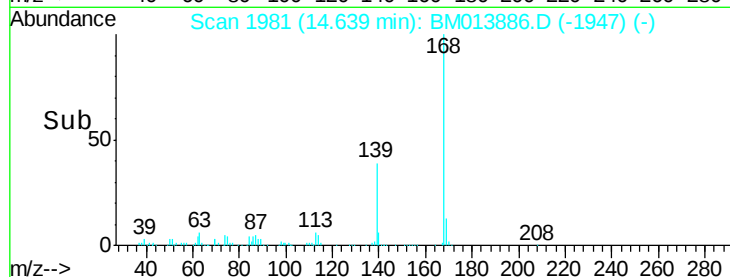
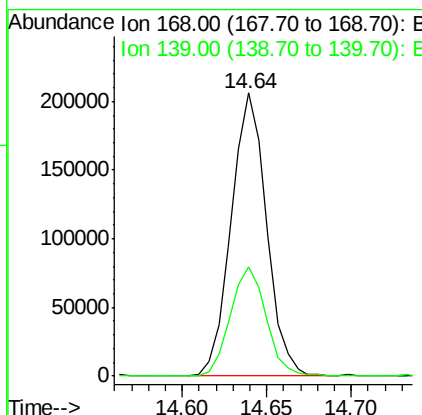
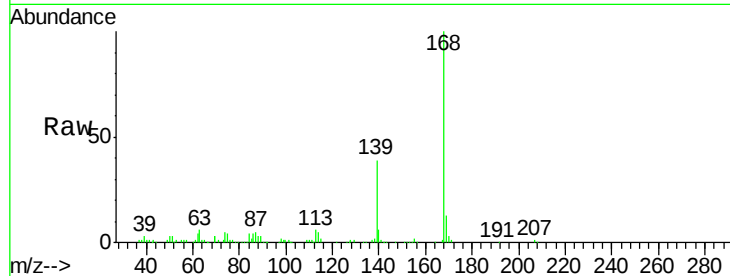
#53
Dibenzenofuran
Concen: 10.282 ng/ul
RT: 14.64 min Scan# 1981
Delta R.T. 0.00 min
Lab File: BM013886.D
Acq: 27 Jan 2018 16:19

Instrument :
BNA_M
ClientSampled :
F6B43

Tot Ion	Ion	Ratio	Resp	Lower	Upper
168	100		300751		
139	38.6		30.8	46.2	

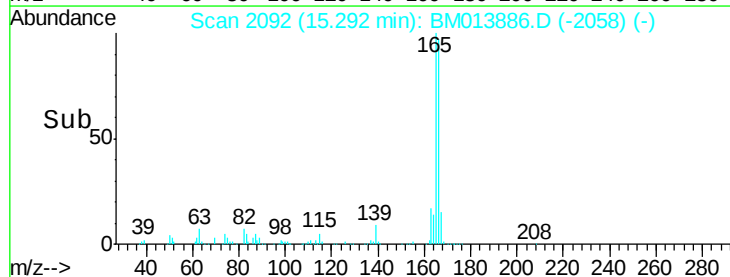
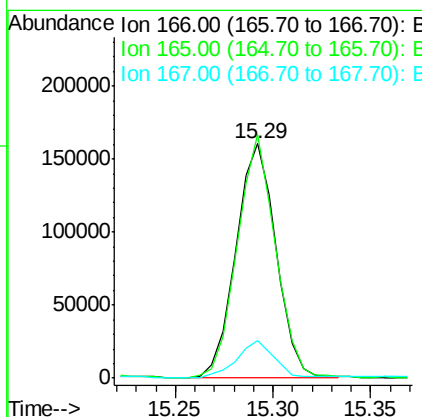
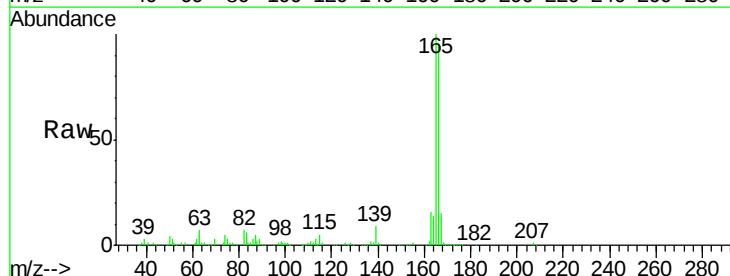
Manual Integrations
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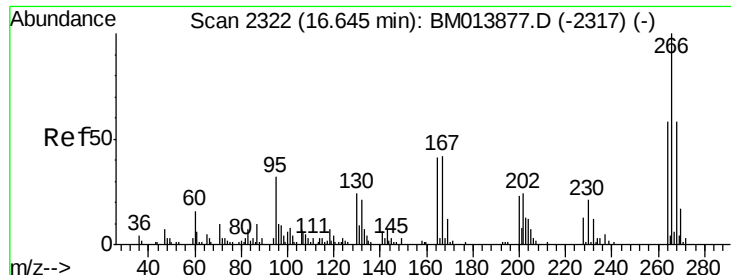
Sohil
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#58
Fluorene
Concen: 9.469 ng/ul
RT: 15.29 min Scan# 2092
Delta R.T. 0.00 min
Lab File: BM013886.D
Acq: 27 Jan 2018 16:19

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		226888		
165	103.9		77.9	116.9	
167	16.0		10.6	16.0#	





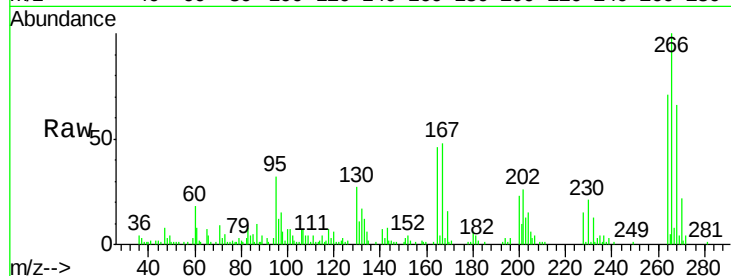
#68
 Pentachlorophenol
 Concen: 20.523 ng/ul
 RT: 16.64 min Scan# 2322
 Delta R.T. 0.00 min
 Lab File: BM013886.D
 Acq: 27 Jan 2018 16:19

Instrument :
 BNA_M
 ClientSampled :
 F6B43

Tot Ion	Ratio	Lower	Upper
266	100		
264	70.7	49.3	73.9
268	66.2	52.6	78.8

Manual Integrations
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 1/29/2018 6:03:32 PM

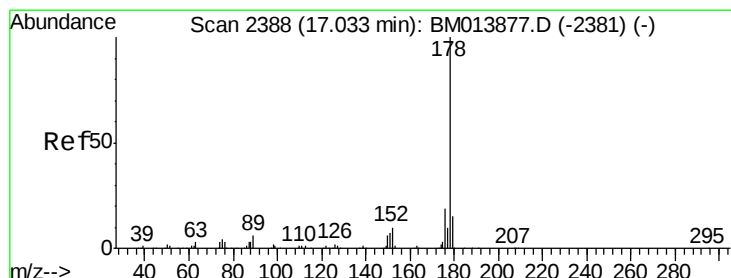
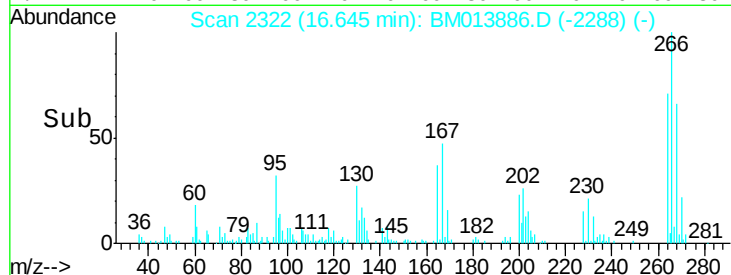
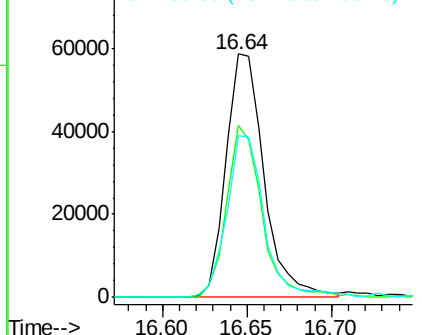


Abundance

Ion 265.70 (265.40 to 266.40): E

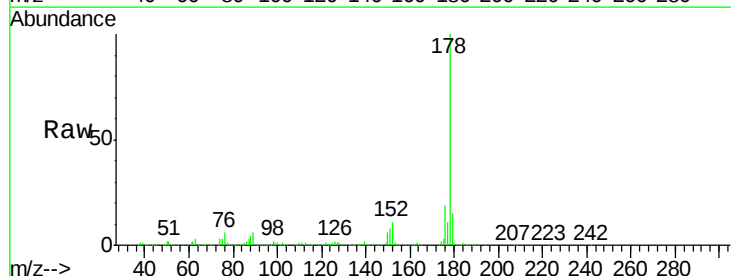
Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E



#69
 Phenanthrene
 Concen: 29.440 ng/ul
 RT: 17.03 min Scan# 2388
 Delta R.T. 0.00 min
 Lab File: BM013886.D
 Acq: 27 Jan 2018 16:19

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.0	12.6	19.0
176	18.7	14.9	22.3

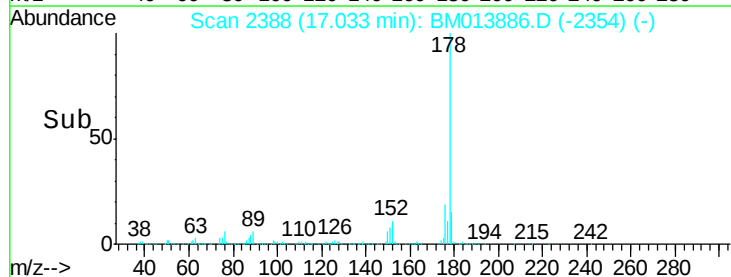
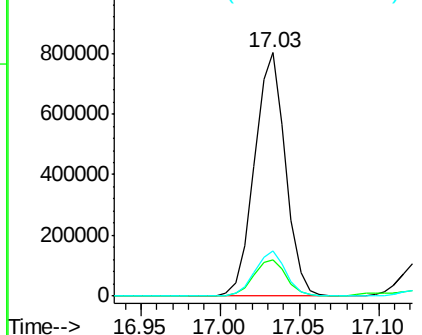


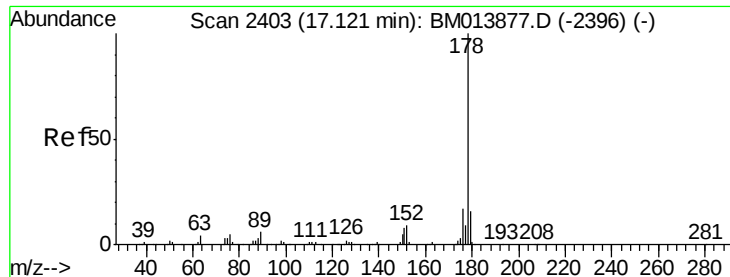
Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





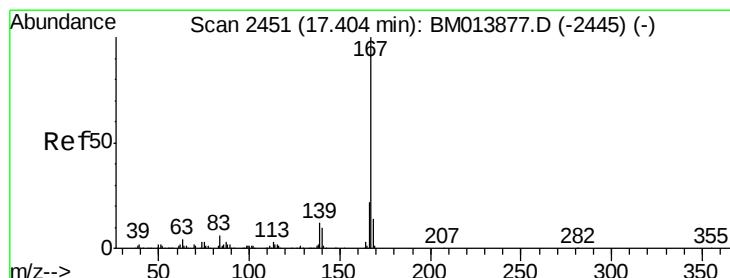
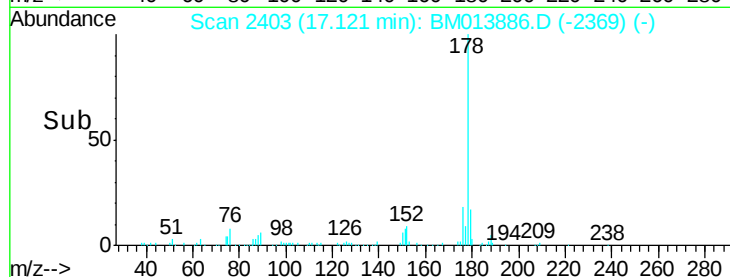
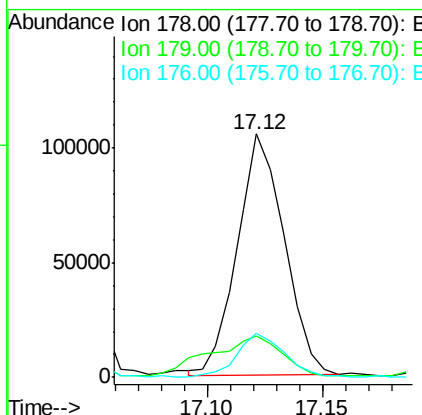
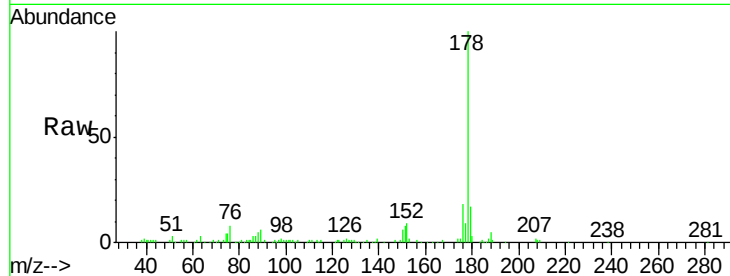
#71
 Anthracene
 Concen: 3.906 ng/ul
 RT: 17.12 min Scan# 2403
 Delta R.T. 0.00 min
 Lab File: BM013886.D
 Acq: 27 Jan 2018 16:19

Instrument :
 BNA_M
 ClientSampleId :
 F6B43

Tot Ion	Ratio	Lower	Upper
178	100		
179	16.8	11.7	17.5
176	17.8	14.6	21.8

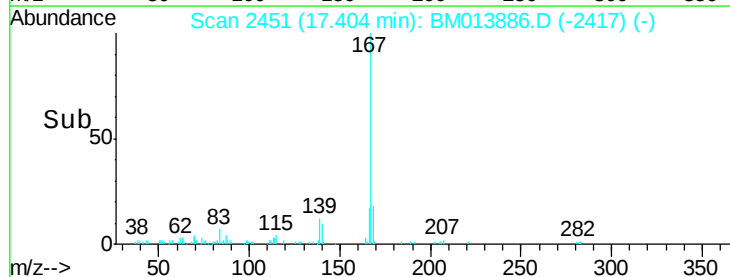
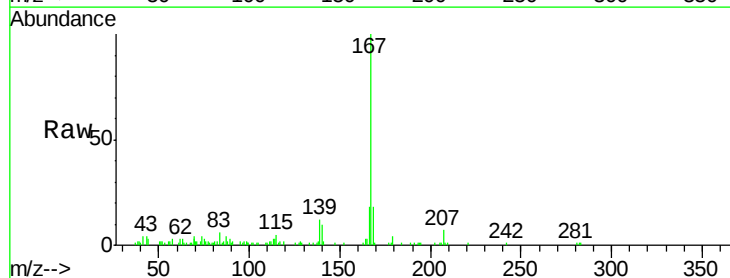
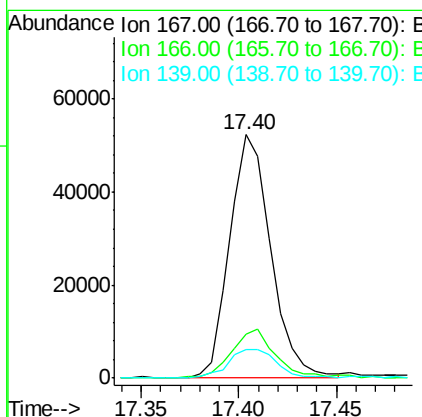
Manual Integrations
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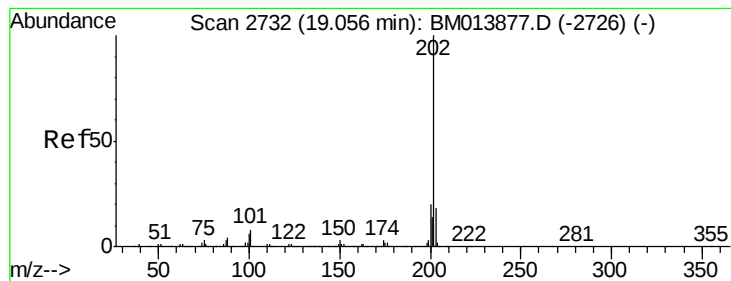
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 1/29/2018 6:03:32 PM



#72
 Carbazole
 Concen: 2.446 ng/ul
 RT: 17.40 min Scan# 2451
 Delta R.T. 0.00 min
 Lab File: BM013886.D
 Acq: 27 Jan 2018 16:19

Tgt Ion	Ratio	Lower	Upper
167	100		
166	18.2	17.1	25.7
139	11.6	10.0	15.0





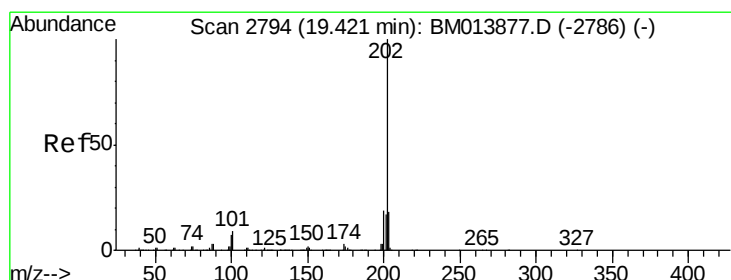
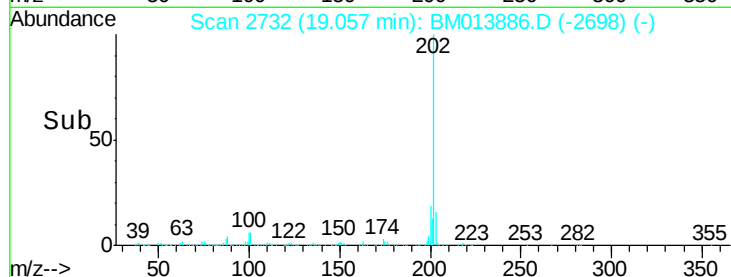
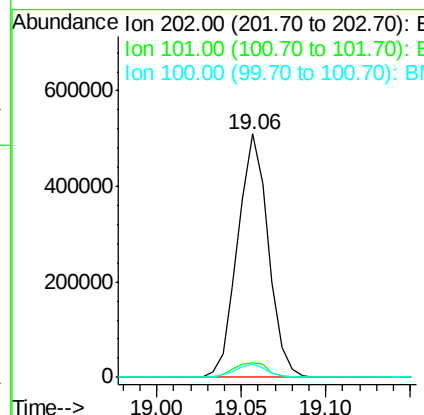
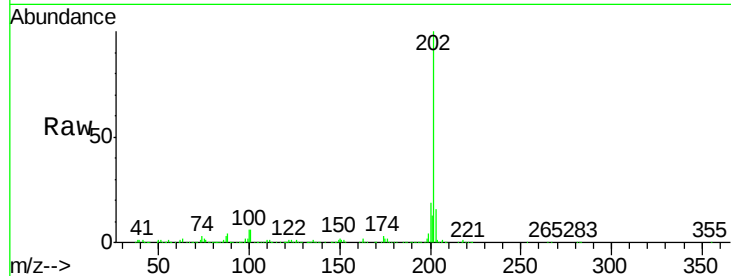
#74
 Fluoranthene
 Concen: 14.614 ng/ul
 RT: 19.06 min Scan# 2732
 Delta R.T. 0.00 min
 Lab File: BM013886.D
 Acq: 27 Jan 2018 16:19

Instrument :
 BNA_M
 ClientSampleId :
 F6B43

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	6.1	4.6	7.0
100	5.7	3.4	5.2

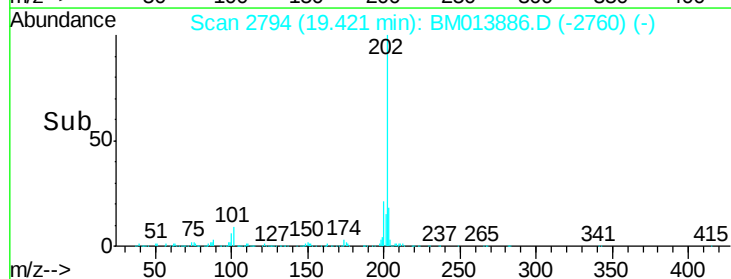
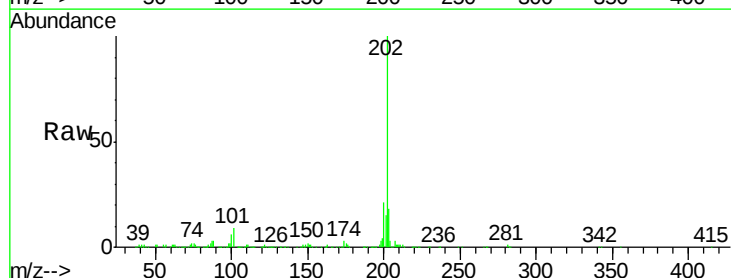
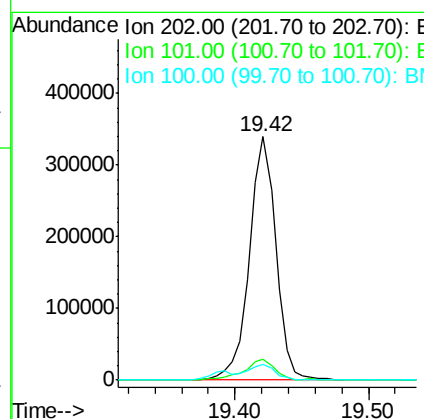
Manual Integrations
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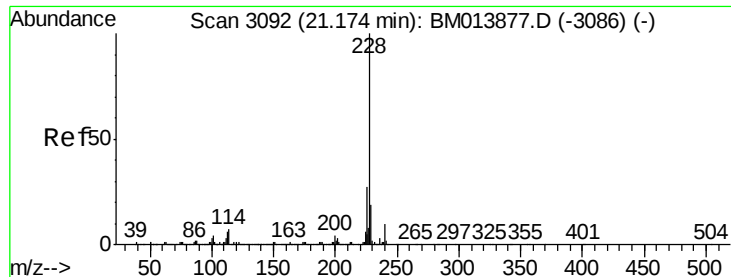
Sohil
 1/29/2018 6:03:32 PM



#77
 Pyrene
 Concen: 10.319 ng/ul
 RT: 19.42 min Scan# 2794
 Delta R.T. 0.00 min
 Lab File: BM013886.D
 Acq: 27 Jan 2018 16:19

Tgt Ion	Ratio	Resp Lower	Upper
202	100		
101	8.7	5.1	7.7
100	6.3	4.9	7.3





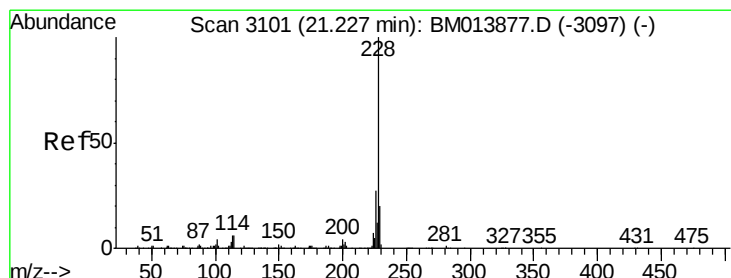
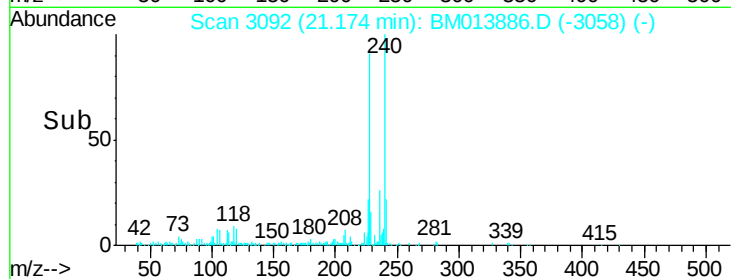
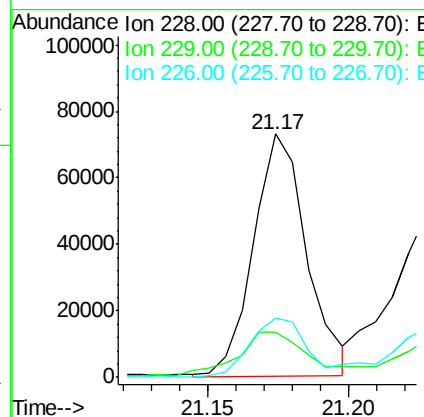
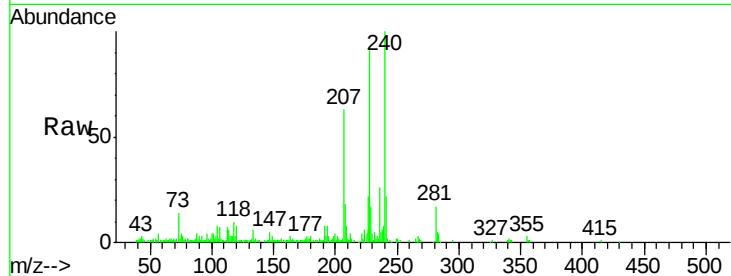
#80
Benzo(a)anthracene
Concen: 2.134 ng/ul
RT: 21.17 min Scan# 3092
Delta R.T. 0.00 min
Lab File: BM013886.D
Acq: 27 Jan 2018 16:19

Instrument :
BNA_M
ClientSampled :
F6B43

Tot Ion	Ratio	Lower	Upper
228	100		
229	18.7	15.4	23.0
226	24.3	21.4	32.0

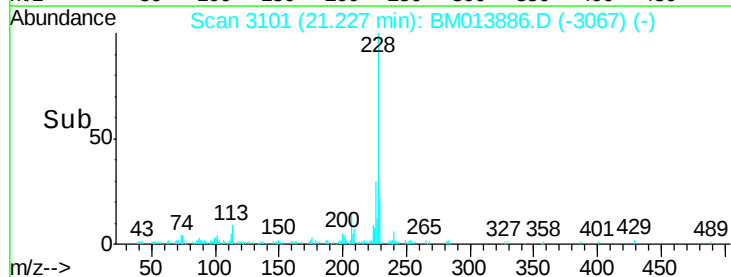
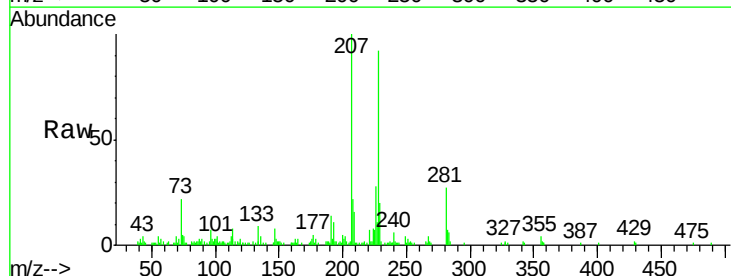
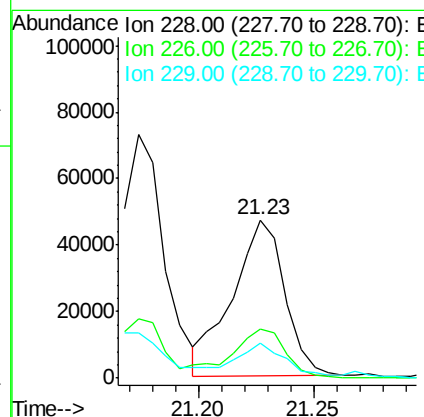
Manual Integrations
APPROVED

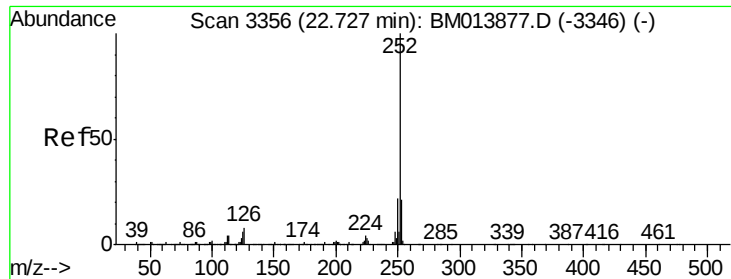
Sohil
1/29/2018 6:03:32 PM



#82
Chrysene
Concen: 1.812 ng/ul
RT: 21.23 min Scan# 3101
Delta R.T. 0.00 min
Lab File: BM013886.D
Acq: 27 Jan 2018 16:19

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.6	23.4	35.2
229	22.3	15.5	23.3





#85
 Benzo(b)fluoranthene
 Concen: 1.367 ng/ul
 RT: 22.73 min Scan# 3357
 Delta R.T. 0.01 min
 Lab File: BM013886.D
 Acq: 27 Jan 2018 16:19

Instrument :
 BNA_M
 ClientSampleId :
 F6B43

Tot Ion	Ratio	Lower	Upper
252	100		
253	20.7	17.9	26.9
125	5.7	3.6	5.4

Manual Integrations
 APPROVED

Sohil
 1/29/2018 6:03:32 PM

