

Data Path : Z:\HPCHEM1\BNA M\DATA\BM012918\
 Data File : BM013982.D
 Acq On : 30 Jan 2018 05:41
 Operator : SJ/JU
 Sample : J1243-10DL 30X
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F6B33DL

Manual Integrations
 APPROVED

Sohil
 1/30/2018 3:34:53 PM

Quant Time: Jan 30 12:08:16 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM011018.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jan 30 07:49:34 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.57	152	81547	20.00	ng/ul	0.00
18) Naphthalene-d8	10.34	136	352052	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.22	164	229510	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.97	188	569185	20.00	ng/ul	0.00
75) Chrysene-d12	21.18	240	712668	20.00	ng/ul	0.00
83) Perylene-d12	23.36	264	672963	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	0.00	96	0	0.00	ng/uL	
5) Phenol-d5	6.80	99	2203	0.35	ng/ul	0.04
7) Bis-(2-Chloroethyl)ether-d	6.94	67	1477	0.39	ng/ul	0.02
9) 2-Chlorophenol-d4	7.12	132	2326	0.46	ng/ul	0.02
13) 4-Methylphenol-d8	8.33	113	1843	0.38	ng/ul	0.04
19) Nitrobenzene-d5	8.76	128	1532m	0.56	ng/ul	0.03
22) 2-Nitrophenol-d4	9.46	143	1365	0.47	ng/ul	0.02
26) 2,4-Dichlorophenol-d3	10.03	165	1585	0.28	ng/ul	0.05
29) 4-Chloroaniline-d4	10.53	131	1683	0.35	ng/ul	0.04
43) Dimethylphthalate-d6	13.64	166	20286	1.07	ng/ul	0.00
46) Acenaphthylene-d8	13.92	160	20047	0.83	ng/ul	0.00
51) 4-Nitrophenol-d4	14.57	143	305	0.10	ng/ul	0.11
57) Fluorene-d10	15.23	176	16715	1.00	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.40	200	545	0.16	ng/ul	0.04
70) Anthracene-d10	17.07	188	25449	0.92	ng/ul	0.00
76) Pyrene-d10	19.38	212	36261	1.09	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.23	264	31138	1.01	ng/ul	0.00

Target Compounds

					Ovalue	
28) Naphthalene	10.39	128	1016949	58.063	ng/ul	98
34) 2-Methylnaphthalene	12.02	142	470405	36.024	ng/ul	95
40) 1,1'-Biphenyl	13.04	154	130765	6.845	ng/ul	98
49) Acenaphthene	14.29	153	372812	24.390	ng/ul	95
53) Dibenzofuran	14.63	168	528336	22.976	ng/ul	99
58) Fluorene	15.28	166	331453	17.597	ng/ul	97
68) Pentachlorophenol	16.64	266	15262	3.969	ng/ul	91
69) Phenanthrene	17.02	178	2171649	68.639	ng/ul	99
71) Anthracene	17.11	178	272258m	8.343	ng/ul	
72) Carbazole	17.39	167	103324	3.836	ng/ul	99
74) Fluoranthene	19.04	202	1202745	31.847	ng/ul	98
77) Pyrene	19.41	202	767525	17.715	ng/ul	97
80) Benzo(a)anthracene	21.16	228	159758	3.710	ng/ul	95
82) Chrysene	21.21	228	107482	2.721	ng/ul	96
85) Benzo(b)fluoranthene	22.71	252	60858	1.473	ng/ul#	95

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

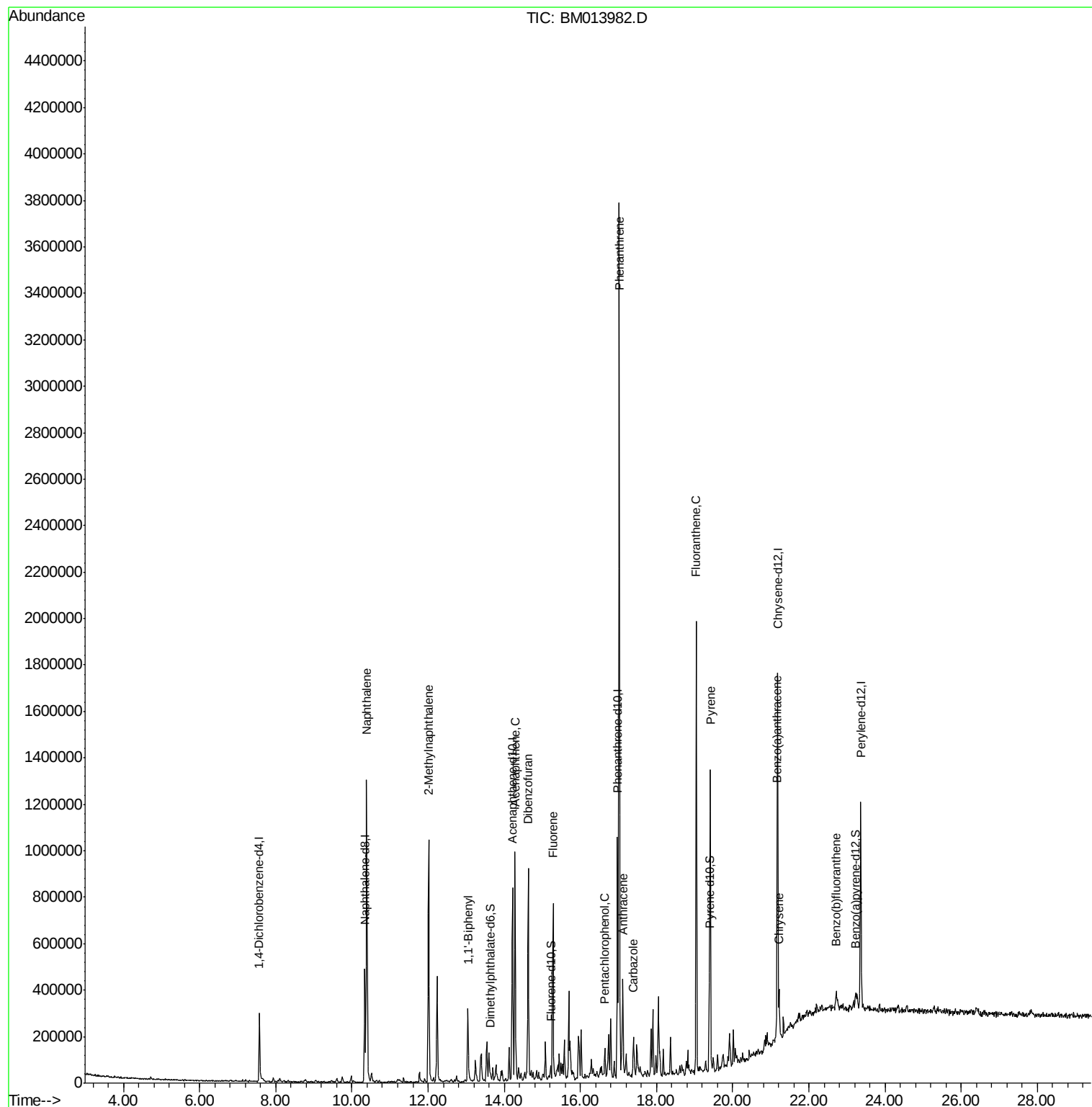
Data Path : Z:\HPCHEM1\BNA M\DATA\BM012918\
Data File : BM013982.D
Acq On : 30 Jan 2018 05:41
Operator : SJ/JU
Sample : J1243-10DL 30X
Misc :
ALS Vial : 27 Sample Multiplier: 1

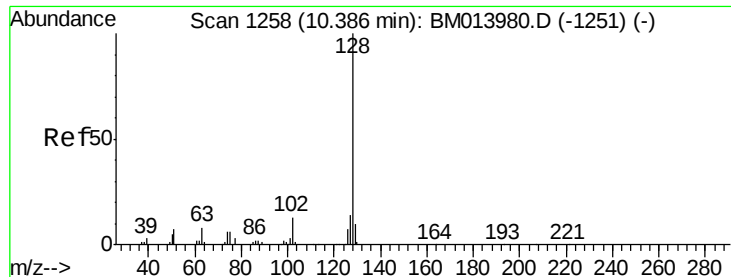
Instrument :
BNA_M
ClientSampleId :
F6B33DL

Manual Integrations
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Quant Time: Jan 30 12:08:16 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jan 30 07:49:34 2018
Response via : Initial Calibration





#28

Naphthalene

Concen: 58.063 ng/ul

RT: 10.39 min Scan# 1259

Delta R.T. 0.01 min

Lab File: BM013982.D

Acq: 30 Jan 2018 05:41

Instrument :

BNA_M

ClientSampleId :

F6B33DL

Tot Ion:128 Resp: 1016949

Ion Ratio Lower Upper

128 100

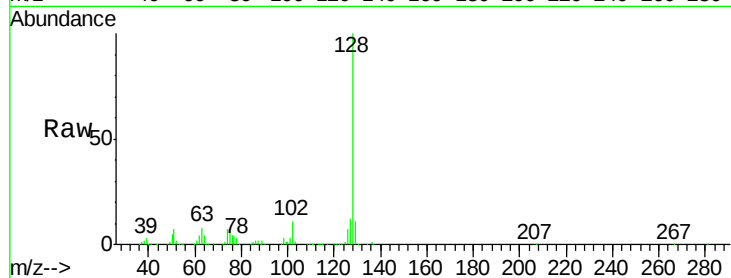
129 10.6 8.8 13.2

127 12.4 10.6 16.0

Manual Integrations
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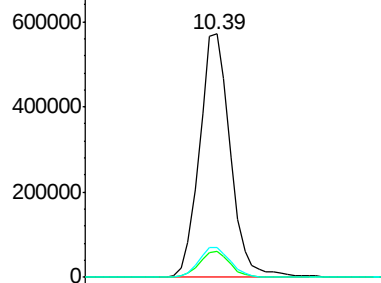
1/30/2018 3:34:53 PM



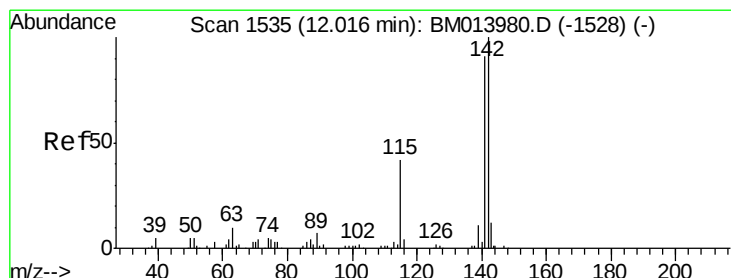
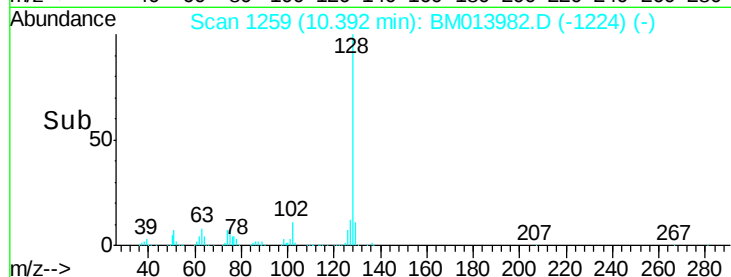
Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



Time-->



#34

2-Methylnaphthalene

Concen: 36.024 ng/ul

RT: 12.02 min Scan# 1535

Delta R.T. -0.00 min

Lab File: BM013982.D

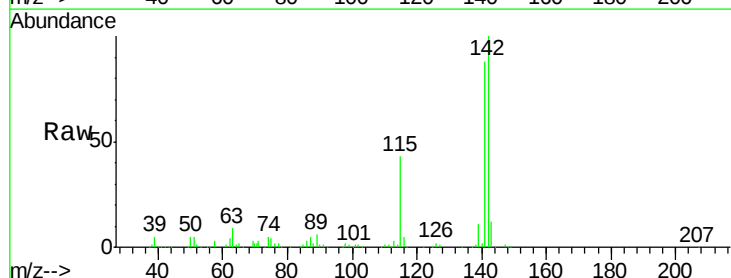
Acq: 30 Jan 2018 05:41

Tgt Ion:142 Resp: 470405

Ion Ratio Lower Upper

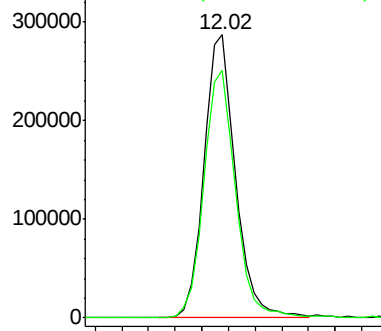
142 100

141 87.5 74.1 111.1

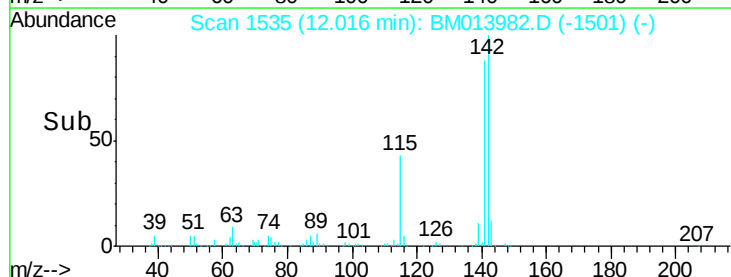


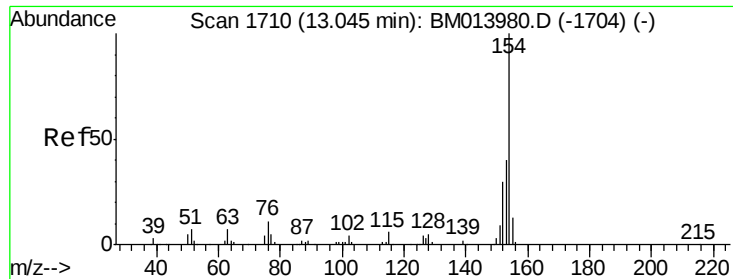
Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E



Time-->





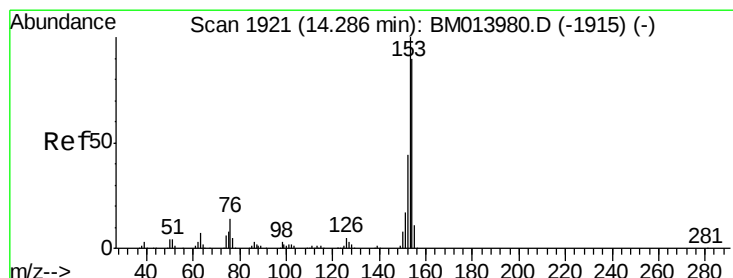
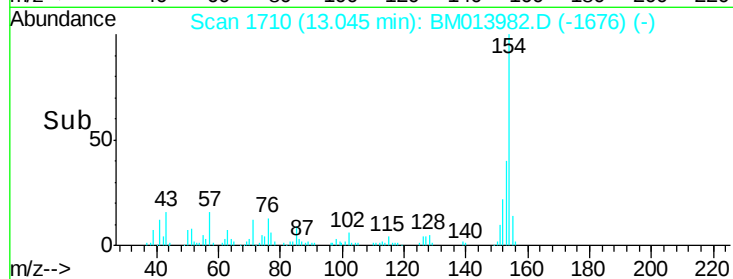
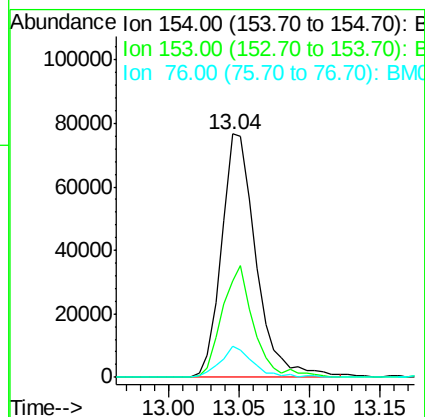
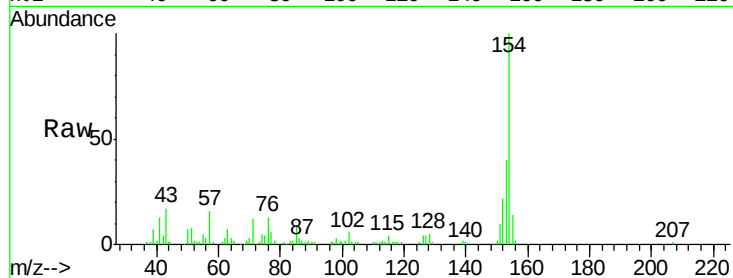
#40
1,1'-Biphenyl
Concen: 6.845 ng/ul
RT: 13.04 min Scan# 1710
Delta R.T. -0.00 min
Lab File: BM013982.D
Acq: 30 Jan 2018 05:41

Instrument :
BNA_M
ClientSampled :
F6B33DL

Tot Ion	Ion	Ratio	Resp	Lower	Upper
154	100				
153	39.6		32.6	48.8	
76	12.6		8.5	12.7	

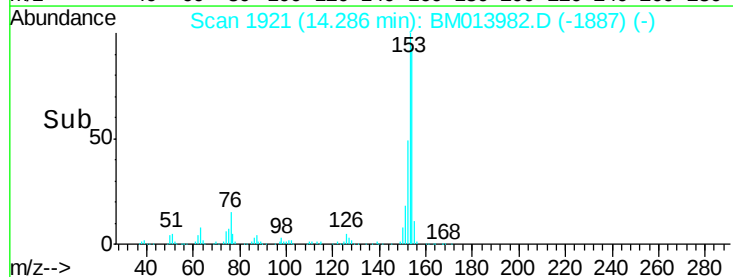
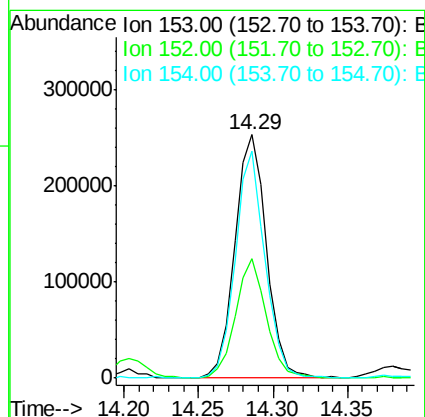
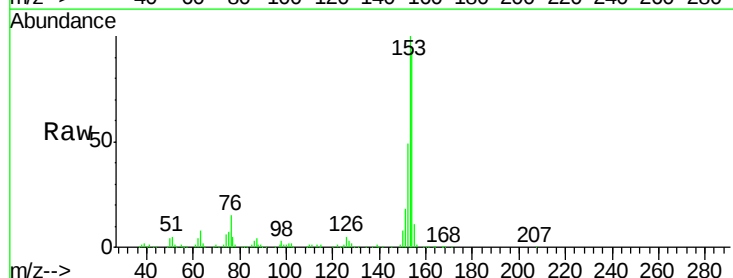
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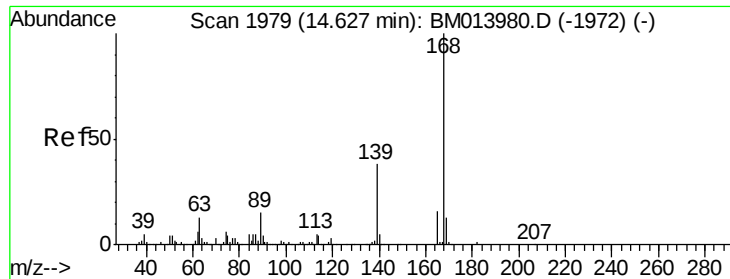
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#49
Acenaphthene
Concen: 24.390 ng/ul
RT: 14.29 min Scan# 1921
Delta R.T. -0.00 min
Lab File: BM013982.D
Acq: 30 Jan 2018 05:41

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
153	100				
152	49.3		37.6	56.4	
154	93.2		70.4	105.6	





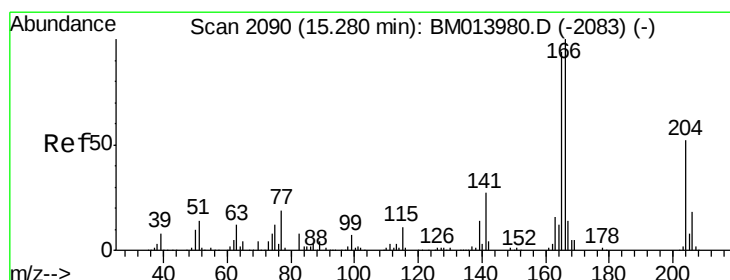
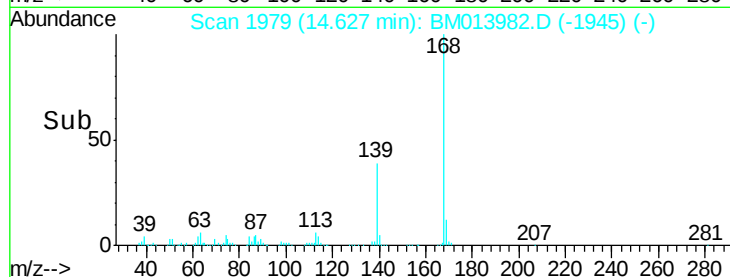
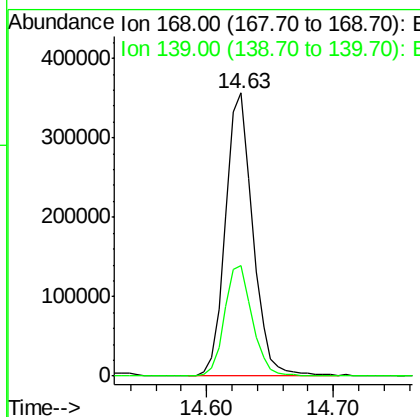
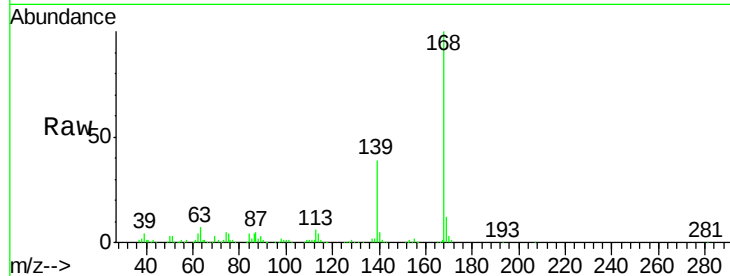
#53
Dibenzenofuran
Concen: 22.976 ng/ul
RT: 14.63 min Scan# 1979
Delta R.T. -0.00 min
Lab File: BM013982.D
Acq: 30 Jan 2018 05:41

Instrument :
BNA_M
ClientSampleId :
F6B33DL

Tot Ion	Ion	Ratio	Resp	Lower	Upper
168	100		528336		
139	39.2		30.8	46.2	

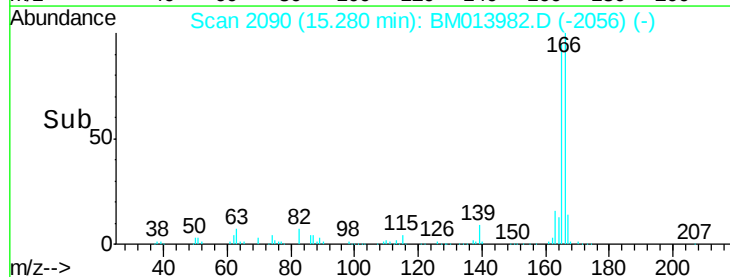
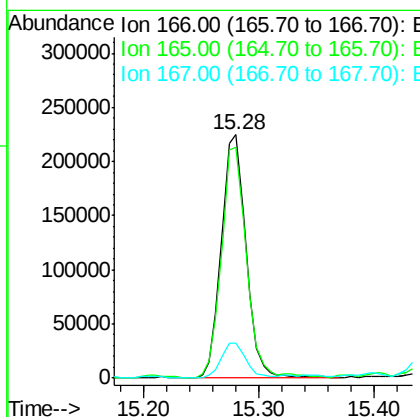
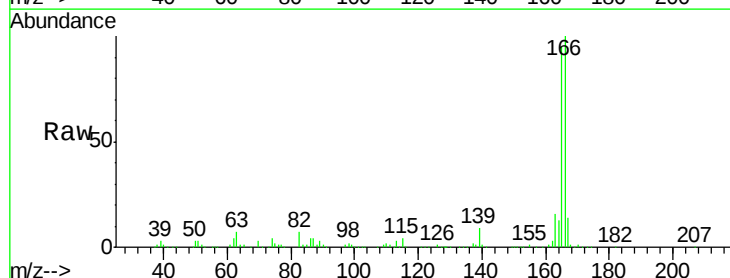
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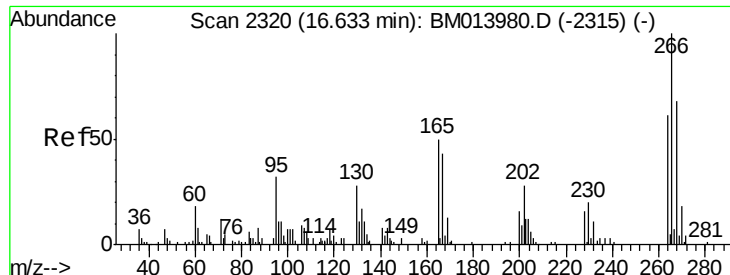
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#58
Fluorene
Concen: 17.597 ng/ul
RT: 15.28 min Scan# 2090
Delta R.T. -0.00 min
Lab File: BM013982.D
Acq: 30 Jan 2018 05:41

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		331453		
165	94.9		77.9	116.9	
167	14.3		10.6	16.0	





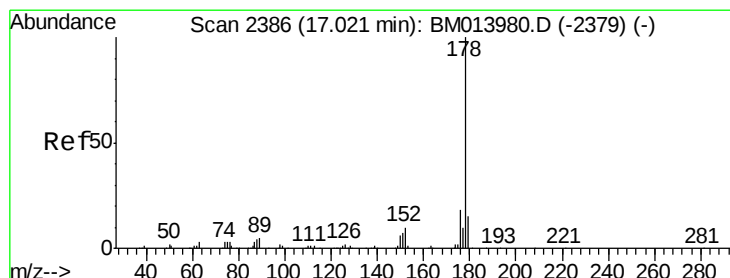
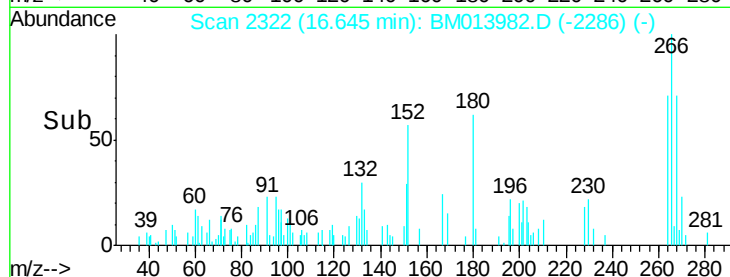
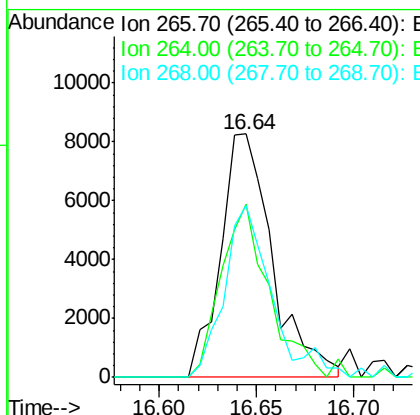
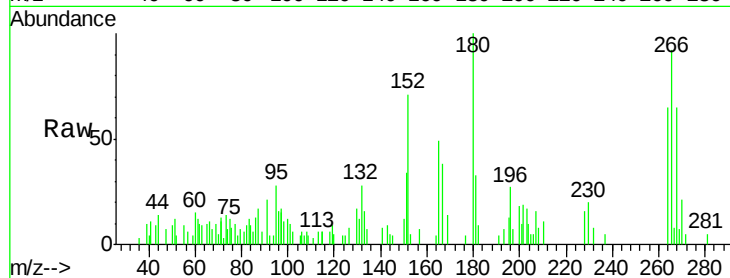
#68
 Pentachlorophenol
 Concen: 3.969 ng/ul
 RT: 16.64 min Scan# 2322
 Delta R.T. 0.01 min
 Lab File: BM013982.D
 Acq: 30 Jan 2018 05:41

Instrument :
 BNA_M
 ClientSampled :
 F6B33DL

Tot Ion	Ratio	Lower	Upper
266	100		
264	71.1	49.3	73.9
268	70.6	52.6	78.8

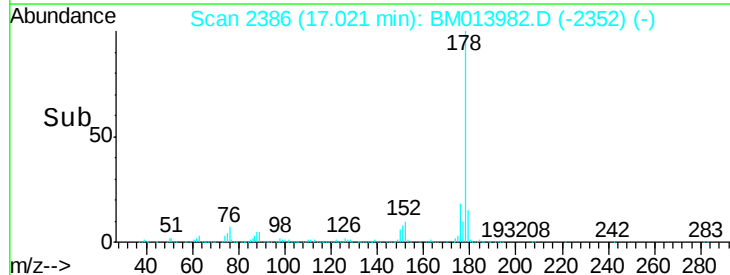
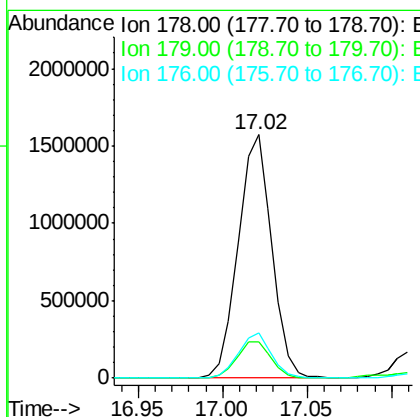
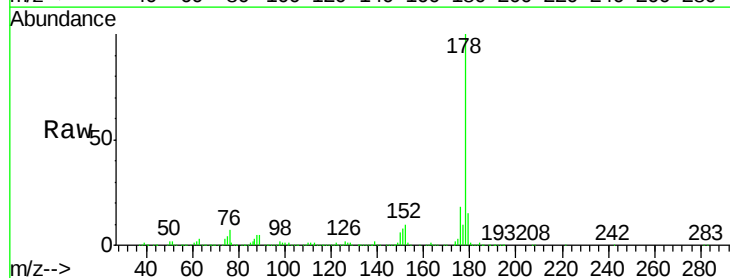
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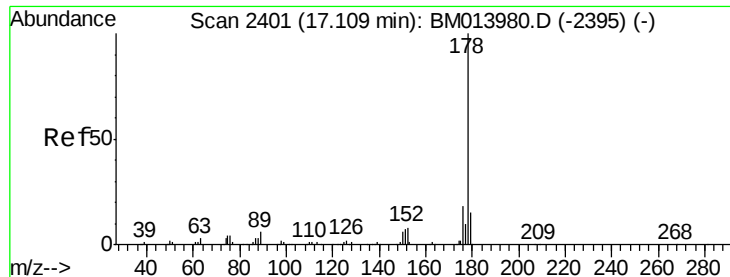
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#69
 Phenanthrene
 Concen: 68.639 ng/ul
 RT: 17.02 min Scan# 2386
 Delta R.T. -0.00 min
 Lab File: BM013982.D
 Acq: 30 Jan 2018 05:41

Tgt Ion	Ratio	Lower	Upper
178	100		
179	14.9	12.6	19.0
176	18.5	14.9	22.3





#71

Anthracene

Concen: 8.343 ng/ul

RT: 17.11 min Scan# 2401

Delta R.T. -0.00 min

Lab File: BM013982.D

Acq: 30 Jan 2018 05:41

Instrument :

BNA_M

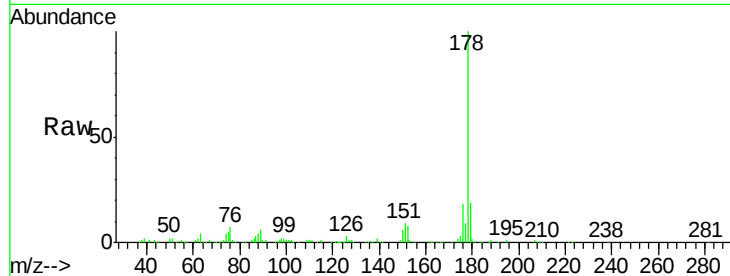
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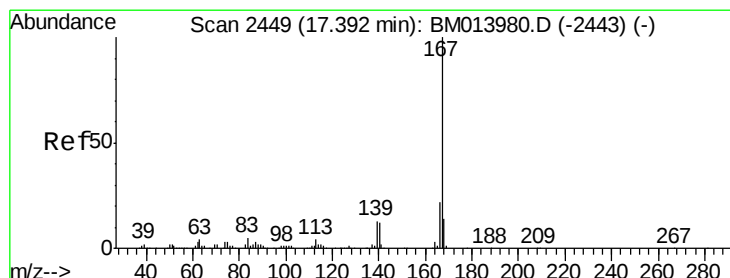
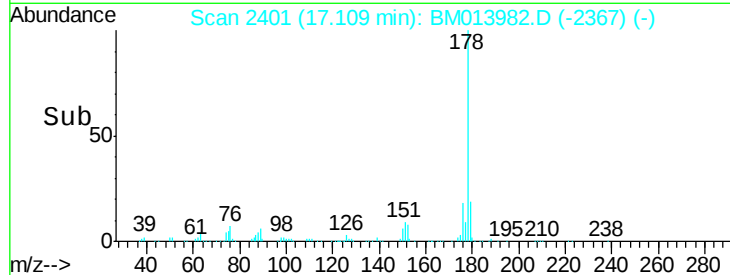
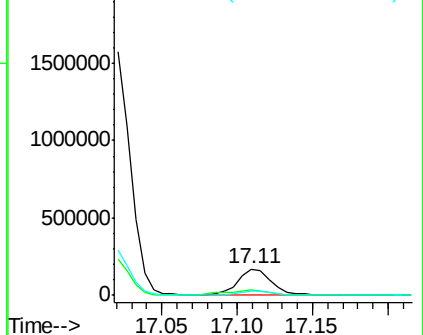
Tot Ion:	178	Resp:	272258
Ion Ratio	Lower	Upper	
178	100		
179	18.8	11.7	17.5#
176	18.2	14.6	21.8

Manual Integrations
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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



#72

Carbazole

Concen: 3.836 ng/ul

RT: 17.39 min Scan# 2449

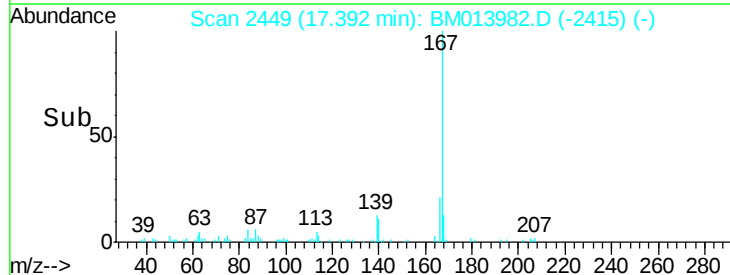
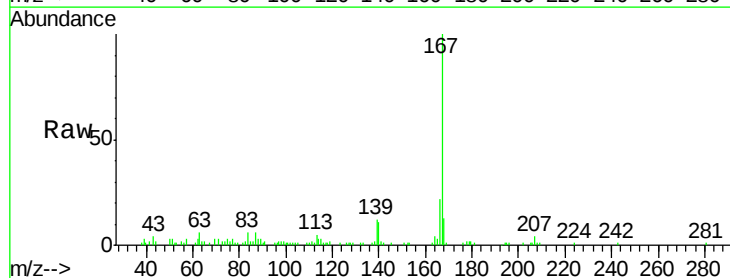
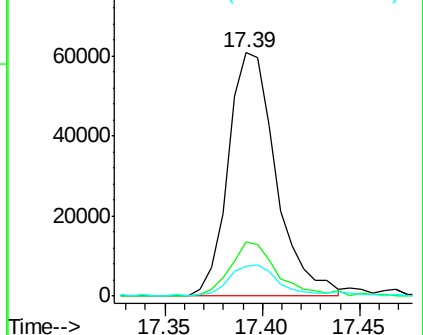
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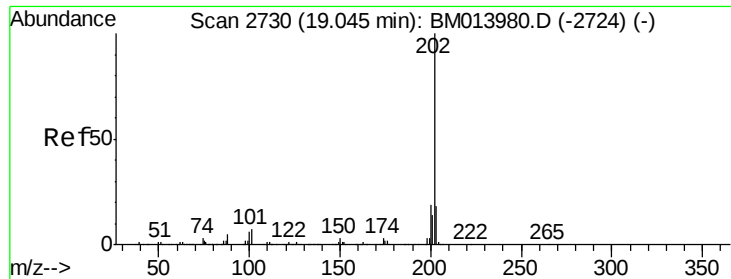
Lab File: BM013982.D

Acq: 30 Jan 2018 05:41

Tgt Ion:	167	Resp:	103324
Ion Ratio	Lower	Upper	
167	100		
166	22.1	17.1	25.7
139	12.4	10.0	15.0

Abundance Ion 167.00 (166.70 to 167.70): E
Ion 166.00 (165.70 to 166.70): E
Ion 139.00 (138.70 to 139.70): E





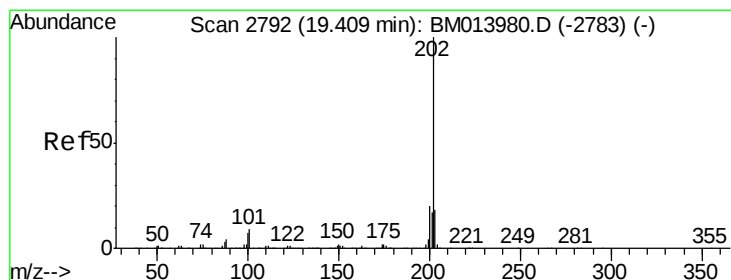
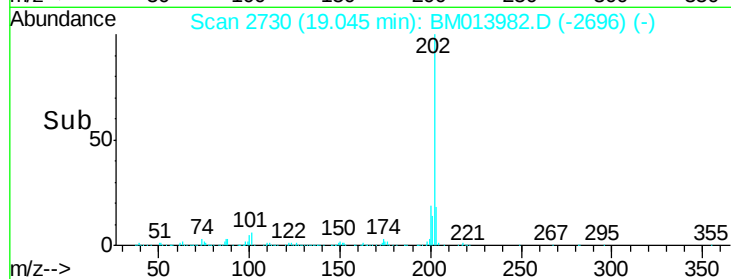
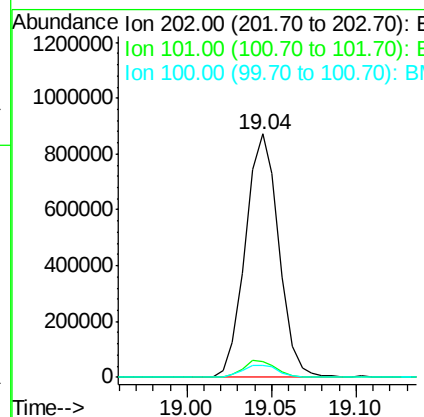
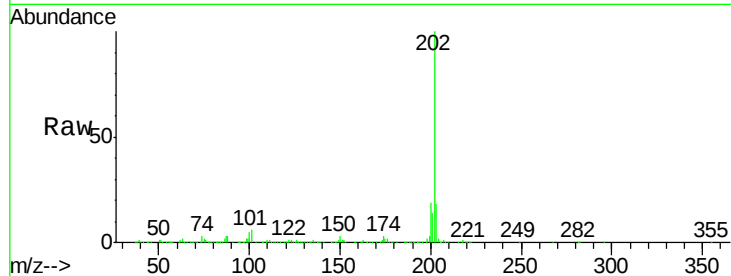
#74
 Fluoranthene
 Concen: 31.847 ng/ul
 RT: 19.04 min Scan# 2730
 Delta R.T. -0.00 min
 Lab File: BM013982.D
 Acq: 30 Jan 2018 05:41

Instrument :
 BNA_M
 ClientSampleID :
 F6B33DL

Tot Ion	Ratio	Lower	Upper
202	100		
101	6.5	4.6	7.0
100	5.1	3.4	5.2

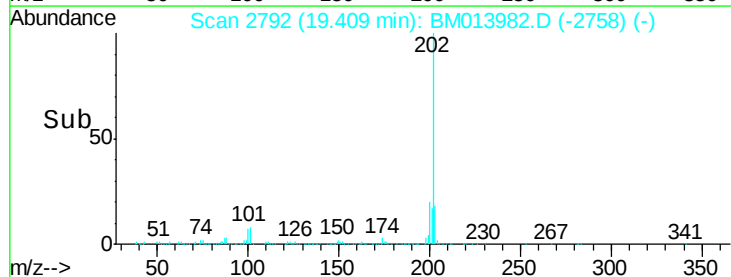
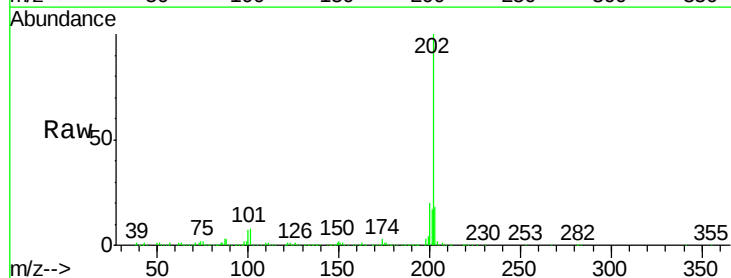
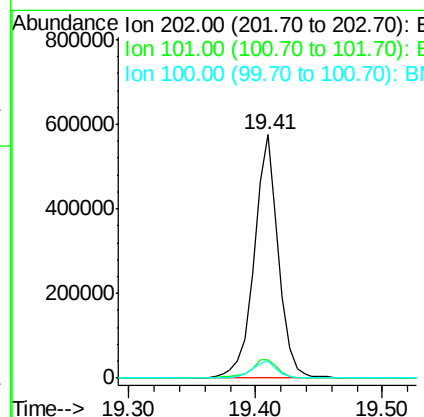
Manual Integrations
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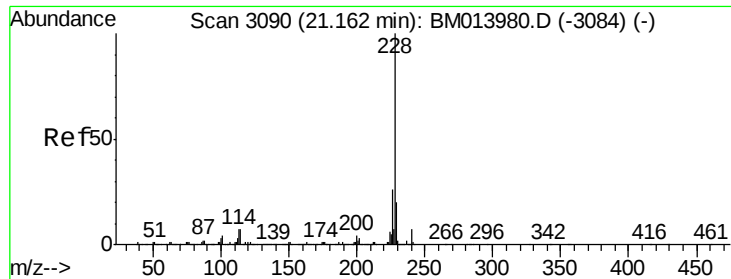
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#77
 Pyrene
 Concen: 17.715 ng/ul
 RT: 19.41 min Scan# 2792
 Delta R.T. -0.00 min
 Lab File: BM013982.D
 Acq: 30 Jan 2018 05:41

Tgt Ion	Ratio	Lower	Upper
202	100		
101	7.7	5.1	7.7
100	7.0	4.9	7.3





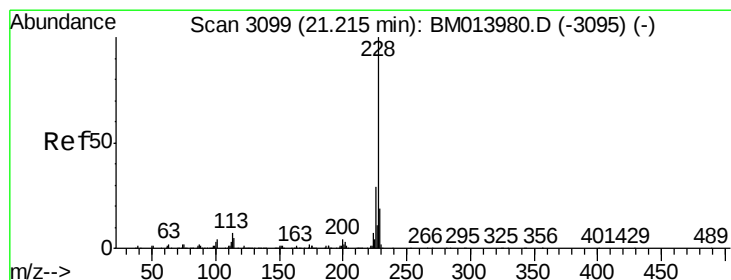
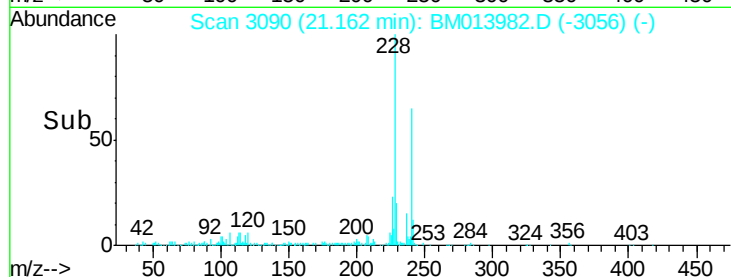
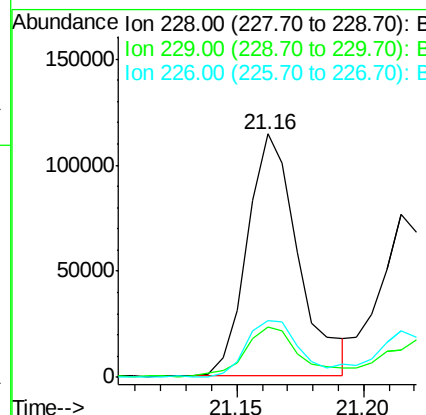
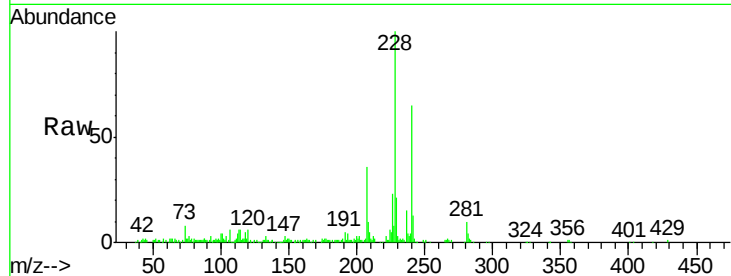
#80
Benzo(a)anthracene
Concen: 3.710 ng/ul
RT: 21.16 min Scan# 3090
Delta R.T. -0.00 min
Lab File: BM013982.D
Acq: 30 Jan 2018 05:41

Instrument :
BNA_M
ClientSampleId :
F6B33DL

Tot Ion	Ratio	Lower	Upper
228	100		
229	20.7	15.4	23.0
226	23.3	21.4	32.0

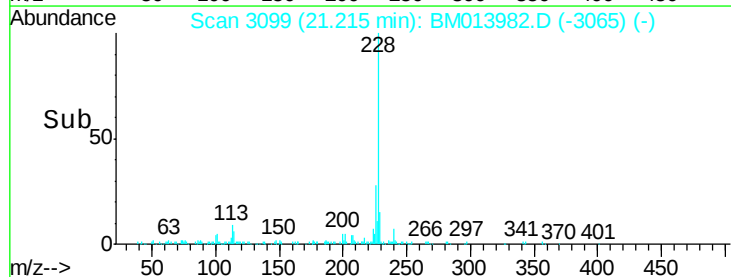
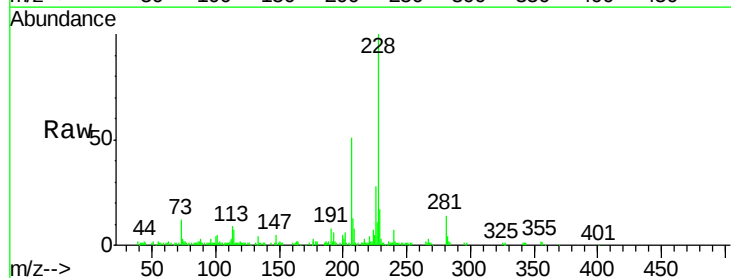
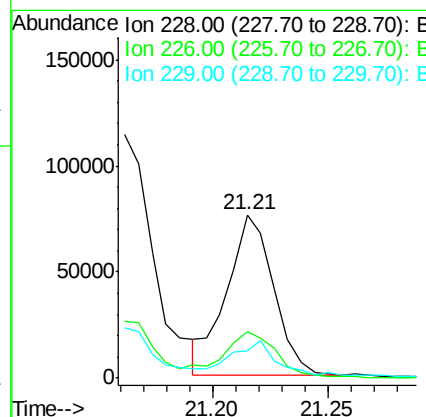
Manual Integrations
APPROVED

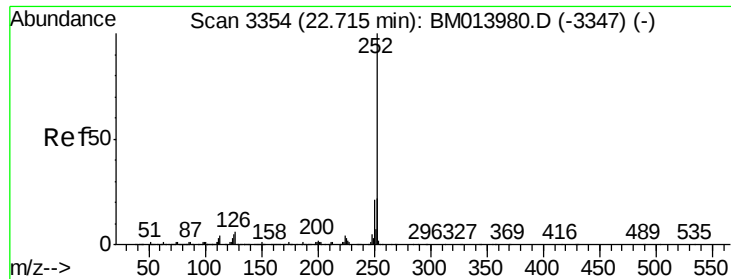
Sohil
1/30/2018 3:34:53 PM



#82
Chrysene
Concen: 2.721 ng/ul
RT: 21.21 min Scan# 3099
Delta R.T. -0.00 min
Lab File: BM013982.D
Acq: 30 Jan 2018 05:41

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.4	23.4	35.2
229	16.5	15.5	23.3





#85

Benzo(b)fluoranthene

Concen: 1.473 ng/ul

RT: 22.71 min Scan# 3354

Delta R.T. -0.00 min

Lab File: BM013982.D

Acq: 30 Jan 2018 05:41

Instrument :

BNA_M

ClientSampleId :

F6B33DL

Tot Ion:	252	Resp:	60858
Ion Ratio	Lower	Upper	
252	100		
253	23.8	17.9	26.9
125	8.7	3.6	5.4#

Manual Integrations
APPROVED

Sohil
1/30/2018 3:34:53 PM

