

Data Path : U:\HPCHEM1\BNA M\DATA\BM012818\
 Data File : BM013929.D
 Acq On : 28 Jan 2018 19:16
 Operator : SJ/JU
 Sample : J1222-06MEDL 20X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F6A79MEDL

Manual Integrations
 APPROVED

Sohil
 1/29/2018 6:07:54 PM

Quant Time: Jan 29 13:50:42 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM011018.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jan 29 02:34:24 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	105195	20.00	ng/ul	0.00
18) Naphthalene-d8	10.35	136	389587	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.23	164	227963	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.99	188	525767	20.00	ng/ul	0.00
75) Chrysene-d12	21.19	240	630922	20.00	ng/ul	0.00
83) Perylene-d12	23.37	264	637077	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	6.79	99	4253	0.53	ng/ul	0.02
7) Bis-(2-Chloroethyl)ether-d	6.94	67	6309	1.29	ng/ul	0.01
9) 2-Chlorophenol-d4	7.13	132	6850	1.04	ng/ul	0.01
13) 4-Methylphenol-d8	8.32	113	4327	0.70	ng/ul	0.02
19) Nitrobenzene-d5	8.76	128	4943m	1.64	ng/ul	0.02
22) 2-Nitrophenol-d4	9.47	143	1835	0.57	ng/ul	0.02
26) 2,4-Dichlorophenol-d3	10.03	165	6982m	1.13	ng/ul	0.04
29) 4-Chloroaniline-d4	10.53	131	6077	1.14	ng/ul	0.03
43) Dimethylphthalate-d6	13.65	166	26359	1.40	ng/ul	0.00
46) Acenaphthylene-d8	13.93	160	32532	1.36	ng/ul	0.00
51) 4-Nitrophenol-d4	14.46	143	245	0.08	ng/ul	-0.01
57) Fluorene-d10	15.23	176	26402	1.60	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.42	200	1999	0.63	ng/ul	0.04
70) Anthracene-d10	17.09	188	41121m	1.61	ng/ul	0.00
76) Pyrene-d10	19.39	212	49889	1.70	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.23	264	42214	1.44	ng/ul	0.00

Target Compounds

					Ovalue	
28) Naphthalene	10.40	128	110133	5.682	ng/ul	97
34) 2-Methylnaphthalene	12.03	142	62036	4.293	ng/ul	96
40) 1,1'-Biphenyl	13.06	154	20851	1.099	ng/ul	98
49) Acenaphthene	14.30	153	81232	5.351	ng/ul	97
53) Dibenzofuran	14.64	168	87235	3.819	ng/ul	97
55) 2,3,4,6-Tetrachlorophenol	14.88	232	21260	4.443	ng/ul#	93
58) Fluorene	15.29	166	77298	4.132	ng/ul	93
68) Pentachlorophenol	16.64	266	425538	119.802	ng/ul	98
69) Phenanthrene	17.03	178	453581	15.520	ng/ul	99
71) Anthracene	17.12	178	74743m	2.480	ng/ul	
72) Carbazole	17.40	167	33414	1.343	ng/ul#	96
74) Fluoranthene	19.05	202	312773	8.966	ng/ul#	96
77) Pyrene	19.42	202	226254	5.899	ng/ul#	93
80) Benzo(a)anthracene	21.17	228	42452	1.114	ng/ul#	90
82) Chrysene	21.23	228	41306	1.181	ng/ul	94

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

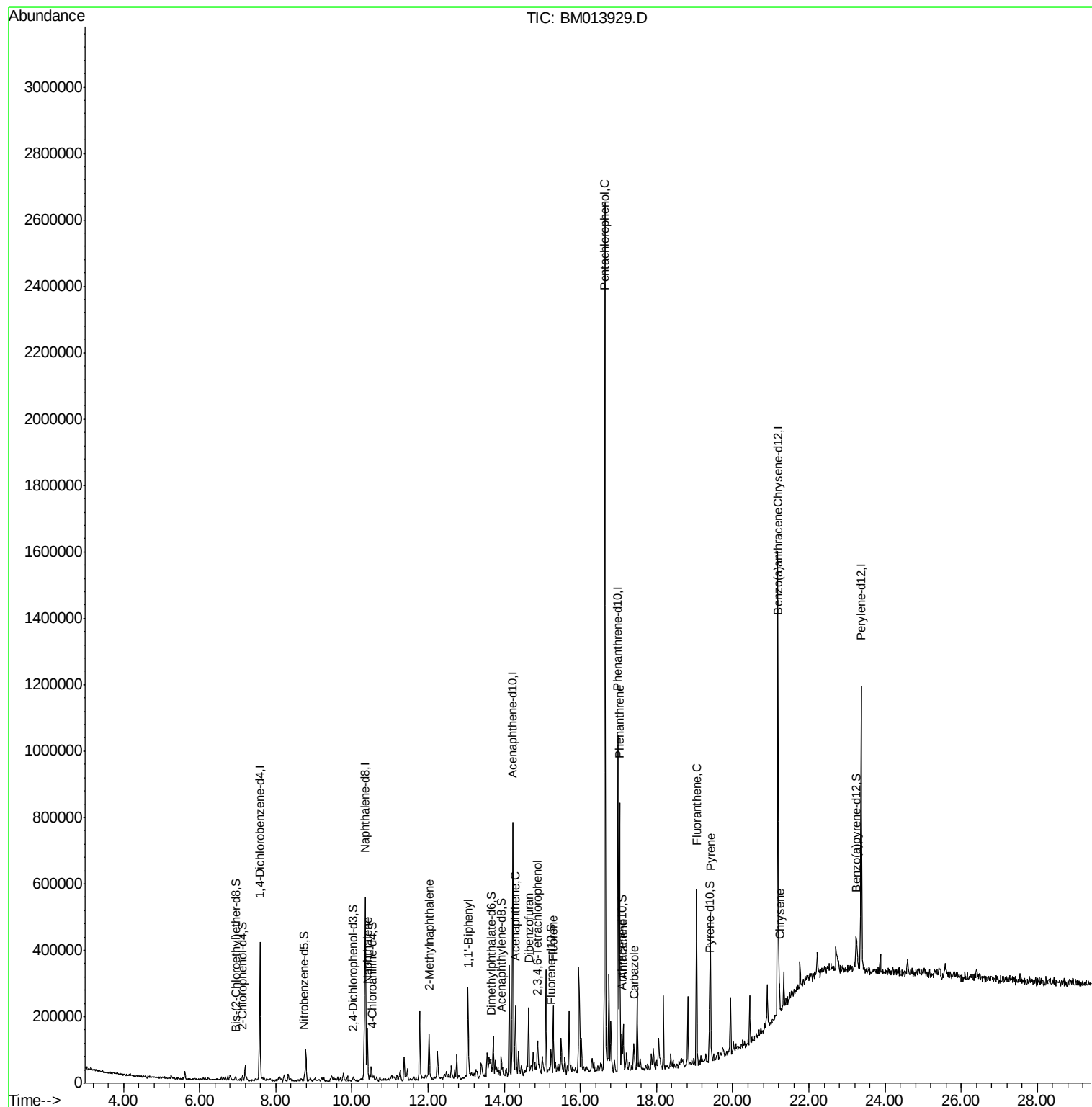
Data Path : U:\HPCHEM1\BNA M\DATA\BM012818\
Data File : BM013929.D
Acq On : 28 Jan 2018 19:16
Operator : SJ/JU
Sample : J1222-06MEDL 20X
Misc :
ALS Vial : 11 Sample Multiplier: 1

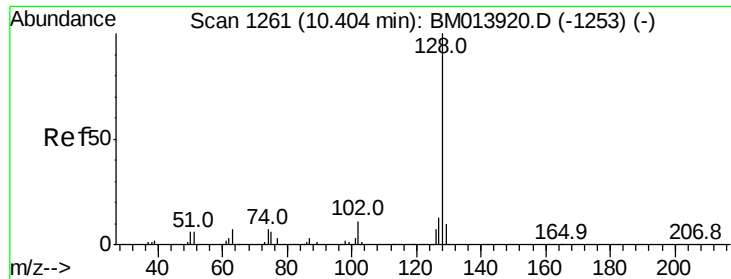
Instrument :
BNA_M
ClientSampleId :
F6A79MEDL

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Quant Time: Jan 29 13:50:42 2018
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Quant Title : SVOA CALIBRATION
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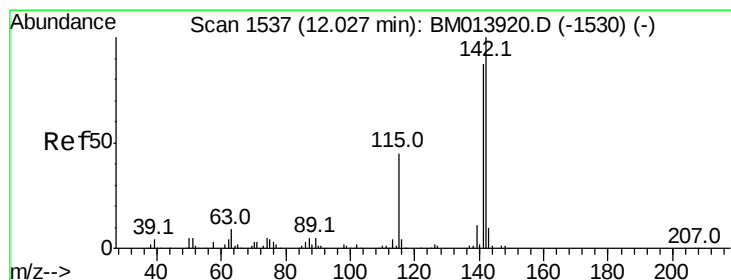
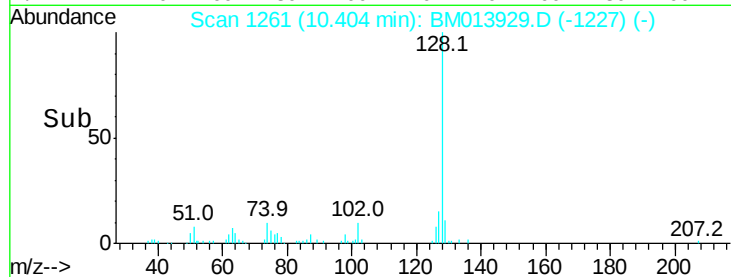
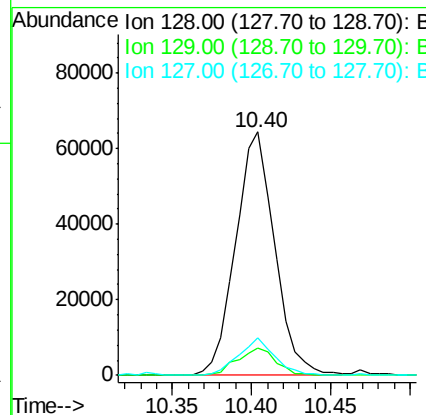
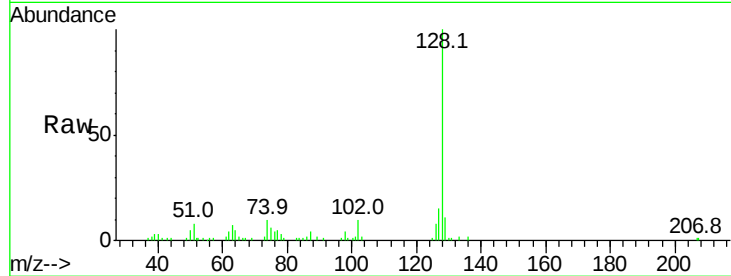
#28
Naphthalene
Concen: 5.682 ng/ul
RT: 10.40 min Scan# 1261
Delta R.T. 0.00 min
Lab File: BM013929.D
Acq: 28 Jan 2018 19:16

Instrument :
BNA_M
ClientSampleId :
F6A79MEDL

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.4	8.8	13.2
127	15.2	10.6	16.0

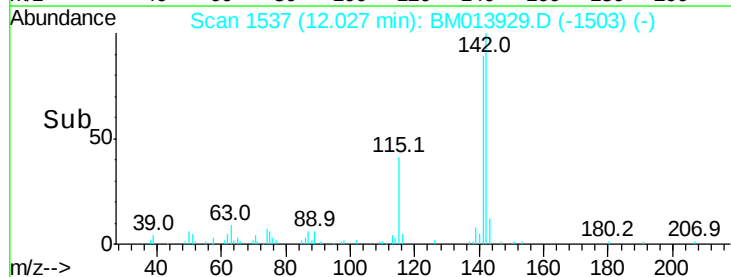
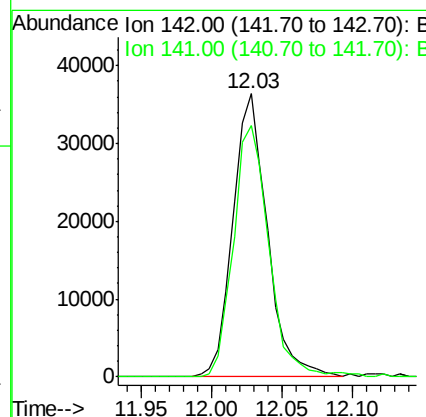
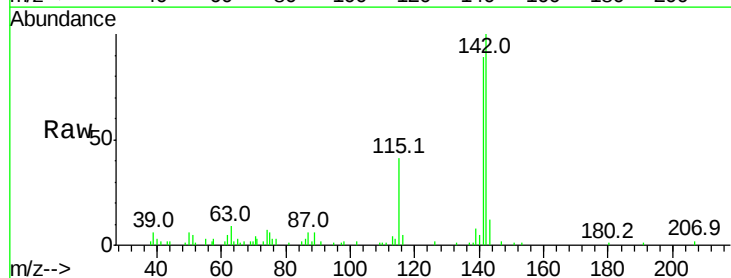
Manual Integrations
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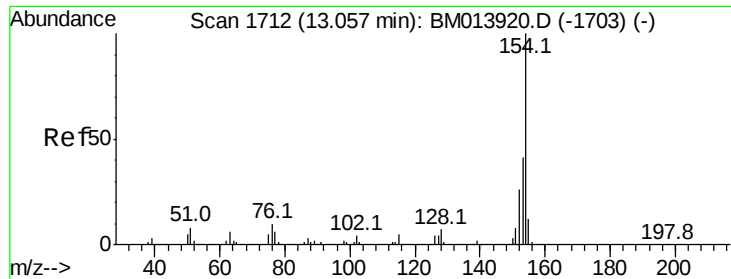
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#34
2-Methylnaphthalene
Concen: 4.293 ng/ul
RT: 12.03 min Scan# 1537
Delta R.T. 0.00 min
Lab File: BM013929.D
Acq: 28 Jan 2018 19:16

Tgt Ion	Ratio	Lower	Upper
142	100		
141	88.9	74.1	111.1





#40

1,1'-Biphenyl

Concen: 1.099 ng/ul

RT: 13.06 min Scan# 1713

Delta R.T. 0.01 min

Lab File: BM013929.D

Acq: 28 Jan 2018 19:16

Instrument :

BNA_M

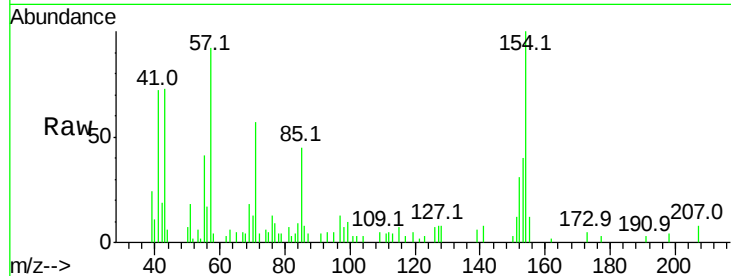
ClientSampleId :

F6A79MEDL

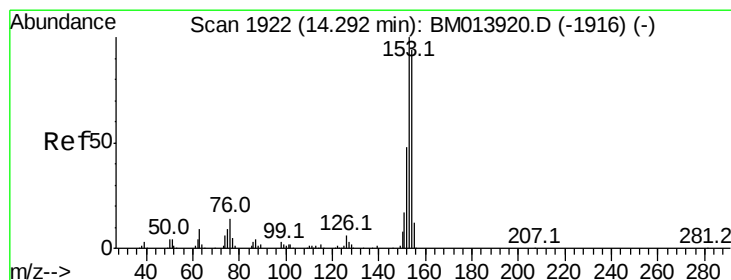
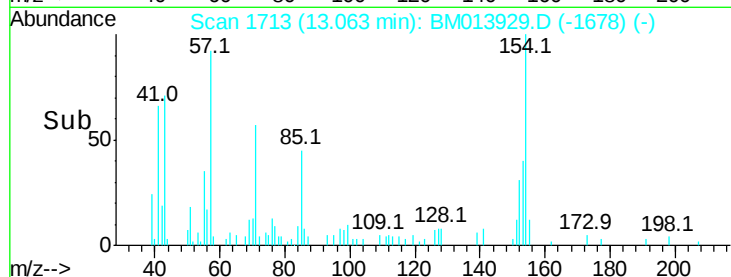
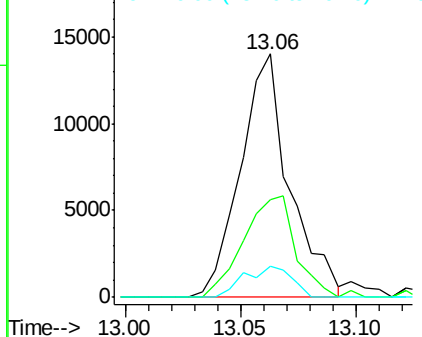
Tot Ion:	154	Resp:	20851
Ion Ratio	Lower	Upper	
154	100		
153	39.9	32.6	48.8
76	12.6	8.5	12.7

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Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BM



#49

Acenaphthene

Concen: 5.351 ng/ul

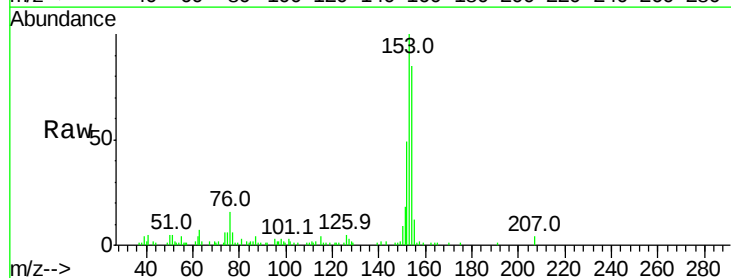
RT: 14.30 min Scan# 1923

Delta R.T. 0.01 min

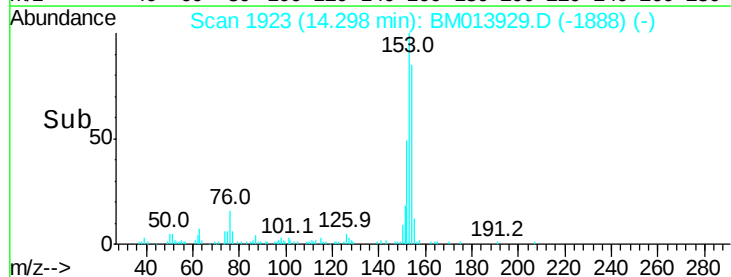
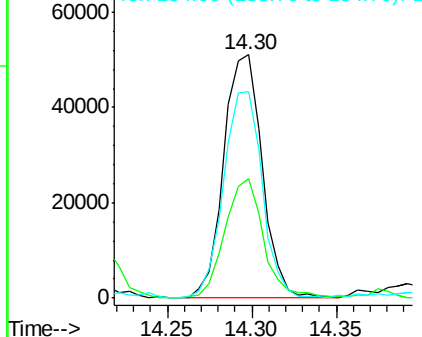
Lab File: BM013929.D

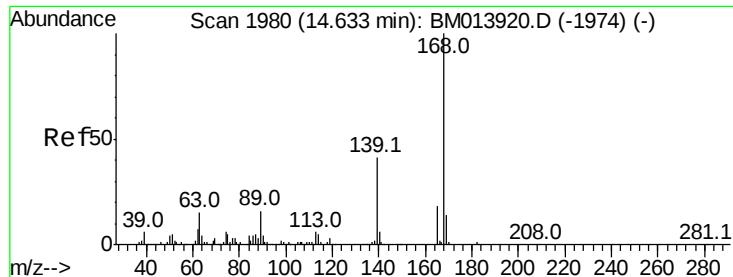
Acq: 28 Jan 2018 19:16

Tgt Ion:	153	Resp:	81232
Ion Ratio	Lower	Upper	
153	100		
152	49.3	37.6	56.4
154	84.9	70.4	105.6



Abundance Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E
Ion 154.00 (153.70 to 154.70): E





#53

Dibenzofuran

Concen: 3.819 ng/ul

RT: 14.64 min Scan# 1981

Delta R.T. 0.01 min

Lab File: BM013929.D

Acq: 28 Jan 2018 19:16

Instrument :

BNA_M

ClientSampleId :

F6A79MEDL

Tot Ion:168 Resp: 87235

Ion Ratio Lower Upper

168 100

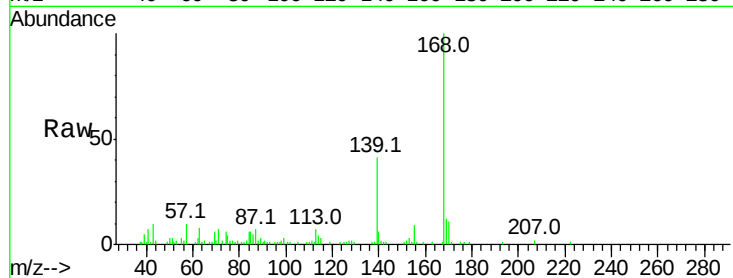
139 40.6 30.8 46.2

Manual Integrations

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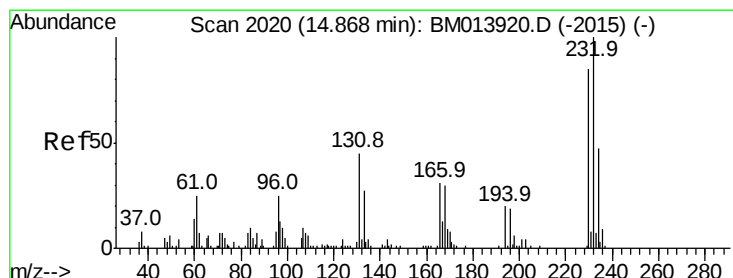
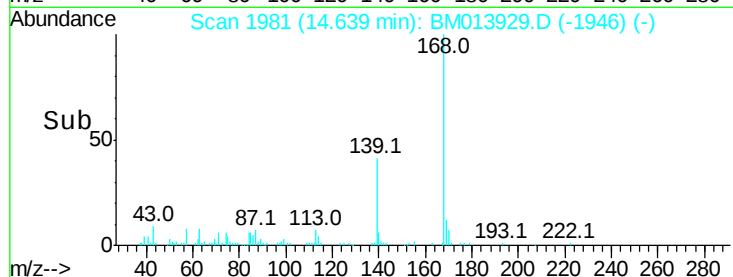
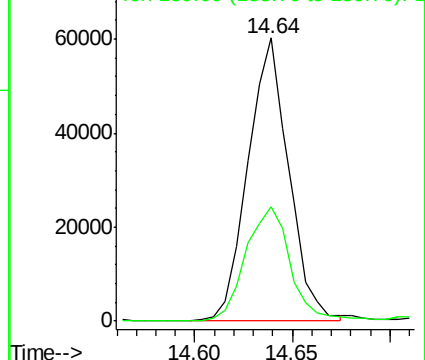
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Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E



#55

2,3,4,6-Tetrachlorophenol

Concen: 4.443 ng/ul

RT: 14.88 min Scan# 2022

Delta R.T. 0.01 min

Lab File: BM013929.D

Acq: 28 Jan 2018 19:16

Tgt Ion:232 Resp: 21260

Ion Ratio Lower Upper

232 100

131 39.6 29.0 43.4

130 3.4 2.0 3.0#

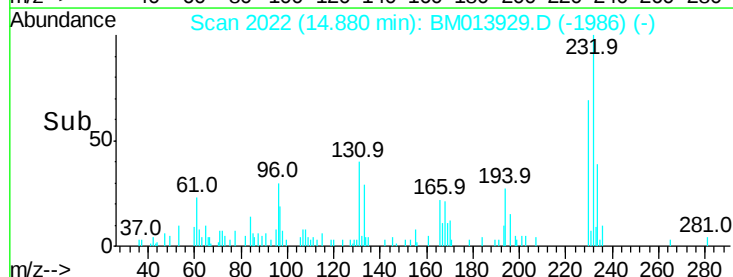
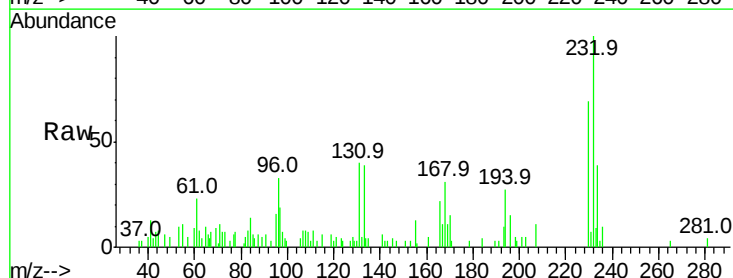
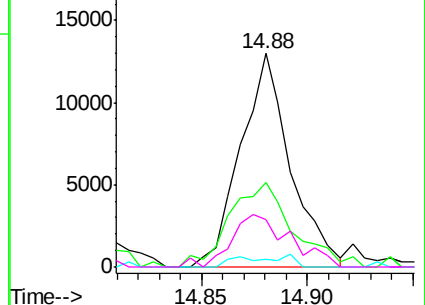
166 22.3 21.4 32.2

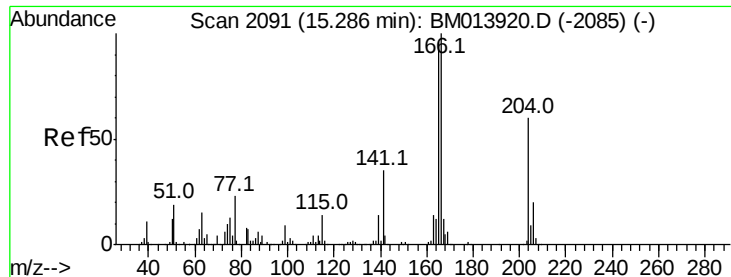
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





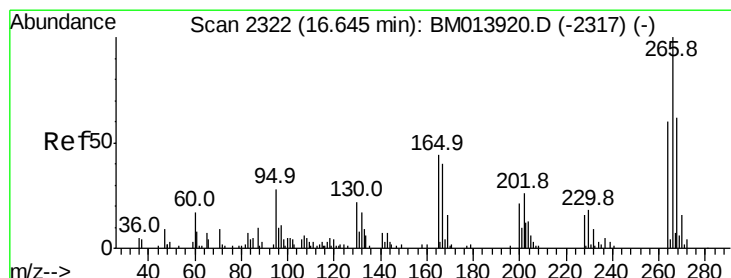
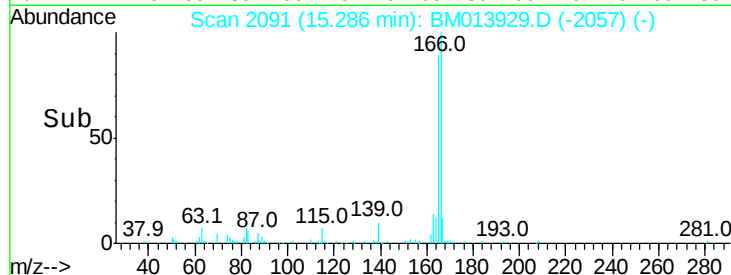
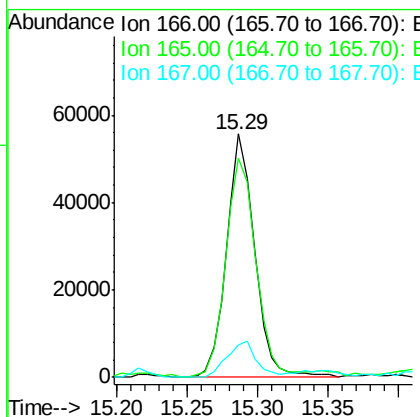
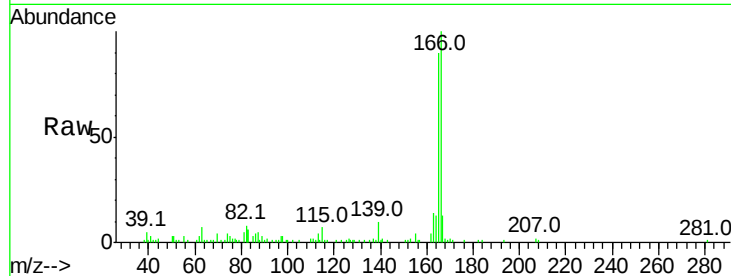
#58
 Fluorene
 Concen: 4.132 ng/ul
 RT: 15.29 min Scan# 2091
 Delta R.T. 0.00 min
 Lab File: BM013929.D
 Acq: 28 Jan 2018 19:16

Instrument :
 BNA_M
 ClientSampleId :
 F6A79MEDL

Tot Ion	Ratio	Lower	Upper
166	100		
165	90.0	77.9	116.9
167	13.3	10.6	16.0

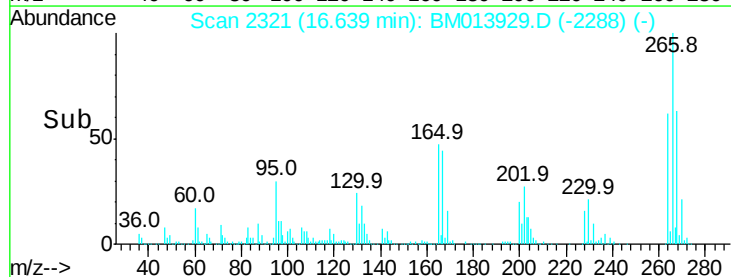
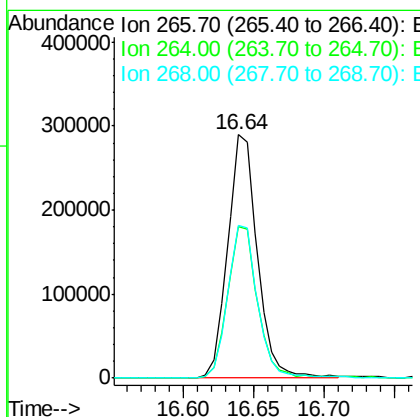
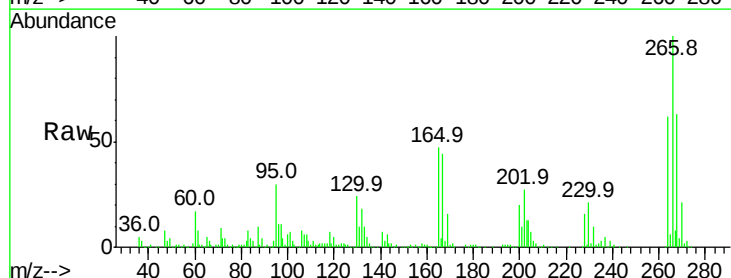
Manual Integrations
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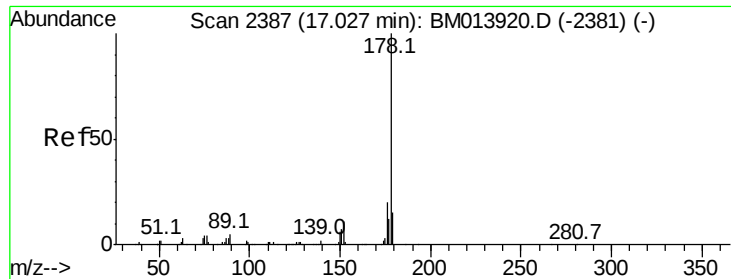
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#68
 Pentachlorophenol
 Concen: 119.802 ng/ul
 RT: 16.64 min Scan# 2321
 Delta R.T. -0.01 min
 Lab File: BM013929.D
 Acq: 28 Jan 2018 19:16

Tgt Ion	Ratio	Lower	Upper
266	100		
264	62.2	49.3	73.9
268	62.7	52.6	78.8





#69

Phenanthrene

Concen: 15.520 ng/ul

RT: 17.03 min Scan# 2387

Delta R.T. 0.00 min

Lab File: BM013929.D

Acq: 28 Jan 2018 19:16

Instrument :

BNA_M

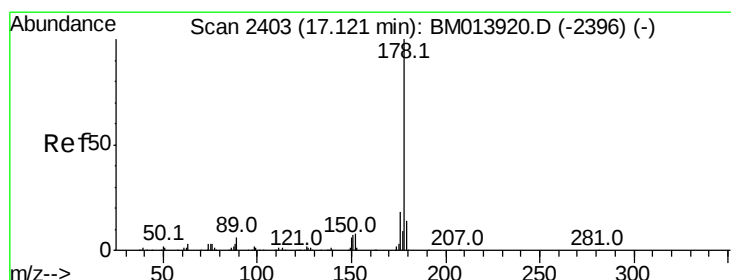
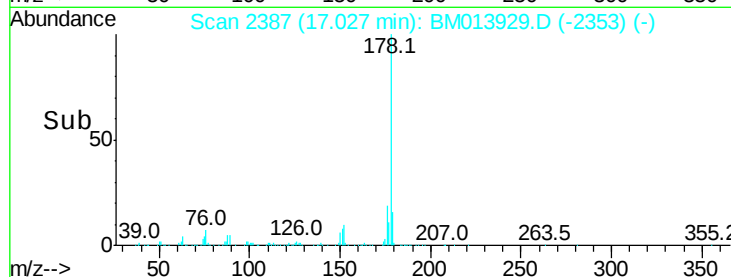
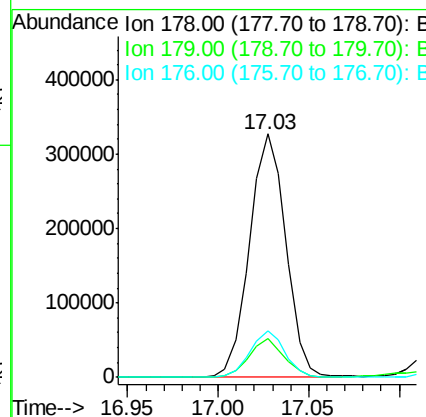
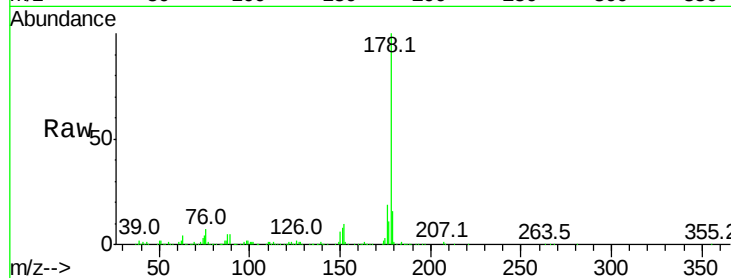
ClientSampleId :

F6A79MEDL

Tot Ion:	178	Resp:	453581
Ion Ratio	Lower	Upper	
178	100		
179	16.0	12.6	19.0
176	19.2	14.9	22.3

Manual Integrations
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#71

Anthracene

Concen: 2.480 ng/ul

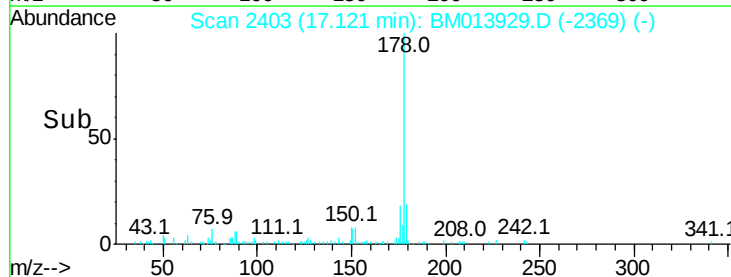
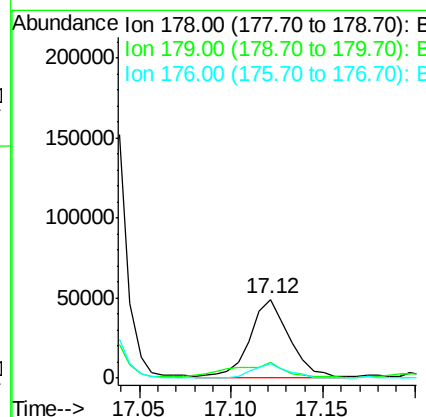
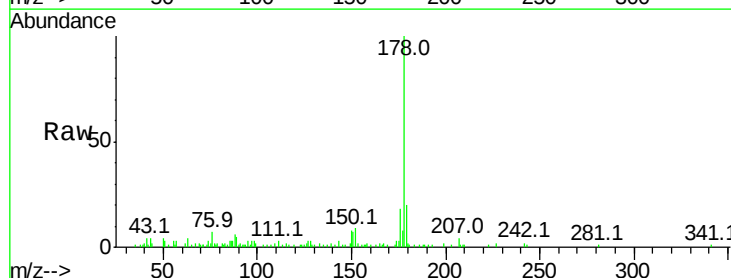
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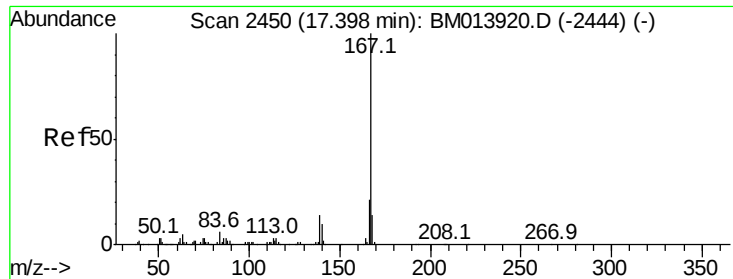
Delta R.T. 0.00 min

Lab File: BM013929.D

Acq: 28 Jan 2018 19:16

Tgt Ion:	178	Resp:	74743
Ion Ratio	Lower	Upper	
178	100		
179	19.9	11.7	17.5#
176	18.3	14.6	21.8





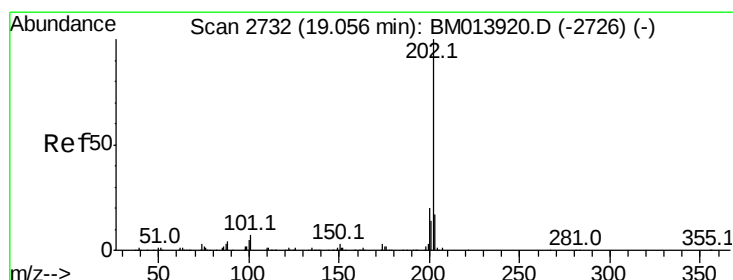
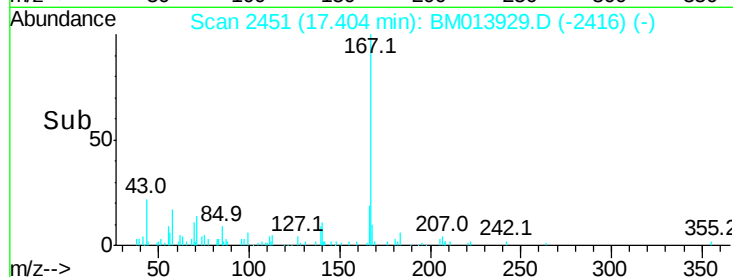
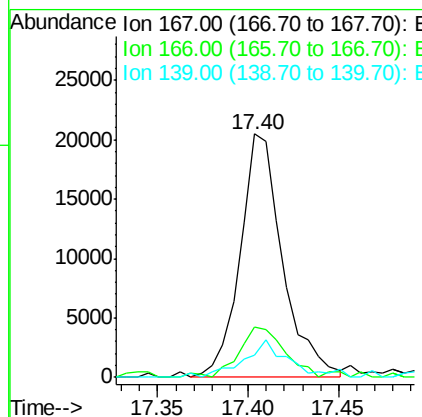
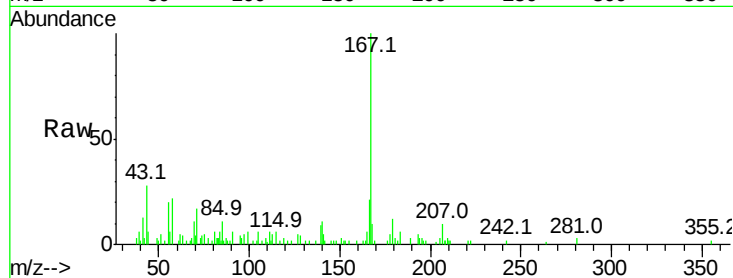
#72
 Carbazole
 Concen: 1.343 ng/ul
 RT: 17.40 min Scan# 2451
 Delta R.T. 0.01 min
 Lab File: BM013929.D
 Acq: 28 Jan 2018 19:16

Instrument :
 BNA_M
 ClientSampleId :
 F6A79MEDL

Tot Ion	Ratio	Lower	Upper
167	100		
166	20.6	17.1	25.7
139	9.3	10.0	15.0

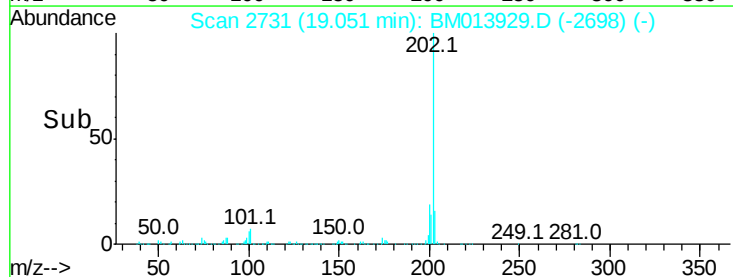
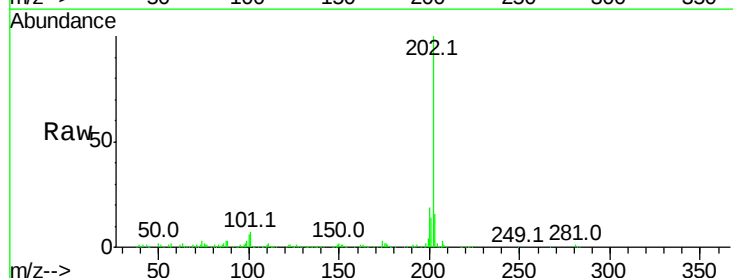
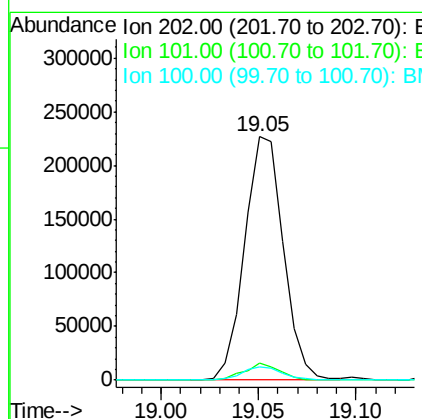
Manual Integrations
 APPROVED

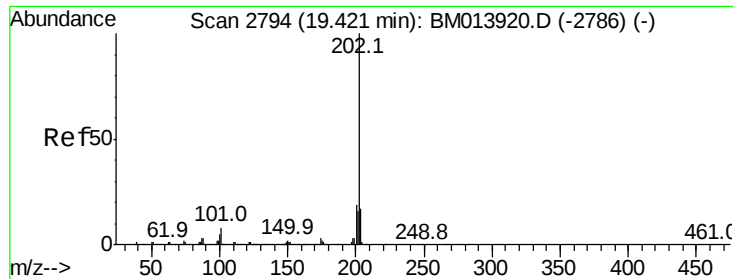
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#74
 Fluoranthene
 Concen: 8.966 ng/ul
 RT: 19.05 min Scan# 2731
 Delta R.T. -0.01 min
 Lab File: BM013929.D
 Acq: 28 Jan 2018 19:16

Tgt Ion	Ratio	Lower	Upper
202	100		
101	7.1	4.6	7.0
100	5.5	3.4	5.2





#77

Pvrene

Concen: 5.899 ng/ul

RT: 19.42 min Scan# 2794

Delta R.T. 0.00 min

Lab File: BM013929.D

Acq: 28 Jan 2018 19:16

Instrument :

BNA_M

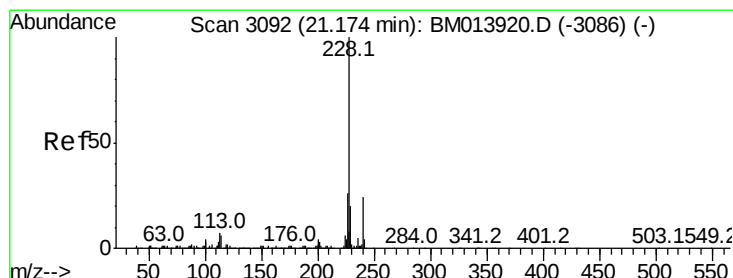
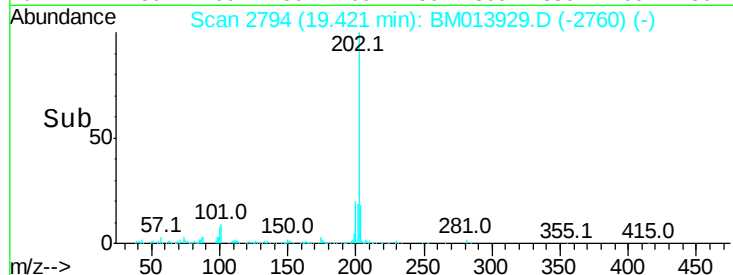
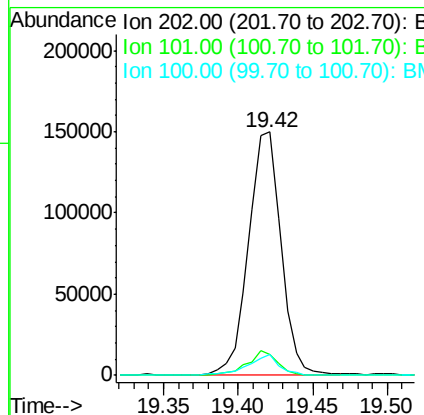
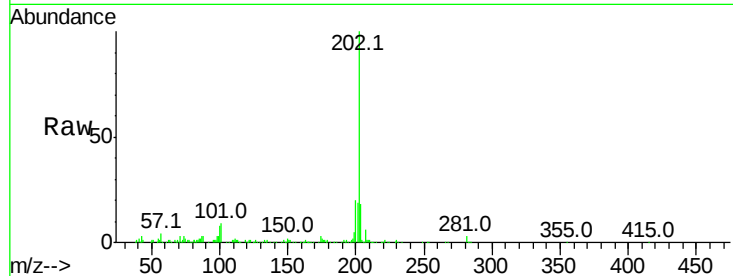
ClientSampleId :

F6A79MEDL

Tot Ion:	202	Resp:	226254
Ion Ratio	Lower	Upper	
202	100		
101	8.7	5.1	7.7#
100	8.4	4.9	7.3#

Manual Integrations
APPROVED

Sohil
1/29/2018 6:07:54 PM



#80

Benzo(a)anthracene

Concen: 1.114 ng/ul

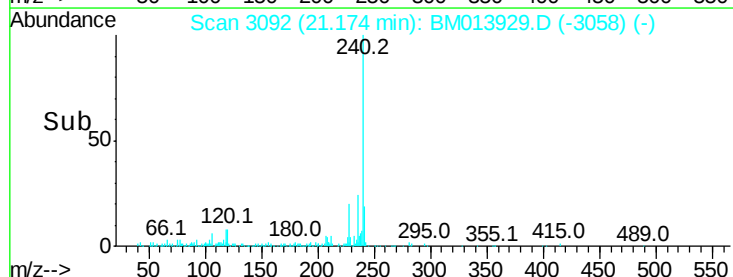
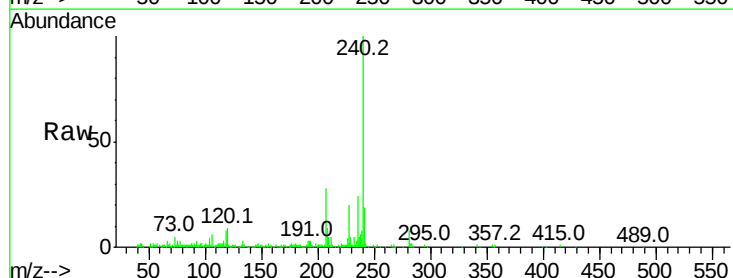
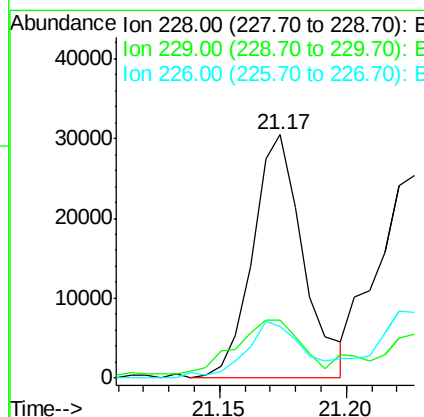
RT: 21.17 min Scan# 3092

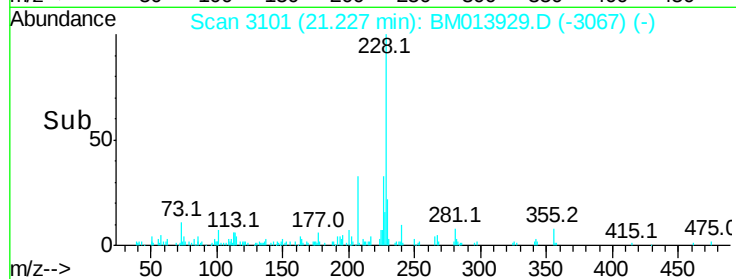
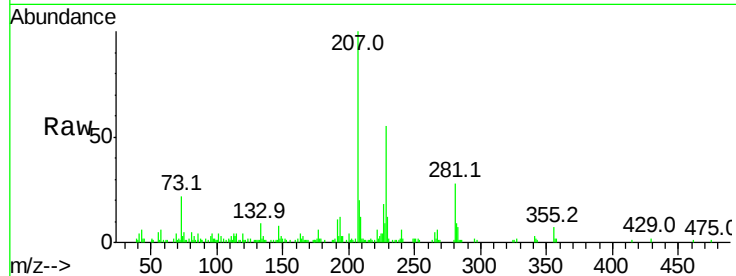
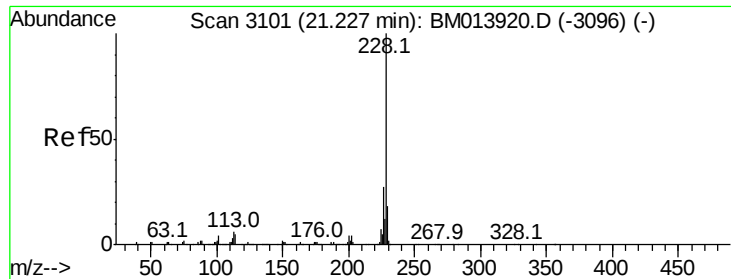
Delta R.T. 0.00 min

Lab File: BM013929.D

Acq: 28 Jan 2018 19:16

Tgt Ion:	228	Resp:	42452
Ion Ratio	Lower	Upper	
228	100		
229	23.7	15.4	23.0#
226	21.3	21.4	32.0#





#82

Chrysene

Concen: 1.181 ng/ul

RT: 21.23 min Scan# 3101

Delta R.T. 0.00 min

Lab File: BM013929.D

Acq: 28 Jan 2018 19:16

Tot Ion	Ion	Ratio	Resp	Lower	Upper
228	100				
226	32.8	23.4	35.2		
229	22.0	15.5	23.3		

Instrument :

BNA_M

ClientSampleId :

F6A79MEDL

Manual Integrations
APPROVED

Sohil
1/29/2018 6:07:54 PM

