

Data Path : Z:\HPCHEM1\BNA M\DATA\BM012918\
 Data File : BM013986.D
 Acq On : 30 Jan 2018 08:04
 Operator : SJ/JU
 Sample : J1243-09DL 10X
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F6B32DL

Manual Integrations
 APPROVED

Sohil
 1/30/2018 3:34:59 PM

Quant Time: Jan 30 13:02:07 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	103206	20.00	ng/ul	0.00
18) Naphthalene-d8	10.34	136	414503	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.22	164	249274	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.97	188	586981	20.00	ng/ul	0.00
75) Chrysene-d12	21.18	240	717730	20.00	ng/ul	0.00
83) Perylene-d12	23.36	264	708652	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.12	96	128	0.05	ng/uL	-0.01
5) Phenol-d5	6.78	99	3322	0.42	ng/ul	0.02
7) Bis-(2-Chloroethyl)ether-d	6.93	67	4641	0.97	ng/ul	0.02
9) 2-Chlorophenol-d4	7.12	132	7557	1.17	ng/ul	0.01
13) 4-Methylphenol-d8	8.32	113	4850	0.80	ng/ul	0.04
19) Nitrobenzene-d5	8.75	128	4664m	1.45	ng/ul	0.02
22) 2-Nitrophenol-d4	9.45	143	2344	0.69	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	10.02	165	5672	0.86	ng/ul	0.05
29) 4-Chloroaniline-d4	10.52	131	3130	0.55	ng/ul	0.02
43) Dimethylphthalate-d6	13.64	166	35792	1.74	ng/ul	0.00
46) Acenaphthylene-d8	13.92	160	41265	1.57	ng/ul	0.00
51) 4-Nitrophenol-d4	14.54	143	626	0.19	ng/ul	0.08
57) Fluorene-d10	15.22	176	33026	1.83	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.40	200	1559	0.44	ng/ul	0.03
70) Anthracene-d10	17.07	188	51675m	1.81	ng/ul	0.00
76) Pyrene-d10	19.37	212	61332	1.84	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.23	264	59351	1.82	ng/ul	0.00

Target Compounds

					Ovalue	
28) Naphthalene	10.39	128	597128	28.957	ng/ul	99
34) 2-Methylnaphthalene	12.01	142	271242	17.642	ng/ul	99
40) 1,1'-Biphenyl	13.05	154	62847	3.029	ng/ul	99
49) Acenaphthene	14.29	153	188902	11.379	ng/ul	99
53) Dibenzofuran	14.63	168	349731	14.003	ng/ul	97
58) Fluorene	15.28	166	140718	6.878	ng/ul	98
68) Pentachlorophenol	16.64	266	7197	1.815	ng/ul#	87
69) Phenanthrene	17.02	178	1377770	42.227	ng/ul	99
71) Anthracene	17.12	178	146158m	4.343	ng/ul	
72) Carbazole	17.40	167	55723	2.006	ng/ul	96
74) Fluoranthene	19.04	202	771167	19.800	ng/ul#	97
77) Pyrene	19.41	202	503666	11.543	ng/ul	97
80) Benzo(a)anthracene	21.16	228	94918	2.189	ng/ul	93
82) Chrysene	21.22	228	74394m	1.870	ng/ul	

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

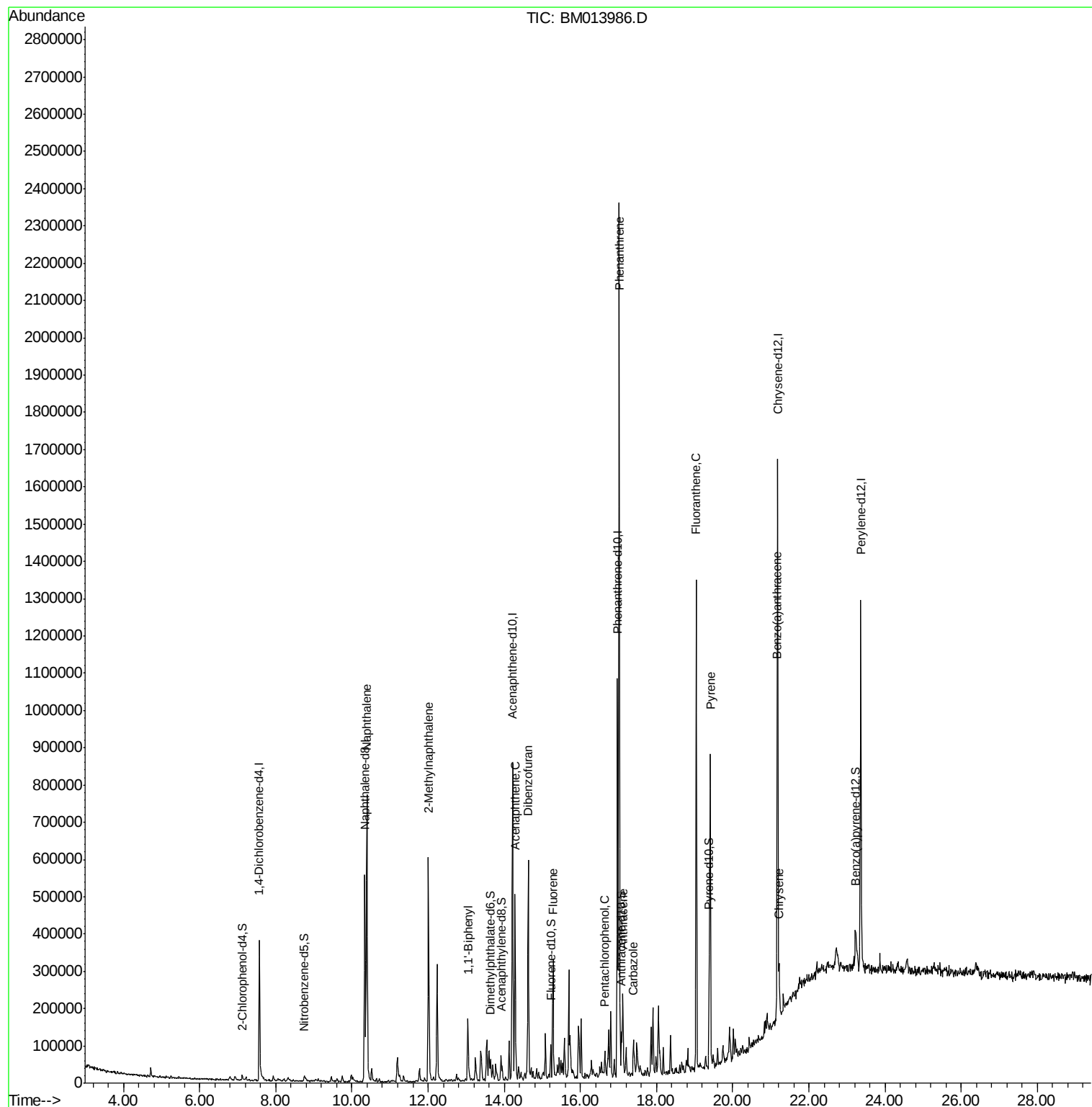
Data Path : Z:\HPCHEM1\BNA M\DATA\BM012918\
Data File : BM013986.D
Acq On : 30 Jan 2018 08:04
Operator : SJ/JU
Sample : J1243-09DL 10X
Misc :
ALS Vial : 31 Sample Multiplier: 1

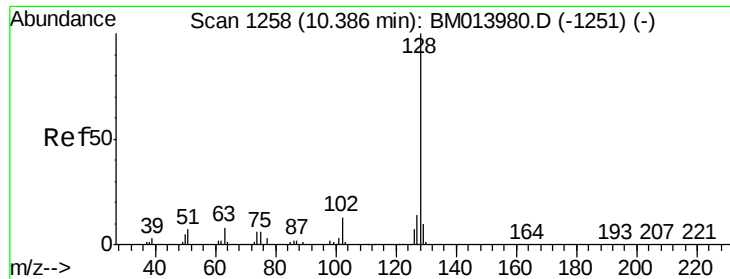
Instrument :
BNA_M
ClientSampleId :
F6B32DL

Manual Integrations
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Quant Time: Jan 30 13:02:07 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration





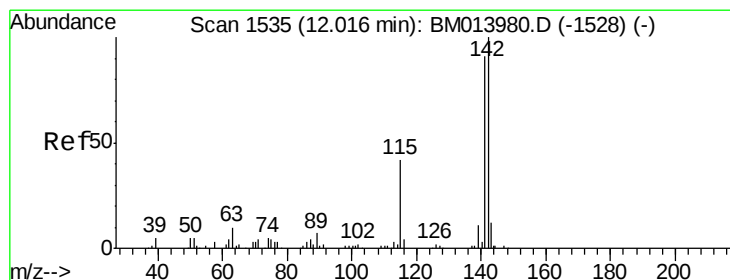
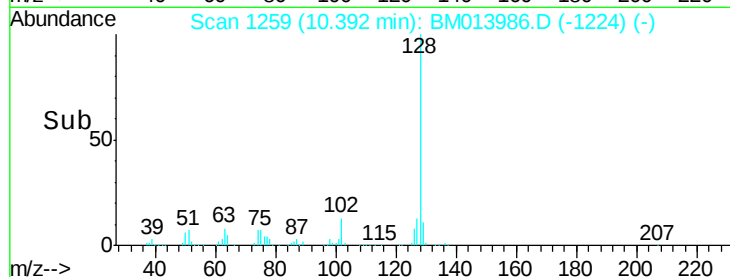
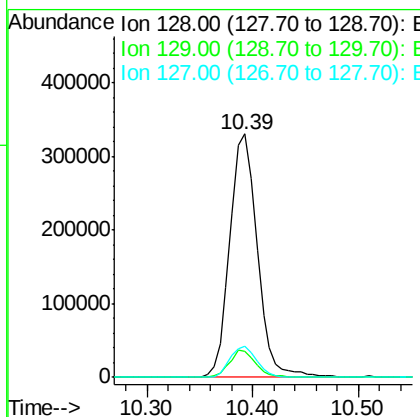
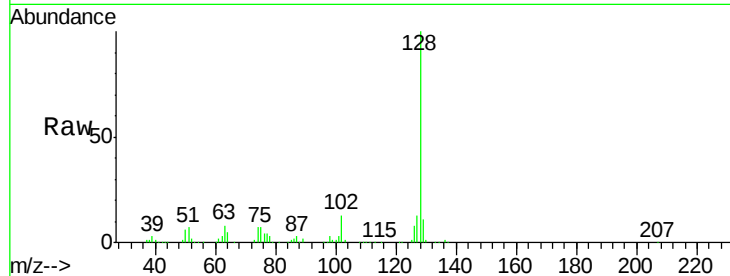
#28
Naphthalene
Concen: 28.957 ng/ul
RT: 10.39 min Scan# 1259
Delta R.T. 0.01 min
Lab File: BM013986.D
Acq: 30 Jan 2018 08:04

Instrument :
BNA_M
ClientSampleId :
F6B32DL

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.8	8.8	13.2
127	13.0	10.6	16.0

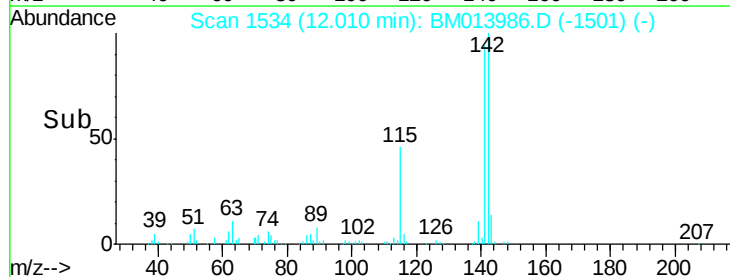
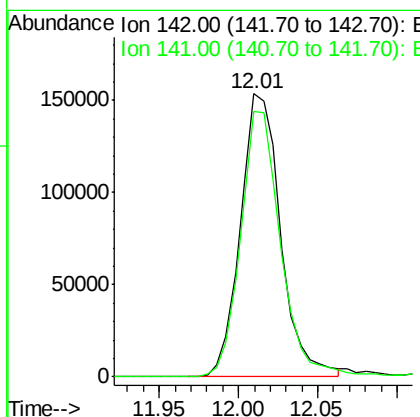
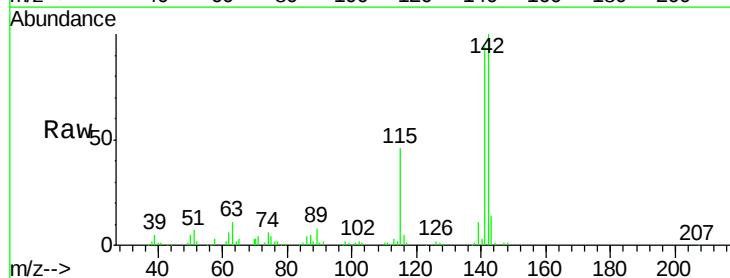
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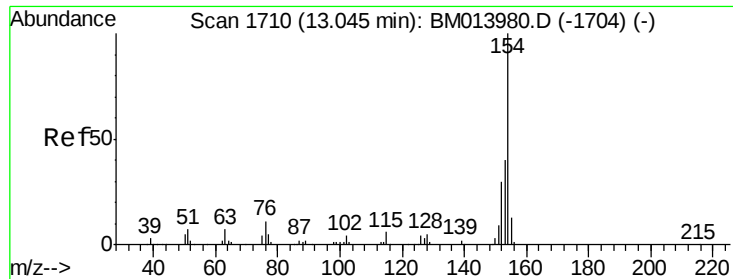
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#34
2-Methylnaphthalene
Concen: 17.642 ng/ul
RT: 12.01 min Scan# 1534
Delta R.T. -0.01 min
Lab File: BM013986.D
Acq: 30 Jan 2018 08:04

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.9	74.1	111.1





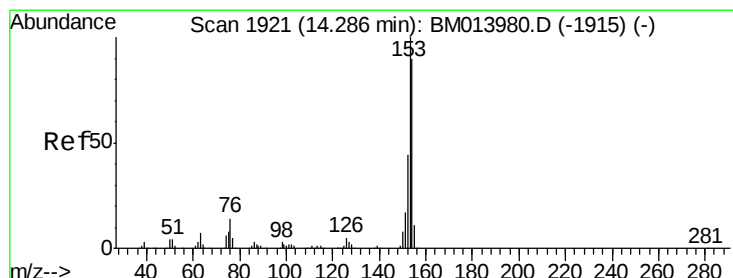
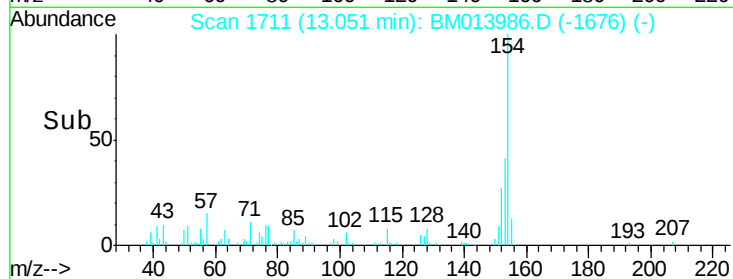
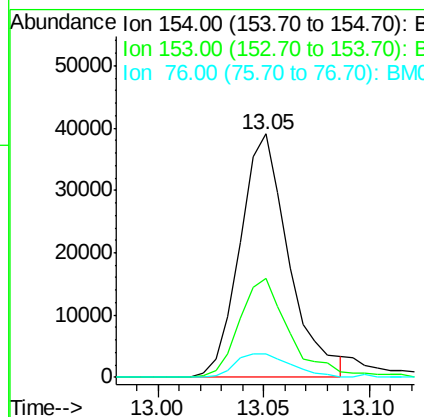
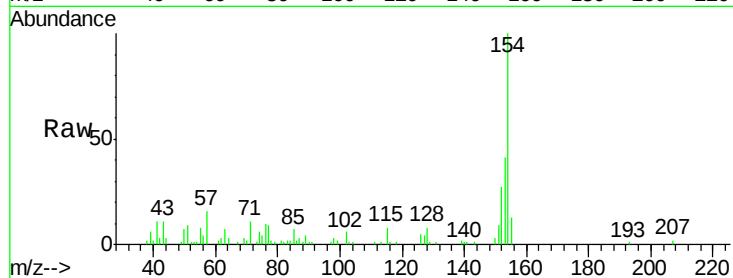
#40
 1,1'-Biphenyl
 Concen: 3.029 ng/ul
 RT: 13.05 min Scan# 1711
 Delta R.T. 0.01 min
 Lab File: BM013986.D
 Acq: 30 Jan 2018 08:04

Instrument :
 BNA_M
 ClientSampled :
 F6B32DL

Tot Ion:	154	Resp:	62847
Ion Ratio	Lower	Upper	
154	100		
153	40.8	32.6	48.8
76	9.7	8.5	12.7

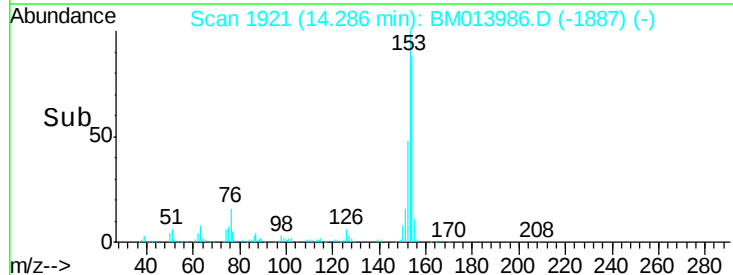
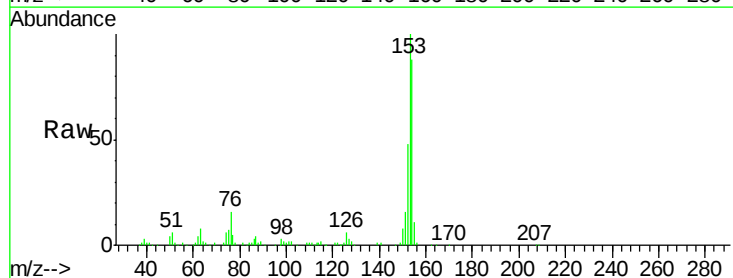
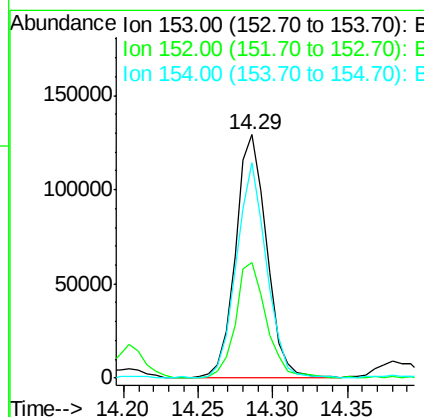
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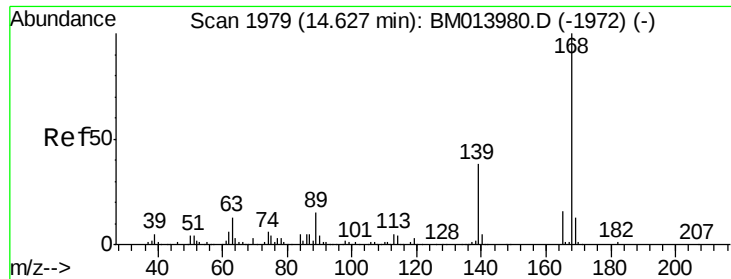
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#49
 Acenaphthene
 Concen: 11.379 ng/ul
 RT: 14.29 min Scan# 1921
 Delta R.T. 0.00 min
 Lab File: BM013986.D
 Acq: 30 Jan 2018 08:04

Tgt Ion:	153	Resp:	188902
Ion Ratio	Lower	Upper	
153	100		
152	47.6	37.6	56.4
154	88.4	70.4	105.6





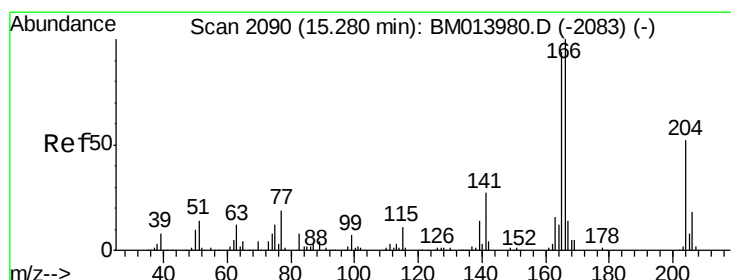
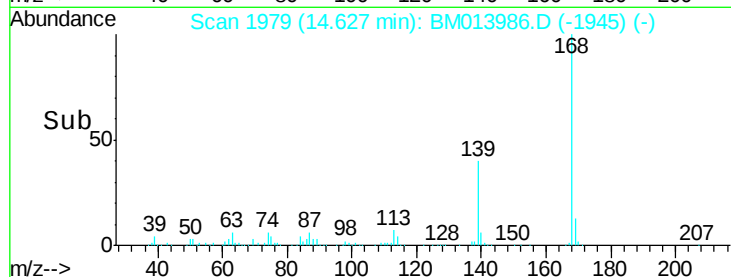
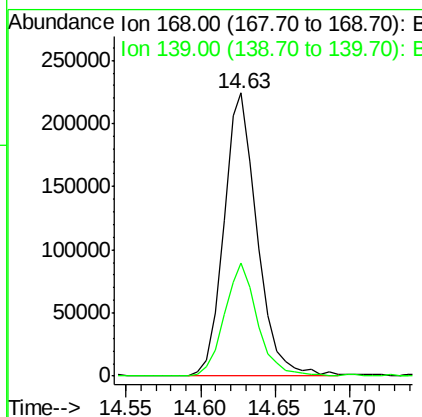
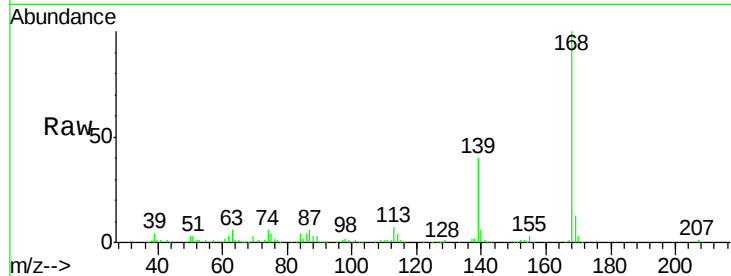
#53
Dibenzenofuran
Concen: 14.003 ng/ul
RT: 14.63 min Scan# 1979
Delta R.T. 0.00 min
Lab File: BM013986.D
Acq: 30 Jan 2018 08:04

Instrument :
BNA_M
ClientSampled :
F6B32DL

Tot Ion	Ratio	Lower	Upper
168	100		
139	40.1	30.8	46.2

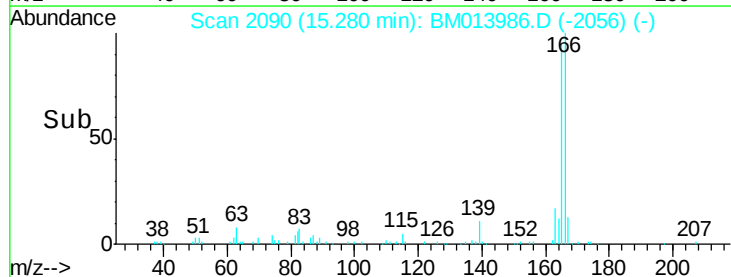
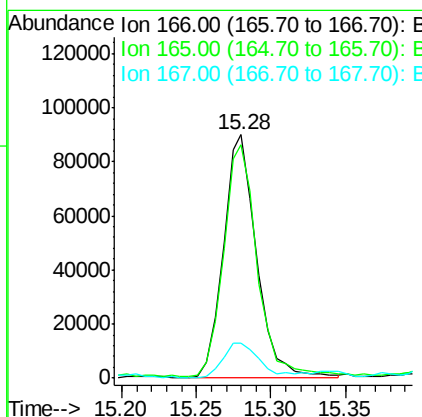
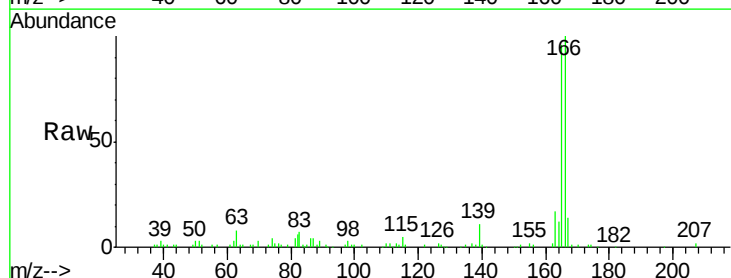
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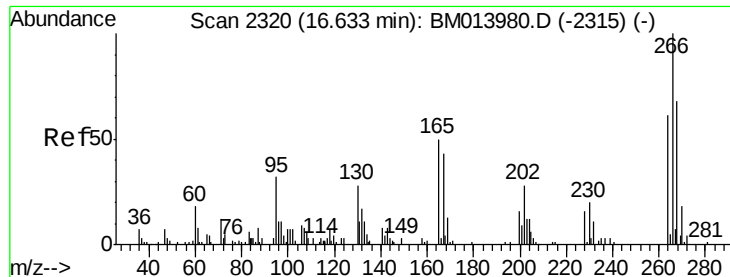
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#58
Fluorene
Concen: 6.878 ng/ul
RT: 15.28 min Scan# 2090
Delta R.T. 0.00 min
Lab File: BM013986.D
Acq: 30 Jan 2018 08:04

Tgt Ion	Ratio	Lower	Upper
166	100		
165	95.8	77.9	116.9
167	14.3	10.6	16.0





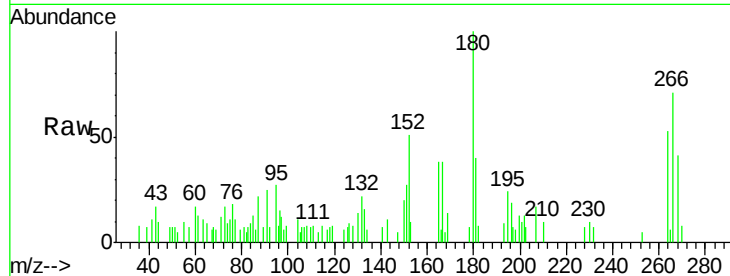
#68
 Pentachlorophenol
 Concen: 1.815 ng/ul
 RT: 16.64 min Scan# 2322
 Delta R.T. 0.01 min
 Lab File: BM013986.D
 Acq: 30 Jan 2018 08:04

Instrument :
 BNA_M
 ClientSampleID :
 F6B32DL

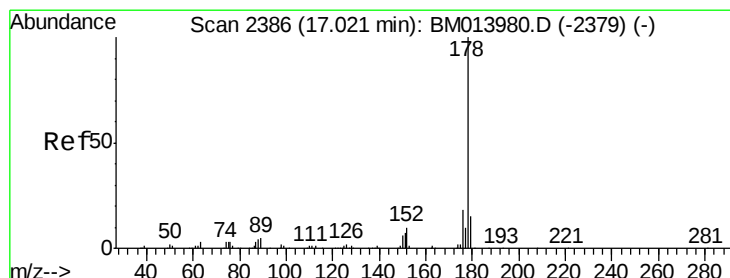
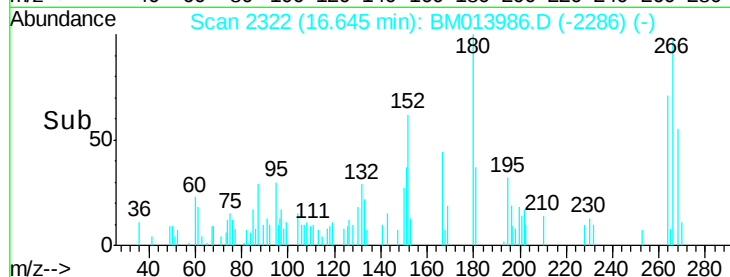
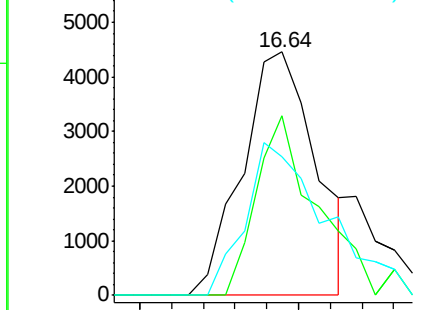
Tot Ion	Ratio	Lower	Upper
266	100		
264	74.0	49.3	73.9#
268	57.0	52.6	78.8

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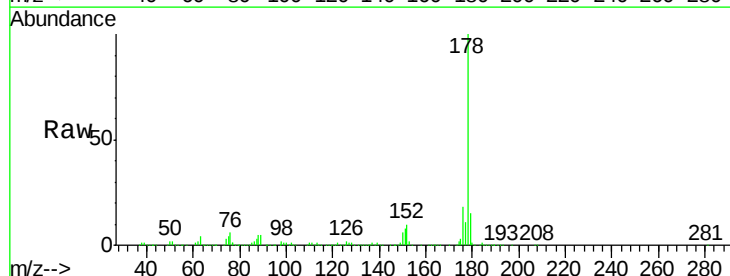


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 264.00 (263.70 to 264.70): E
 Ion 268.00 (267.70 to 268.70): E

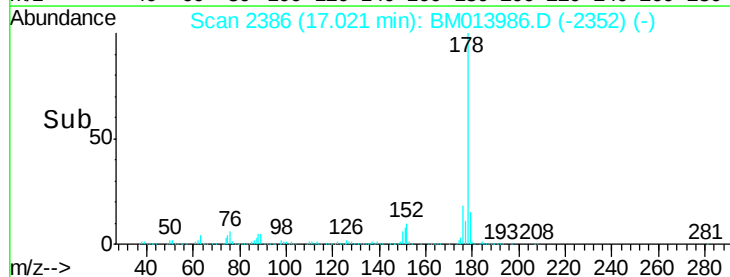
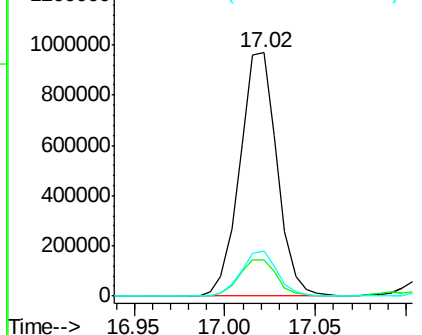


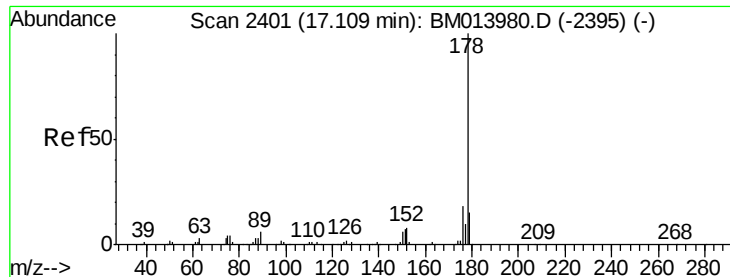
#69
 Phenanthrene
 Concen: 42.227 ng/ul
 RT: 17.02 min Scan# 2386
 Delta R.T. 0.00 min
 Lab File: BM013986.D
 Acq: 30 Jan 2018 08:04

Tgt Ion	Ratio	Lower	Upper
178	100		
179	14.7	12.6	19.0
176	18.4	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





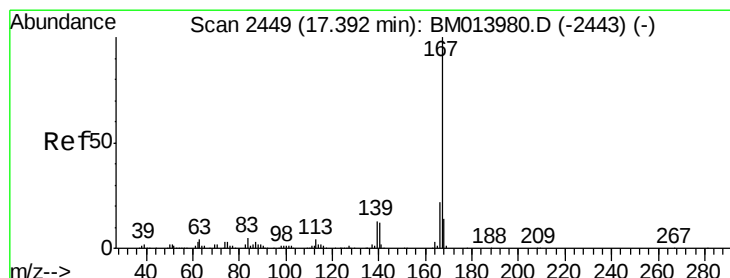
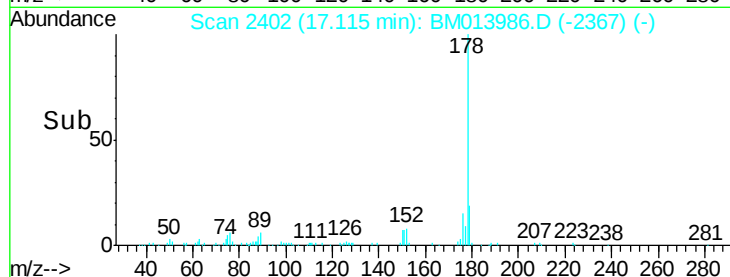
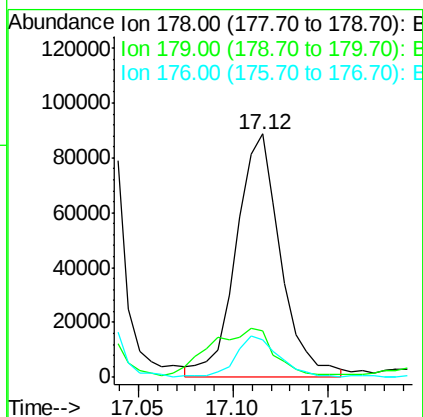
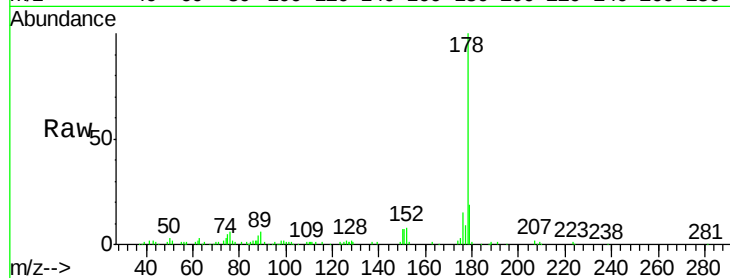
#71
 Anthracene
 Concen: 4.343 ng/ul m
 RT: 17.12 min Scan# 2402
 Delta R.T. 0.01 min
 Lab File: BM013986.D
 Acq: 30 Jan 2018 08:04

Instrument :
 BNA_M
 ClientSampleId :
 F6B32DL

Tot Ion	Ratio	Lower	Upper
178	100		
179	19.3	11.7	17.5#
176	15.2	14.6	21.8

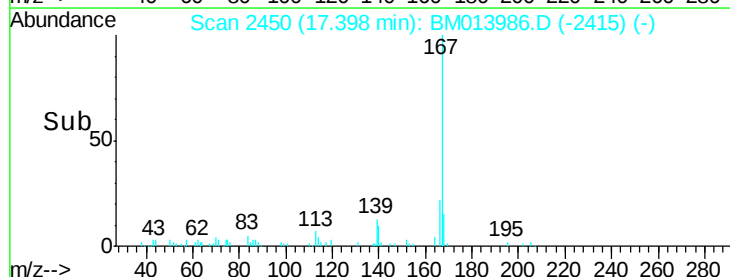
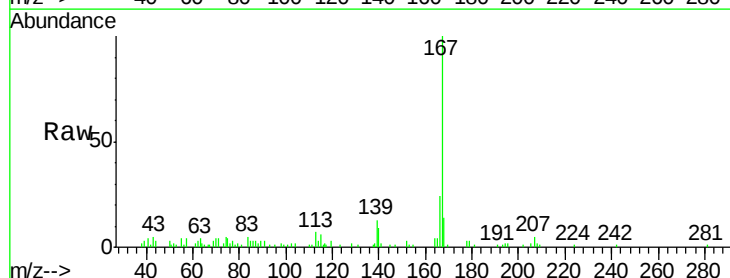
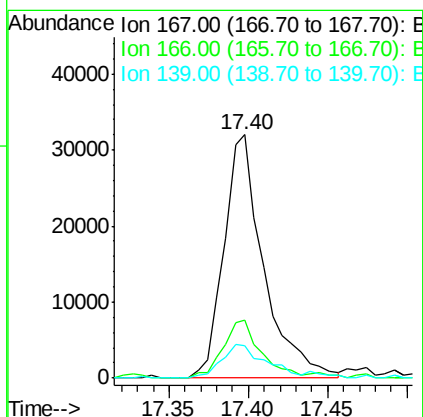
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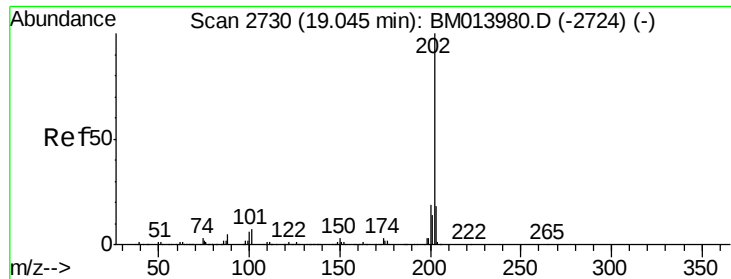
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#72
 Carbazole
 Concen: 2.006 ng/ul
 RT: 17.40 min Scan# 2450
 Delta R.T. 0.01 min
 Lab File: BM013986.D
 Acq: 30 Jan 2018 08:04

Tgt Ion	Ratio	Lower	Upper
167	100		
166	23.7	17.1	25.7
139	13.2	10.0	15.0





#74

Fluoranthene

Concen: 19.800 ng/ul

RT: 19.04 min Scan# 2730

Delta R.T. 0.00 min

Lab File: BM013986.D

Acq: 30 Jan 2018 08:04

Instrument :

BNA_M

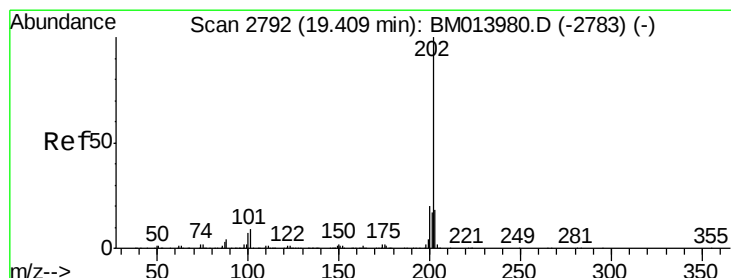
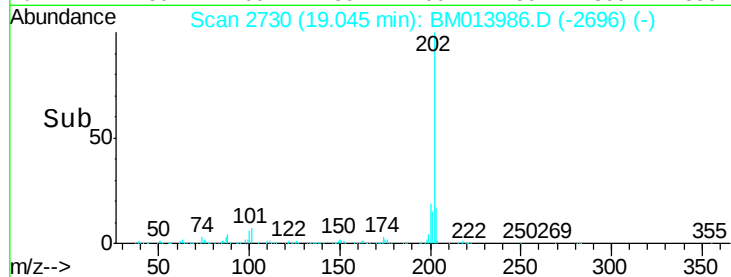
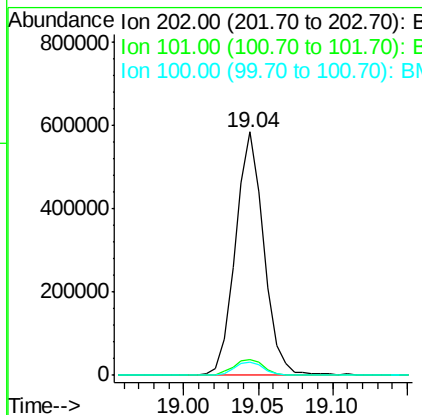
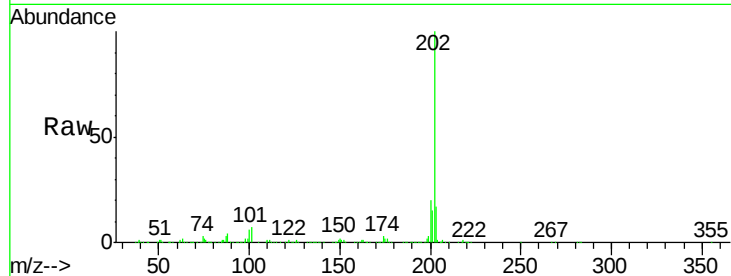
ClientSampleId :

F6B32DL

Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100		771167		
101	6.7	4.6	7.0		
100	5.5	3.4	5.2#		

Manual Integrations
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#77

Pyrene

Concen: 11.543 ng/ul

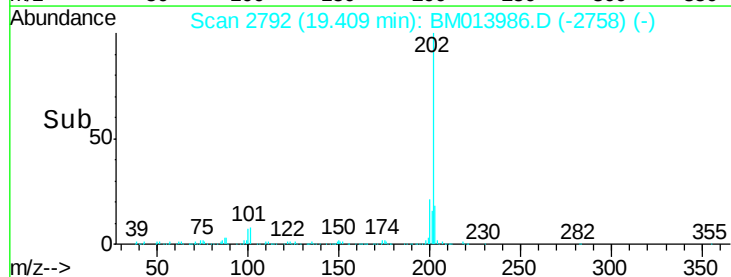
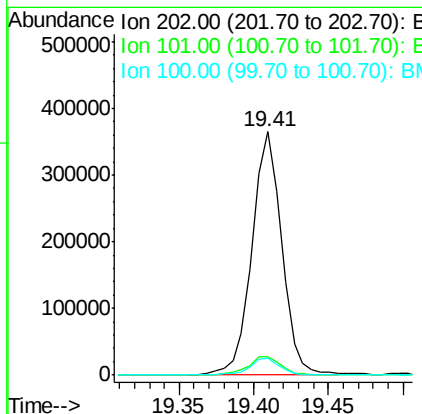
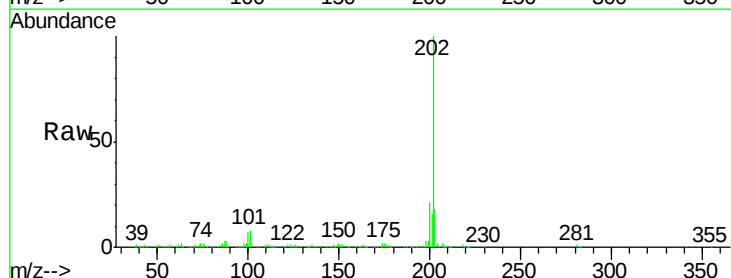
RT: 19.41 min Scan# 2792

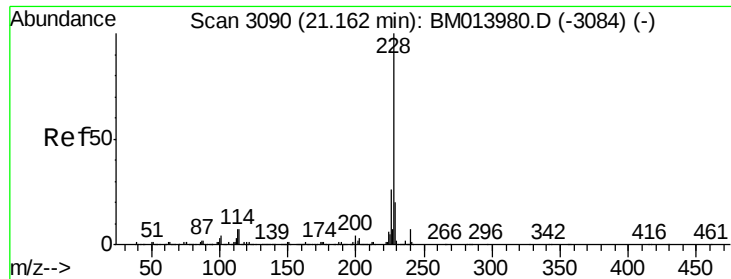
Delta R.T. 0.00 min

Lab File: BM013986.D

Acq: 30 Jan 2018 08:04

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
202	100		503666		
101	7.6	5.1	7.7		
100	6.9	4.9	7.3		





#80

Benzo(a)anthracene

Concen: 2.189 ng/ul

RT: 21.16 min Scan# 3090

Delta R.T. 0.00 min

Lab File: BM013986.D

Acq: 30 Jan 2018 08:04

Instrument :

BNA_M

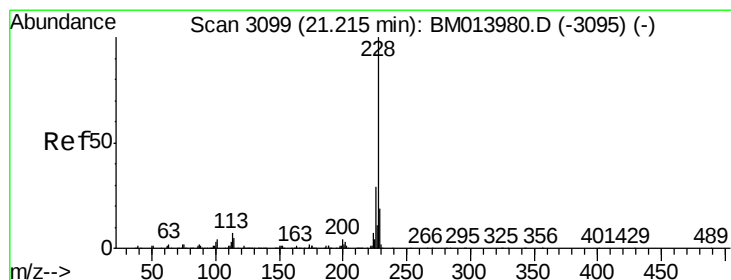
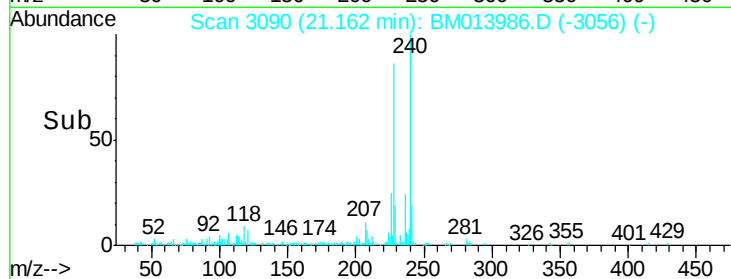
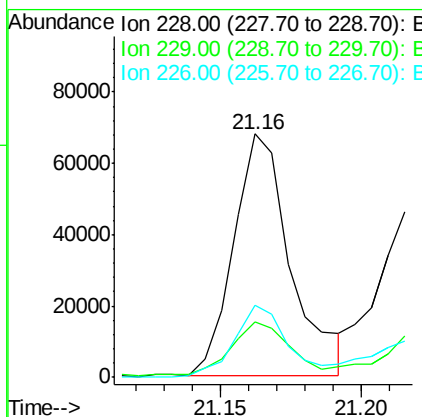
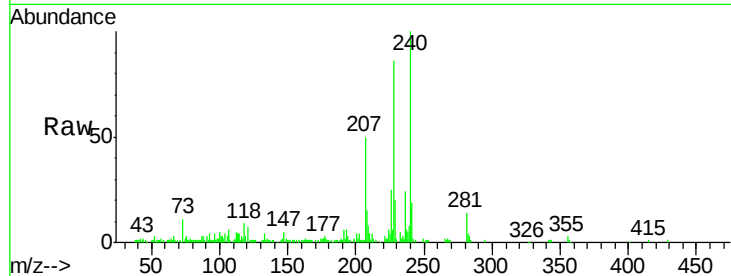
ClientSampleId :

F6B32DL

Tot Ion:	228	Resp:	94918
Ion Ratio	Lower	Upper	
228	100		
229	22.9	15.4	23.0
226	29.5	21.4	32.0

Manual Integrations
APPROVED

Sohil
1/30/2018 3:34:59 PM



#82

Chrysene

Concen: 1.870 ng/ul m

RT: 21.22 min Scan# 3099

Delta R.T. 0.00 min

Lab File: BM013986.D

Acq: 30 Jan 2018 08:04

Tgt Ion:	228	Resp:	74394
Ion Ratio	Lower	Upper	
228	100		
226	21.6	23.4	35.2#
229	25.0	15.5	23.3#

