

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM012618\
 Data File : BM013870.D
 Acq On : 27 Jan 2018 06:46
 Operator : SJ/JU
 Sample : J1222-12DL 10X
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F6A85DL

Manual Integrations
 APPROVED

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 1/29/2018 7:21:17 PM

Quant Time: Jan 27 21:42:16 2018
 Quant Method : Z:\HPCHEM1\BNA_M\Methods\SOM-EPA-BM011018.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Jan 27 04:13:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	152961	20.00	ng/ul	0.00
18) Naphthalene-d8	10.36	136	563193	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.23	164	313249	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.99	188	657279	20.00	ng/ul	0.00
75) Chrysene-d12	21.19	240	711915	20.00	ng/ul	0.00
83) Perylene-d12	23.38	264	718451	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.15	96	942	0.24	ng/uL	0.00
5) Phenol-d5	6.78	99	15892	1.35	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.94	67	10234	1.44	ng/ul	0.00
9) 2-Chlorophenol-d4	7.12	132	14410	1.51	ng/ul	0.00
13) 4-Methylphenol-d8	8.33	113	9975	1.11	ng/ul	0.03
19) Nitrobenzene-d5	8.76	128	7291m	1.67	ng/ul	0.02
22) 2-Nitrophenol-d4	9.47	143	7127m	1.54	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	10.03	165	13309m	1.49	ng/ul	0.04
29) 4-Chloroaniline-d4	10.54	131	8553m	1.11	ng/ul	0.03
43) Dimethylphthalate-d6	13.66	166	49293	1.91	ng/ul	0.00
46) Acenaphthylene-d8	13.93	160	56332	1.71	ng/ul	0.00
51) 4-Nitrophenol-d4	14.46	143	438	0.10	ng/ul	0.00
57) Fluorene-d10	15.24	176	42615	1.88	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.40	200	4035	1.02	ng/ul	0.02
70) Anthracene-d10	17.09	188	61099	1.91	ng/ul	0.00
76) Pyrene-d10	19.40	212	76055	2.29	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.24	264	70234	2.13	ng/ul	0.00

Target Compounds

					Qvalue
28) Naphthalene	10.41	128	83377	2.976 ng/ul	97
34) 2-Methylnaphthalene	12.03	142	67368	3.225 ng/ul	94
49) Acenaphthene	14.30	153	47634	2.283 ng/ul	95
53) Dibenzofuran	14.64	168	52254	1.665 ng/ul	96
55) 2,3,4,6-Tetrachlorophenol	14.89	232	14816	2.253 ng/ul#	71
58) Fluorene	15.29	166	45533	1.771 ng/ul	95
68) Pentachlorophenol	16.64	266	243306	54.793 ng/ul	94
69) Phenanthrene	17.03	178	246861	6.757 ng/ul	98
74) Fluoranthene	19.06	202	143104	3.281 ng/ul#	97
77) Pyrene	19.42	202	99754	2.305 ng/ul	97

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

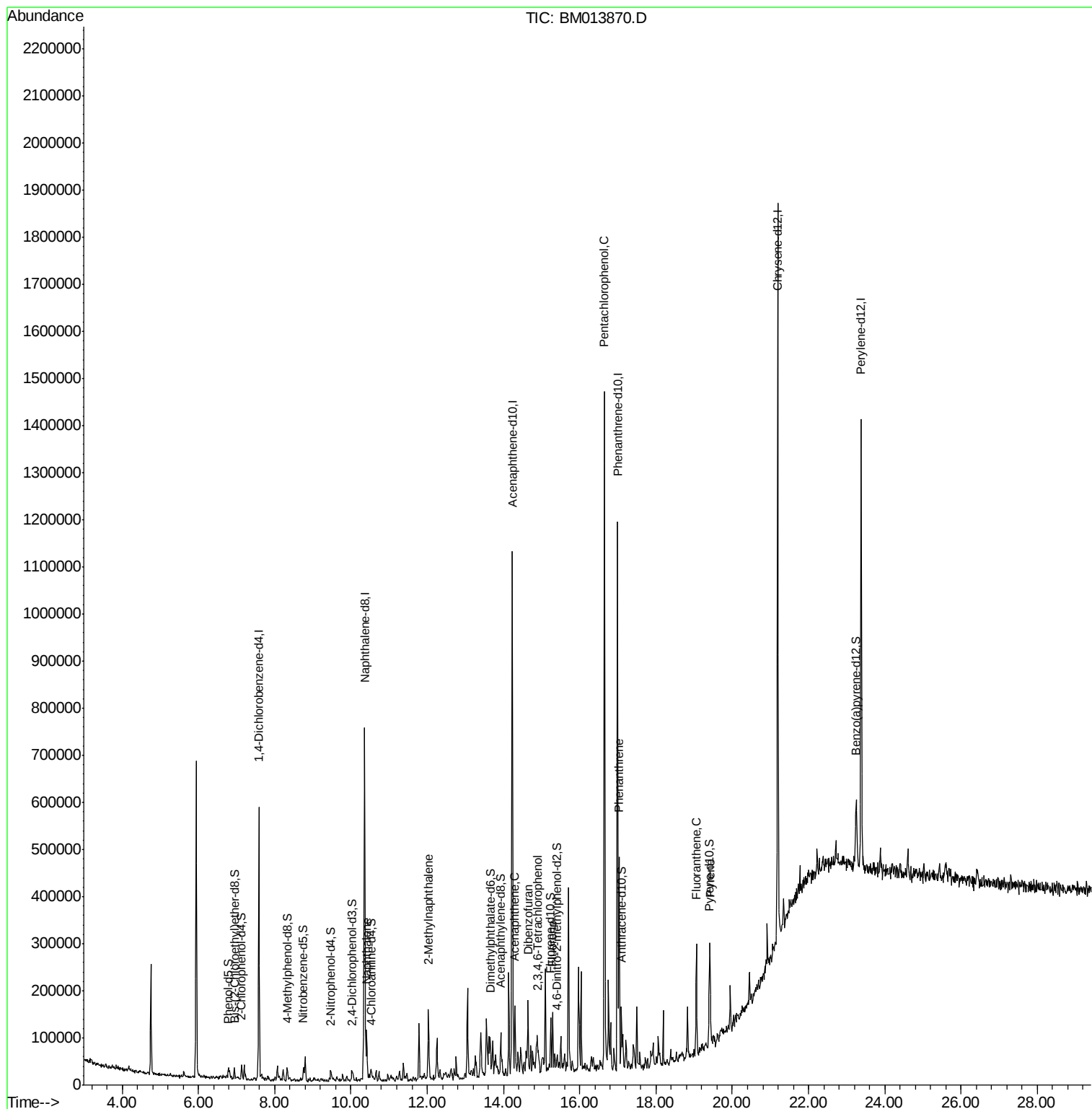
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM012618\
Data File : BM013870.D
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Operator : SJ/JU
Sample : J1222-12DL 10X
Misc :
ALS Vial : 34 Sample Multiplier: 1

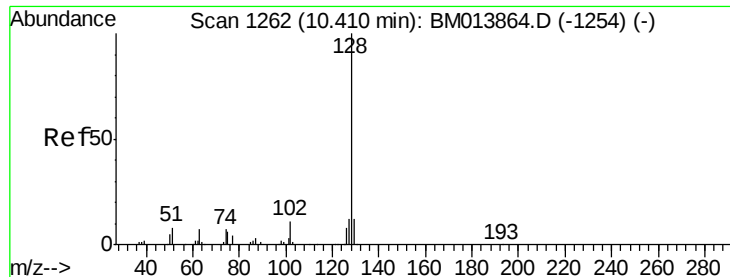
Instrument :
BNA_M
ClientSampleId :
F6A85DL

Manual Integrations
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Quant Title : SVOA CALIBRATION
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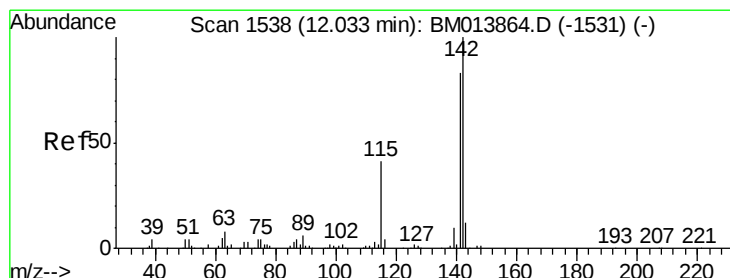
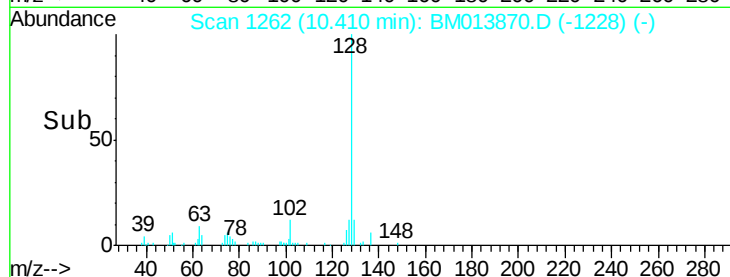
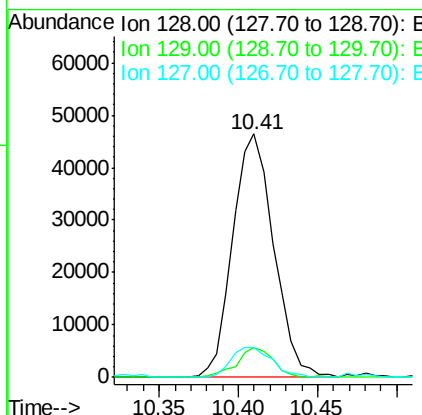
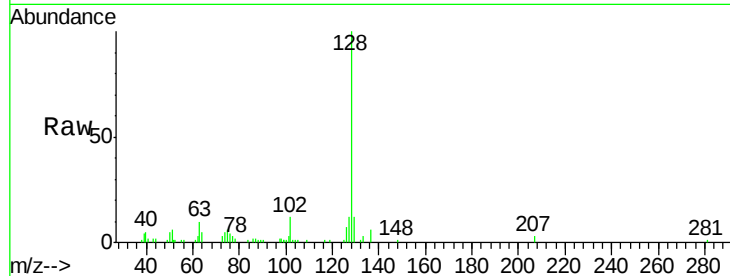
#28
Naphthalene
Concen: 2.976 ng/ul
RT: 10.41 min Scan# 1262
Delta R.T. -0.00 min
Lab File: BM013870.D
Acq: 27 Jan 2018 06:46

Instrument :
BNA_M
ClientSampleId :
F6A85DL

Tgt Ion	Ratio	Lower	Upper
128	100		
129	12.3	8.8	13.2
127	12.1	10.6	16.0

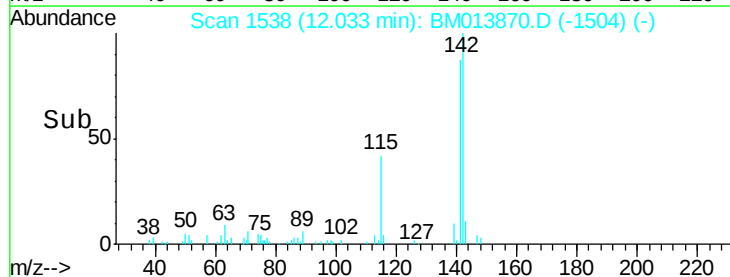
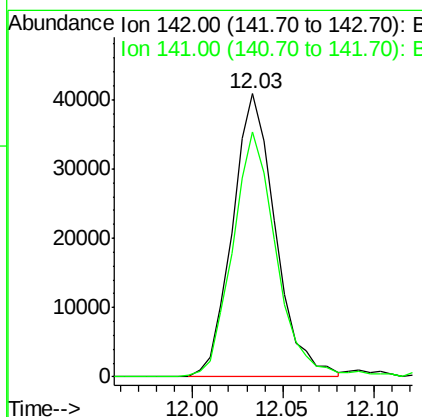
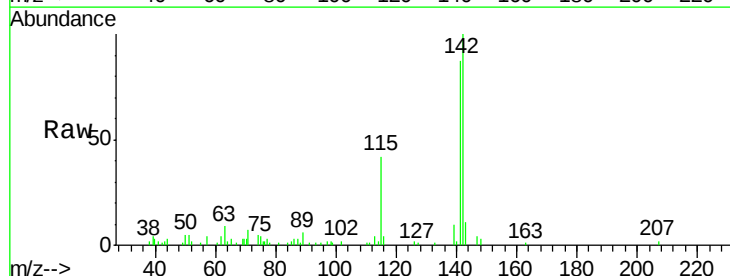
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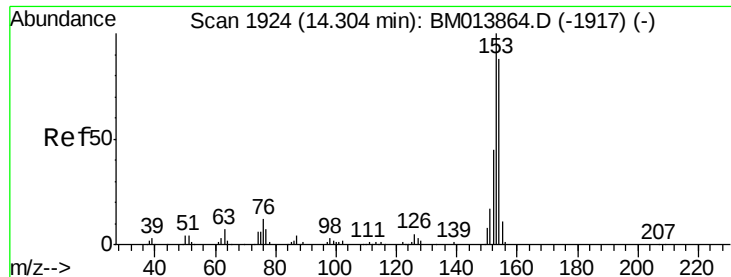
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#34
2-Methylnaphthalene
Concen: 3.225 ng/ul
RT: 12.03 min Scan# 1538
Delta R.T. -0.00 min
Lab File: BM013870.D
Acq: 27 Jan 2018 06:46

Tgt Ion	Ratio	Lower	Upper
142	100		
141	86.8	74.1	111.1





#49

Acenaphthene

Concen: 2.283 ng/ul

RT: 14.30 min Scan# 1924

Delta R.T. -0.00 min

Lab File: BM013870.D

Acq: 27 Jan 2018 06:46

Instrument :

BNA_M

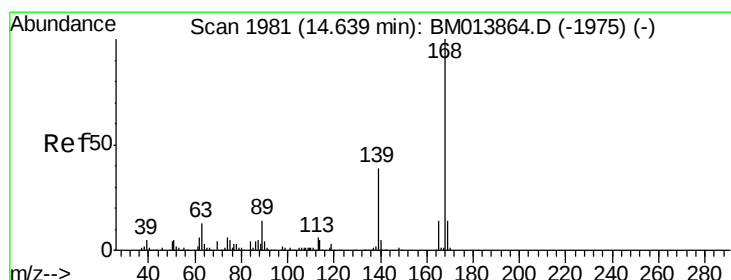
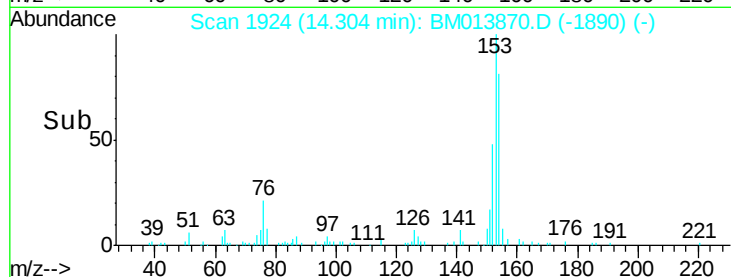
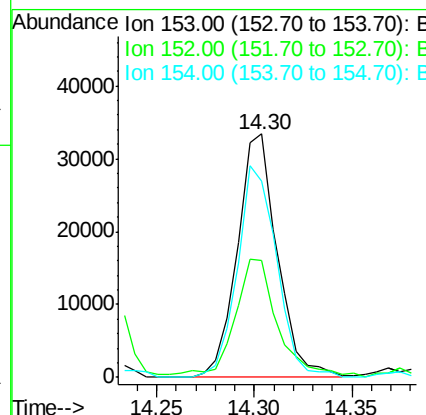
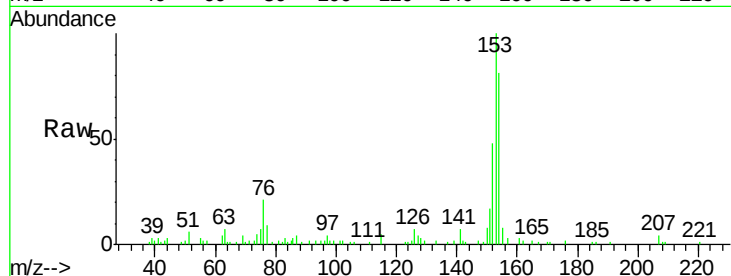
ClientSampled :

F6A85DL

Tgt Ion:	153	Resp:	47634
Ion Ratio	Lower	Upper	
153	100		
152	47.8	37.6	56.4
154	80.8	70.4	105.6

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#53

Dibenzofuran

Concen: 1.665 ng/ul

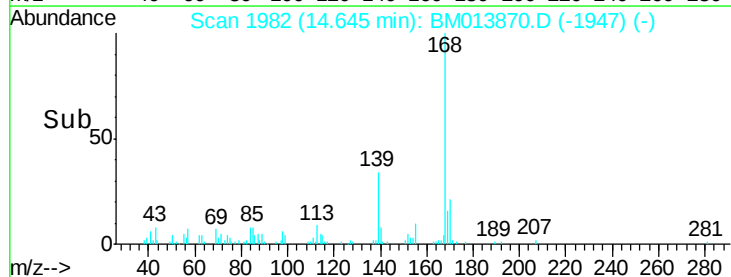
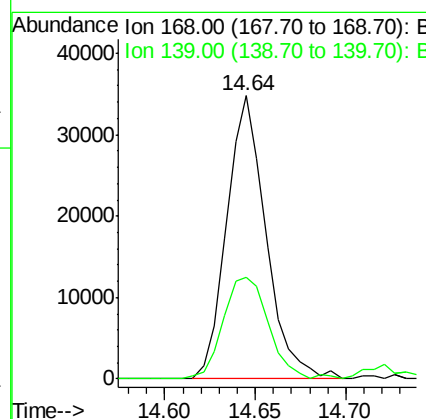
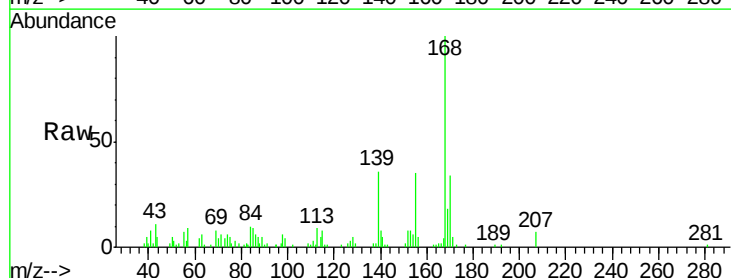
RT: 14.64 min Scan# 1982

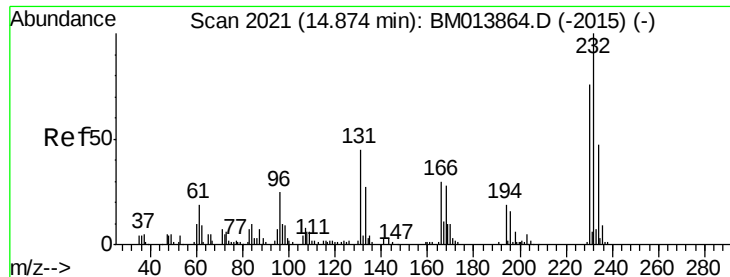
Delta R.T. 0.01 min

Lab File: BM013870.D

Acq: 27 Jan 2018 06:46

Tgt Ion:	168	Resp:	52254
Ion Ratio	Lower	Upper	
168	100		
139	35.8	30.8	46.2





#55

2,3,4,6-Tetrachlorophenol

Concen: 2.253 ng/ul

RT: 14.89 min Scan# 2023

Delta R.T. 0.01 min

Lab File: BM013870.D

Acq: 27 Jan 2018 06:46

Instrument :

BNA_M

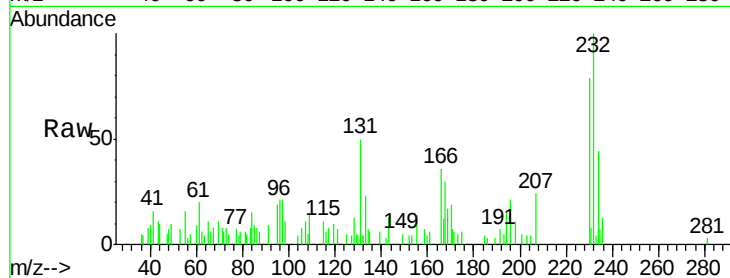
ClientSampleId :

F6A85DL

Tgt Ion:	232	Resp:	14816
Ion Ratio	Lower	Upper	
232	100		
131	50.0	29.0	43.4#
130	3.6	2.0	3.0#
166	47.5	21.4	32.2#

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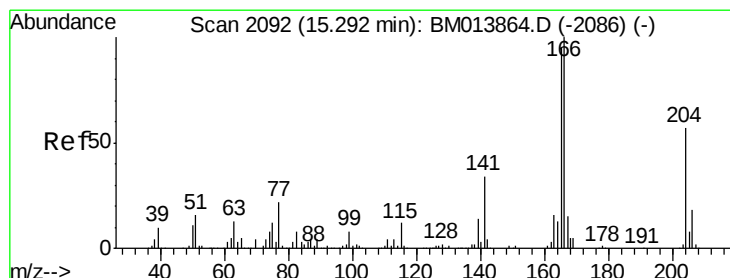
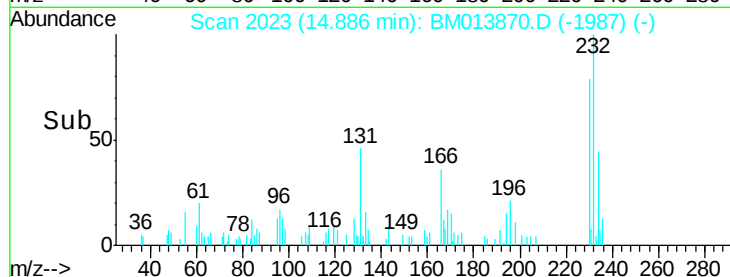
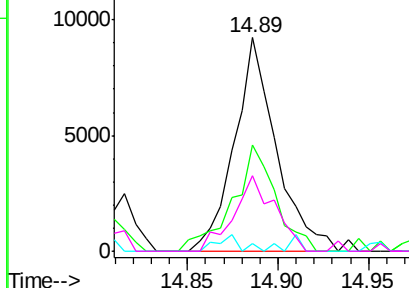


Abundance Ion 232.00 (231.70 to 232.70): E

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: 1.771 ng/ul

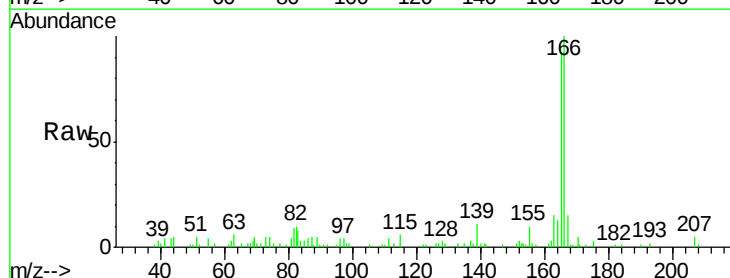
RT: 15.29 min Scan# 2092

Delta R.T. -0.00 min

Lab File: BM013870.D

Acq: 27 Jan 2018 06:46

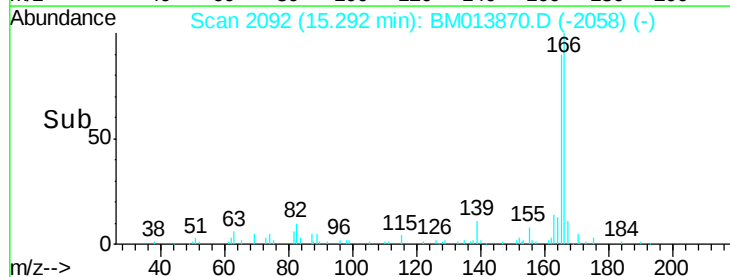
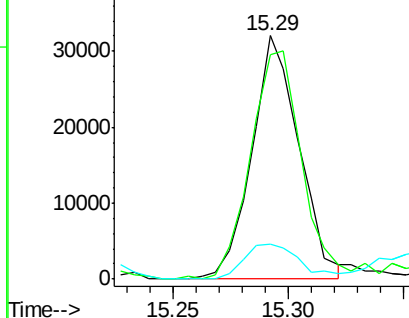
Tgt Ion:	166	Resp:	45533
Ion Ratio	Lower	Upper	
166	100		
165	92.1	77.9	116.9
167	14.6	10.6	16.0

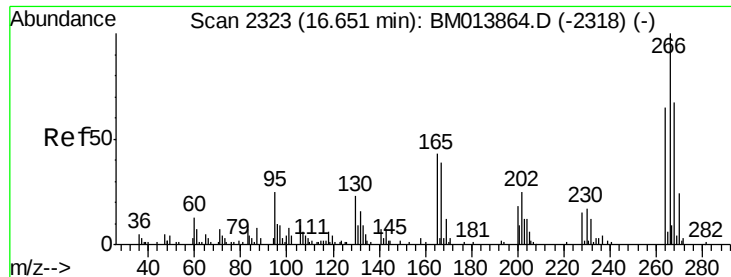


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





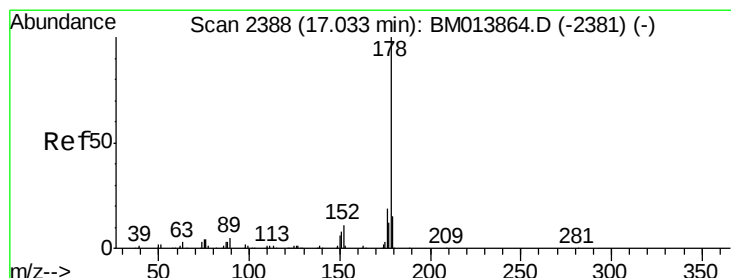
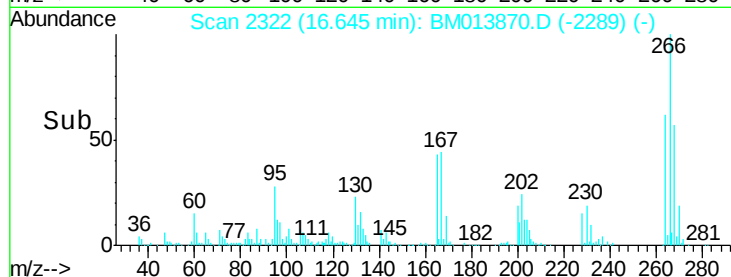
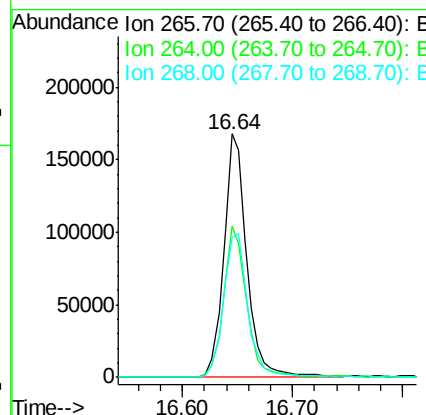
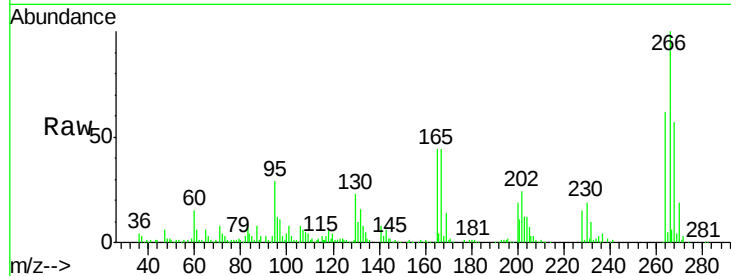
#68
 Pentachlorophenol
 Concen: 54.793 ng/ul
 RT: 16.64 min Scan# 2322
 Delta R.T. -0.01 min
 Lab File: BM013870.D
 Acq: 27 Jan 2018 06:46

Instrument :
 BNA_M
 ClientSampled :
 F6A85DL

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	243306		
264	62.0	49.3	73.9	
268	57.5	52.6	78.8	

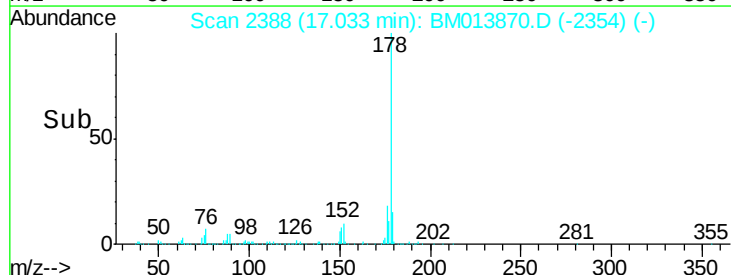
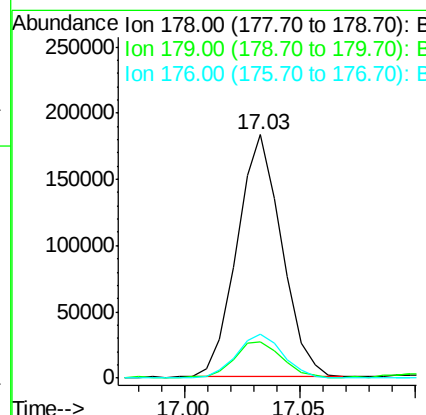
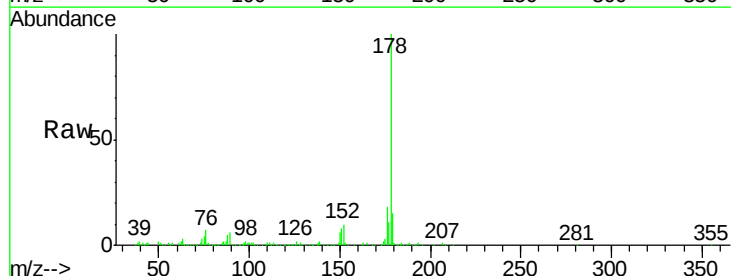
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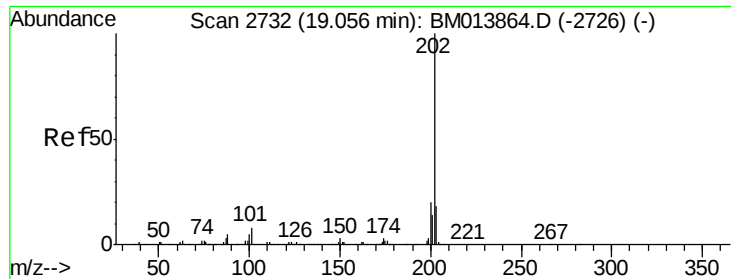
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#69
 Phenanthrene
 Concen: 6.757 ng/ul
 RT: 17.03 min Scan# 2388
 Delta R.T. -0.00 min
 Lab File: BM013870.D
 Acq: 27 Jan 2018 06:46

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	246861		
179	14.8	12.6	19.0	
176	18.0	14.9	22.3	





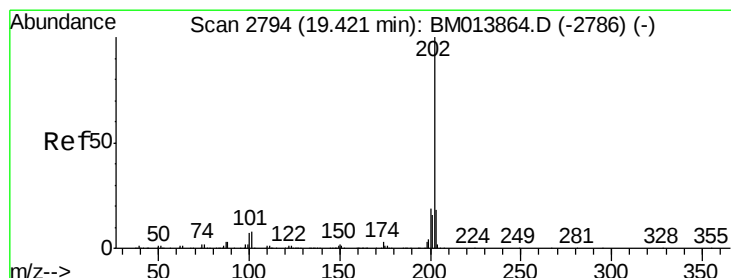
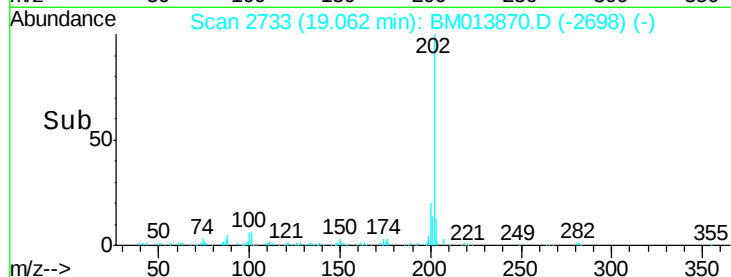
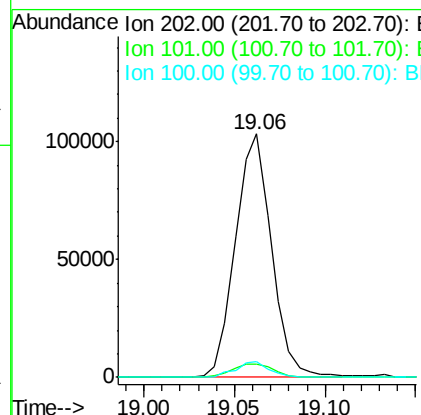
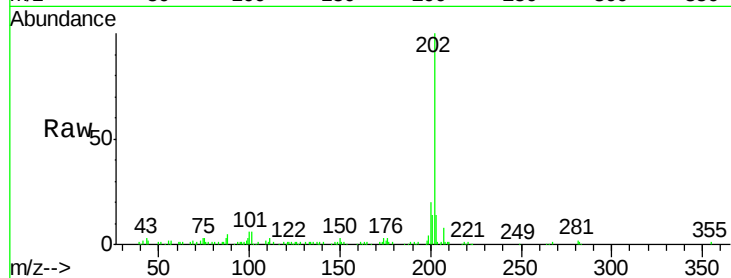
#74
 Fluoranthene
 Concen: 3.281 ng/ul
 RT: 19.06 min Scan# 2733
 Delta R.T. 0.01 min
 Lab File: BM013870.D
 Acq: 27 Jan 2018 06:46

Instrument :
 BNA_M
 ClientSampled :
 F6A85DL

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	5.5	4.6	7.0
100	6.4	3.4	5.2#

Manual Integrations
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#77
 Pyrene
 Concen: 2.305 ng/ul
 RT: 19.42 min Scan# 2794
 Delta R.T. -0.00 min
 Lab File: BM013870.D
 Acq: 27 Jan 2018 06:46

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	7.5	5.1	7.7
100	7.1	4.9	7.3

