

Data Path : Z:\HPCHEM1\BNA M\DATA\BM012518\
 Data File : BM013819.D
 Acq On : 25 Jan 2018 23:11
 Operator : SJ/JU
 Sample : J1222-08DL 20X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleID :
 F6A81DL

Manual Integrations
 APPROVED

Sohil
 1/26/2018 4:02:46 PM

Quant Time: Jan 26 03:15:22 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM011018.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jan 26 02:50:24 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	132293	20.00	ng/ul	0.00
18) Naphthalene-d8	10.36	136	481823	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.24	164	267543	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.00	188	603781	20.00	ng/ul	0.00
75) Chrysene-d12	21.20	240	663280	20.00	ng/ul	0.00
83) Perylene-d12	23.39	264	647429	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.16	96	237	0.07	ng/uL	0.01
5) Phenol-d5	6.80	99	7572	0.75	ng/ul	0.02
7) Bis-(2-Chloroethyl)ether-d	6.95	67	7307	1.19	ng/ul	0.01
9) 2-Chlorophenol-d4	7.15	132	9098	1.10	ng/ul	0.02
13) 4-Methylphenol-d8	8.33	113	5833m	0.75	ng/ul	0.02
19) Nitrobenzene-d5	8.76	128	4613m	1.23	ng/ul	0.01
22) 2-Nitrophenol-d4	9.47	143	4014m	1.02	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	10.04	165	8174m	1.07	ng/ul	0.04
29) 4-Chloroaniline-d4	10.57	131	3375m	0.51	ng/ul	0.05
43) Dimethylphthalate-d6	13.67	166	29233	1.33	ng/ul	0.00
46) Acenaphthylene-d8	13.93	160	34742	1.24	ng/ul	0.00
51) 4-Nitrophenol-d4	14.48	143	262	0.07	ng/ul	0.00
57) Fluorene-d10	15.24	176	27458	1.42	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.41	200	1665	0.46	ng/ul	0.02
70) Anthracene-d10	17.10	188	39948	1.36	ng/ul	0.00
76) Pyrene-d10	19.40	212	47357	1.53	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.26	264	42534	1.43	ng/ul	0.00

Target Compounds

					Ovalue	
28) Naphthalene	10.42	128	178474	7.446	ng/ul	100
34) 2-Methylnaphthalene	12.04	142	134071	7.502	ng/ul	97
40) 1,1'-Biphenyl	13.07	154	33501	1.504	ng/ul#	93
49) Acenaphthene	14.30	153	96964	5.442	ng/ul	94
53) Dibenzofuran	14.65	168	98147	3.661	ng/ul	95
55) 2,3,4,6-Tetrachlorophenol	14.89	232	29654	5.280	ng/ul#	89
58) Fluorene	15.30	166	86162	3.924	ng/ul#	97
68) Pentachlorophenol	16.65	266	393544	96.479	ng/ul	97
69) Phenanthrene	17.04	178	405461	12.081	ng/ul	98
71) Anthracene	17.13	178	60012	1.734	ng/ul	96
74) Fluoranthene	19.06	202	196110	4.895	ng/ul#	97
77) Pyrene	19.43	202	137554	3.411	ng/ul#	91

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

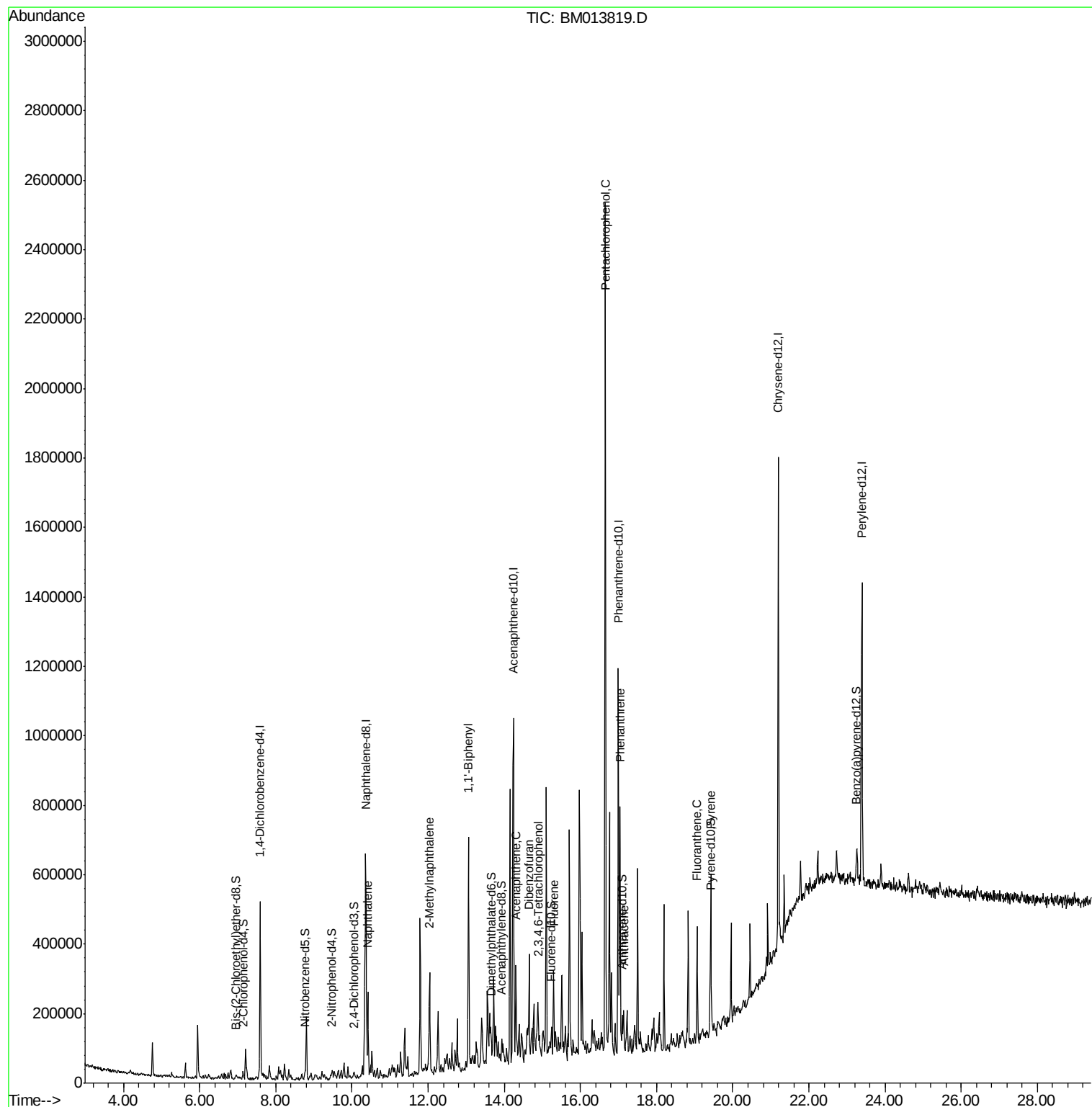
Data Path : Z:\HPCHEM1\BNA M\DATA\BM012518\
Data File : BM013819.D
Acq On : 25 Jan 2018 23:11
Operator : SJ/JU
Sample : J1222-08DL 20X
Misc :
ALS Vial : 18 Sample Multiplier: 1

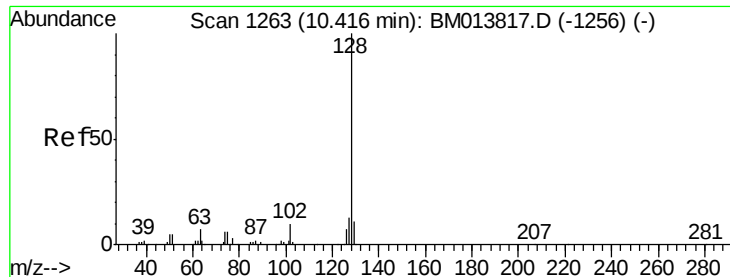
Instrument :
BNA_M
ClientSampleId :
F6A81DL

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Quant Time: Jan 26 03:15:22 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jan 26 02:50:24 2018
Response via : Initial Calibration





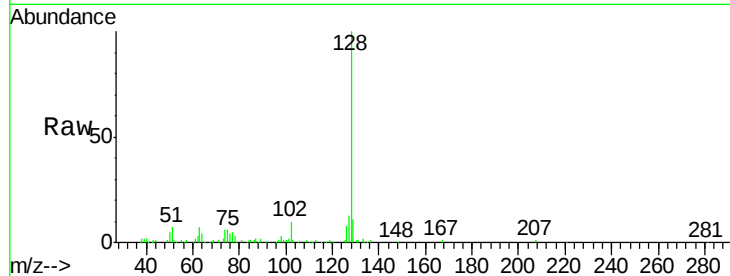
#28
Naphthalene
Concen: 7.446 ng/ul
RT: 10.42 min Scan# 1263
Delta R.T. -0.00 min
Lab File: BM013819.D
Acq: 25 Jan 2018 23:11

Instrument :
BNA_M
ClientSampled :
F6A81DL

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.8	8.8	13.2
127	13.1	10.6	16.0

Manual Integrations
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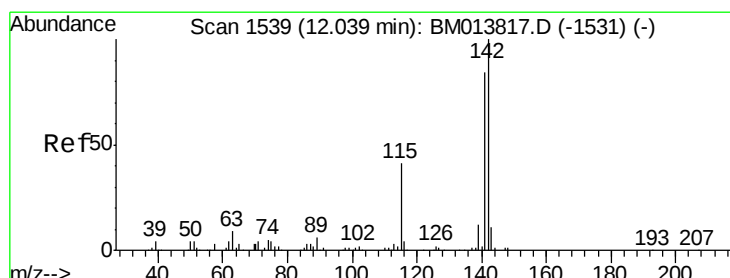
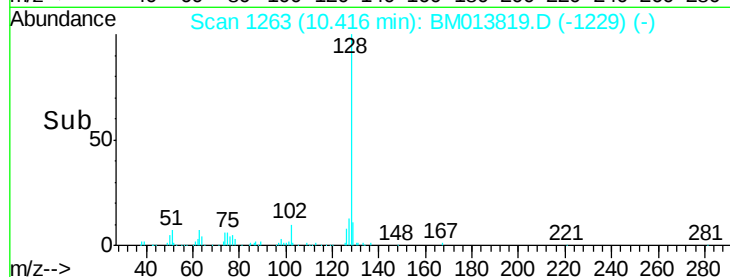
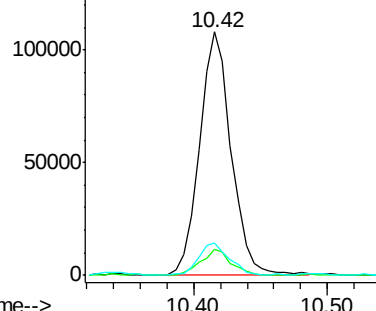


Abundance

Ion 128.00 (127.70 to 128.70): E

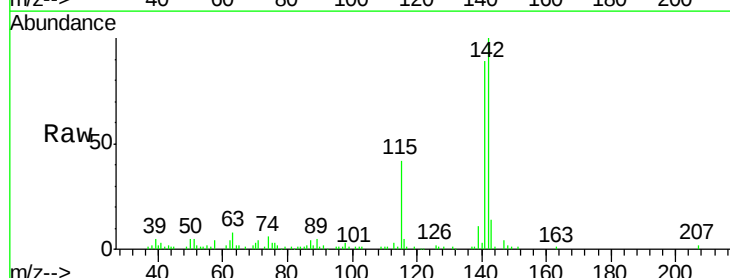
Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#34
2-Methylnaphthalene
Concen: 7.502 ng/ul
RT: 12.04 min Scan# 1539
Delta R.T. -0.00 min
Lab File: BM013819.D
Acq: 25 Jan 2018 23:11

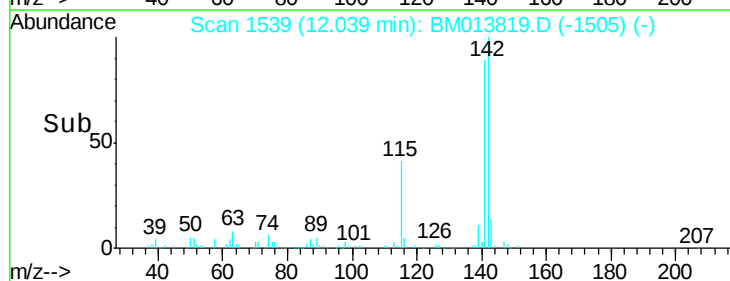
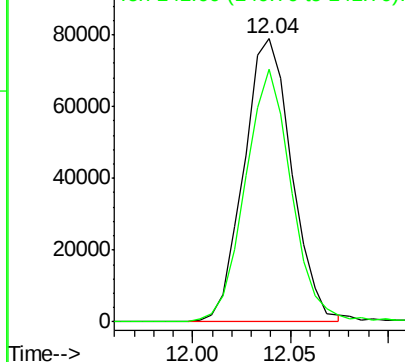
Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.3	74.1	111.1

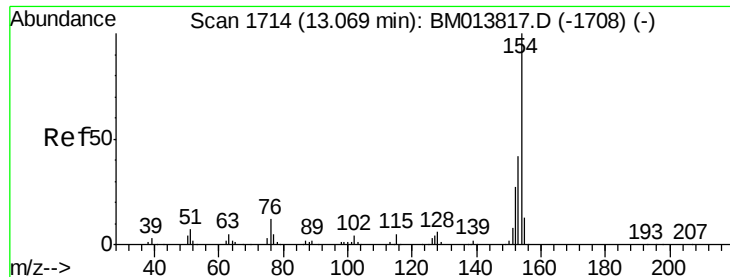


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





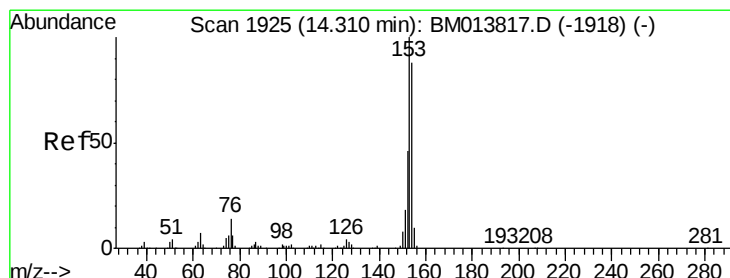
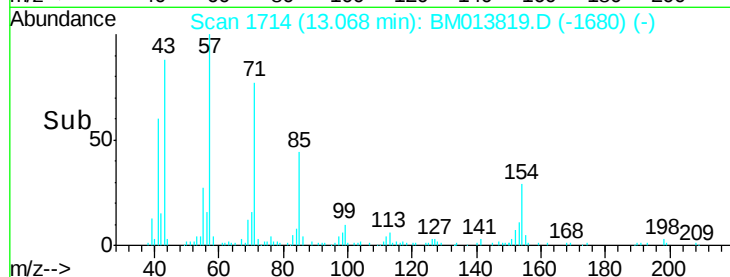
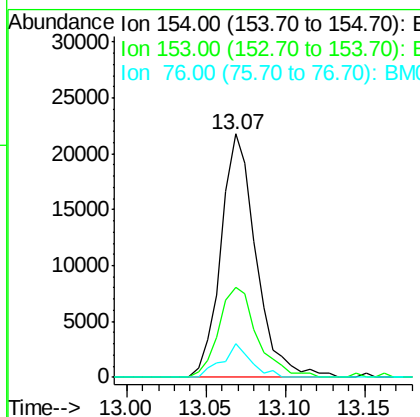
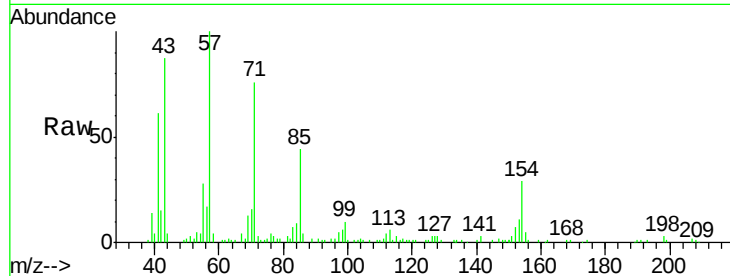
#40
1,1'-Biphenyl
Concen: 1.504 ng/ul
RT: 13.07 min Scan# 1714
Delta R.T. -0.00 min
Lab File: BM013819.D
Acq: 25 Jan 2018 23:11

Instrument :
BNA_M
ClientSampleId :
F6A81DL

Tot Ion	Ratio	Lower	Upper
154	100		
153	36.8	32.6	48.8
76	13.8	8.5	12.7

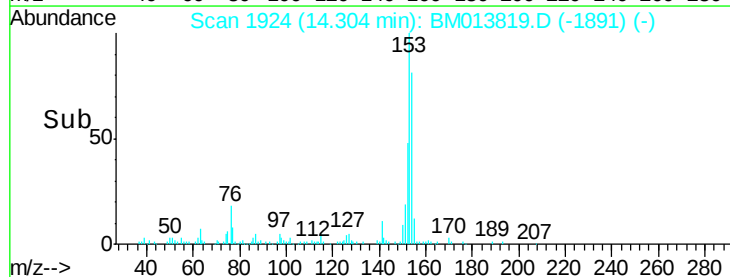
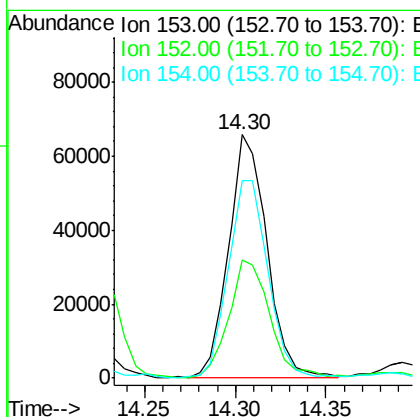
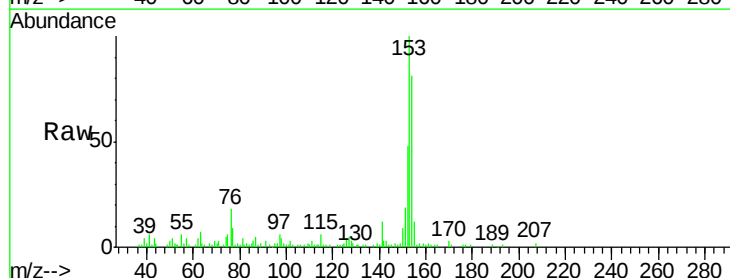
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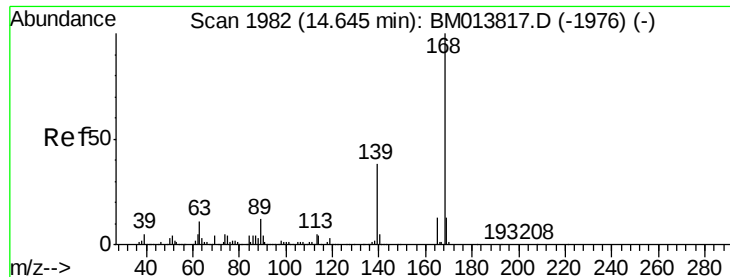
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#49
Acenaphthene
Concen: 5.442 ng/ul
RT: 14.30 min Scan# 1924
Delta R.T. -0.01 min
Lab File: BM013819.D
Acq: 25 Jan 2018 23:11

Tgt Ion	Ratio	Lower	Upper
153	100		
152	48.3	37.6	56.4
154	80.9	70.4	105.6





#53

Dibenzofuran

Concen: 3.661 ng/ul

RT: 14.65 min Scan# 1983

Delta R.T. 0.01 min

Lab File: BM013819.D

Acq: 25 Jan 2018 23:11

Instrument :

BNA_M

ClientSampleId :

F6A81DL

Tot Ion:168 Resp: 98147

Ion Ratio Lower Upper

168 100

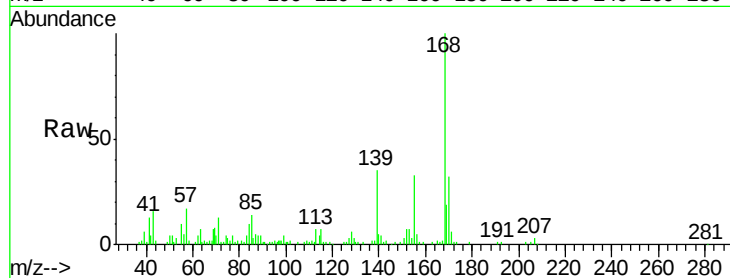
139 35.5 30.8 46.2

Manual Integrations

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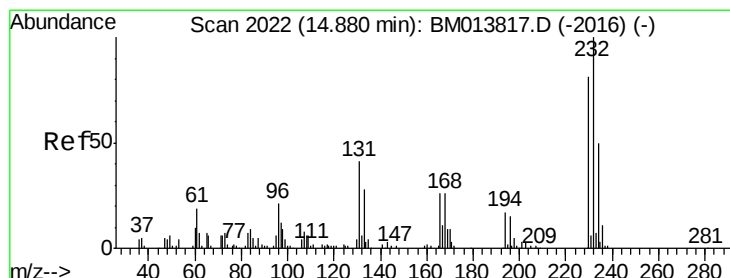
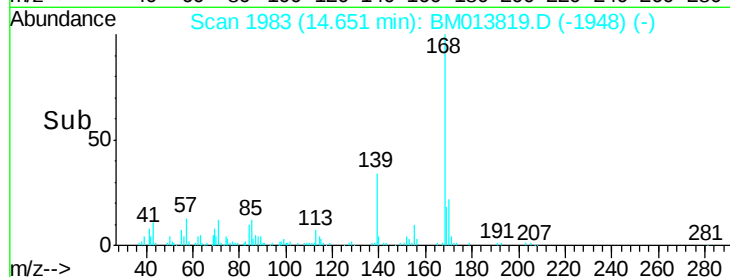
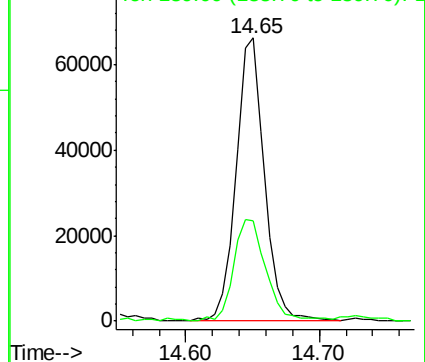
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Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E



#55

2,3,4,6-Tetrachlorophenol

Concen: 5.280 ng/ul

RT: 14.89 min Scan# 2023

Delta R.T. 0.01 min

Lab File: BM013819.D

Acq: 25 Jan 2018 23:11

Tgt Ion:232 Resp: 29654

Ion Ratio Lower Upper

232 100

131 44.8 29.0 43.4#

130 4.0 2.0 3.0#

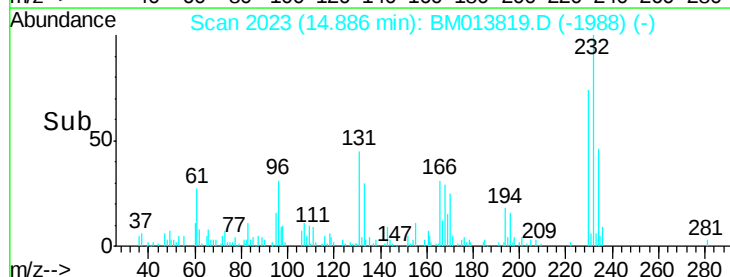
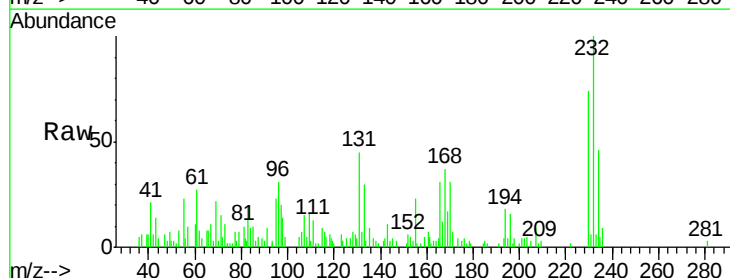
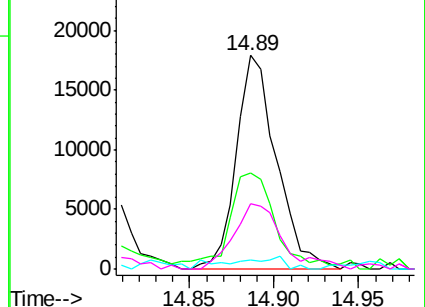
166 30.5 21.4 32.2

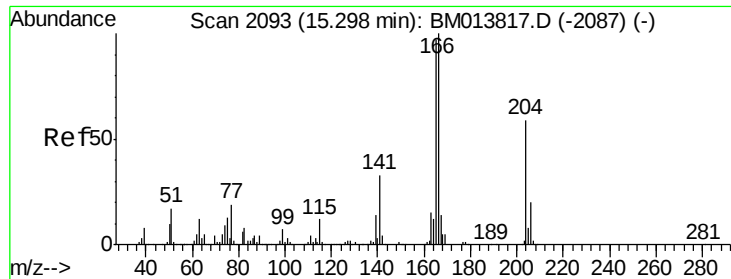
Abundance Ion 232.00 (231.70 to 232.70): E

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





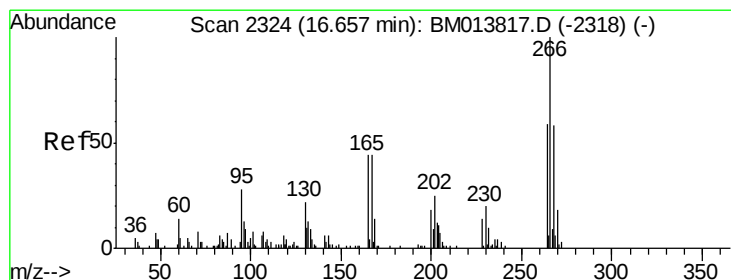
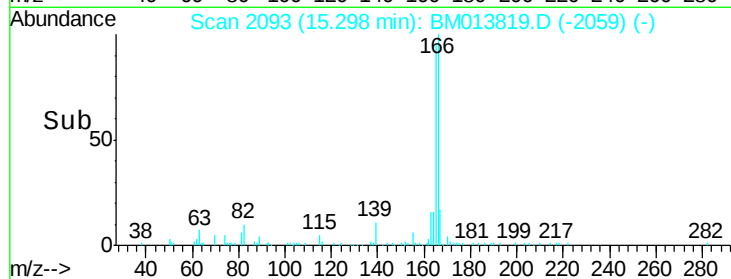
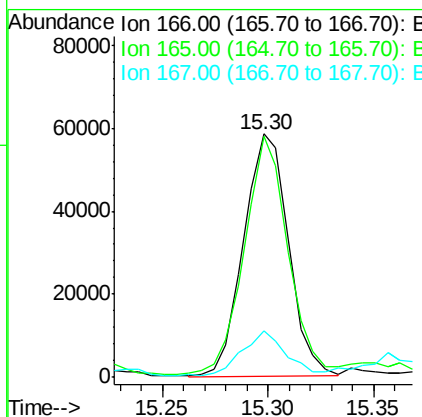
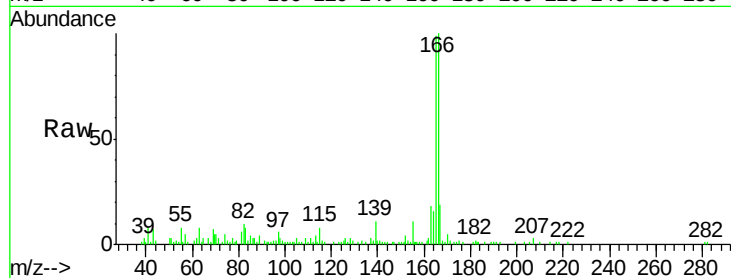
#58
 Fluorene
 Concen: 3.924 ng/ul
 RT: 15.30 min Scan# 2093
 Delta R.T. -0.00 min
 Lab File: BM013819.D
 Acq: 25 Jan 2018 23:11

Instrument :
 BNA_M
 ClientSampleId :
 F6A81DL

Tot Ion	Ratio	Lower	Upper
166	100		
165	99.0	77.9	116.9
167	19.2	10.6	16.0

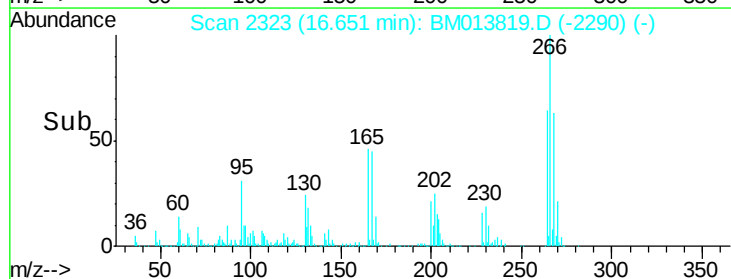
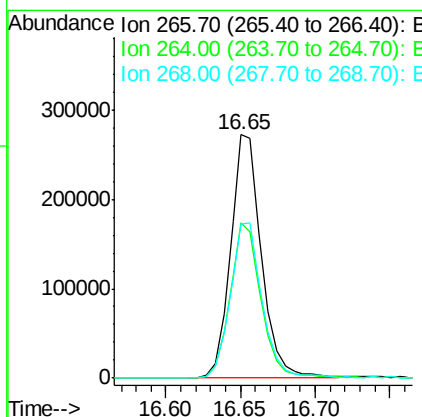
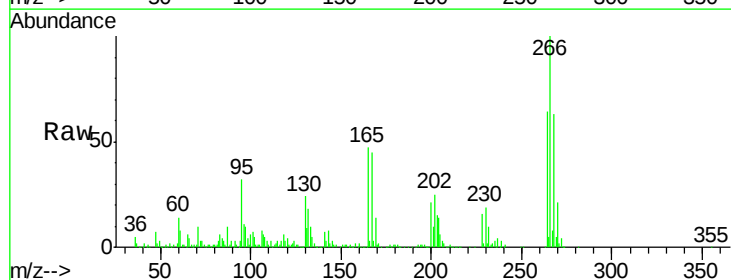
Manual Integrations
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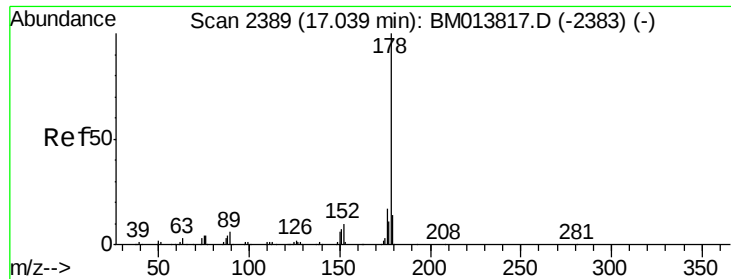
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#68
 Pentachlorophenol
 Concen: 96.479 ng/ul
 RT: 16.65 min Scan# 2323
 Delta R.T. -0.01 min
 Lab File: BM013819.D
 Acq: 25 Jan 2018 23:11

Tgt Ion	Ratio	Lower	Upper
266	100		
264	63.7	49.3	73.9
268	63.1	52.6	78.8





#69

Phenanthrene

Concen: 12.081 ng/ul

RT: 17.04 min Scan# 2389

Delta R.T. -0.00 min

Lab File: BM013819.D

Acq: 25 Jan 2018 23:11

Instrument :

BNA_M

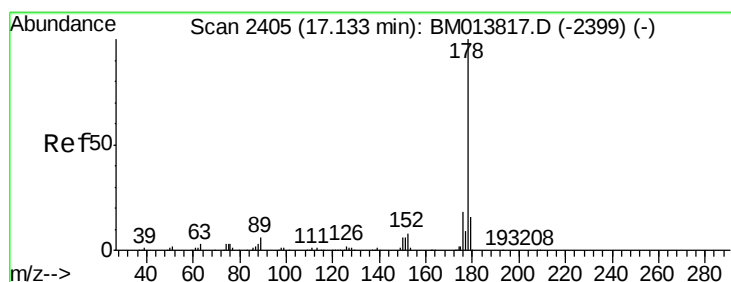
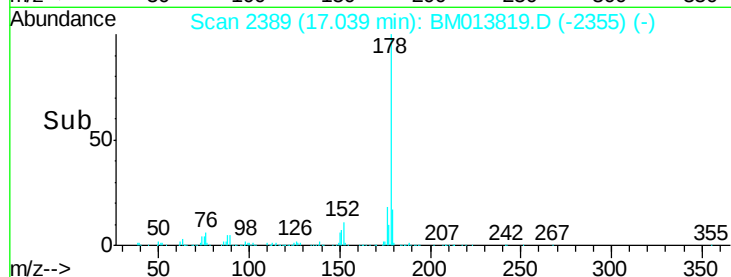
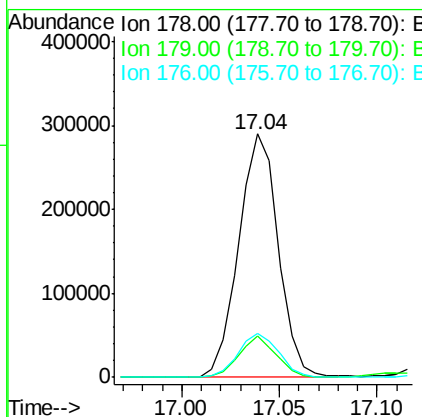
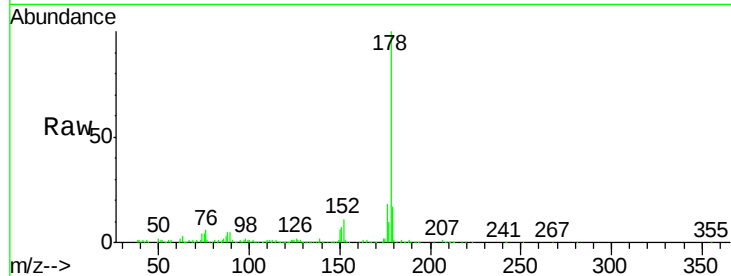
ClientSampled :

F6A81DL

Tot Ion:	178	Resp:	405461
Ion Ratio	Lower	Upper	
178	100		
179	16.9	12.6	19.0
176	18.3	14.9	22.3

Manual Integrations
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#71

Anthracene

Concen: 1.734 ng/ul

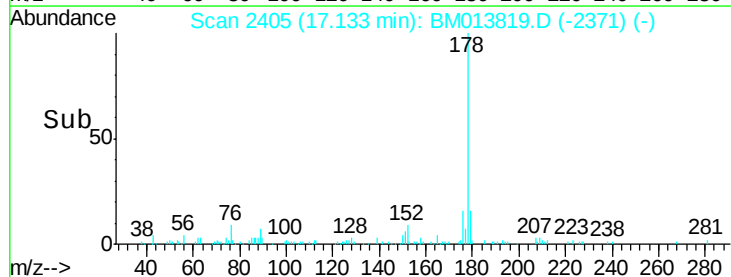
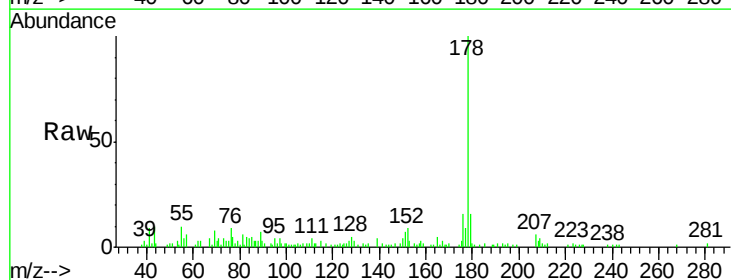
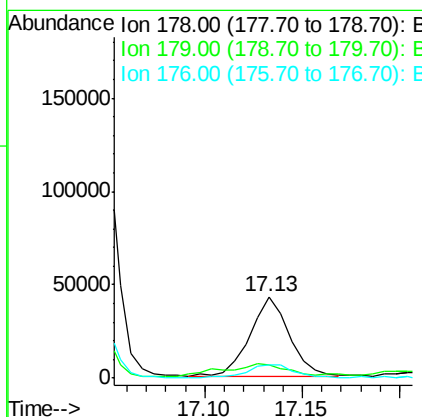
RT: 17.13 min Scan# 2405

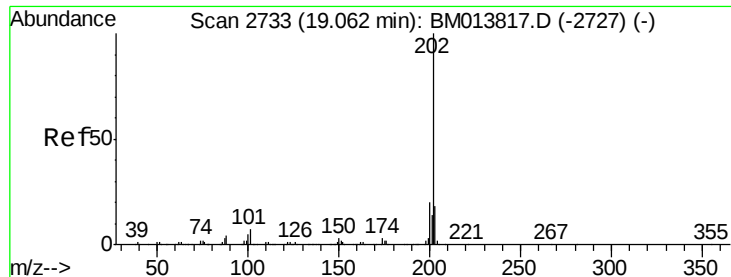
Delta R.T. -0.00 min

Lab File: BM013819.D

Acq: 25 Jan 2018 23:11

Tgt Ion:	178	Resp:	60012
Ion Ratio	Lower	Upper	
178	100		
179	15.6	11.7	17.5
176	15.8	14.6	21.8





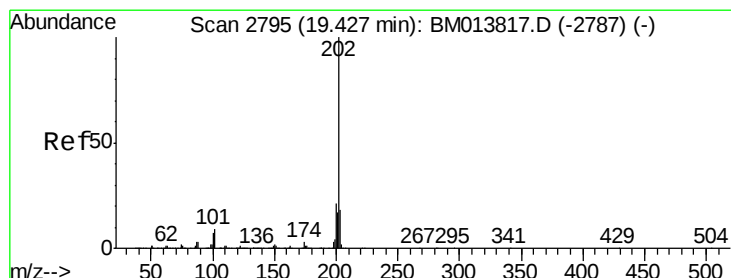
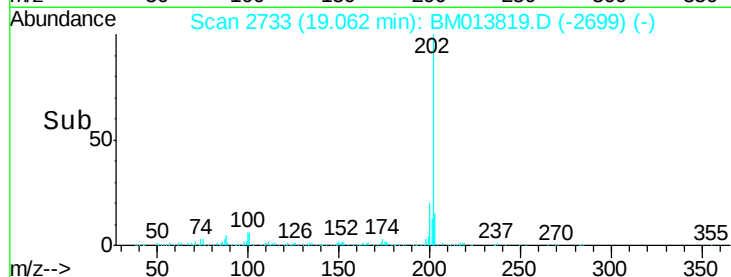
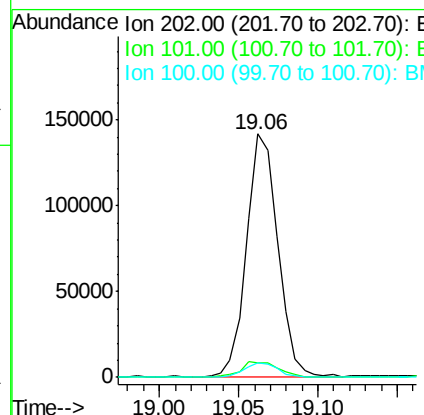
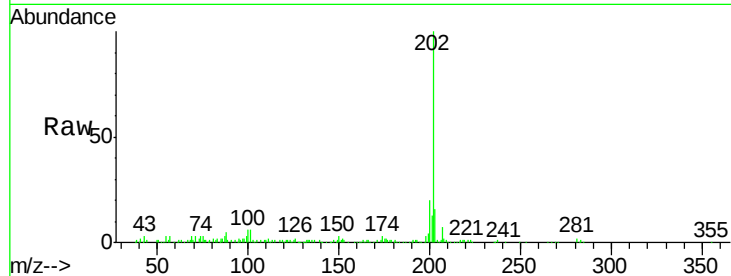
#74
Fluoranthene
Concen: 4.895 ng/ul
RT: 19.06 min Scan# 2733
Delta R.T. -0.00 min
Lab File: BM013819.D
Acq: 25 Jan 2018 23:11

Instrument :
BNA_M
ClientSampleId :
F6A81DL

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	6.1	4.6	7.0
100	6.0	3.4	5.2

Manual Integrations
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#77
Pyrene
Concen: 3.411 ng/ul
RT: 19.43 min Scan# 2795
Delta R.T. -0.00 min
Lab File: BM013819.D
Acq: 25 Jan 2018 23:11

Tgt Ion	Ratio	Resp Lower	Upper
202	100		
101	9.6	5.1	7.7
100	9.2	4.9	7.3

