

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM110817\
 Data File : BM012829.D
 Acq On : 08 Nov 2017 19:56
 Operator : SJ/JU
 Sample : I5955-06MS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 B-15(0.25-1.25)-101717MS

Manual Integrations
 APPROVED

Sohil
 11/9/2017 3:48:43 PM

Quant Time: Nov 09 04:21:08 2017
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM110417MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Nov 09 03:48:55 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	115845	20.00	ng/ul	0.00
18) Naphthalene-d8	10.59	136	472098	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.44	164	277579	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.19	188	540832m	20.00	ng/ul	0.00
77) Chrysene-d12	21.36	240	490351	20.00	ng/ul	0.00
85) Perylene-d12	23.65	264	548537	20.00	ng/ul	0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.29	96	16468	7.68	ng/uL	0.00
5) Phenol-d5	6.97	99	408414	47.38	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.13	67	225957	48.37	ng/ul	0.00
9) 2-Chlorophenol-d4	7.33	132	357822	49.83	ng/ul	0.00
13) 4-Methylphenol-d8	8.52	113	324154	43.57	ng/ul	0.00
19) Nitrobenzene-d5	8.96	128	176083	50.49	ng/ul	0.00
22) 2-Nitrophenol-d4	9.67	143	209897	52.59	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.22	165	389701	47.63	ng/ul	0.00
29) 4-Chloroaniline-d4	10.73	131	140138	17.75	ng/ul	0.00
43) Dimethylphthalate-d6	13.85	166	1186399	51.65	ng/ul	0.00
46) Acenaphthylene-d8	14.13	160	1403530	49.40	ng/ul	0.00
51) 4-Nitrophenol-d4	14.66	143	152248	41.37	ng/ul	0.00
57) Fluorene-d10	15.43	176	980514	49.84	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.57	200	72554	20.32	ng/ul	0.00
70) Anthracene-d10	17.29	188	1380152	52.82	ng/ul	0.00
78) Pyrene-d10	19.58	212	1297468	57.02	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.51	264	1454107	56.06	ng/ul	0.01

Target Compounds

						Qvalue
6) Phenol	7.00	94	391314	44.225	ng/ul	98
10) 2-Chlorophenol	7.37	128	303499	41.032	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.61	70	185713	34.507	ng/ul	98
16) 4-Methylphenol	8.58	108	11390	1.559	ng/ul	94
21) Isophorone	9.53	82	86219	5.832	ng/ul	98
28) Naphthalene	10.64	128	35674	1.511	ng/ul	96
33) 4-Chloro-3-methylphenol	11.88	107	340145	43.868	ng/ul	98
44) Dimethylphthalate	13.90	163	419632	18.410	ng/ul	98
49) Acenaphthene	14.50	153	683661	36.442	ng/ul	99
52) 4-Nitrophenol	14.67	109	103840	31.975	ng/ul	99
54) 2,4-Dinitrotoluene	14.82	165	241334	35.966	ng/ul	98
68) Pentachlorophenol	16.84	266	171435	37.820	ng/ul	98
69) Phenanthrene	17.23	178	51430	1.740	ng/ul	98
75) Di-n-butylphthalate	18.15	149	1543932	51.545	ng/ul	99
76) Fluoranthene	19.24	202	57903	1.630	ng/ul	98
79) Pyrene	19.61	202	1229659	42.031	ng/ul#	93
83) Bis(2-ethylhexyl)phthalate	21.29	149	10126385	651.536	ng/ul#	90
84) Chrysene	21.40	228	45619	1.696	ng/ul#	84
87) Benzo(b)fluoranthene	22.96	252	131555	3.924	ng/ul#	54
91) Indeno(1,2,3-cd)pyrene	25.96	276	95067	2.473	ng/ul#	87
93) Benzo(g,h,i)perylene	26.68	276	92796	2.929	ng/ul#	88

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

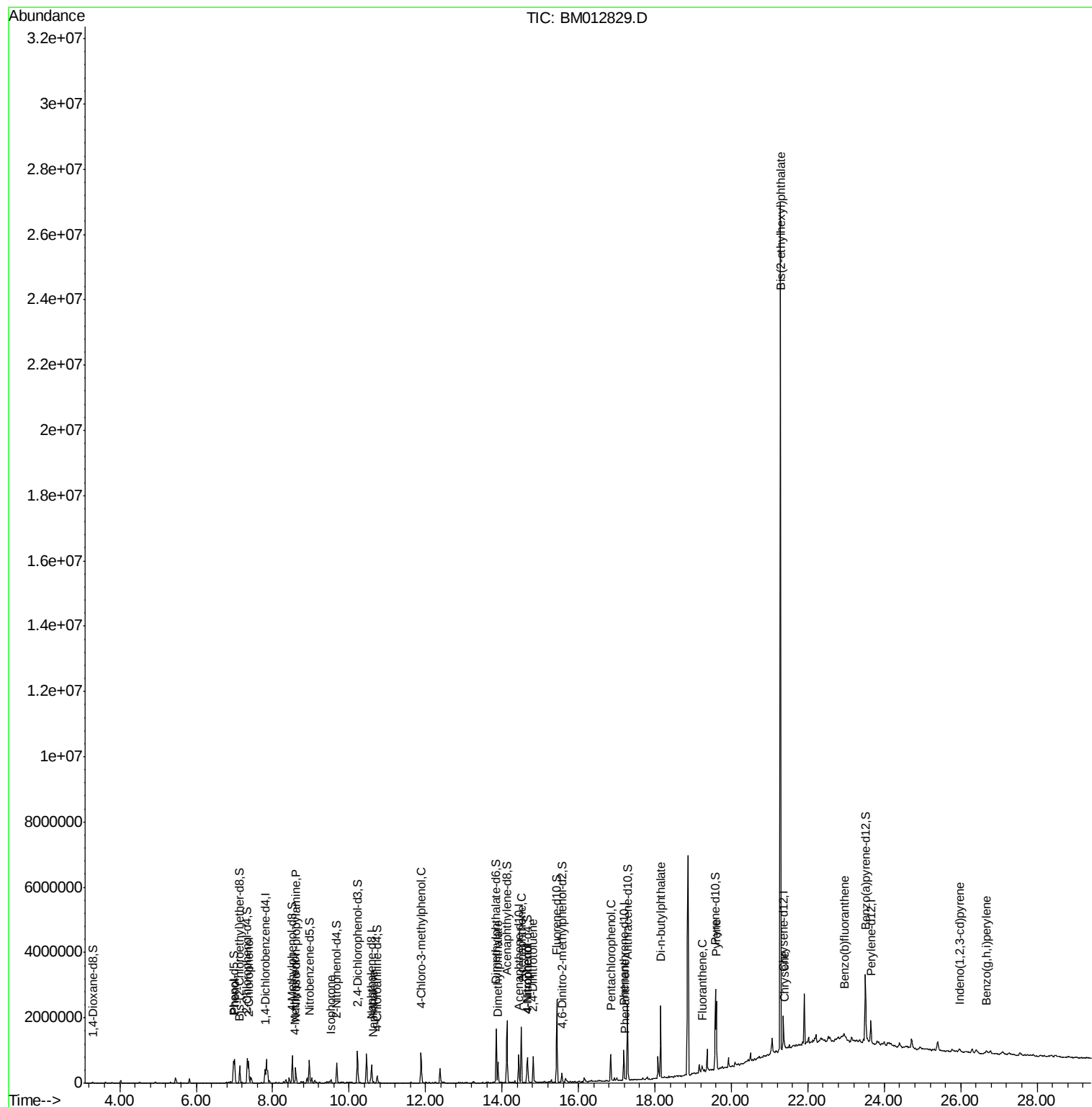
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM110817\
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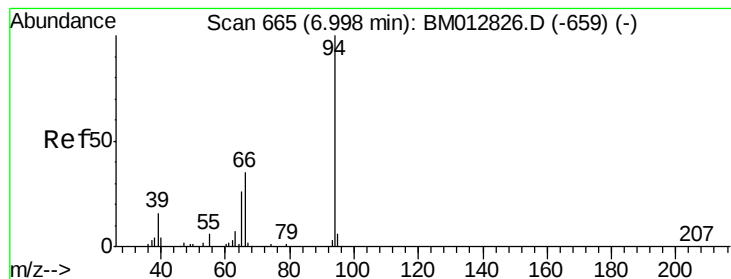
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#6

Phenol

Concen: 44.225 ng/ul

RT: 7.00 min Scan# 666

Delta R.T. 0.01 min

Lab File: BM012829.D

Acq: 08 Nov 2017 19:56

Instrument :

BNA_M

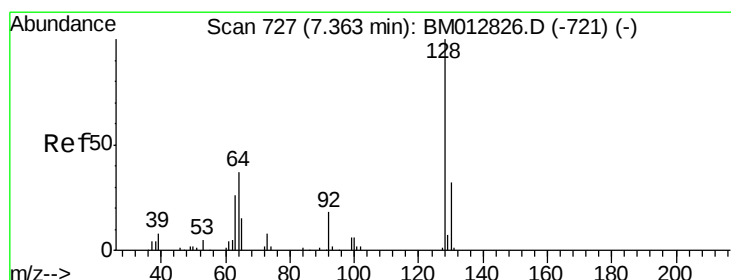
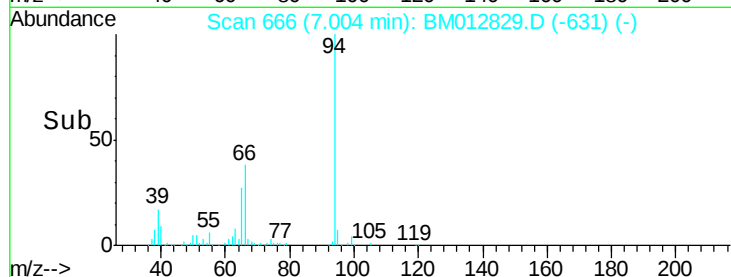
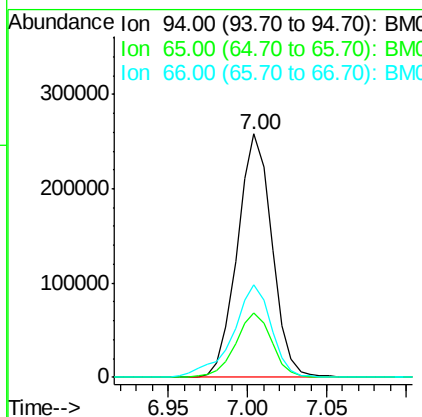
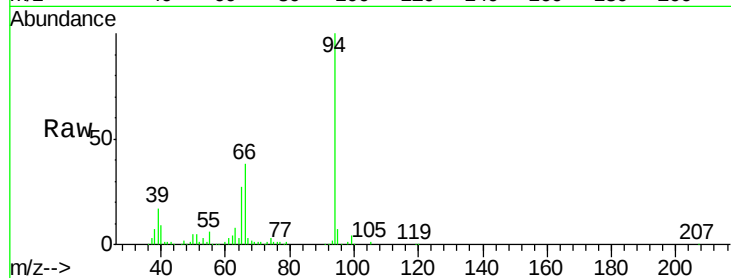
ClientSampleId :

B-15(0.25-1.25)-101717MS

Tgt Ion:	94	Resp:	391314
Ion	Ratio	Lower	Upper
94	100		
65	26.7	21.0	31.6
66	37.8	29.3	43.9

Manual Integrations
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#10

2-Chlorophenol

Concen: 41.032 ng/ul

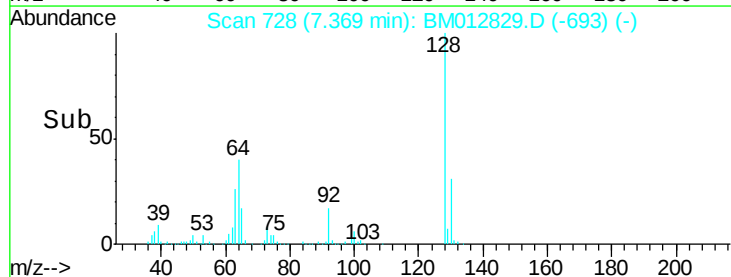
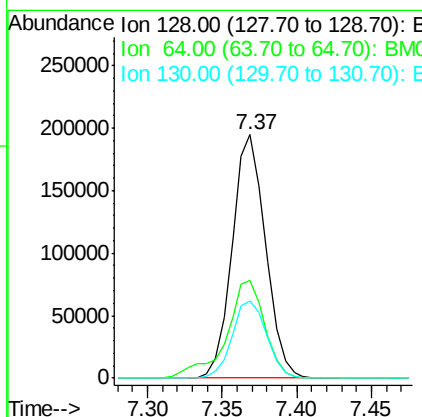
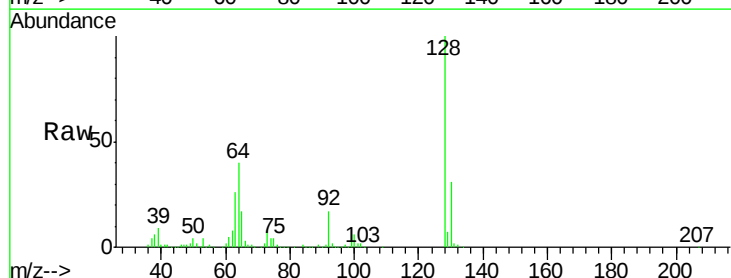
RT: 7.37 min Scan# 728

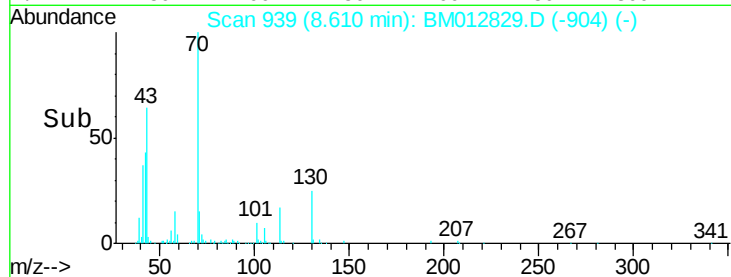
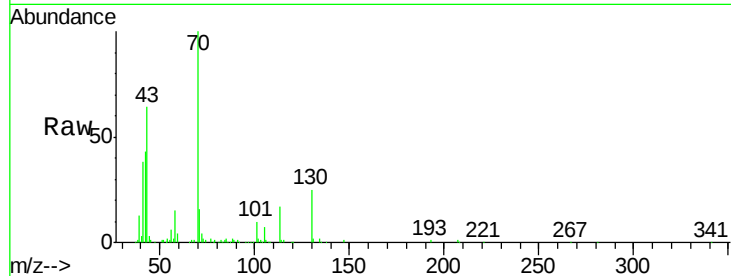
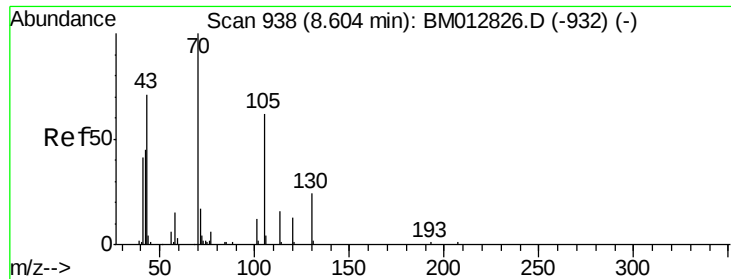
Delta R.T. 0.01 min

Lab File: BM012829.D

Acq: 08 Nov 2017 19:56

Tgt Ion:	128	Resp:	303499
Ion	Ratio	Lower	Upper
128	100		
64	40.2	31.9	47.9
130	31.5	25.6	38.4





#15

N-Nitroso-di-n-propylamine

Concen: 34.507 ng/ul

RT: 8.61 min Scan# 939

Delta R.T. 0.01 min

Lab File: BM012829.D

Acq: 08 Nov 2017 19:56

Tgt Ion	Ion	Ratio	Lower	Upper
70	100			
42	43.3	35.4	53.0	
101	9.7	8.4	12.6	
130	24.9	18.2	27.4	

Instrument :

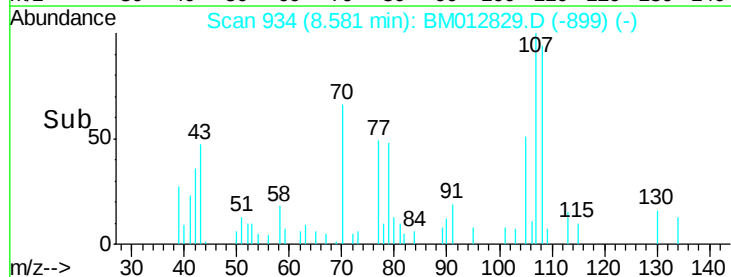
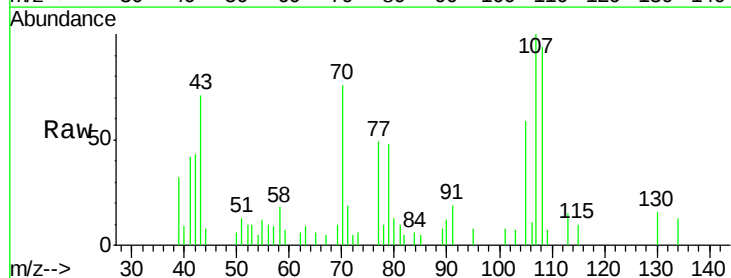
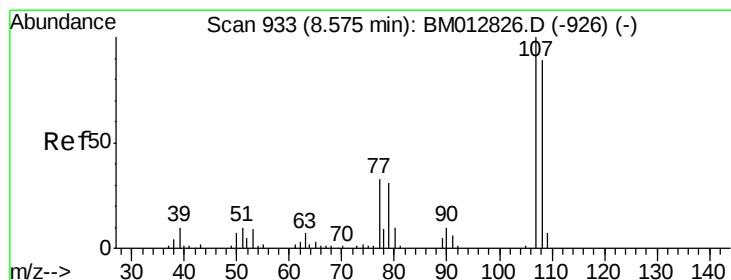
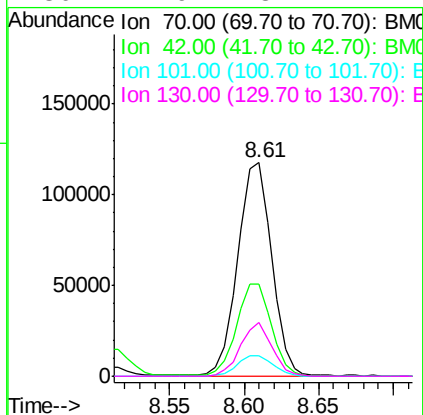
BNA_M

ClientSampleId :

B-15(0.25-1.25)-101717MS

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#16

4-Methylphenol

Concen: 1.559 ng/ul

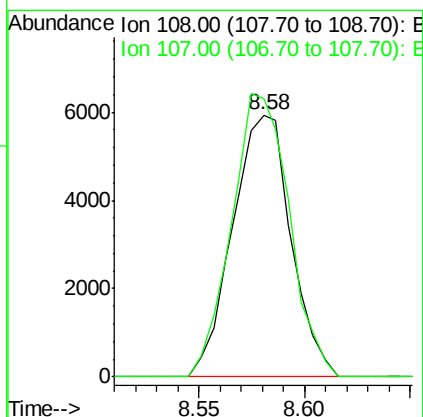
RT: 8.58 min Scan# 934

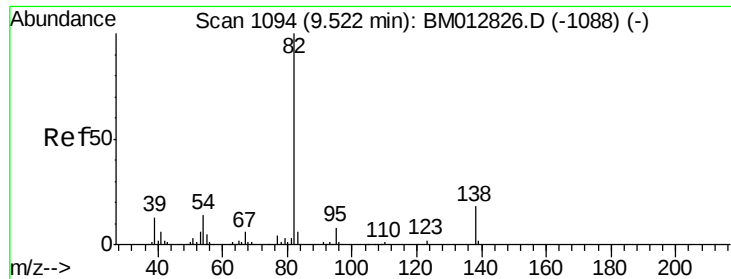
Delta R.T. 0.01 min

Lab File: BM012829.D

Acq: 08 Nov 2017 19:56

Tgt Ion	Ion	Ratio	Lower	Upper
108	100			
107	106.4	90.3	135.5	





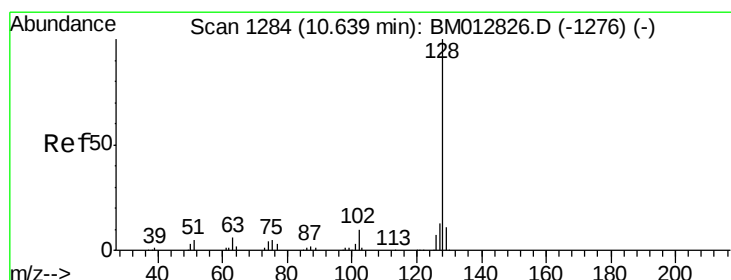
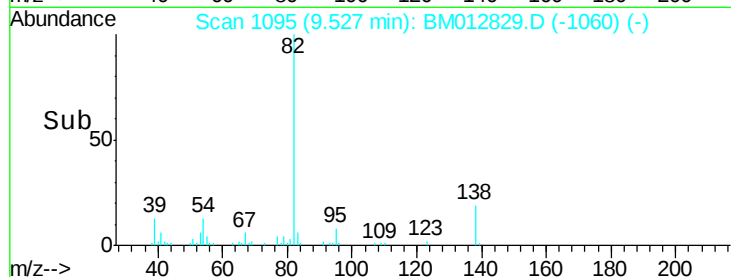
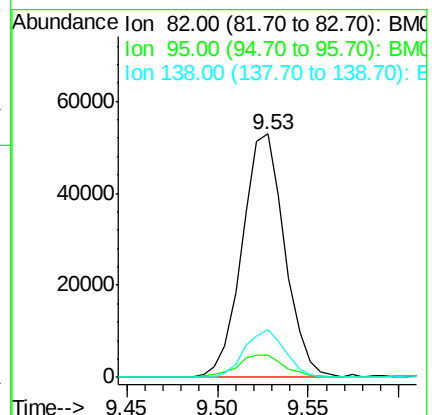
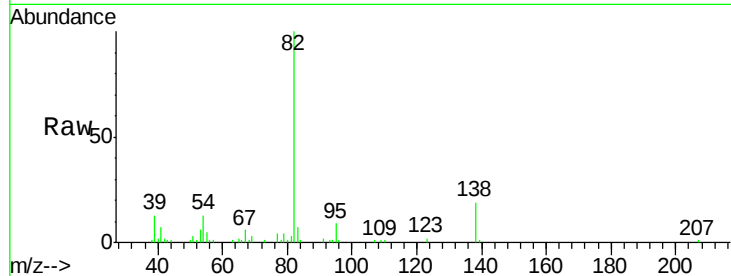
#21
Isophorone
Concen: 5.832 ng/ul
RT: 9.53 min Scan# 1095
Delta R.T. 0.01 min
Lab File: BM012829.D
Acq: 08 Nov 2017 19:56

Instrument :
BNA_M
ClientSampleId :
B-15(0.25-1.25)-101717MS

Tgt Ion	Ratio	Lower	Upper
82	100		
95	9.0	6.4	9.6
138	19.4	14.9	22.3

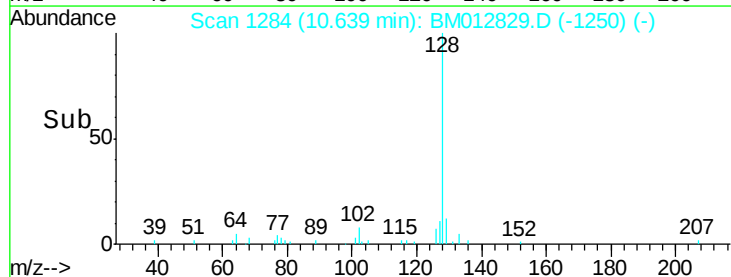
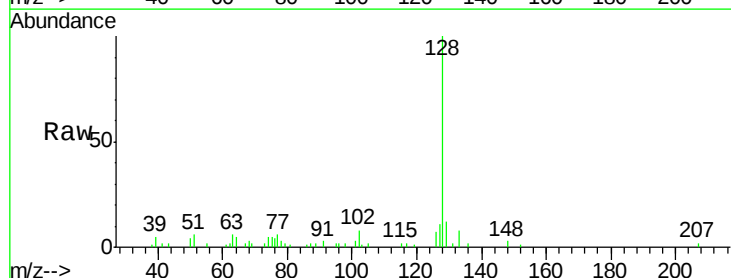
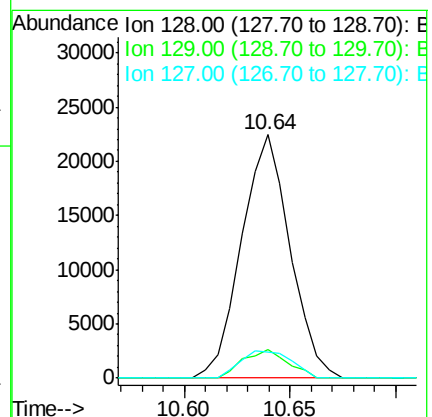
Manual Integrations
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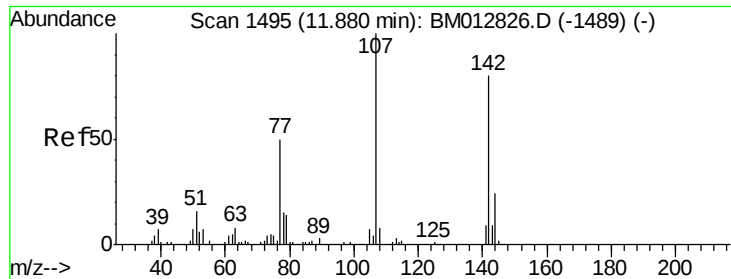
Sohil
11/9/2017 3:48:43 PM



#28
Naphthalene
Concen: 1.511 ng/ul
RT: 10.64 min Scan# 1284
Delta R.T. -0.00 min
Lab File: BM012829.D
Acq: 08 Nov 2017 19:56

Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.6	8.8	13.2
127	10.7	10.5	15.7





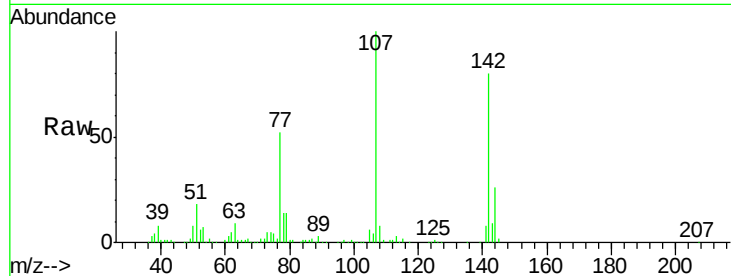
#33
4-Chloro-3-methylphenol
Concen: 43.868 ng/ul
RT: 11.88 min Scan# 1495
Delta R.T. -0.00 min
Lab File: BM012829.D
Acq: 08 Nov 2017 19:56

Instrument :
BNA_M
ClientSampleId :
B-15(0.25-1.25)-101717MS

Tgt Ion	Ratio	Lower	Upper
107	100		
144	26.4	20.4	30.6
142	80.5	62.5	93.7

Manual Integrations
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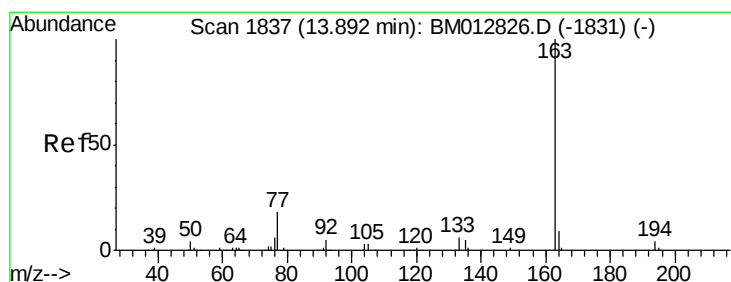
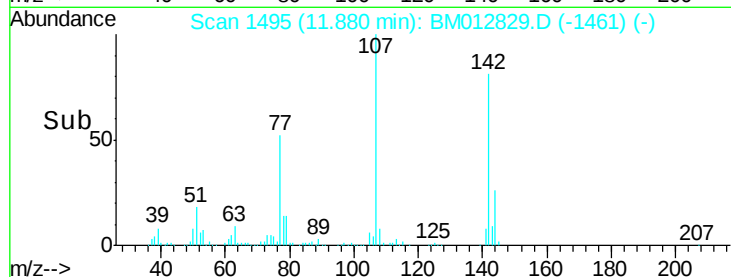
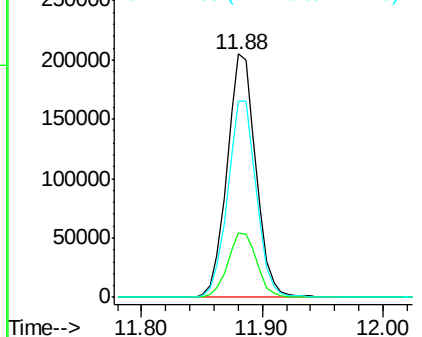


Abundance

Ion 107.00 (106.70 to 107.70): E

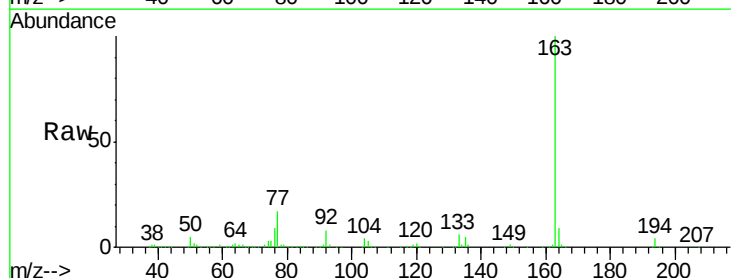
Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E



#44
Dimethylphthalate
Concen: 18.410 ng/ul
RT: 13.90 min Scan# 1838
Delta R.T. 0.01 min
Lab File: BM012829.D
Acq: 08 Nov 2017 19:56

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.5	3.2	4.8
164	9.1	7.8	11.8

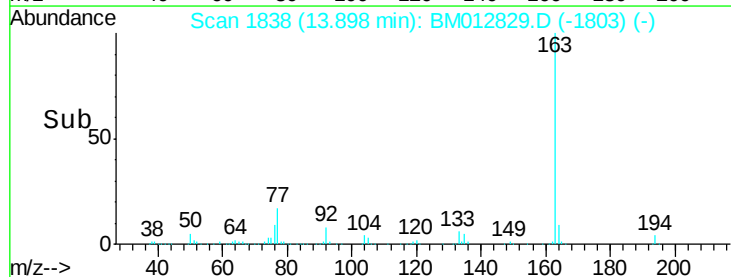
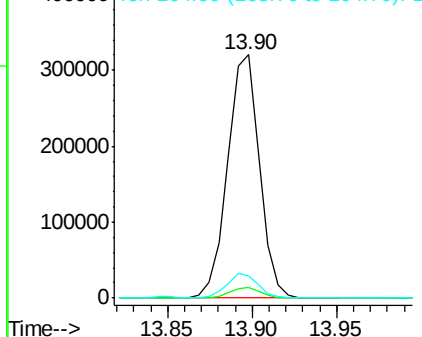


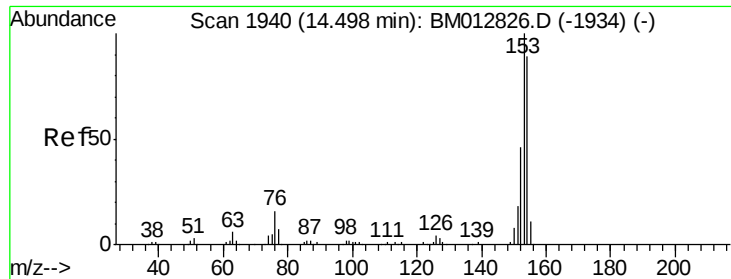
Abundance

Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#49

Acenaphthene

Concen: 36.442 ng/ul

RT: 14.50 min Scan# 1941

Delta R.T. 0.01 min

Lab File: BM012829.D

Acq: 08 Nov 2017 19:56

Instrument :

BNA_M

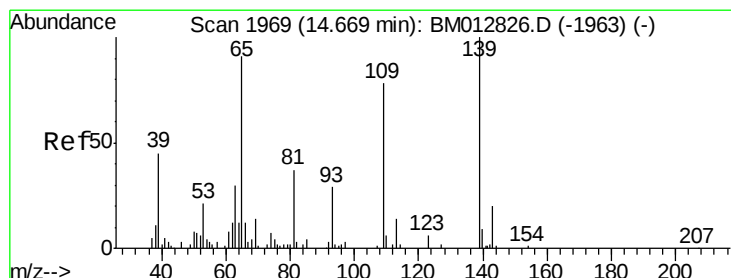
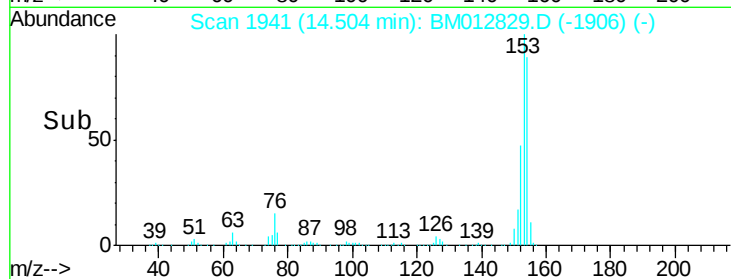
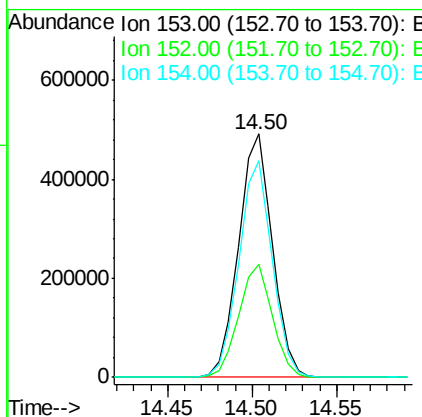
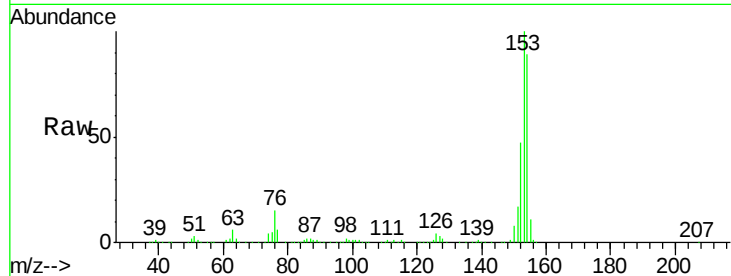
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Tgt Ion:	153	Resp:	683661
Ion Ratio	Lower	Upper	
153	100		
152	46.6	38.3	57.5
154	89.0	71.8	107.8

Manual Integrations
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#52

4-Nitrophenol

Concen: 31.975 ng/ul

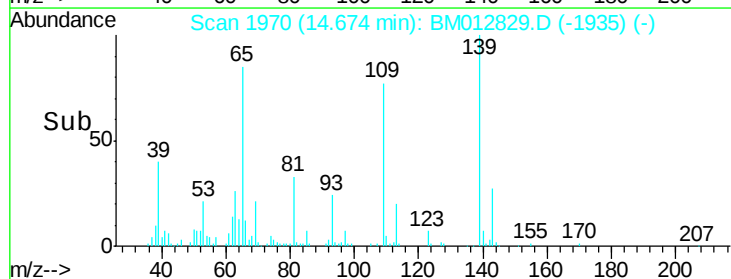
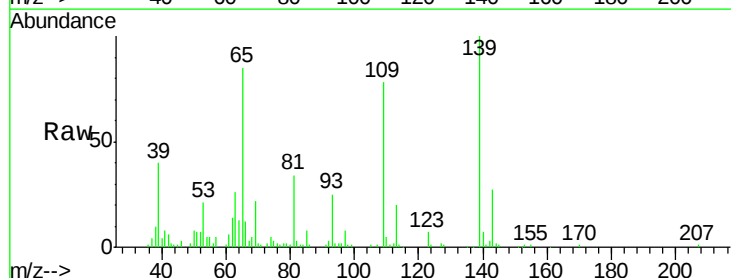
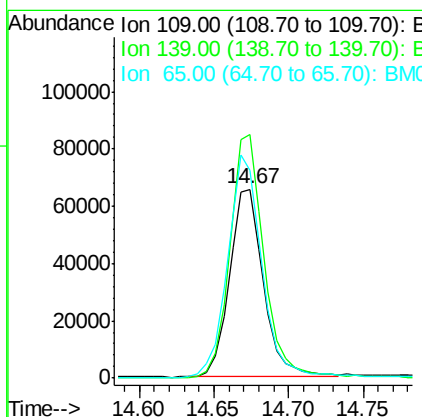
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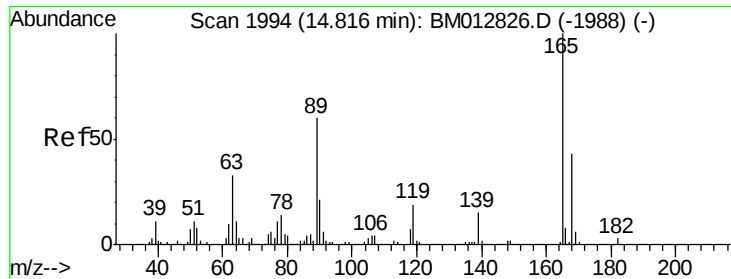
Delta R.T. 0.01 min

Lab File: BM012829.D

Acq: 08 Nov 2017 19:56

Tgt Ion:	109	Resp:	103840
Ion Ratio	Lower	Upper	
109	100		
139	128.9	103.7	155.5
65	109.9	89.4	134.2





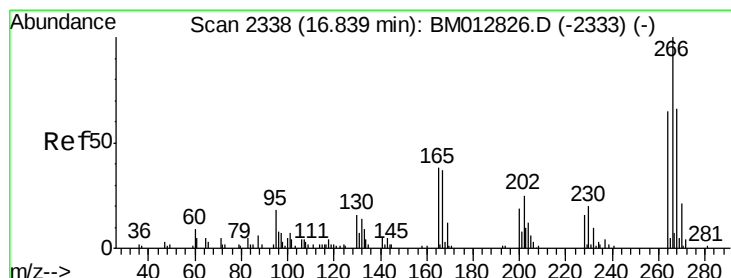
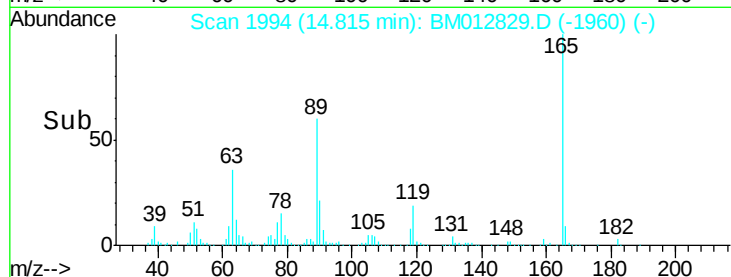
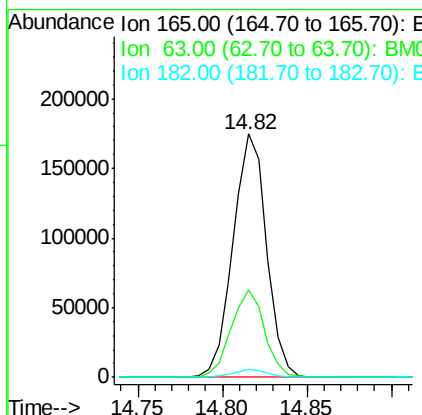
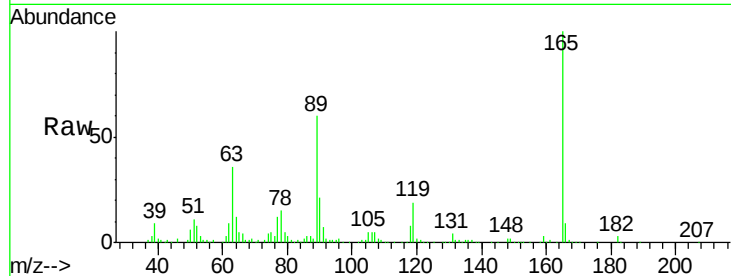
#54
2,4-Dinitrotoluene
Concen: 35.966 ng/ul
RT: 14.82 min Scan# 1994
Delta R.T. -0.00 min
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Tgt Ion	Ratio	Resp	Lower	Upper
165	100	241334		
63	35.9	29.8	44.6	
182	3.2	2.2	3.4	

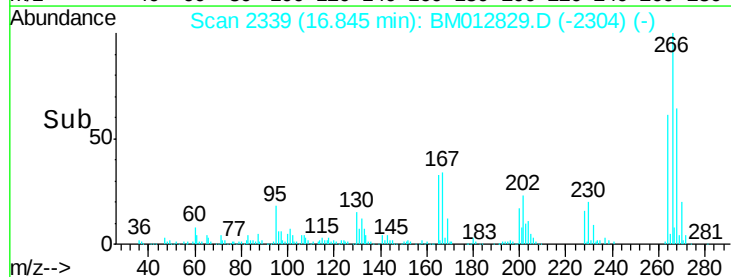
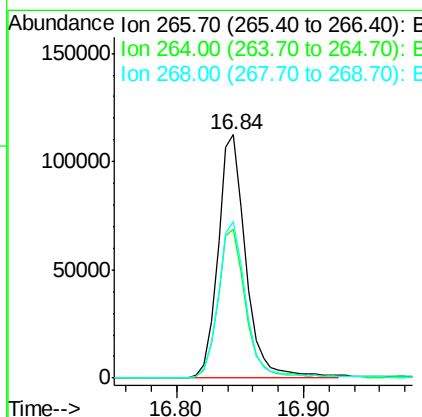
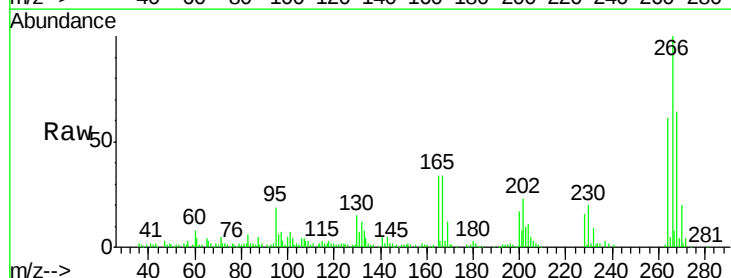
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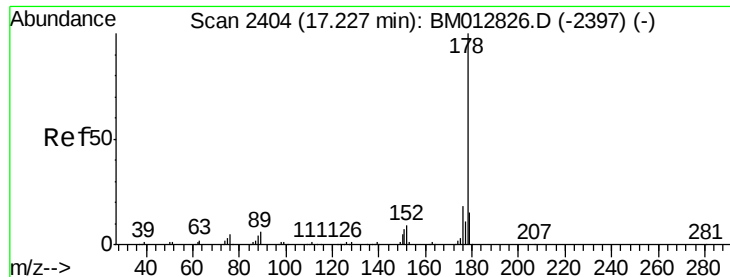
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#68
Pentachlorophenol
Concen: 37.820 ng/ul
RT: 16.84 min Scan# 2339
Delta R.T. 0.01 min
Lab File: BM012829.D
Acq: 08 Nov 2017 19:56

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	171435		
264	61.3	50.5	75.7	
268	64.4	50.9	76.3	





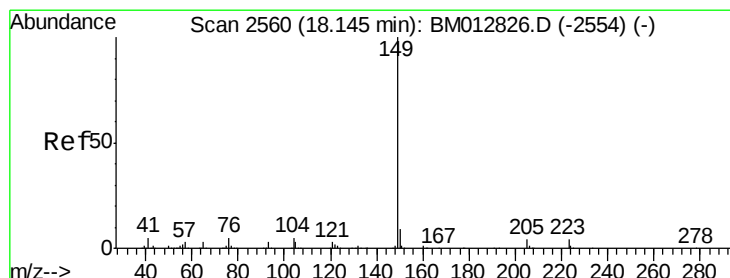
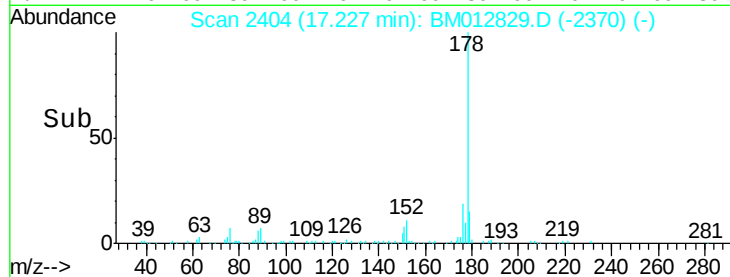
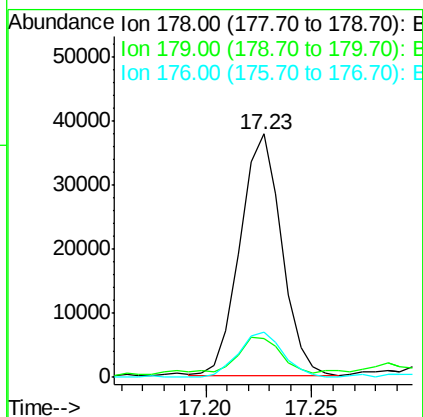
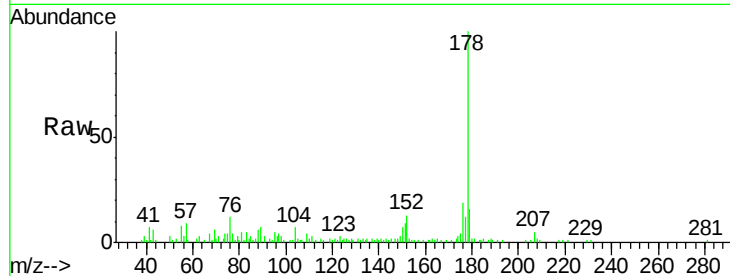
#69
Phenanthrene
Concen: 1.740 ng/ul
RT: 17.23 min Scan# 2404
Delta R.T. -0.00 min
Lab File: BM012829.D
Acq: 08 Nov 2017 19:56

Instrument :
BNA_M
ClientSampleId :
B-15(0.25-1.25)-101717MS

Tgt Ion	Ratio	Lower	Upper
178	100		
179	16.2	12.2	18.4
176	18.7	15.6	23.4

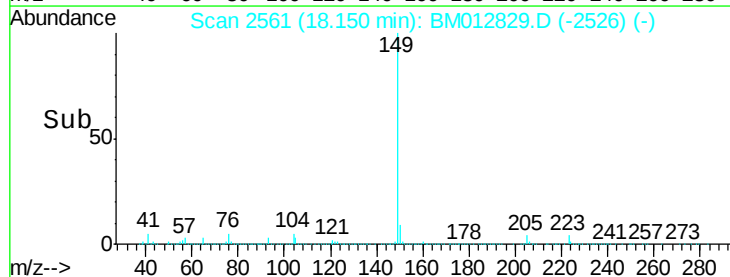
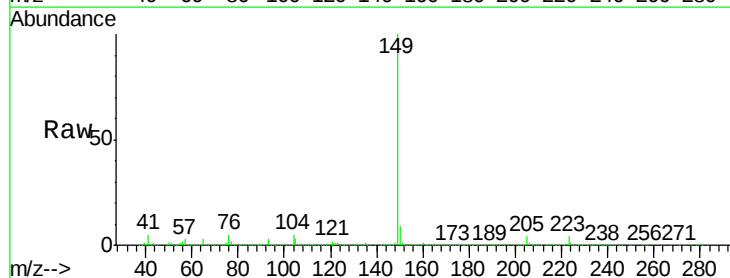
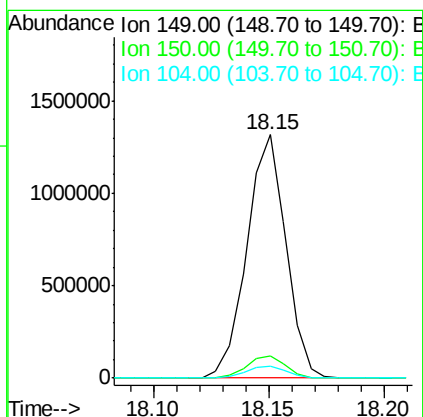
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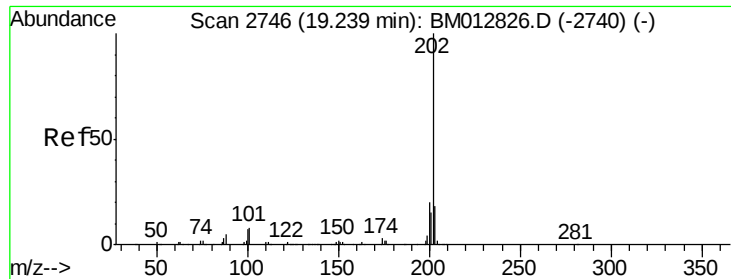
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#75
Di-n-butylphthalate
Concen: 51.545 ng/ul
RT: 18.15 min Scan# 2561
Delta R.T. 0.01 min
Lab File: BM012829.D
Acq: 08 Nov 2017 19:56

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.0	7.4	11.0
104	4.7	4.0	6.0





#76

Fluoranthene

Concen: 1.630 ng/ul

RT: 19.24 min Scan# 2747

Delta R.T. 0.01 min

Lab File: BM012829.D

Acq: 08 Nov 2017 19:56

Instrument :

BNA_M

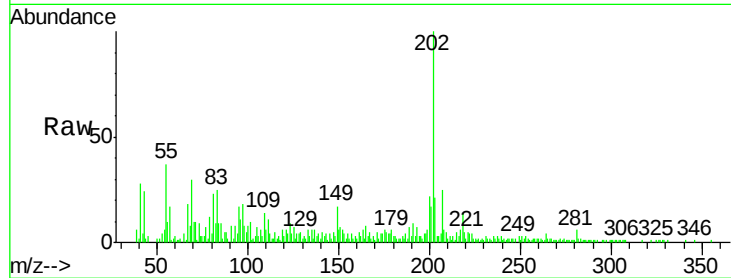
ClientSampleId :

B-15(0.25-1.25)-101717MS

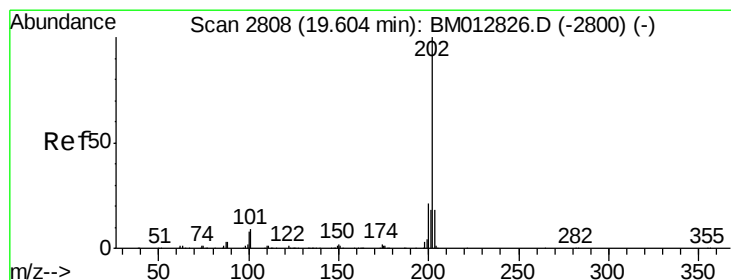
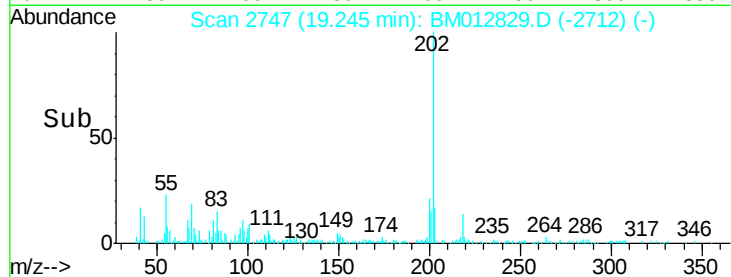
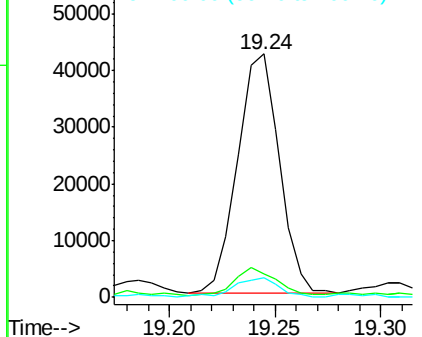
Tgt Ion:	202	Resp:	57903
Ion Ratio	Lower	Upper	
202	100		
101	9.9	8.8	13.2
100	8.1	6.6	9.8

Manual Integrations
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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B



#79

Pyrene

Concen: 42.031 ng/ul

RT: 19.61 min Scan# 2809

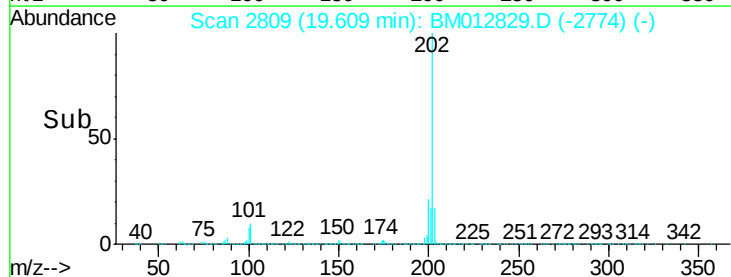
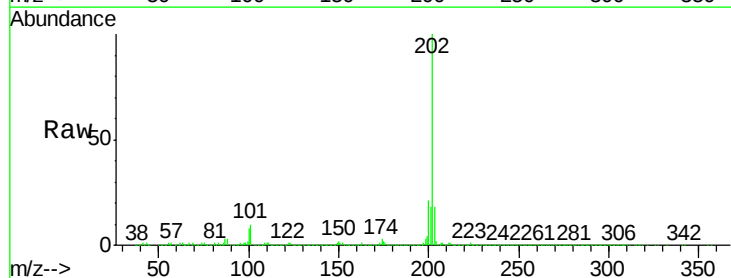
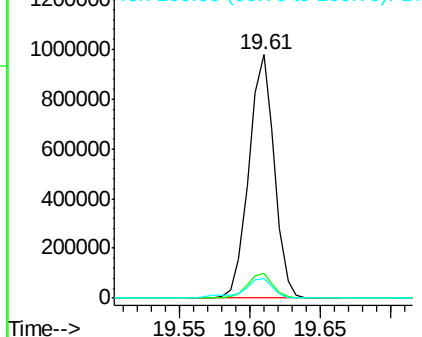
Delta R.T. 0.01 min

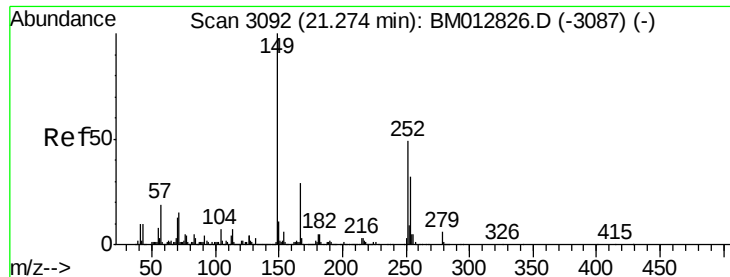
Lab File: BM012829.D

Acq: 08 Nov 2017 19:56

Tgt Ion:	202	Resp:	1229659
Ion Ratio	Lower	Upper	
202	100		
101	10.0	10.2	15.2#
100	8.0	8.5	12.7#

Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B





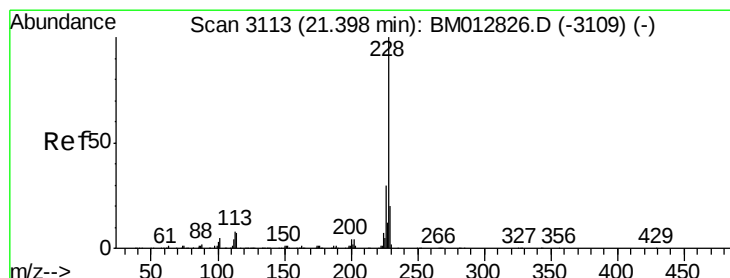
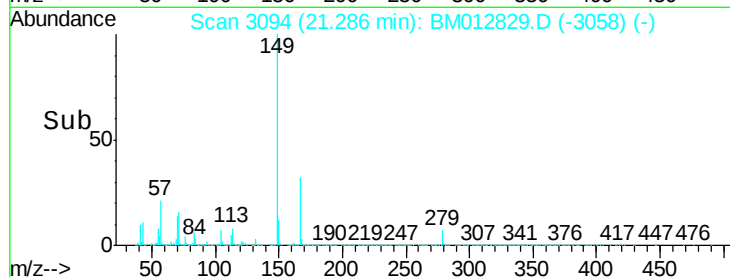
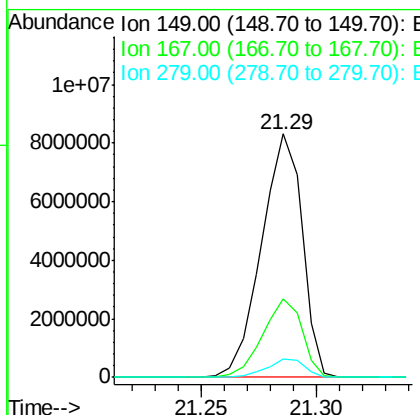
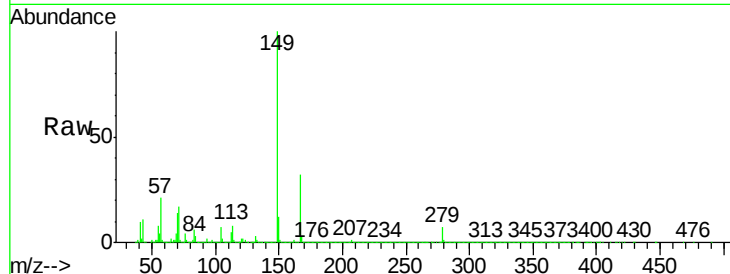
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 651.536 ng/ul
 RT: 21.29 min Scan# 3094
 Delta R.T. 0.01 min
 Lab File: BM012829.D
 Acq: 08 Nov 2017 19:56

Instrument :
 BNA_M
 ClientSampleId :
 B-15(0.25-1.25)-101717MS

Tgt Ion:149 Resp:10126385
 Ion Ratio Lower Upper
 149 100
 167 32.3 21.6 32.4
 279 7.4 3.0 4.4#

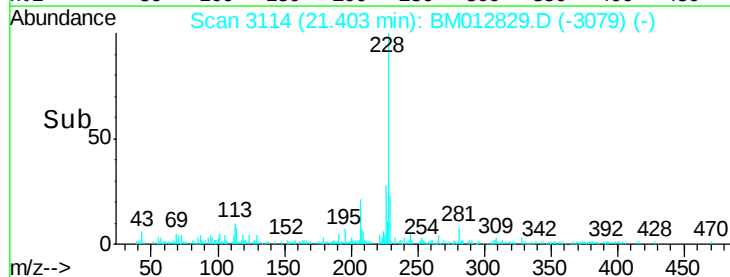
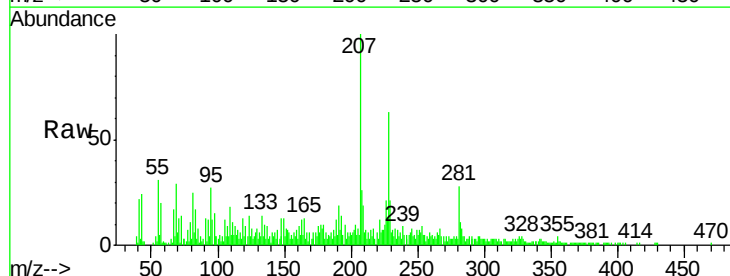
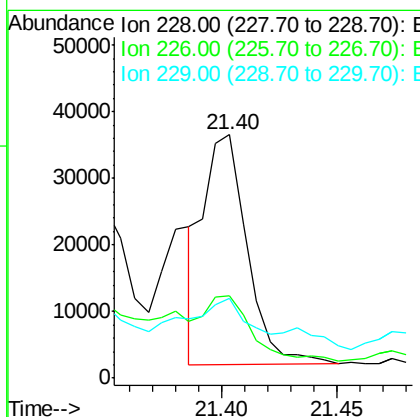
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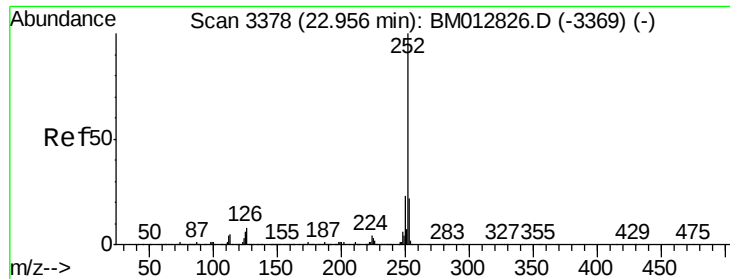
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#84
 Chrysene
 Concen: 1.696 ng/ul
 RT: 21.40 min Scan# 3114
 Delta R.T. 0.01 min
 Lab File: BM012829.D
 Acq: 08 Nov 2017 19:56

Tgt Ion:228 Resp: 45619
 Ion Ratio Lower Upper
 228 100
 226 33.9 24.0 36.0
 229 32.8 15.6 23.4#





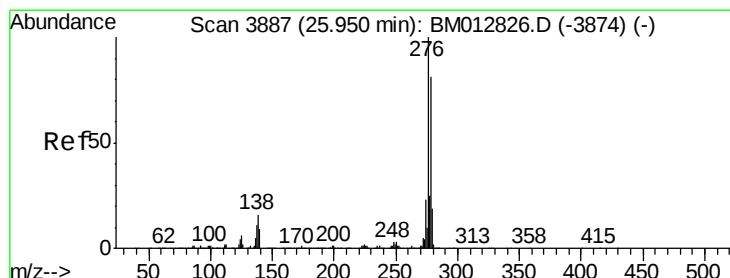
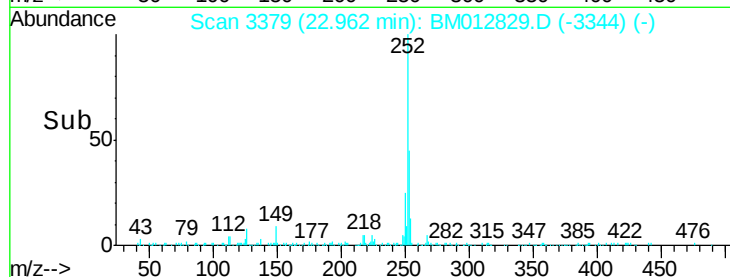
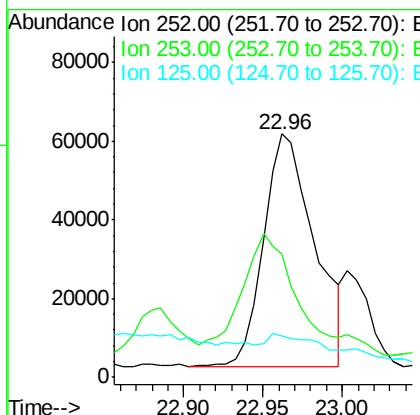
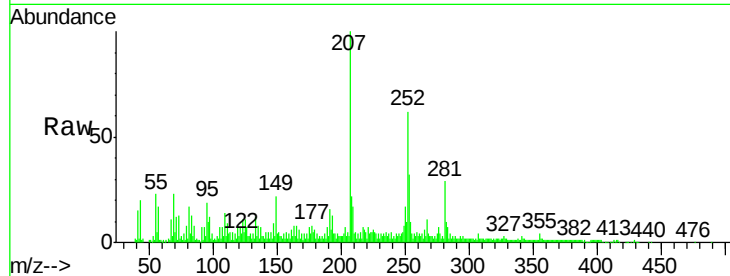
#87
Benzo(b)fluoranthene
Concen: 3.924 ng/ul
RT: 22.96 min Scan# 3379
Delta R.T. 0.01 min
Lab File: BM012829.D
Acq: 08 Nov 2017 19:56

Instrument :
BNA_M
ClientSampleId :
B-15(0.25-1.25)-101717MS

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	50.8	17.5	26.3#
125	16.9	8.5	12.7#

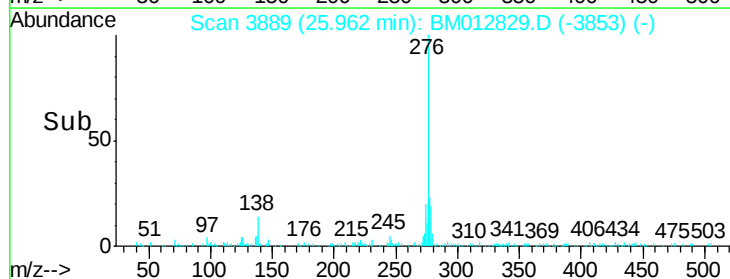
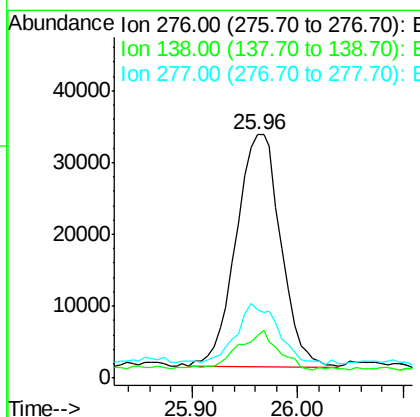
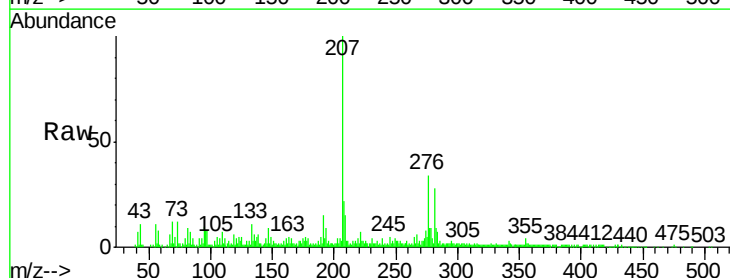
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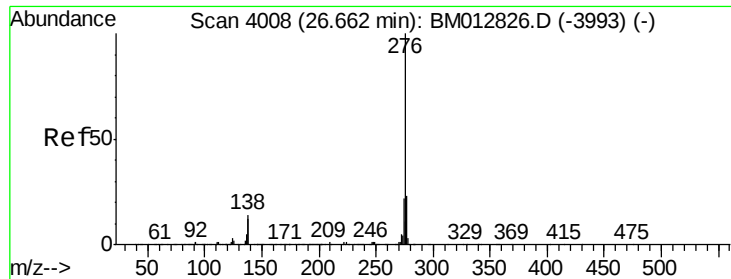
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#91
Indeno(1,2,3-cd)pyrene
Concen: 2.473 ng/ul
RT: 25.96 min Scan# 3889
Delta R.T. 0.01 min
Lab File: BM012829.D
Acq: 08 Nov 2017 19:56

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
138	17.7	22.3	33.5#
277	28.1	20.2	30.2





#93

Benzo(g,h,i)perylene

Concen: 2.929 ng/ul

RT: 26.68 min Scan# 4011

Delta R.T. 0.02 min

Lab File: BM012829.D

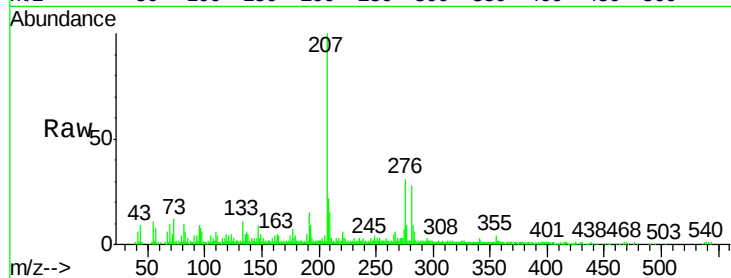
Acq: 08 Nov 2017 19:56

Instrument :

BNA_M

ClientSampleId :

B-15(0.25-1.25)-101717MS



Tgt	Ion	Ratio	Lower	Upper
276	100			
138	17.2	18.9	28.3#	
277	29.2	19.2	28.8#	

Manual Integrations
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