

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM032719\
 Data File : BM019507.D
 Acq On : 27 Mar 2019 16:28
 Operator : JU/SJ
 Sample : K2063-02
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DB6R4

Manual Integrations
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 3/28/2019 3:18:18 PM

Quant Time: Mar 28 05:50:33 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Mar 28 05:07:19 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	103833	20.00	ng/ul	-0.01
18) Naphthalene-d8	10.37	136	469599	20.00	ng/ul	-0.01
36) Acenaphthene-d10	14.25	164	279542	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.01	188	637839	20.00	ng/ul	0.00
78) Chrysene-d12	21.22	240	749925	20.00	ng/ul	0.00
86) Perylene-d12	23.43	264	875354	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.13	96	16573	6.25	ng/uL	-0.02
5) Phenol-d5	6.78	99	342894	37.08	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.94	67	202555	32.72	ng/ul	-0.01
9) 2-Chlorophenol-d4	7.12	132	269614	38.47	ng/ul	-0.01
13) 4-Methylphenol-d8	8.30	113	281711	40.59	ng/ul	0.00
19) Nitrobenzene-d5	8.76	128	127584	38.09	ng/ul	-0.01
22) 2-Nitrophenol-d4	9.47	143	154275	41.38	ng/ul	-0.01
26) 2,4-Dichlorophenol-d3	10.00	165	281223	39.98	ng/ul	0.00
29) 4-Chloroaniline-d4	10.56	131	25376	3.00	ng/ul	0.02
44) Dimethylphthalate-d6	13.67	166	878101	38.93	ng/ul	0.00
47) Acenaphthylene-d8	13.94	160	1090531	38.67	ng/ul	-0.01
52) 4-Nitrophenol-d4	14.49	143	156752	44.33	ng/ul	0.00
58) Fluorene-d10	15.25	176	732494	37.69	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.40	200	133378	31.62	ng/ul	0.00
71) Anthracene-d10	17.11	188	1171630	38.28	ng/ul	0.00
79) Pyrene-d10	19.42	212	1287054	37.16	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.29	264	1631824	35.16	ng/ul	0.00

Target Compounds

					Qvalue
4) Benzaldehyde	6.76	77	17689	2.671	ng/ul 99
10) 2-Chlorophenol	7.15	128	299765	42.079	ng/ul 98
12) 2,2'-oxybis(1-Chloropropan	8.12	45	402981	57.595	ng/ul# 82
14) Acetophenone	8.42	105	467710m	41.378	ng/ul
17) Hexachloroethane	8.64	117	59238	19.785	ng/ul 88
20) Nitrobenzene	8.80	77	571155	57.278	ng/ul 98
23) 2-Nitrophenol	9.50	139	222001	53.979	ng/ul# 89
27) 2,4-Dichlorophenol	10.03	162	186665	26.852	ng/ul 94
28) Naphthalene	10.42	128	392373	16.129	ng/ul 99
33) 4-Chloro-3-methylphenol	11.68	107	417086	55.662	ng/ul 96
35) 1-Methylnaphthalene	12.26	142	803066	49.895	ng/ul 97
37) 1,2,4,5-Tetrachlorobenzene	12.42	216	177663	19.973	ng/ul# 94
39) 2,4,6-Trichlorophenol	12.67	196	203432	36.656	ng/ul 97
41) 1,1'-Biphenyl	13.07	154	939102	39.443	ng/ul# 96
43) 2-Nitroaniline	13.35	65	219546	43.845	ng/ul 98
45) Dimethylphthalate	13.75	163	87256	3.856	ng/ul# 93
46) 2,6-Dinitrotoluene	13.85	165	214358	51.595	ng/ul 98
48) Acenaphthylene	13.97	152	1540653	55.114	ng/ul 98
50) Acenaphthene	14.32	153	87155	4.427	ng/ul 97
53) 4-Nitrophenol	14.50	109	195953	70.813	ng/ul# 69
54) Dibenzofuran	14.65	168	577638	21.010	ng/ul 95
55) 2,4-Dinitrotoluene	14.65	165	368009	59.817	ng/ul 88
57) Diethylphthalate	15.09	149	1181758	53.088	ng/ul 97

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Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
59) Fluorene	15.30	166	188771	8.664	ng/ul	99
65) N-Nitrosodiphenylamine	15.53	169	1042974	52.559	ng/ul	100
67) Hexachlorobenzene	16.30	284	356253	42.473	ng/ul	91
69) Pentachlorophenol	16.66	266	216053	49.281	ng/ul	98
70) Phenanthrene	17.05	178	1197651	33.117	ng/ul	99
76) Di-n-butylphthalate	17.98	149	1783659	48.631	ng/ul	99
80) Pyrene	19.44	202	740311	16.409	ng/ul#	83
83) Benzo(a)anthracene	21.20	228	1939146	42.961	ng/ul	98
87) Di-n-octyl phthalate	21.99	149	1645745	30.142	ng/ul	100
88) Benzo(b)fluoranthene	22.76	252	1740457	32.642	ng/ul#	97
91) Benzo(a)pyrene	23.33	252	1011241	19.839	ng/ul#	96
93) Dibenzo(a,h)anthracene	25.67	278	2742740	50.403	ng/ul#	96
94) Benzo(g,h,i)perylene	26.34	276	1425559	26.726	ng/ul#	93

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

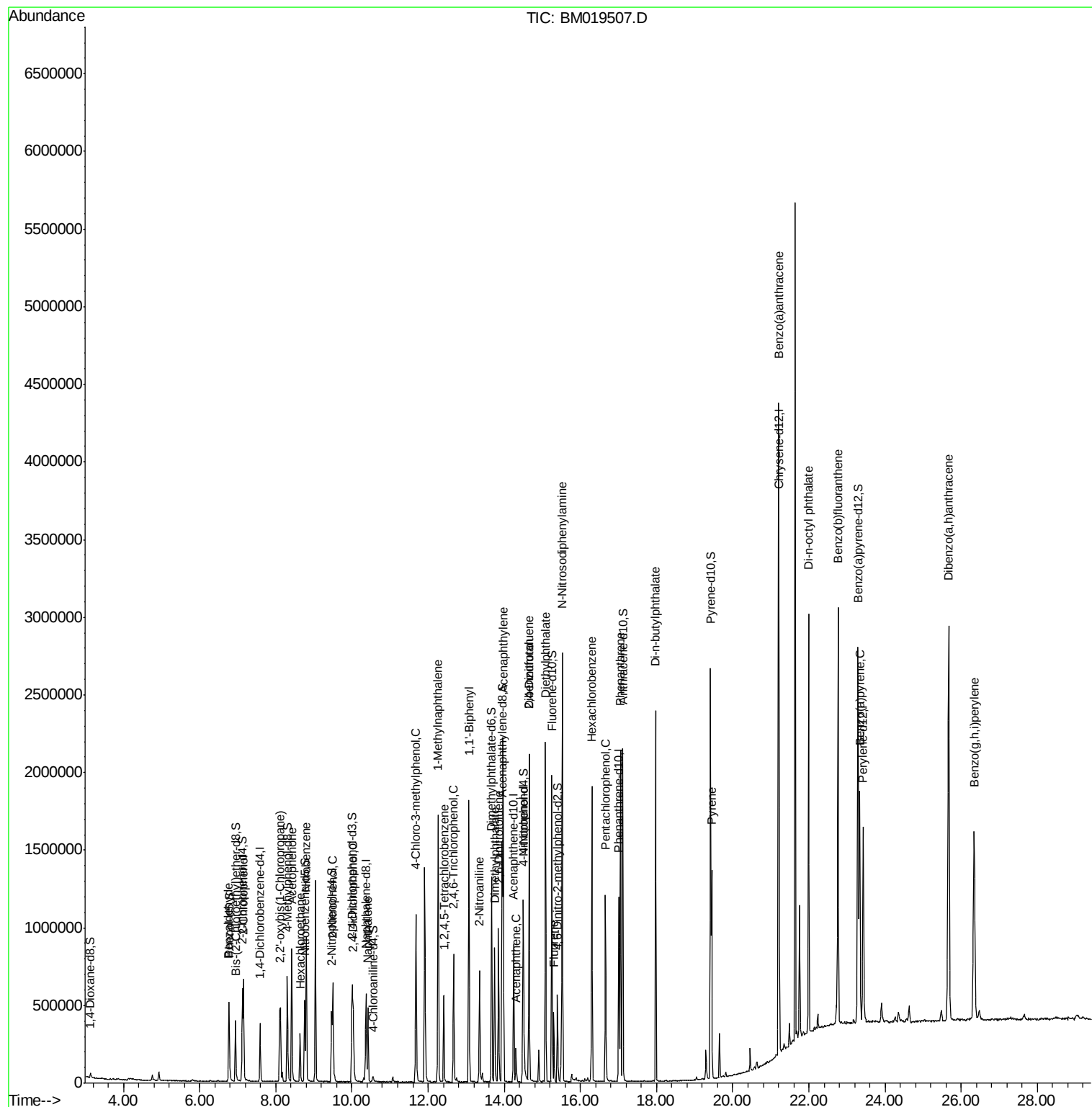
Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM032719\
Data File : BM019507.D
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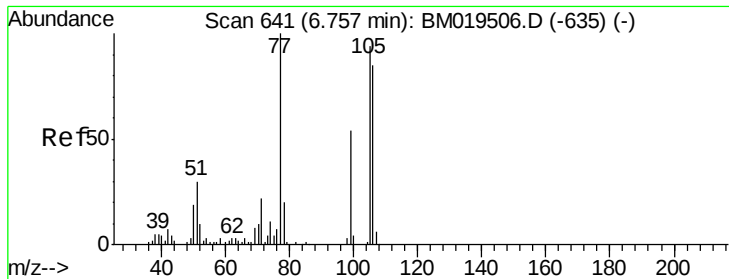
Instrument :
BNA_M
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DB6R4

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#4

Benzaldehyde

Concen: 2.671 ng/ul

RT: 6.76 min Scan# 642

Delta R.T. -0.01 min

Lab File: BM019507.D

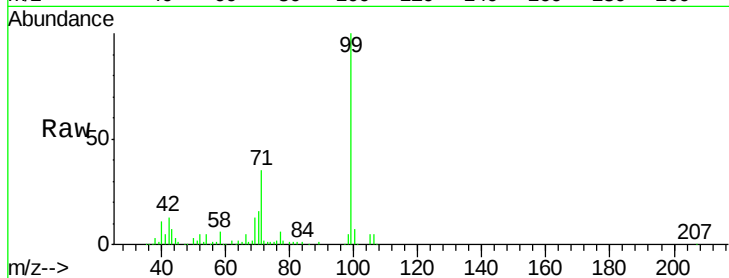
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Instrument :

BNA_M

ClientSampled :

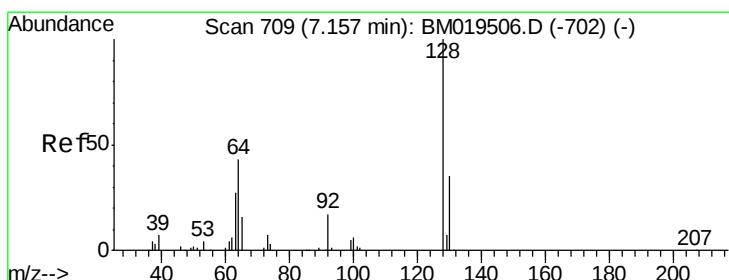
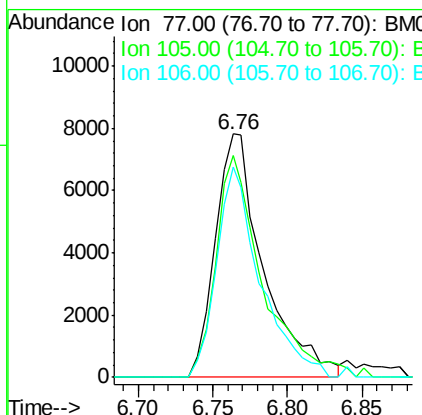
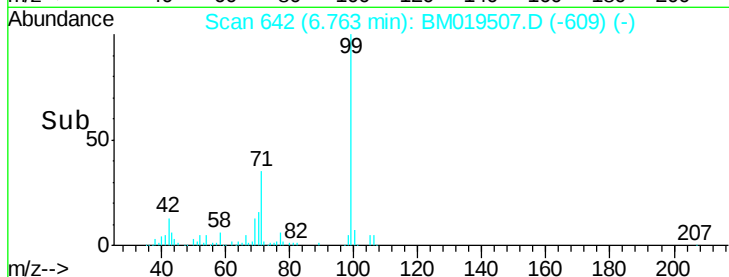
DB6R4



Tgt Ion:	77	Resp:	17689
Ion	Ratio	Lower	Upper
77	100		
105	91.0	71.0	106.6
106	86.5	69.5	104.3

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#10

2-Chlorophenol

Concen: 42.079 ng/ul

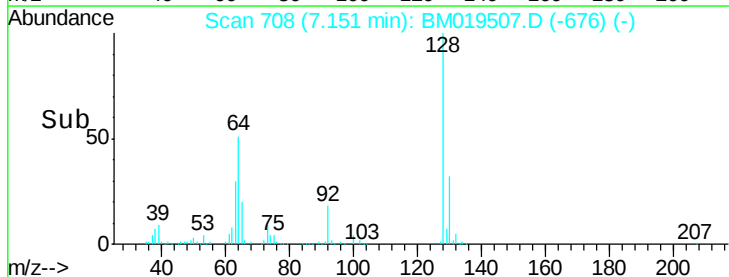
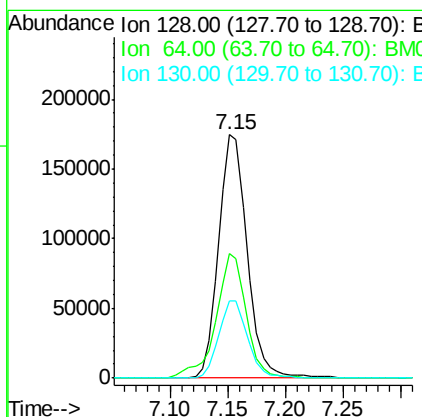
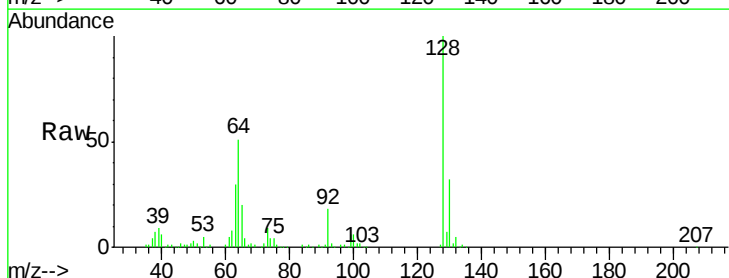
RT: 7.15 min Scan# 708

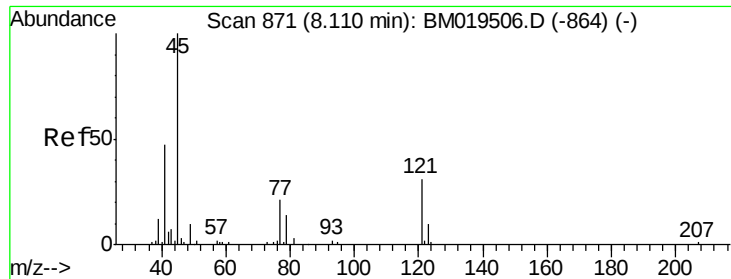
Delta R.T. -0.01 min

Lab File: BM019507.D

Acq: 27 Mar 2019 16:28

Tgt Ion:	128	Resp:	299765
Ion	Ratio	Lower	Upper
128	100		
64	51.1	39.8	59.6
130	31.6	25.8	38.8





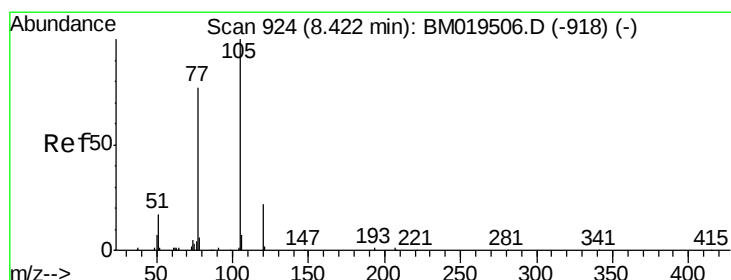
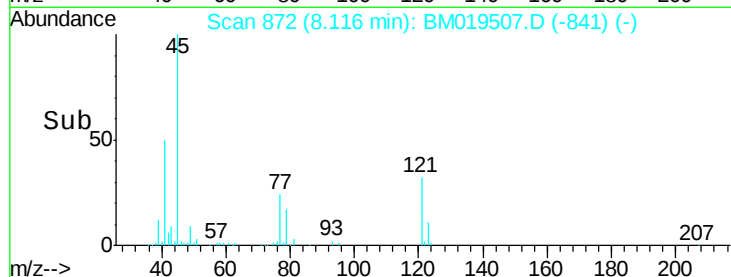
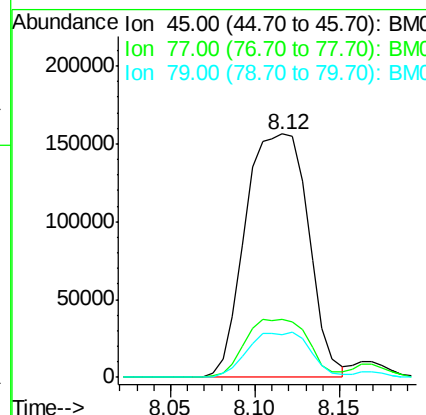
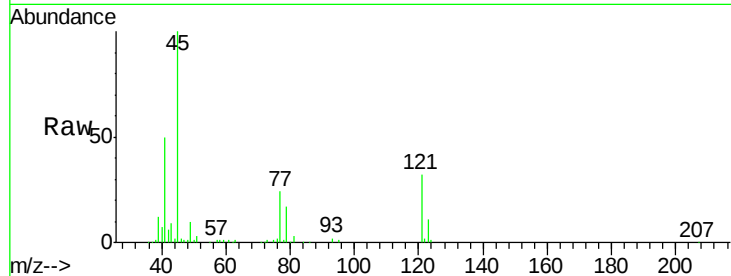
#12
2,2'-oxybis(1-Chloropropane)
Concen: 57.595 ng/ul
RT: 8.12 min Scan# 872
Delta R.T. -0.02 min
Lab File: BM019507.D
Acq: 27 Mar 2019 16:28

Instrument :
BNA_M
ClientSampleId :
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Tgt Ion	Ratio	Lower	Upper
45	100		
77	24.0	12.5	18.7#
79	17.4	9.4	14.2#

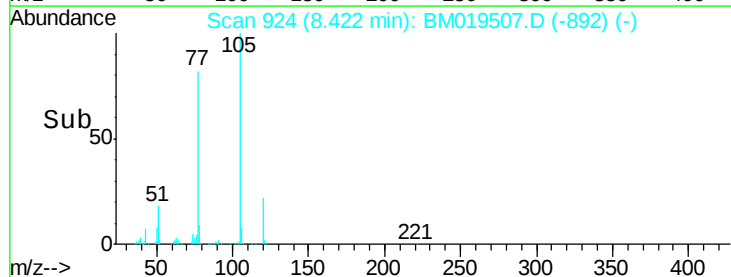
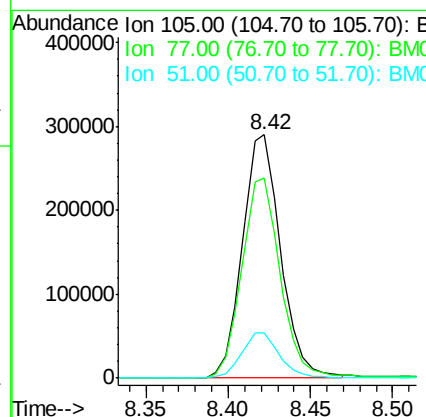
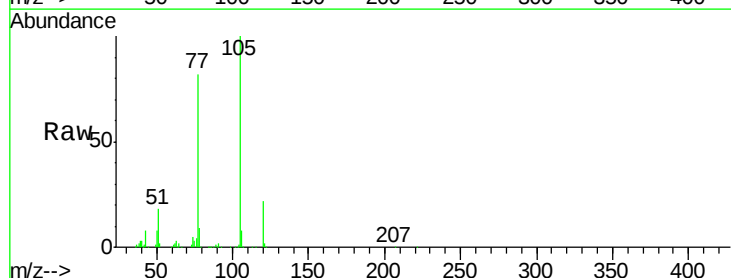
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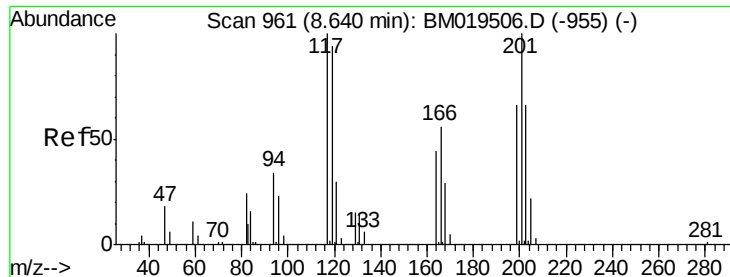
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#14
Acetophenone
Concen: 41.378 ng/ul m
RT: 8.42 min Scan# 924
Delta R.T. -0.01 min
Lab File: BM019507.D
Acq: 27 Mar 2019 16:28

Tgt Ion	Ratio	Lower	Upper
105	100		
77	82.1	63.2	94.8
51	18.4	19.8	29.8#





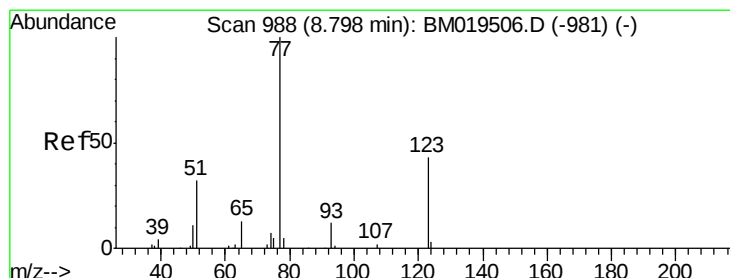
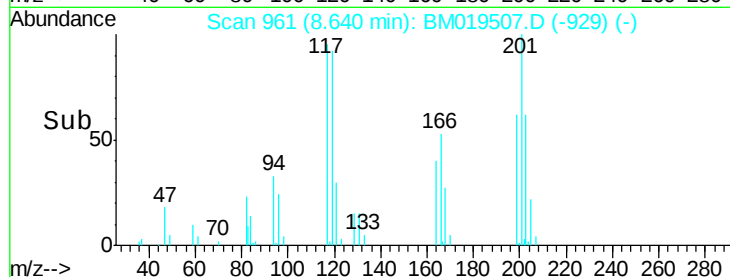
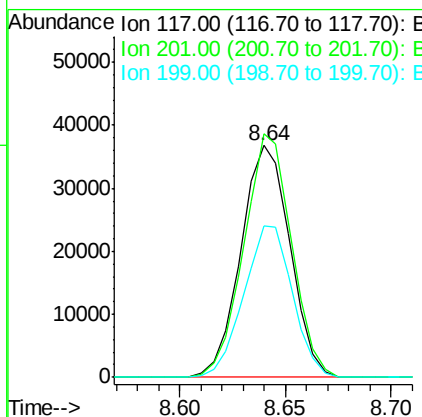
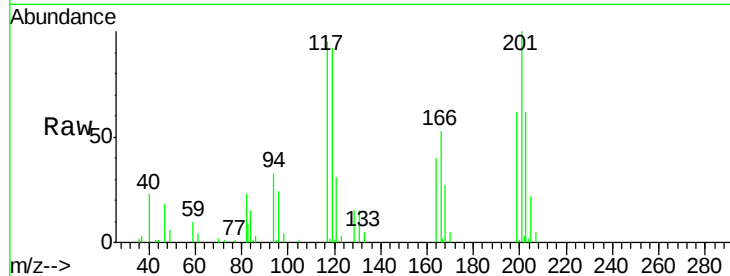
#17
Hexachloroethane
Concen: 19.785 ng/ul
RT: 8.64 min Scan# 961
Delta R.T. -0.01 min
Lab File: BM019507.D
Acq: 27 Mar 2019 16:28

Instrument :
BNA_M
ClientSampled :
DB6R4

Tgt Ion	Ratio	Lower	Upper
117	100		
201	105.2	96.1	144.1
199	65.3	59.7	89.5

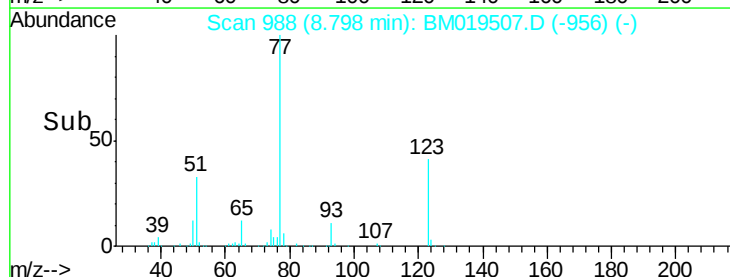
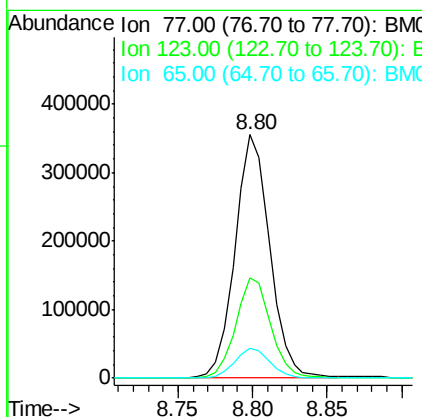
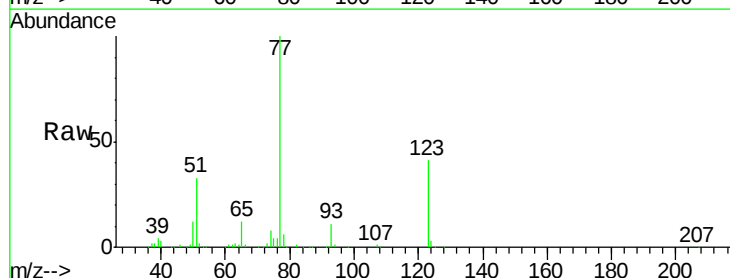
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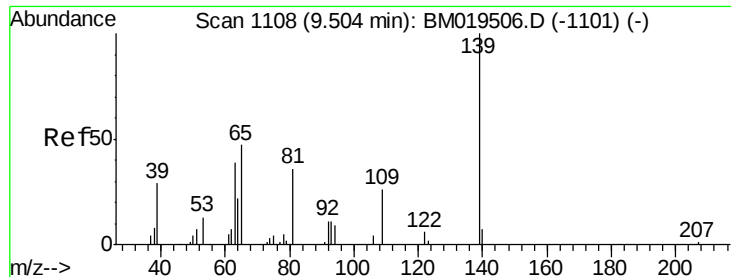
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#20
Nitrobenzene
Concen: 57.278 ng/ul
RT: 8.80 min Scan# 988
Delta R.T. -0.01 min
Lab File: BM019507.D
Acq: 27 Mar 2019 16:28

Tgt Ion	Ratio	Lower	Upper
77	100		
123	40.9	31.8	47.8
65	12.2	10.6	16.0





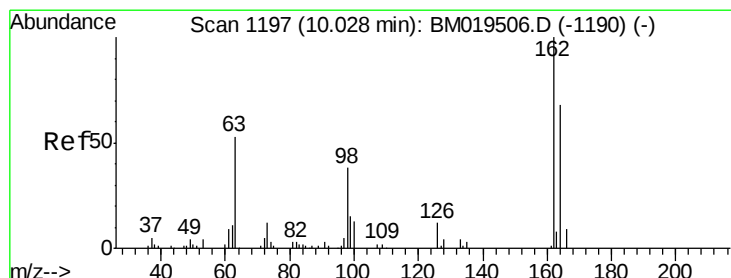
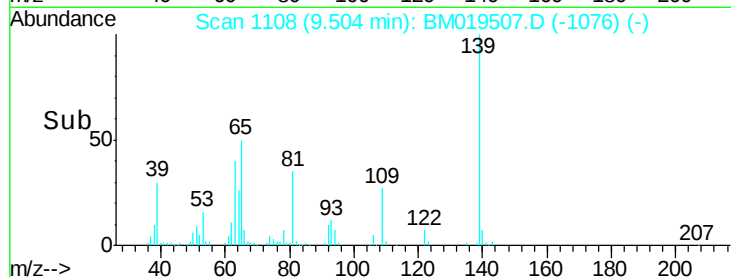
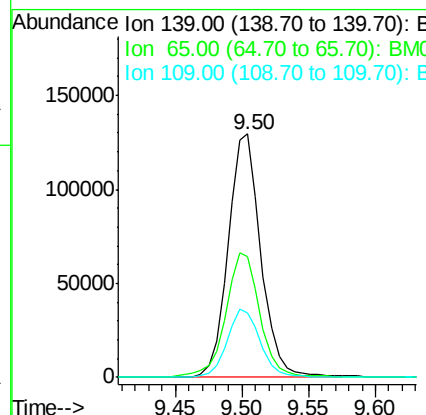
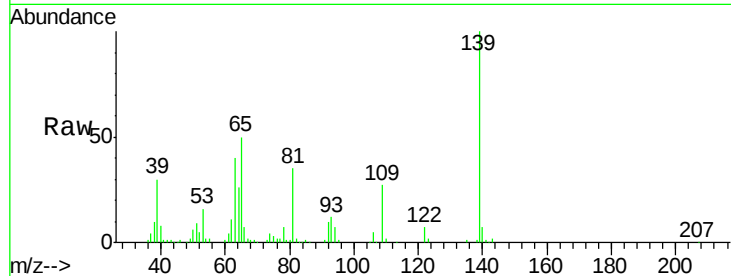
#23
2-Nitrophenol
Concen: 53.979 ng/ul
RT: 9.50 min Scan# 1108
Delta R.T. -0.01 min
Lab File: BM019507.D
Acq: 27 Mar 2019 16:28

Instrument :
BNA_M
ClientSampled :
DB6R4

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	222001		
65	49.7	45.3	67.9	
109	26.6	27.7	41.5#	

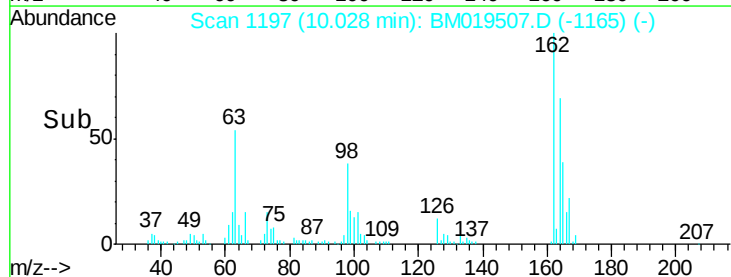
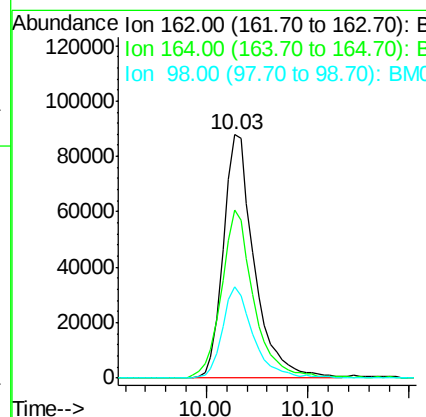
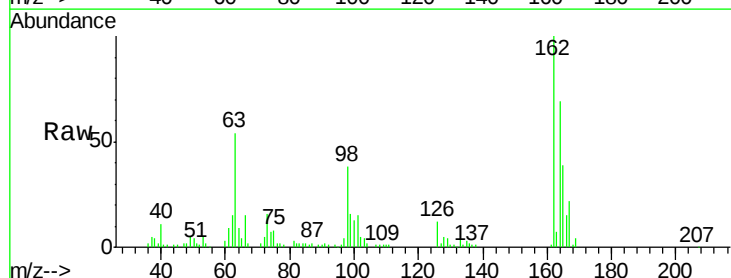
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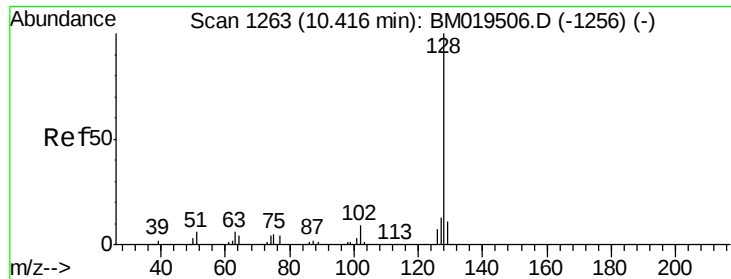
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#27
2,4-Dichlorophenol
Concen: 26.852 ng/ul
RT: 10.03 min Scan# 1197
Delta R.T. -0.01 min
Lab File: BM019507.D
Acq: 27 Mar 2019 16:28

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	186665		
164	69.0	52.0	78.0	
98	37.7	26.6	39.8	





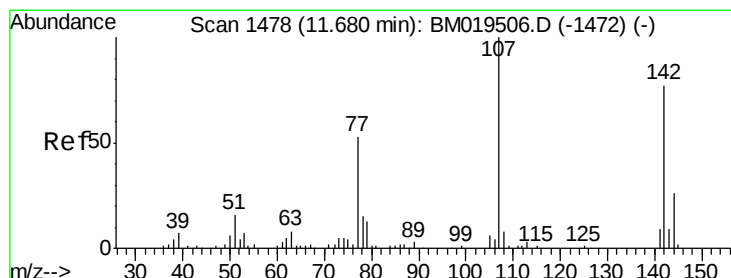
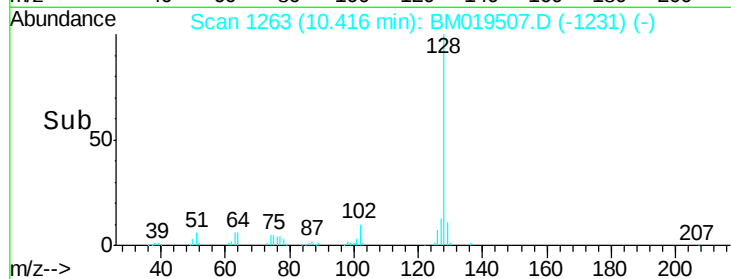
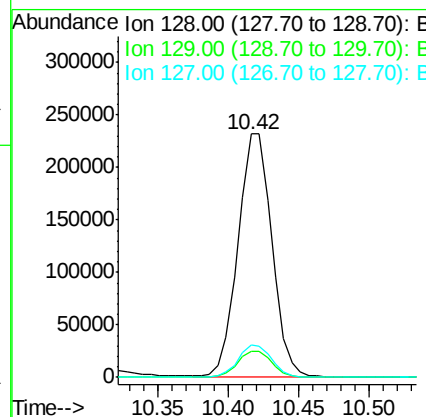
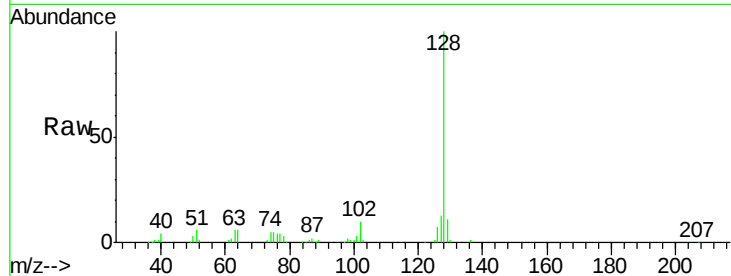
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Naphthalene
Concen: 16.129 ng/ul
RT: 10.42 min Scan# 1263
Delta R.T. -0.01 min
Lab File: BM019507.D
Acq: 27 Mar 2019 16:28

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Tgt Ion	Ratio	Lower	Upper
128	100		
129	10.7	8.3	12.5
127	13.2	10.8	16.2

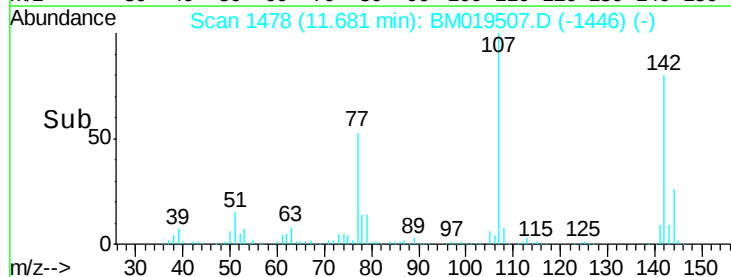
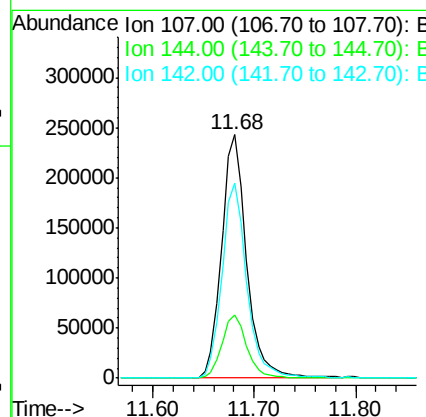
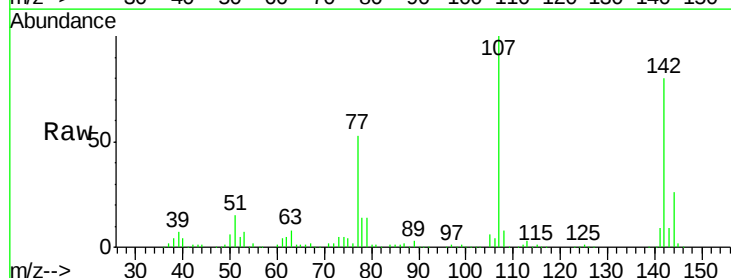
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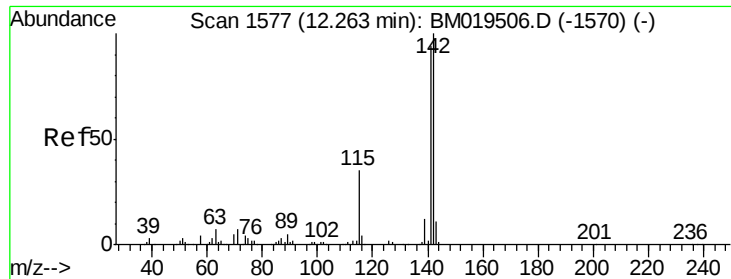
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#33
4-Chloro-3-methylphenol
Concen: 55.662 ng/ul
RT: 11.68 min Scan# 1478
Delta R.T. -0.01 min
Lab File: BM019507.D
Acq: 27 Mar 2019 16:28

Tgt Ion	Ratio	Lower	Upper
107	100		
144	26.1	21.1	31.7
142	79.9	60.1	90.1





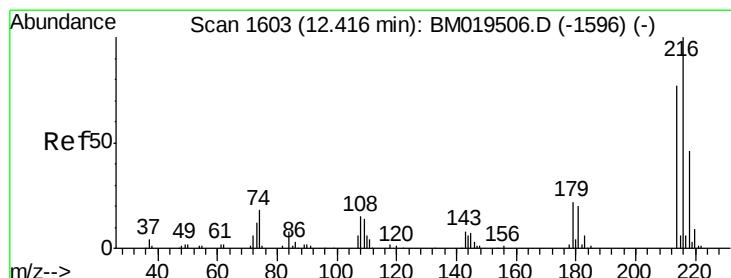
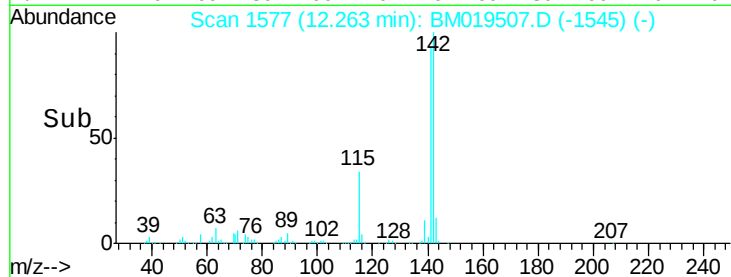
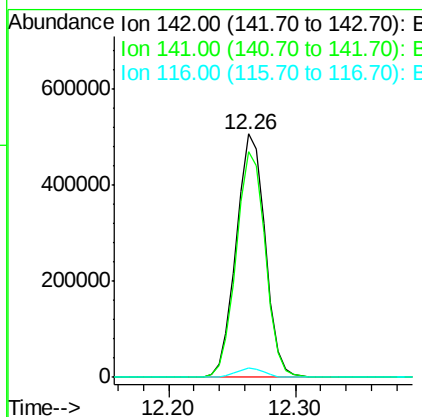
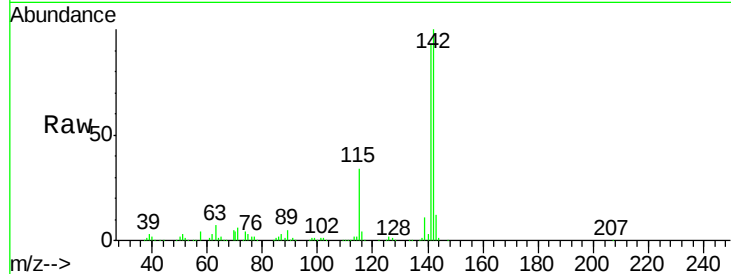
#35
 1-Methylnaphthalene
 Concen: 49.895 ng/u1
 RT: 12.26 min Scan# 1577
 Delta R.T. -0.01 min
 Lab File: BM019507.D
 Acq: 27 Mar 2019 16:28

Instrument :
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 DB6R4

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.7	76.6	115.0
116	3.7	3.6	5.4

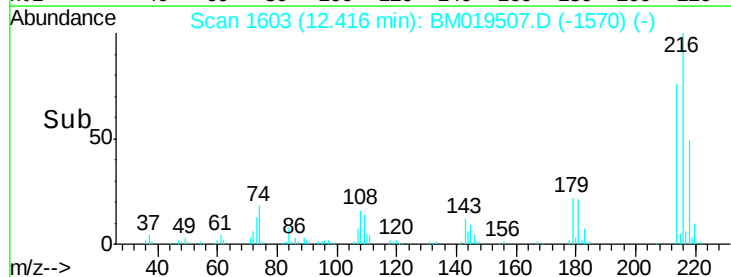
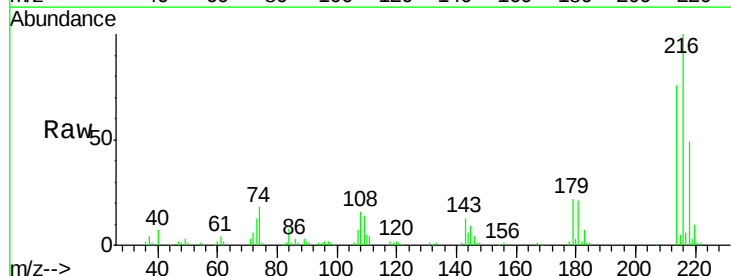
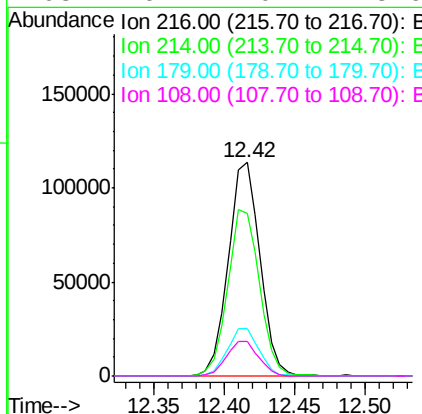
Manual Integrations
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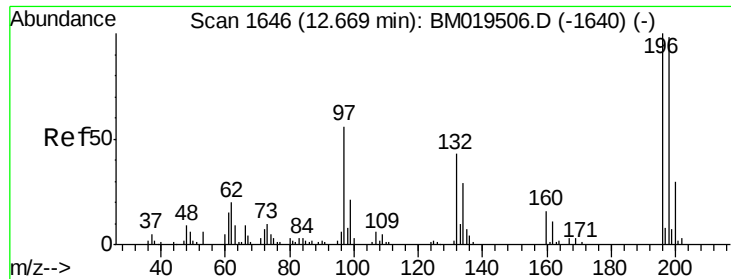
Sohil
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#37
 1,2,4,5-Tetrachlorobenzene
 Concen: 19.973 ng/u1
 RT: 12.42 min Scan# 1603
 Delta R.T. -0.01 min
 Lab File: BM019507.D
 Acq: 27 Mar 2019 16:28

Tgt Ion	Ratio	Lower	Upper
216	100		
214	76.3	64.1	96.1
179	22.3	14.5	21.7#
108	16.1	10.4	15.6#





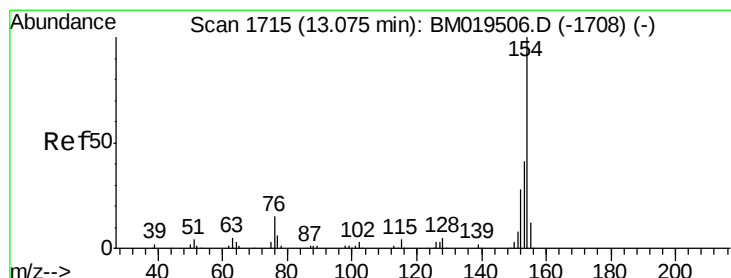
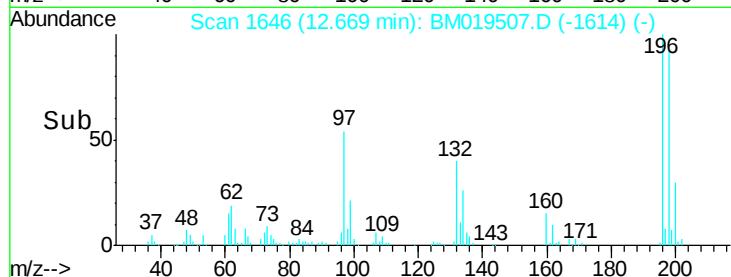
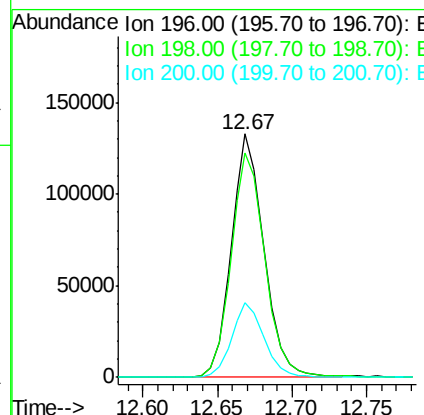
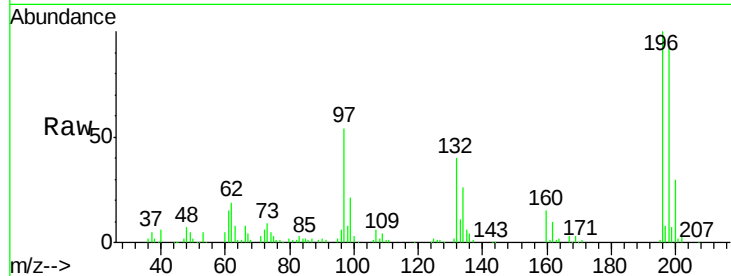
#39
 2,4,6-Trichlorophenol
 Concen: 36.656 ng/ul
 RT: 12.67 min Scan# 1646
 Delta R.T. -0.01 min
 Lab File: BM019507.D
 Acq: 27 Mar 2019 16:28

Instrument :
 BNA_M
 ClientSampled :
 DB6R4

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	203432		
198	92.4	75.9	113.9	
200	30.5	25.8	38.6	

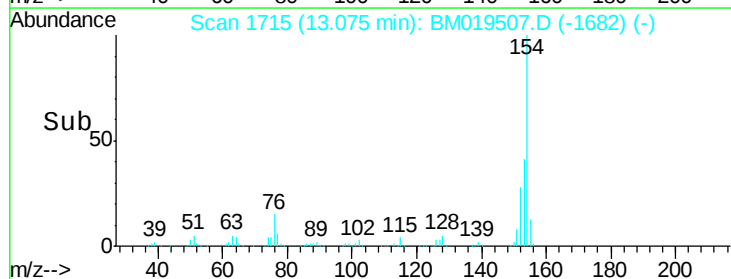
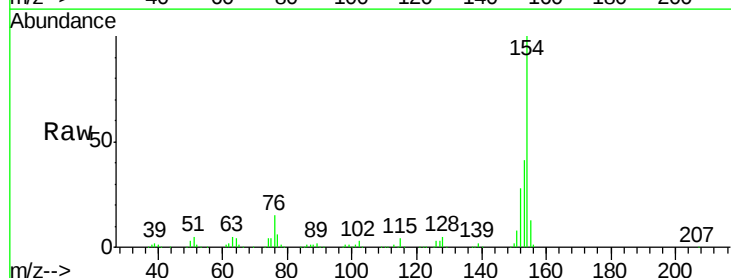
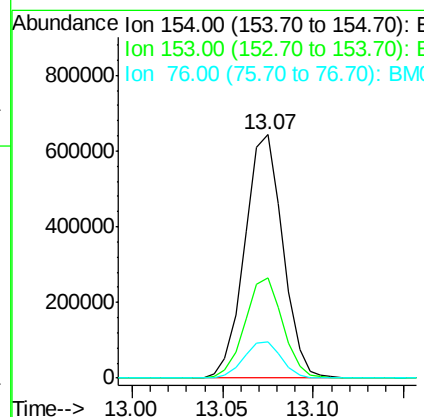
Manual Integrations
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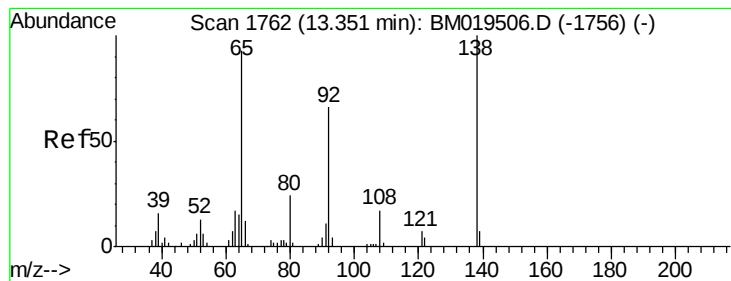
Sohil
 3/28/2019 3:18:18 PM



#41
 1,1'-Biphenyl
 Concen: 39.443 ng/ul
 RT: 13.07 min Scan# 1715
 Delta R.T. -0.01 min
 Lab File: BM019507.D
 Acq: 27 Mar 2019 16:28

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	939102		
153	41.4	34.0	51.0	
76	14.9	8.4	12.6#	





#43

2-Nitroaniline

Concen: 43.845 ng/ul

RT: 13.35 min Scan# 1762

Delta R.T. -0.01 min

Lab File: BM019507.D

Acq: 27 Mar 2019 16:28

Instrument :

BNA_M

ClientSampled :

DB6R4

Tgt Ion: 65 Resp: 219546
Ion Ratio Lower Upper

65 100

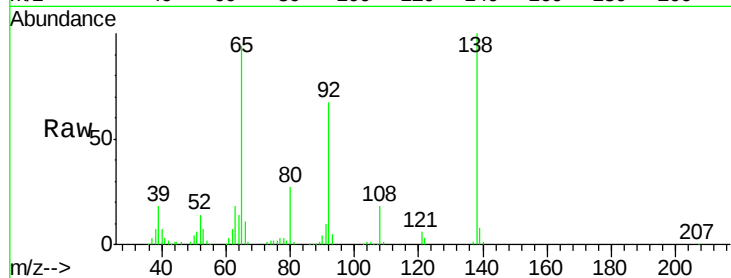
92 71.7 57.0 85.4

138 106.5 87.2 130.8

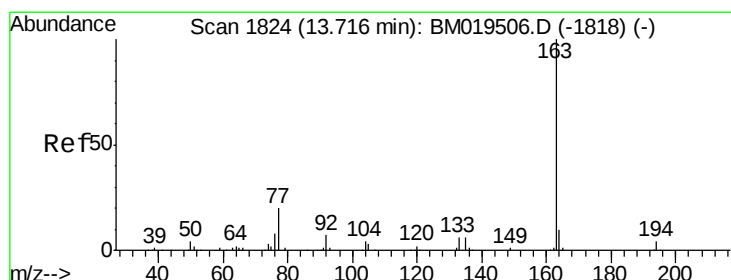
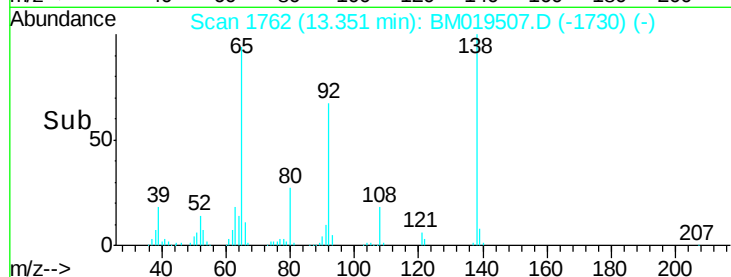
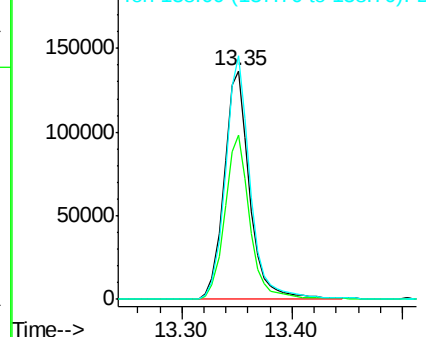
Manual Integrations
APPROVED

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Abundance Ion 65.00 (64.70 to 65.70): BM019507.D (-1756) (-)
Ion 92.00 (91.70 to 92.70): BM019507.D (-1756) (-)
Ion 138.00 (137.70 to 138.70): BM019507.D (-1756) (-)



#45

Dimethylphthalate

Concen: 3.856 ng/ul

RT: 13.75 min Scan# 1829

Delta R.T. 0.02 min

Lab File: BM019507.D

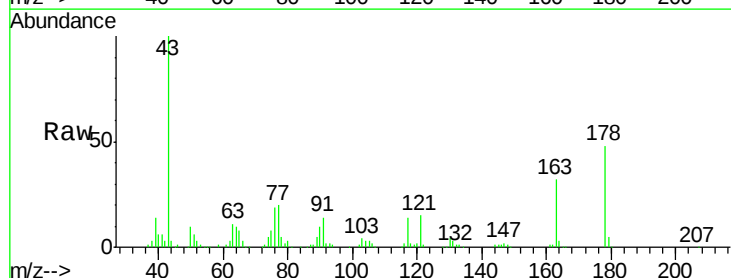
Acq: 27 Mar 2019 16:28

Tgt Ion:163 Resp: 87256
Ion Ratio Lower Upper

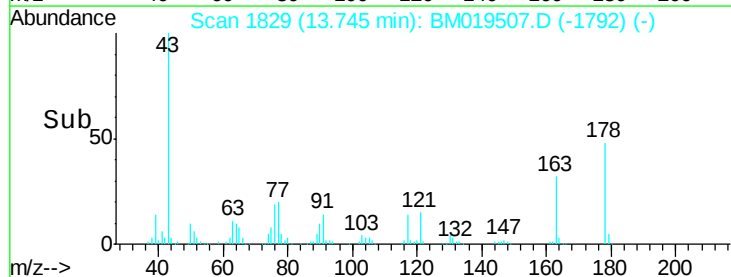
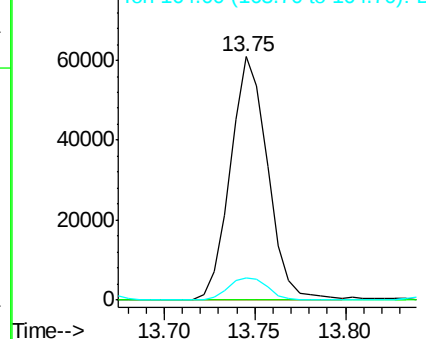
163 100

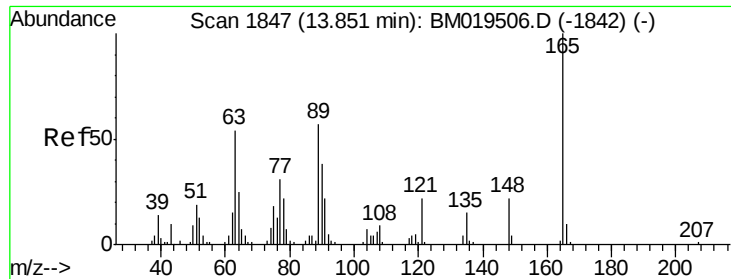
194 0.0 4.0 6.0#

164 9.1 8.4 12.6



Abundance Ion 163.00 (162.70 to 163.70): BM019507.D (-1792) (-)
Ion 194.00 (193.70 to 194.70): BM019507.D (-1792) (-)
Ion 164.00 (163.70 to 164.70): BM019507.D (-1792) (-)





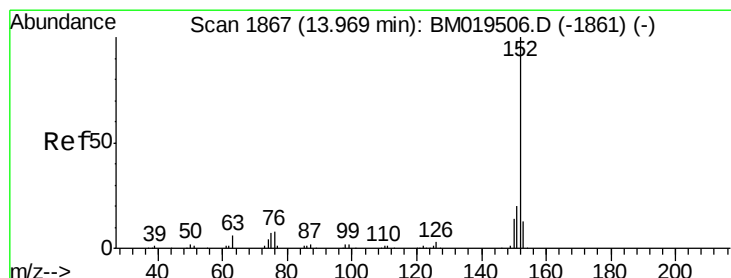
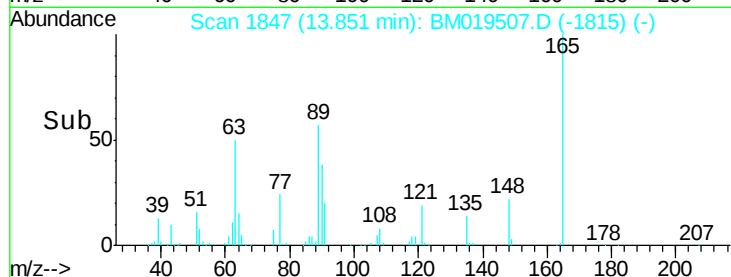
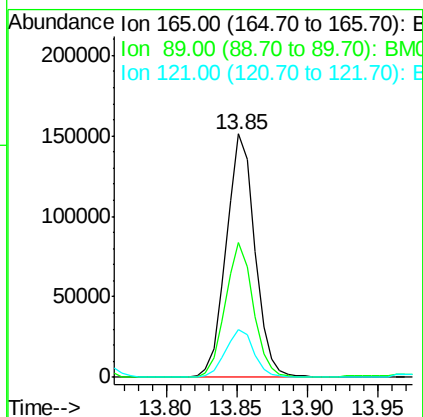
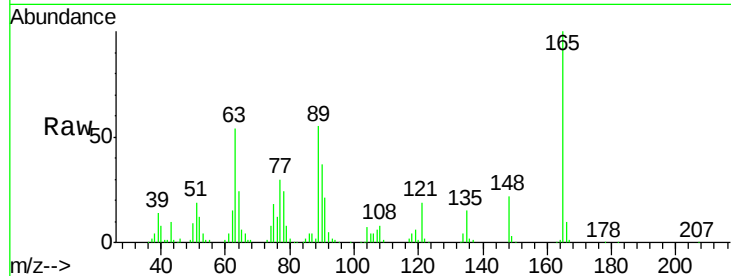
#46
 2,6-Dinitrotoluene
 Concen: 51.595 ng/ul
 RT: 13.85 min Scan# 1847
 Delta R.T. -0.01 min
 Lab File: BM019507.D
 Acq: 27 Mar 2019 16:28

Instrument :
 BNA_M
 ClientSampled :
 DB6R4

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	214358		
89	55.3	43.8	65.8	
121	19.4	17.8	26.6	

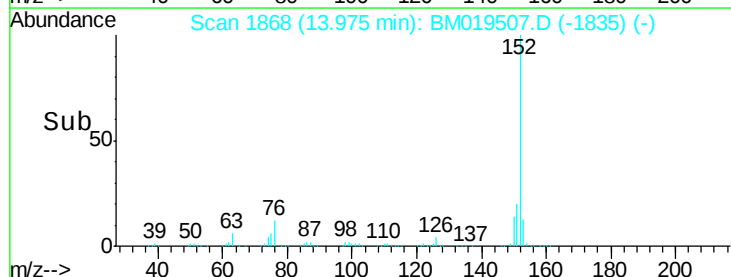
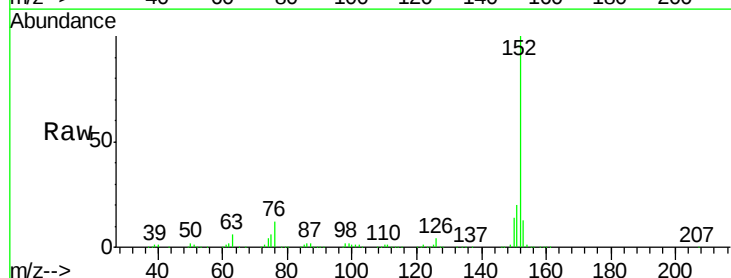
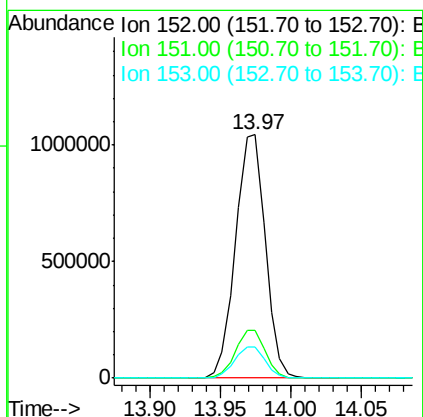
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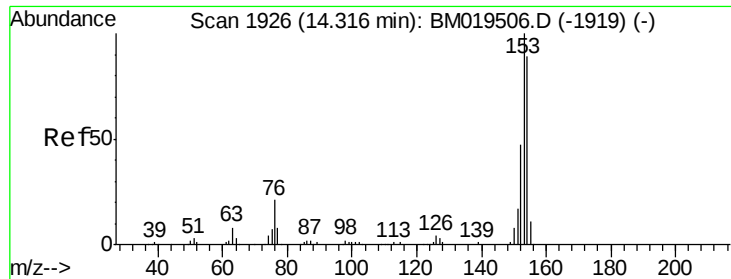
Sohil
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#48
 Acenaphthylene
 Concen: 55.114 ng/ul
 RT: 13.97 min Scan# 1868
 Delta R.T. -0.01 min
 Lab File: BM019507.D
 Acq: 27 Mar 2019 16:28

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	1540653		
151	19.5	16.1	24.1	
153	12.7	10.8	16.2	





#50

Acenaphthene

Concen: 4.427 ng/ul

RT: 14.32 min Scan# 1926

Delta R.T. -0.01 min

Lab File: BM019507.D

Acq: 27 Mar 2019 16:28

Instrument :

BNA_M

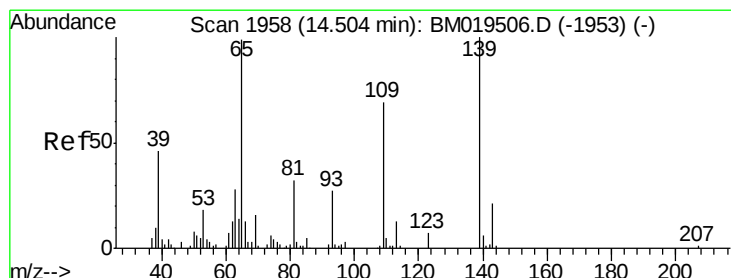
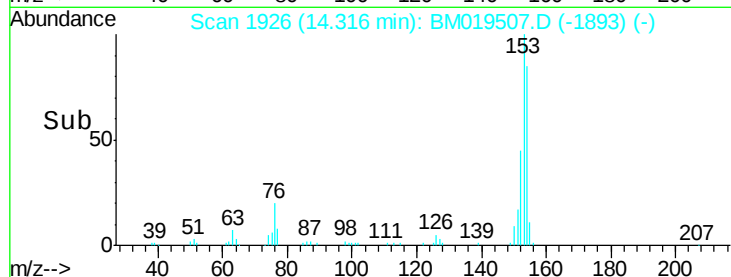
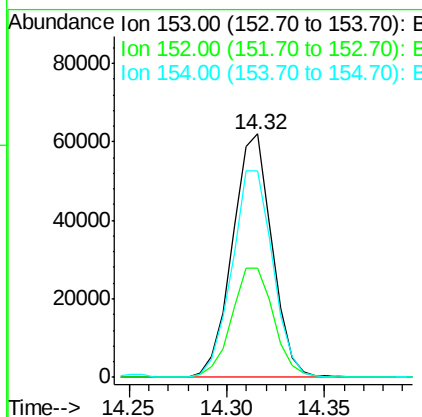
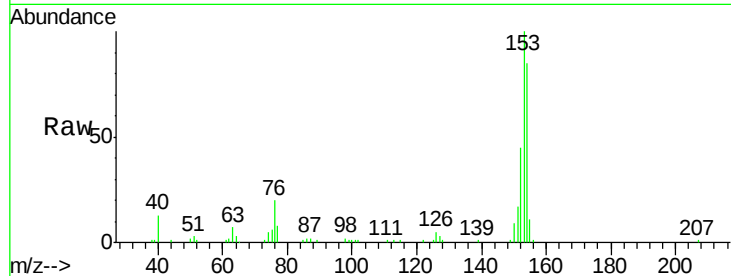
ClientSampleId :

DB6R4

Tgt Ion:	153	Resp:	87155
Ion Ratio	Lower	Upper	
153	100		
152	45.0	37.9	56.9
154	84.7	69.8	104.6

Manual Integrations
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#53

4-Nitrophenol

Concen: 70.813 ng/ul

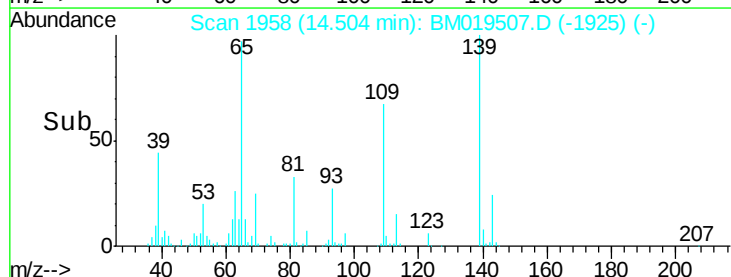
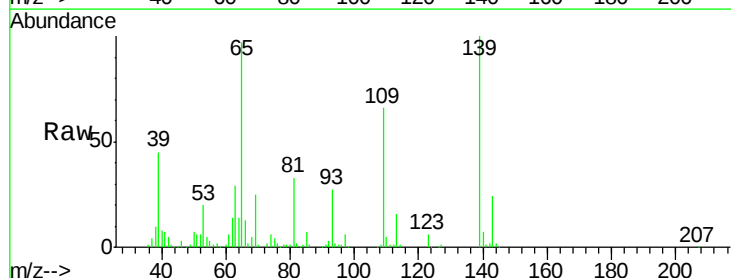
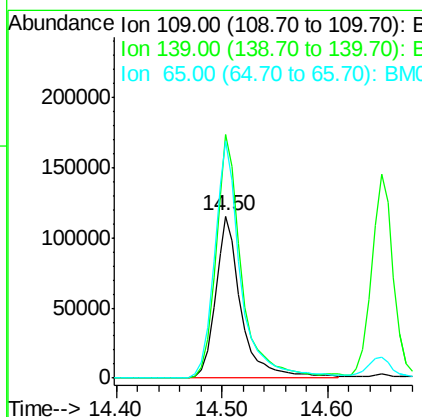
RT: 14.50 min Scan# 1958

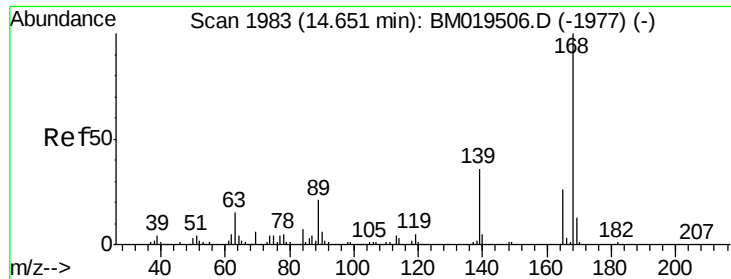
Delta R.T. -0.01 min

Lab File: BM019507.D

Acq: 27 Mar 2019 16:28

Tgt Ion:	109	Resp:	195953
Ion Ratio	Lower	Upper	
109	100		
139	150.5	91.2	136.8#
65	146.7	92.6	139.0#





#54

Dibenzenofuran

Concen: 21.010 ng/ul

RT: 14.65 min Scan# 1983

Delta R.T. -0.01 min

Lab File: BM019507.D

Acq: 27 Mar 2019 16:28

Instrument :

BNA_M

ClientSampled :

DB6R4

Tgt Ion:168 Resp: 577638

Ion Ratio Lower Upper

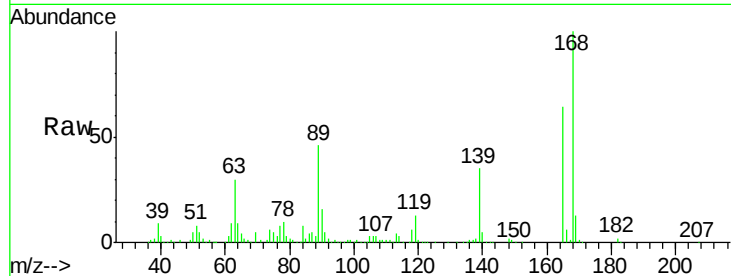
168 100

139 35.4 31.0 46.4

Manual Integrations
APPROVED

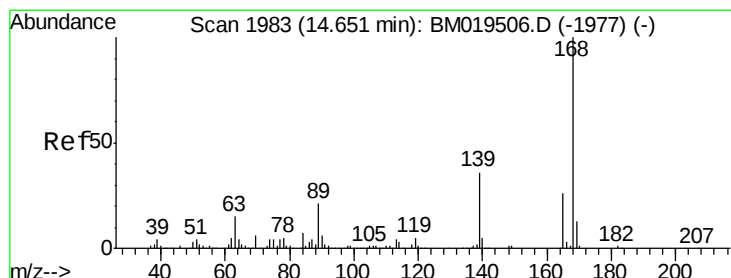
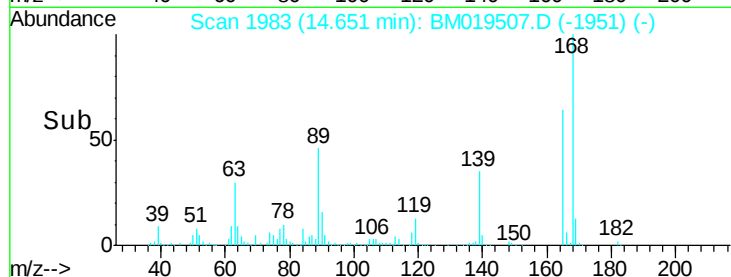
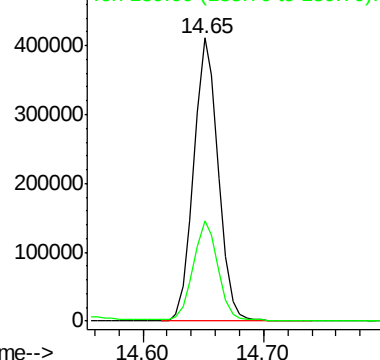
Sohil

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Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E



#55

2,4-Dinitrotoluene

Concen: 59.817 ng/ul

RT: 14.65 min Scan# 1983

Delta R.T. -0.01 min

Lab File: BM019507.D

Acq: 27 Mar 2019 16:28

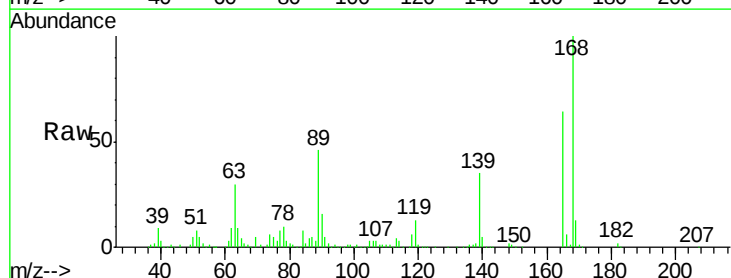
Tgt Ion:165 Resp: 368009

Ion Ratio Lower Upper

165 100

63 46.9 31.4 47.0

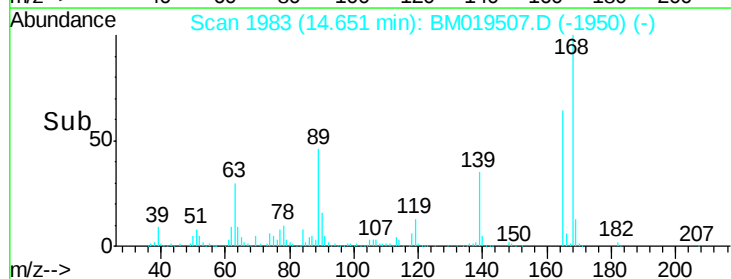
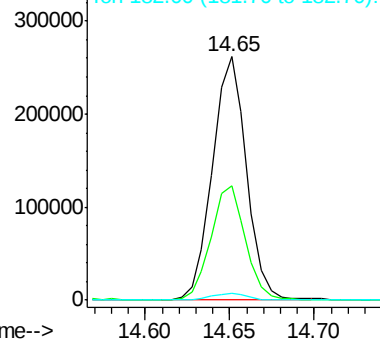
182 2.9 2.7 4.1

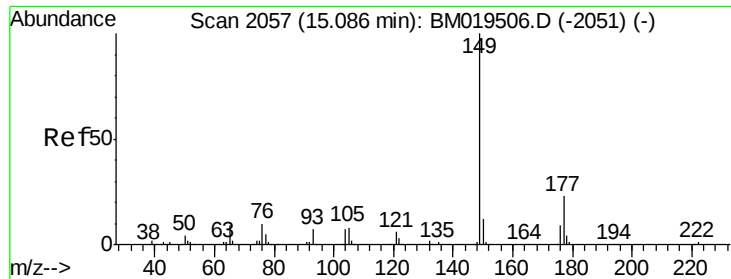


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM0

Ion 182.00 (181.70 to 182.70): E





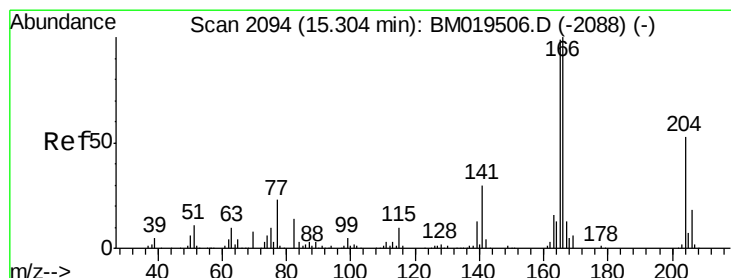
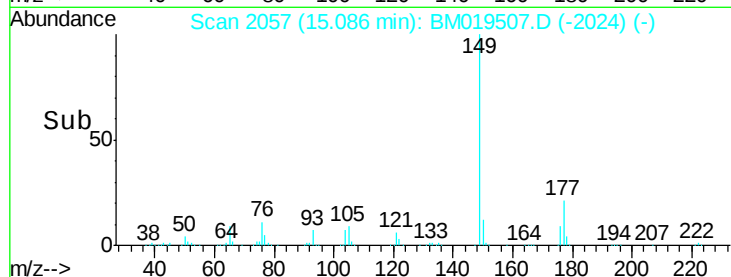
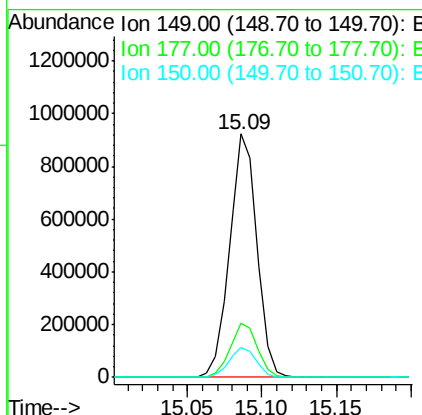
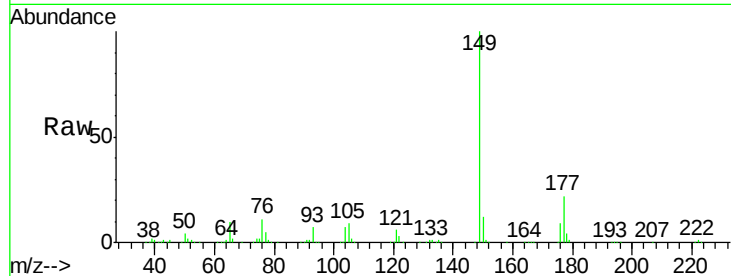
#57
Diethylphthalate
Concen: 53.088 ng/ul
RT: 15.09 min Scan# 2057
Delta R.T. -0.01 min
Lab File: BM019507.D
Acq: 27 Mar 2019 16:28

Instrument :
BNA_M
ClientSampleId :
DB6R4

Tgt Ion:149 Resp: 1181758
Ion Ratio Lower Upper
149 100
177 22.2 19.3 28.9
150 12.5 10.6 15.8

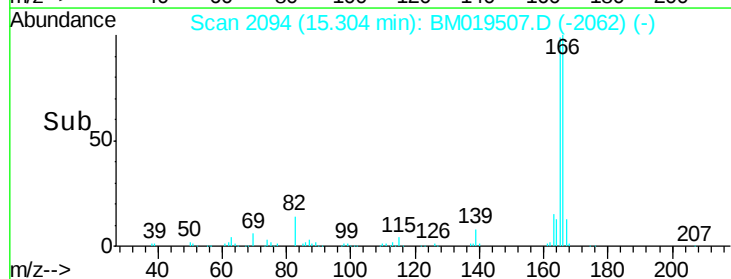
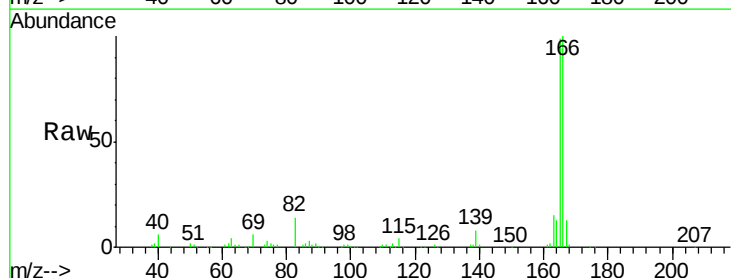
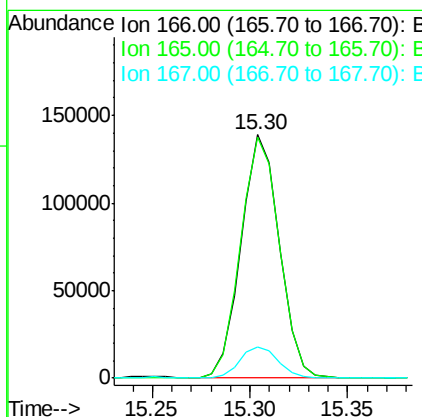
Manual Integrations
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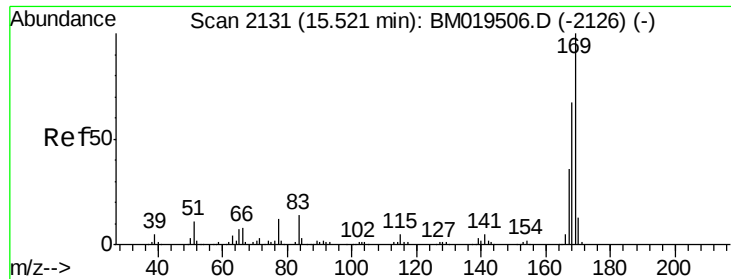
Sohil
3/28/2019 3:18:18 PM



#59
Fluorene
Concen: 8.664 ng/ul
RT: 15.30 min Scan# 2094
Delta R.T. -0.01 min
Lab File: BM019507.D
Acq: 27 Mar 2019 16:28

Tgt Ion:166 Resp: 188771
Ion Ratio Lower Upper
166 100
165 98.9 78.4 117.6
167 13.0 11.1 16.7





#65

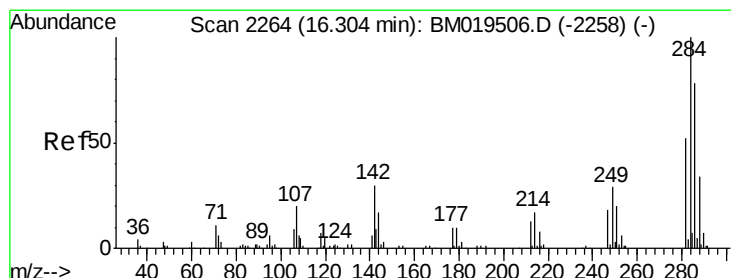
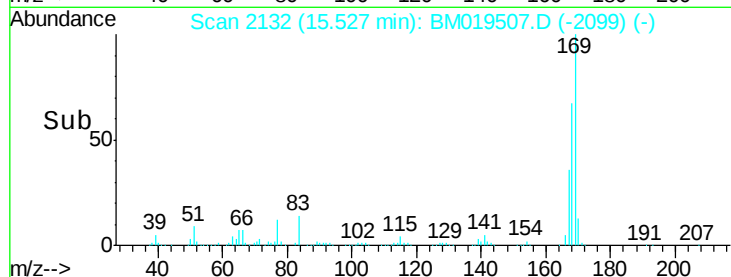
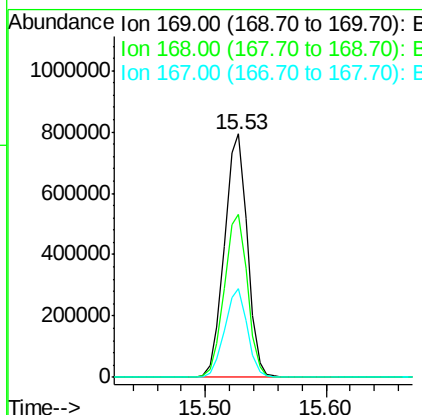
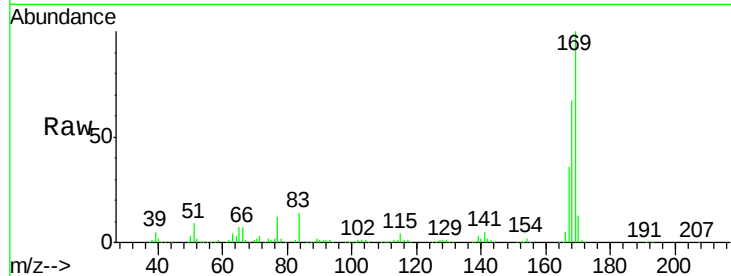
N-Nitrosodiphenylamine
Concen: 52.559 ng/ul
RT: 15.53 min Scan# 2132
Delta R.T. -0.01 min
Lab File: BM019507.D
Acq: 27 Mar 2019 16:28

Instrument :
BNA_M
ClientSampled :
DB6R4

Tgt Ion:169 Resp: 1042974
Ion Ratio Lower Upper
169 100
168 67.1 53.8 80.8
167 36.4 29.5 44.3

Manual Integrations
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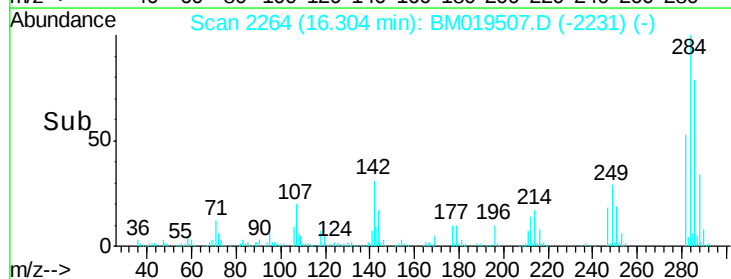
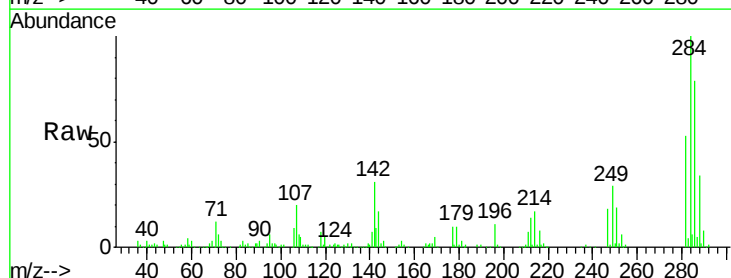
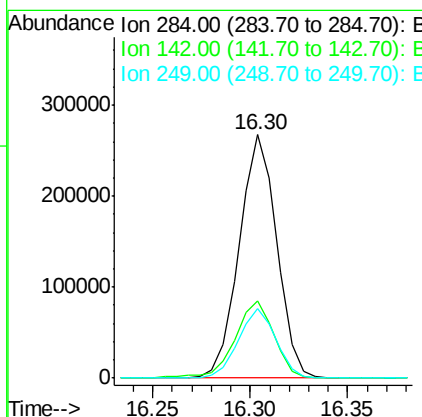
Sohil
3/28/2019 3:18:18 PM

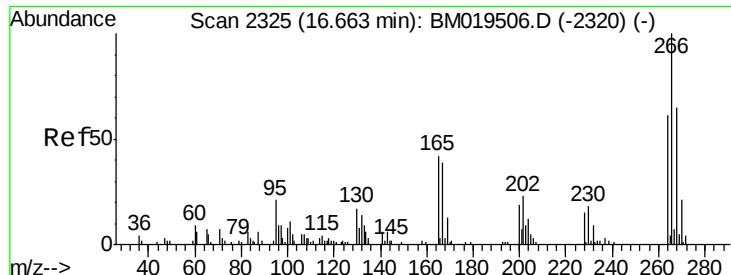


#67

Hexachlorobenzene
Concen: 42.473 ng/ul
RT: 16.30 min Scan# 2264
Delta R.T. -0.01 min
Lab File: BM019507.D
Acq: 27 Mar 2019 16:28

Tgt Ion:284 Resp: 356253
Ion Ratio Lower Upper
284 100
142 31.5 21.3 31.9
249 28.5 26.3 39.5





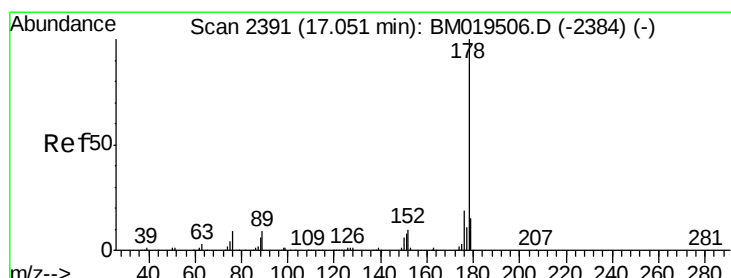
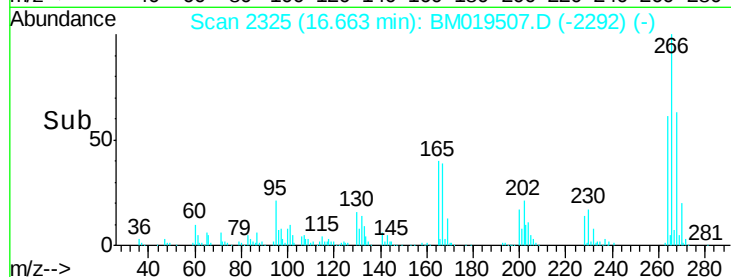
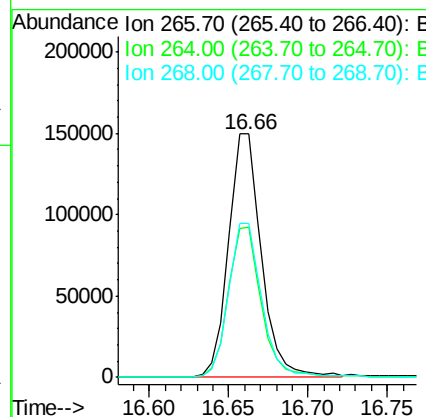
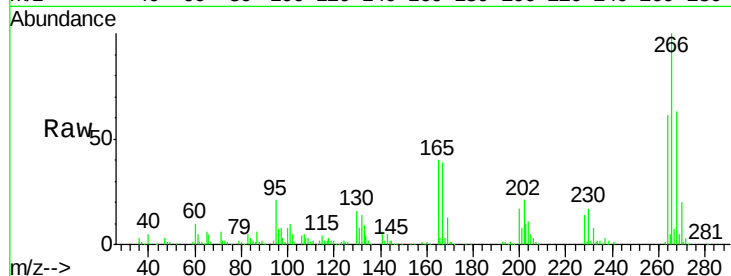
#69
 Pentachlorophenol
 Concen: 49.281 ng/ul
 RT: 16.66 min Scan# 2325
 Delta R.T. -0.01 min
 Lab File: BM019507.D
 Acq: 27 Mar 2019 16:28

Instrument :
 BNA_M
 ClientSampleId :
 DB6R4

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	216053		
264	61.5	48.2	72.4	
268	63.4	52.3	78.5	

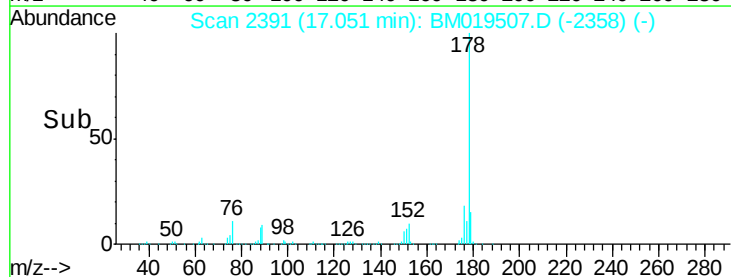
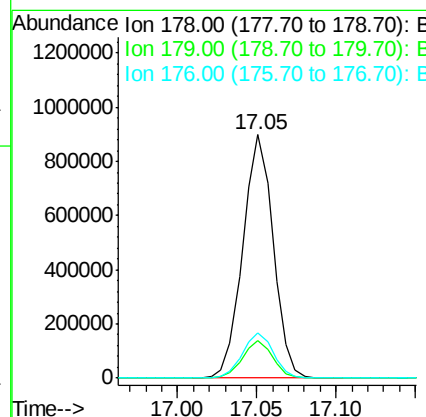
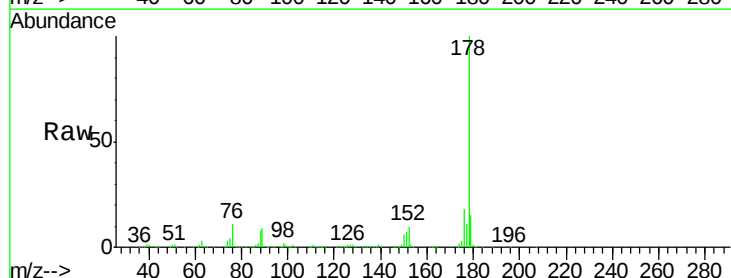
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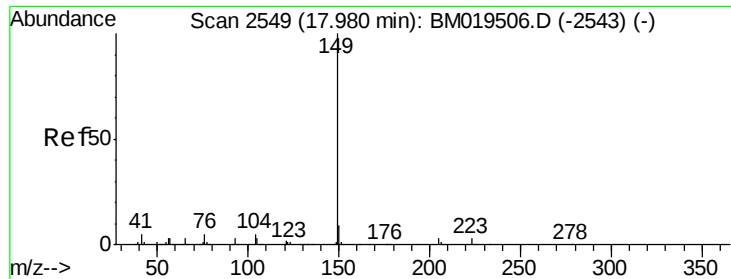
Sohil
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#70
 Phenanthrene
 Concen: 33.117 ng/ul
 RT: 17.05 min Scan# 2391
 Delta R.T. -0.01 min
 Lab File: BM019507.D
 Acq: 27 Mar 2019 16:28

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1197651		
179	15.2	12.3	18.5	
176	18.4	15.4	23.0	





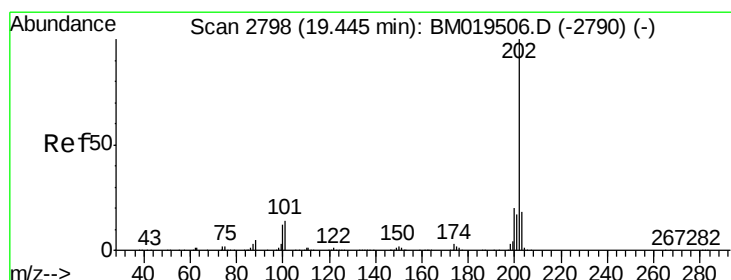
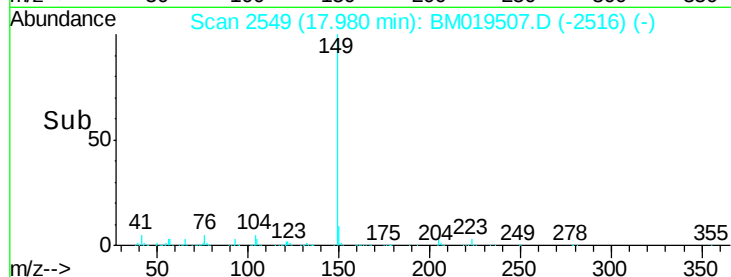
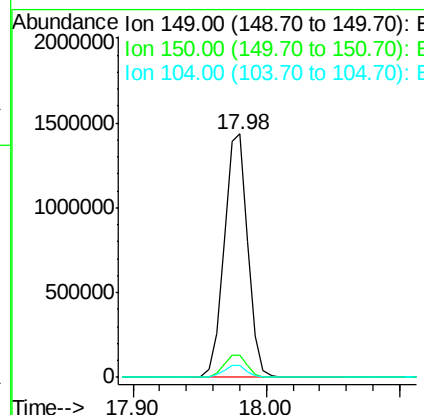
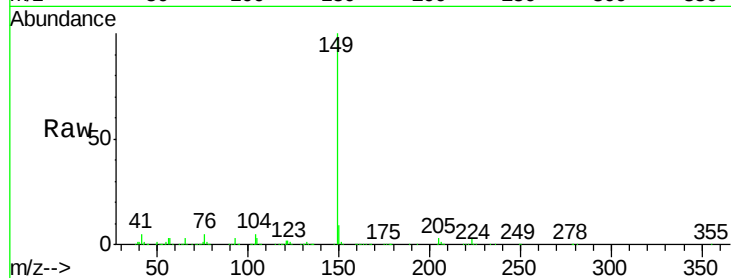
#76
Di-n-butylphthalate
Concen: 48.631 ng/ul
RT: 17.98 min Scan# 2549
Delta R.T. -0.01 min
Lab File: BM019507.D
Acq: 27 Mar 2019 16:28

Instrument :
BNA_M
ClientSampled :
DB6R4

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.0	7.5	11.3
104	4.7	4.1	6.1

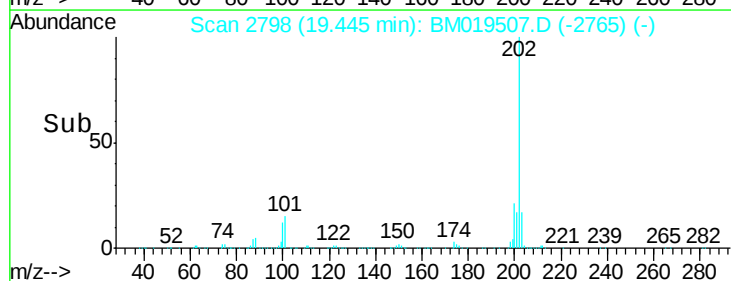
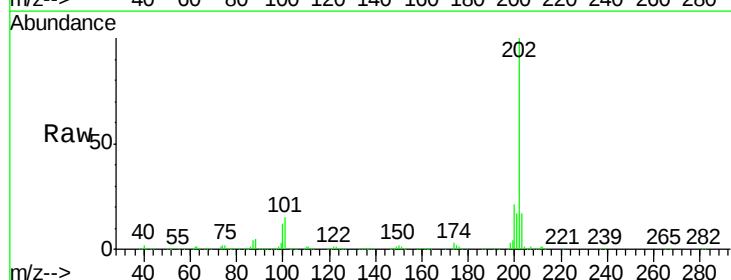
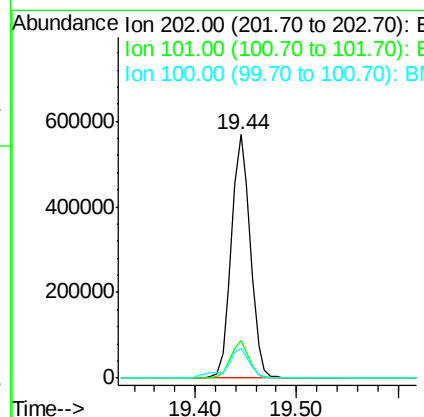
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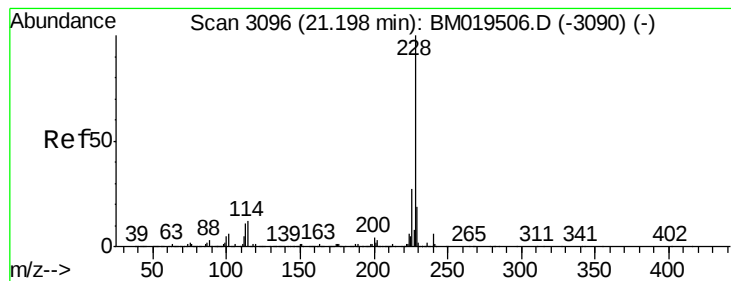
Sohil
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#80
Pyrene
Concen: 16.409 ng/ul
RT: 19.44 min Scan# 2798
Delta R.T. -0.01 min
Lab File: BM019507.D
Acq: 27 Mar 2019 16:28

Tgt Ion	Ratio	Lower	Upper
202	100		
101	15.3	6.9	10.3#
100	12.2	5.6	8.4#





#83

Benzo(a)anthracene

Concen: 42.961 ng/ul

RT: 21.20 min Scan# 3097

Delta R.T. 0.00 min

Lab File: BM019507.D

Acq: 27 Mar 2019 16:28

Instrument :

BNA_M

ClientSampleId :

DB6R4

Tgt Ion:228 Resp: 1939146

Ion Ratio Lower Upper

228 100

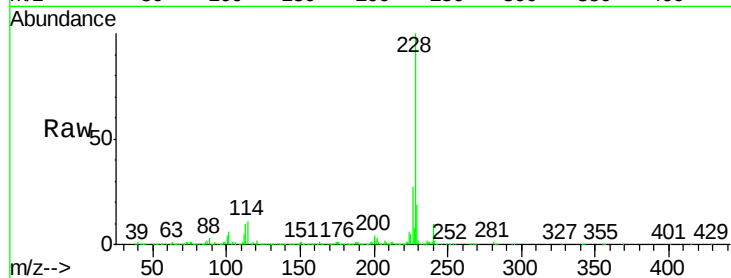
229 19.1 16.0 24.0

226 26.7 21.8 32.8

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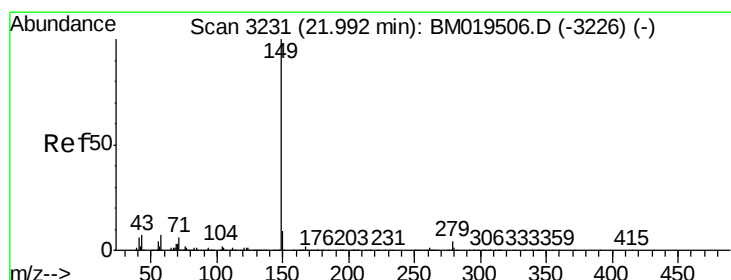
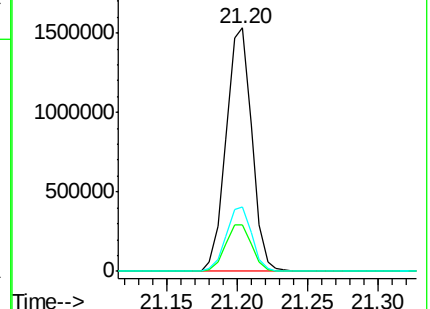
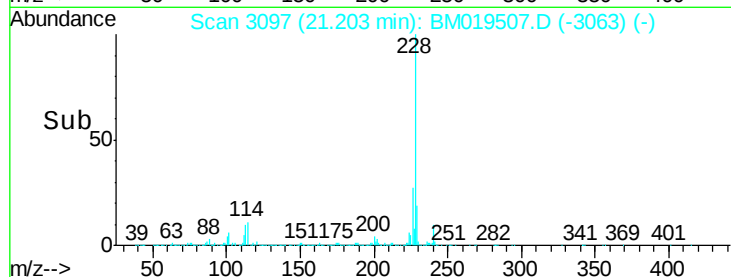
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Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E



#87

Di-n-octyl phthalate

Concen: 30.142 ng/ul

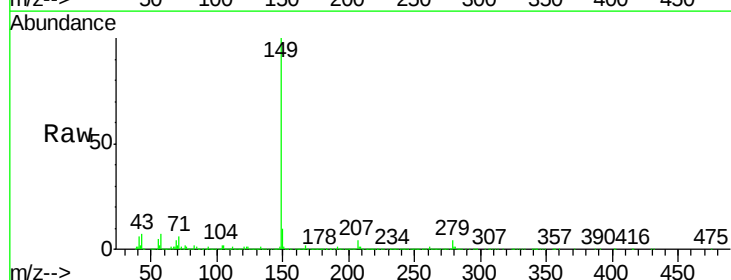
RT: 21.99 min Scan# 3231

Delta R.T. -0.01 min

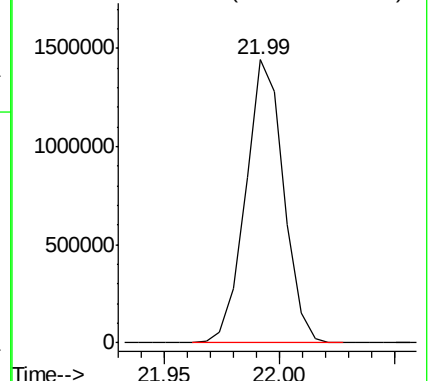
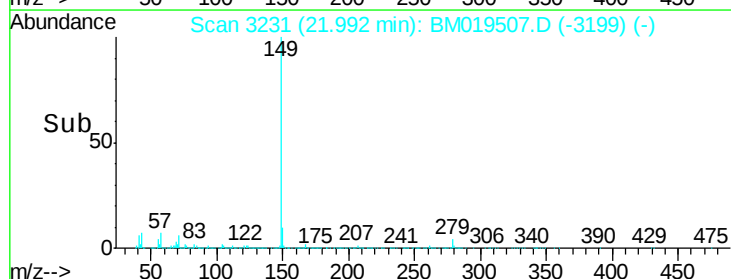
Lab File: BM019507.D

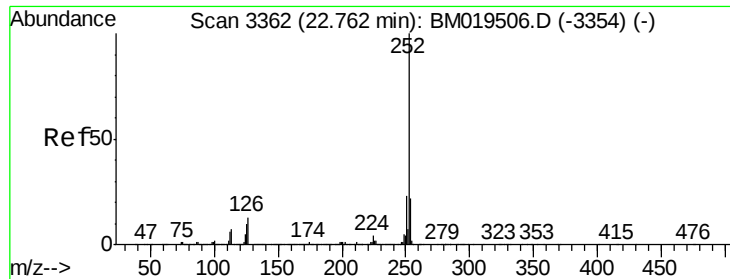
Acq: 27 Mar 2019 16:28

Tgt Ion:149 Resp: 1645745



Abundance Ion 149.00 (148.70 to 149.70): E





#88

Benzo(b)fluoranthene

Concen: 32.642 ng/ul

RT: 22.76 min Scan# 3362

Delta R.T. -0.01 min

Lab File: BM019507.D

Acq: 27 Mar 2019 16:28

Instrument :

BNA_M

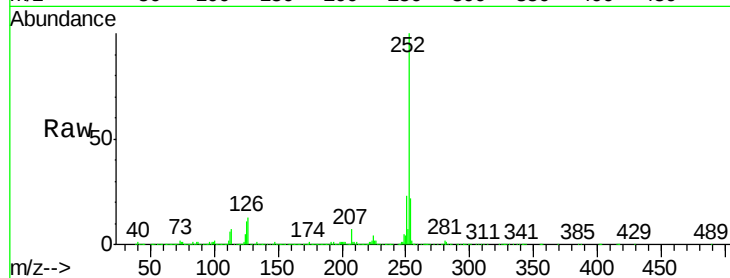
ClientSampled :

DB6R4

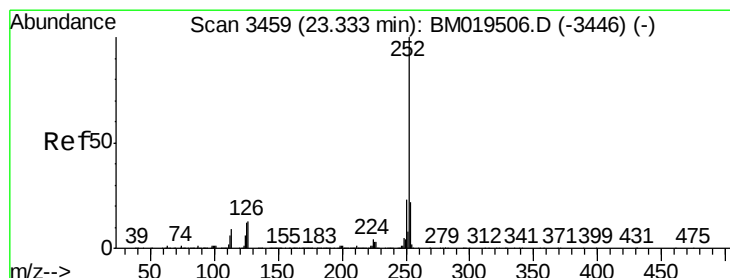
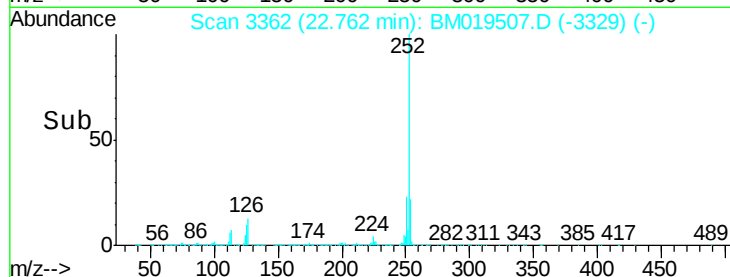
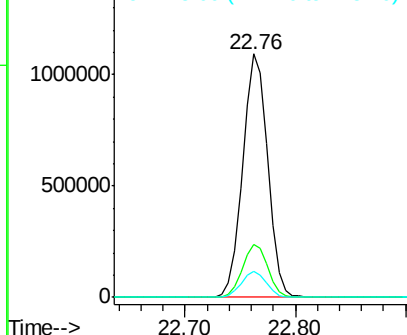
Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.4	26.0
125	10.5	4.9	7.3

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Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#91

Benzo(a)pyrene

Concen: 19.839 ng/ul

RT: 23.33 min Scan# 3459

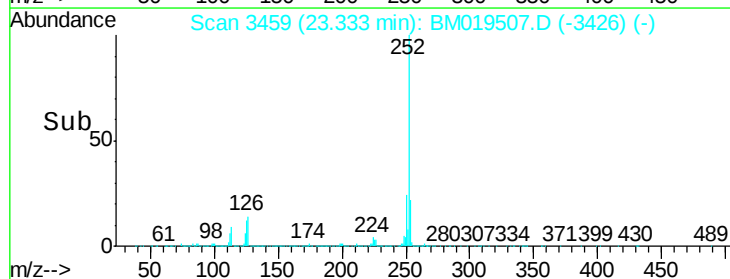
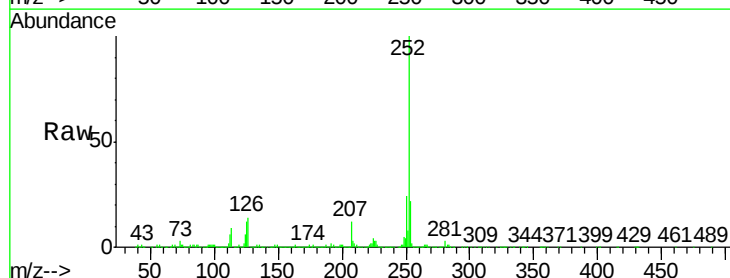
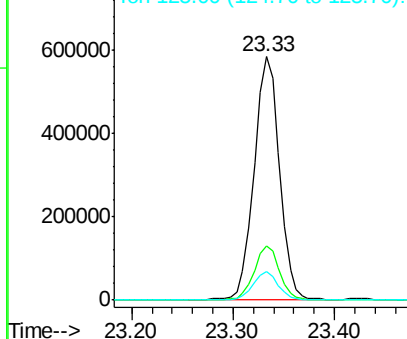
Delta R.T. -0.01 min

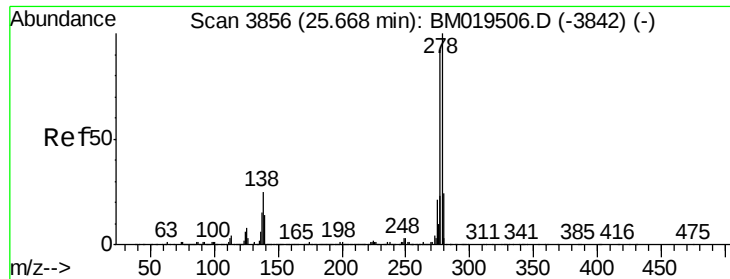
Lab File: BM019507.D

Acq: 27 Mar 2019 16:28

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.2	25.8
125	11.8	5.8	8.6

Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





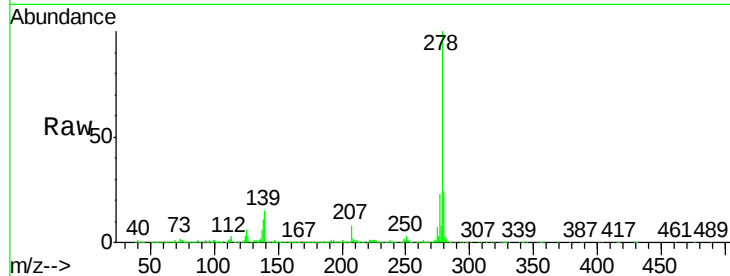
#93
Dibenzo(a,h)anthracene
Concen: 50.403 ng/ul
RT: 25.67 min Scan# 3857
Delta R.T. 0.00 min
Lab File: BM019507.D
Acq: 27 Mar 2019 16:28

Instrument :
BNA_M
ClientSampled :
DB6R4

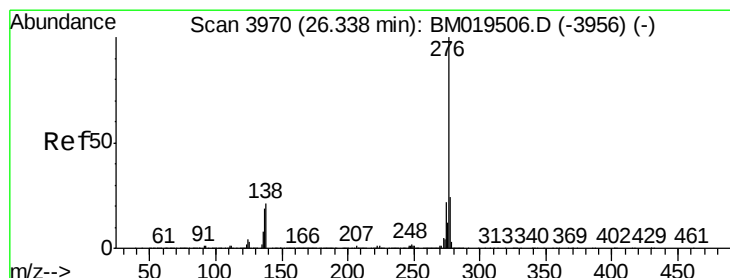
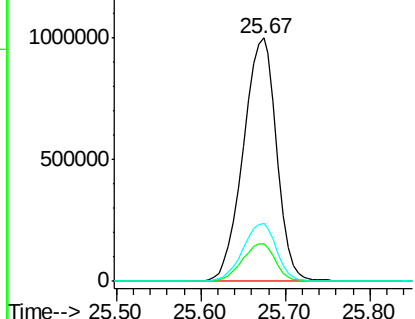
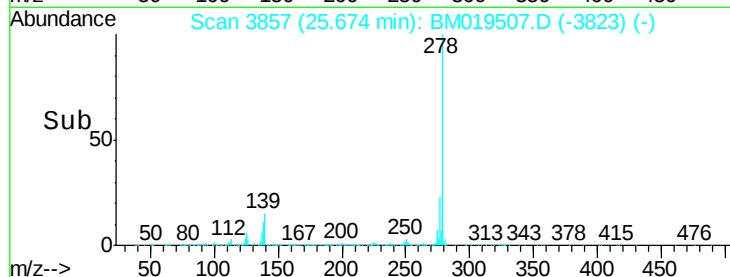
Tgt Ion	Ratio	Lower	Upper
278	100		
139	15.3	9.0	13.4#
279	23.8	19.1	28.7

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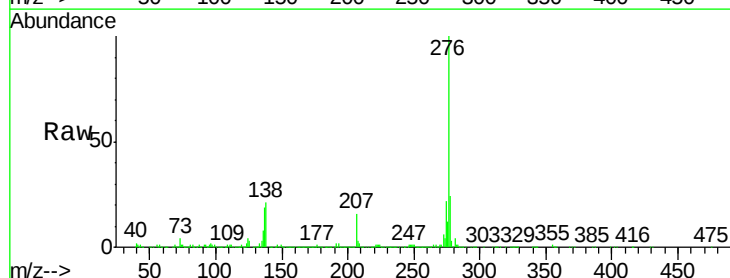


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#94
Benzo(g,h,i)perylene
Concen: 26.726 ng/ul
RT: 26.34 min Scan# 3971
Delta R.T. -0.01 min
Lab File: BM019507.D
Acq: 27 Mar 2019 16:28

Tgt Ion	Ratio	Lower	Upper
276	100		
138	20.6	11.2	16.8#
277	24.2	19.0	28.6



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

