

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082619\
 Data File : BM022364.D
 Acq On : 27 Aug 2019 12:30
 Operator : HP/JU
 Sample : K4414-03MSD
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 ETJQ7MSD

Manual Integrations
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 8/28/2019 11:32:20 PM

Quant Time: Aug 27 18:19:06 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Aug 27 17:04:34 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.54	152	34902	20.00	ng/ul	-0.01
18) Naphthalene-d8	10.31	136	156102	20.00	ng/ul	-0.02
35) Acenaphthene-d10	14.20	164	111033	20.00	ng/ul	-0.01
61) Phenanthrene-d10	16.96	188	248014	20.00	ng/ul	-0.01
77) Chrysene-d12	21.17	240	196855	20.00	ng/ul	0.00
85) Perylene-d12	23.37	264	203791	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.13	96	3693	4.74	ng/uL	0.00
5) Phenol-d5	6.75	99	18301	6.08	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.90	67	46418	26.49	ng/ul	-0.01
9) 2-Chlorophenol-d4	7.08	132	55991	23.02	ng/ul	0.00
13) 4-Methylphenol-d8	8.26	113	37600	14.40	ng/ul	-0.01
19) Nitrobenzene-d5	8.72	128	34645	29.77	ng/ul	0.00
22) 2-Nitrophenol-d4	9.42	143	41758	30.82	ng/ul	-0.01
26) 2,4-Dichlorophenol-d3	9.96	165	75929	27.53	ng/ul	0.00
29) 4-Chloroaniline-d4	10.52	131	3815	1.14	ng/ul	0.02
43) Dimethylphthalate-d6	13.63	166	300427	30.72	ng/ul	0.00
46) Acenaphthylene-d8	13.89	160	315919	30.00	ng/ul	-0.01
51) 4-Nitrophenol-d4	14.50	143	6985m	4.82	ng/ul	0.03
57) Fluorene-d10	15.20	176	256821	31.67	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.37	200	41181	21.52	ng/ul	0.00
70) Anthracene-d10	17.06	188	435033	33.12	ng/ul	-0.01
78) Pyrene-d10	19.37	212	484640	47.37	ng/ul	-0.01
89) Benzo(a)pyrene-d12	23.23	264	375826	33.57	ng/ul	0.00

Target Compounds

					Ovalue
6) Phenol	6.77	94	22190	6.880	ng/ul 98
10) 2-Chlorophenol	7.11	128	52672	20.863	ng/ul 98
15) N-Nitroso-di-n-propylamine	8.35	70	57850	25.323	ng/ul 97
28) Naphthalene	10.36	128	537754	62.423	ng/ul 99
33) 4-Chloro-3-methylphenol	11.64	107	72123	23.380	ng/ul 100
40) 1,1'-Biphenyl	13.02	154	10276	1.137	ng/ul 99
44) Dimethylphthalate	13.67	163	11576	1.163	ng/ul 99
47) Acenaphthylene	13.92	152	28968	2.652	ng/ul 96
49) Acenaphthene	14.26	153	223270	28.795	ng/ul 99
52) 4-Nitrophenol	14.52	109	10406m	4.323	ng/ul
54) 2,4-Dinitrotoluene	14.62	165	80933	27.404	ng/ul 87
68) Pentachlorophenol	16.62	266	57830	24.201	ng/ul 98
69) Phenanthrene	17.00	178	31572	2.128	ng/ul 99
79) Pyrene	19.40	202	572675	44.945	ng/ul# 96

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

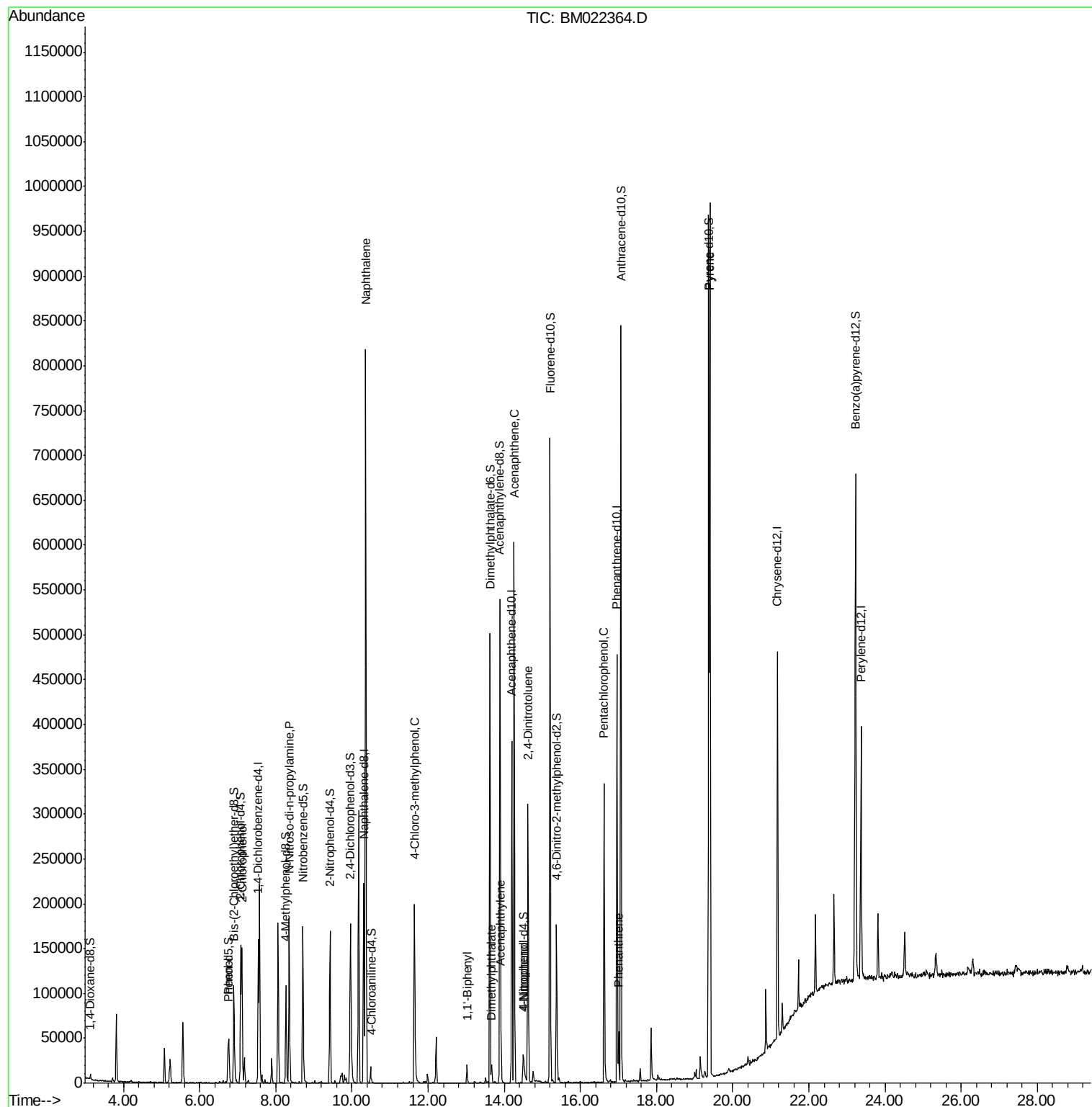
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082619\
Data File : BM022364.D
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Misc :
ALS Vial : 42 Sample Multiplier: 1

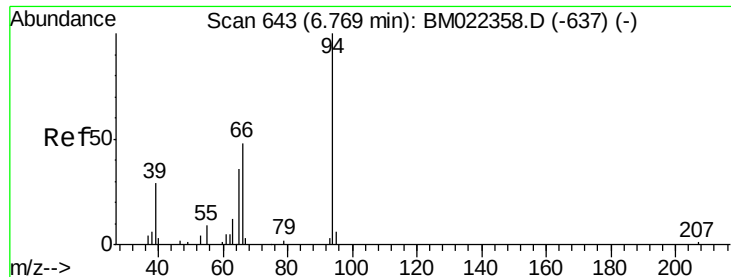
Instrument :
BNA_M
ClientSampleId :
ETJQ7MSD

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Quant Time: Aug 27 18:19:06 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Aug 27 17:04:34 2019
Response via : Initial Calibration





#6

Phenol

Concen: 6.880 ng/ul

RT: 6.77 min Scan# 643

Delta R.T. -0.01 min

Lab File: BM022364.D

Acq: 27 Aug 2019 12:30

Instrument :

BNA_M

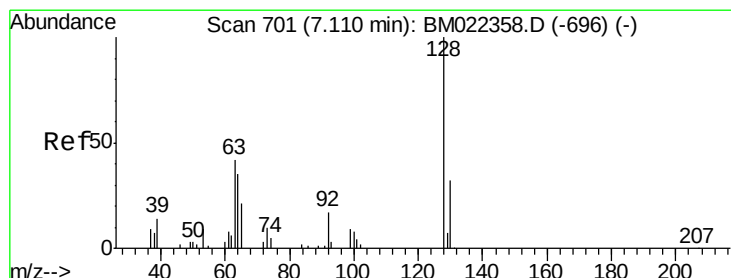
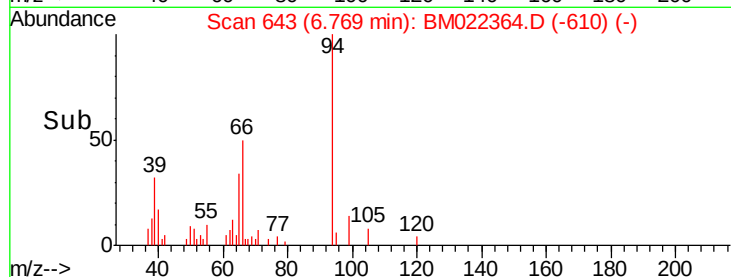
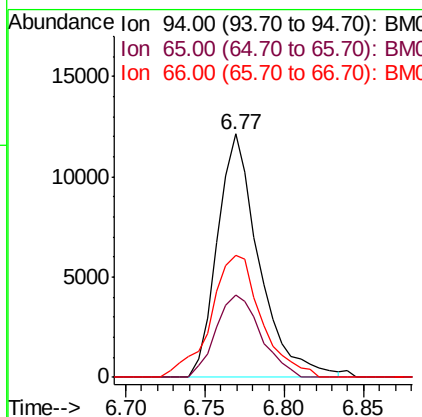
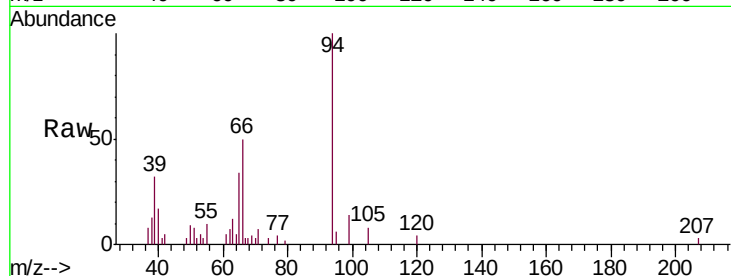
ClientSampleId :

ETJQ7MSD

Tot Ion:	94	Resp:	22190
Ion	Ratio	Lower	Upper
94	100		
65	34.0	29.2	43.8
66	50.3	40.6	60.8

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#10

2-Chlorophenol

Concen: 20.863 ng/ul

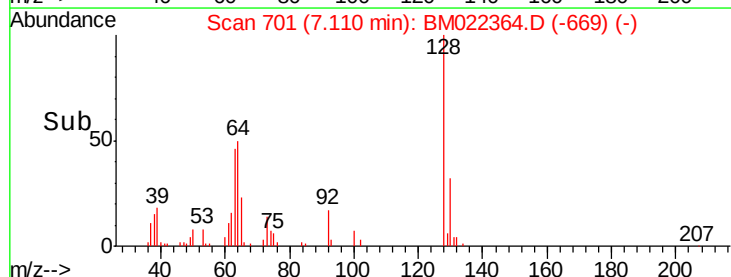
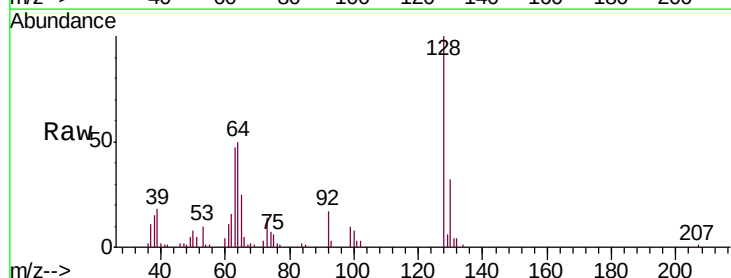
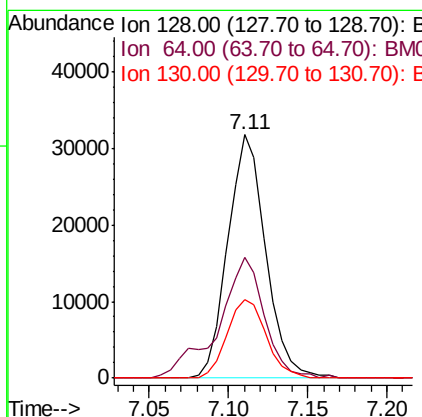
RT: 7.11 min Scan# 701

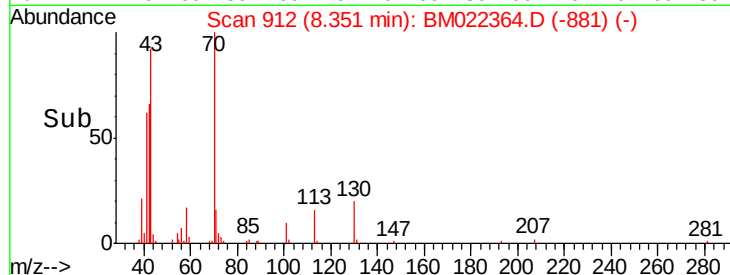
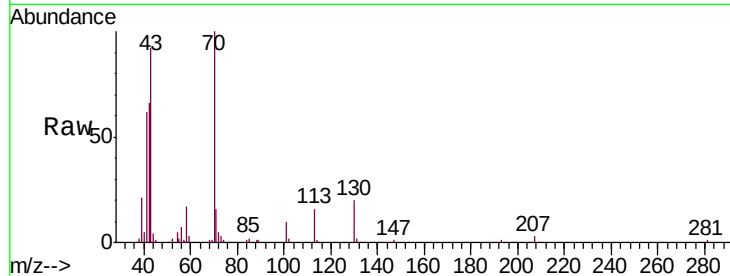
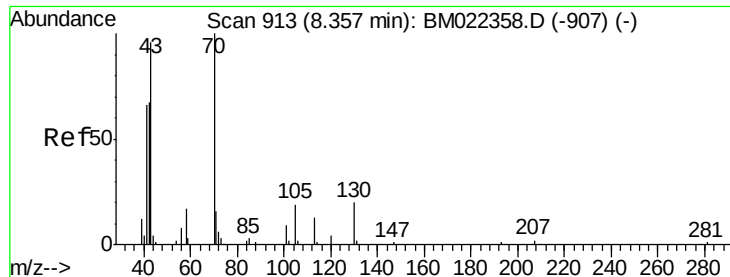
Delta R.T. -0.01 min

Lab File: BM022364.D

Acq: 27 Aug 2019 12:30

Tgt Ion:	128	Resp:	52672
Ion	Ratio	Lower	Upper
128	100		
64	49.7	38.6	57.8
130	32.5	27.0	40.6





#15

N-Nitroso-di-n-propylamine

Concen: 25.323 ng/ul

RT: 8.35 min Scan# 912

Delta R.T. -0.02 min

Lab File: BM022364.D

Acq: 27 Aug 2019 12:30

Instrument :

BNA_M

ClientSampleId :

ETJQ7MSD

Tot Ion: 70 Resp: 57850

Ion Ratio Lower Upper

70 100

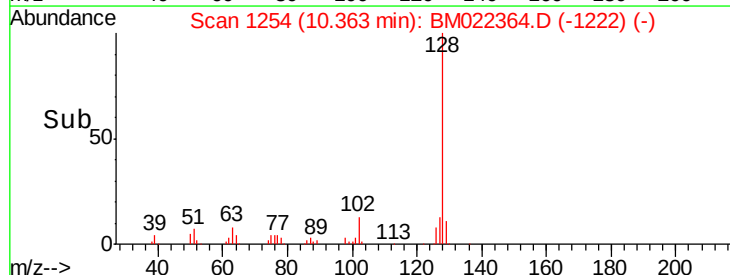
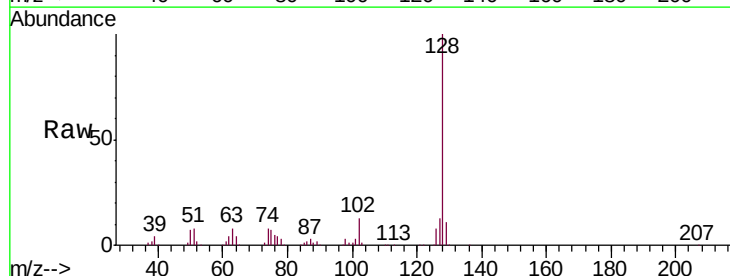
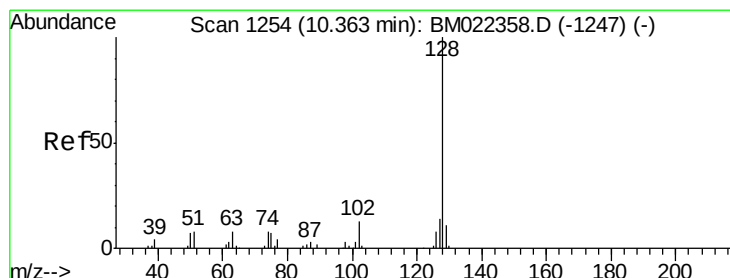
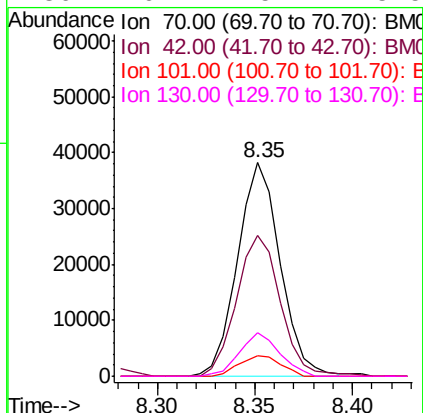
42 66.1 55.1 82.7

101 9.7 8.0 12.0

130 20.2 15.7 23.5

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#28

Naphthalene

Concen: 62.423 ng/ul

RT: 10.36 min Scan# 1254

Delta R.T. -0.01 min

Lab File: BM022364.D

Acq: 27 Aug 2019 12:30

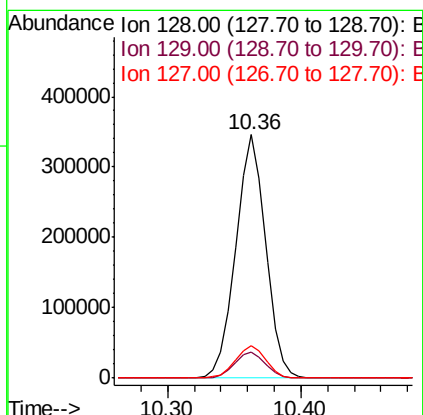
Tgt Ion: 128 Resp: 537754

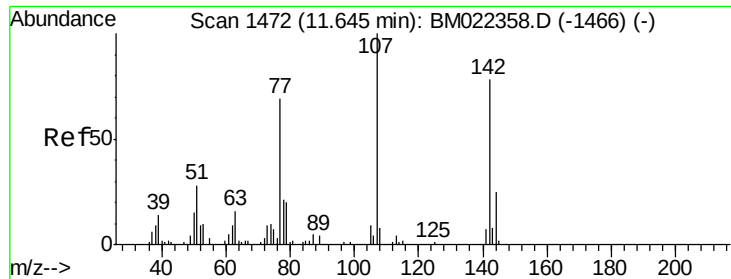
Ion Ratio Lower Upper

128 100

129 10.8 8.6 13.0

127 13.4 10.4 15.6





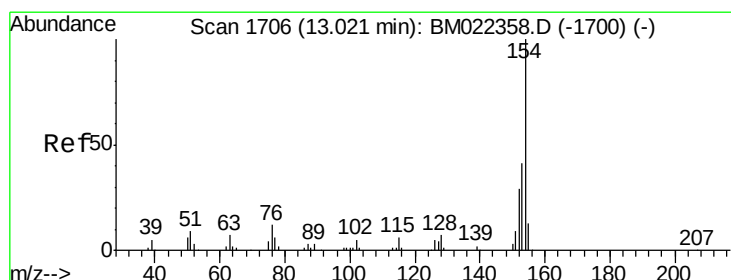
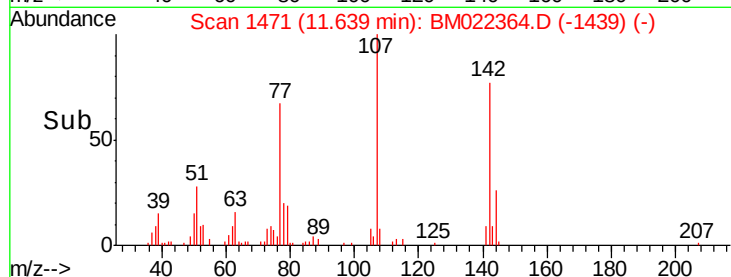
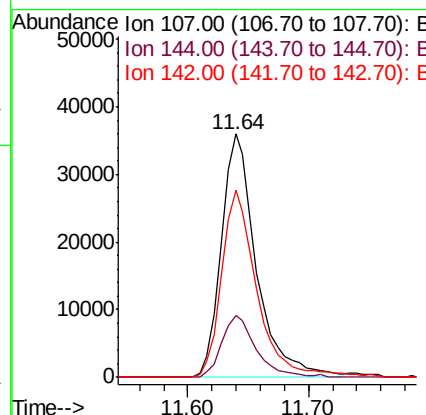
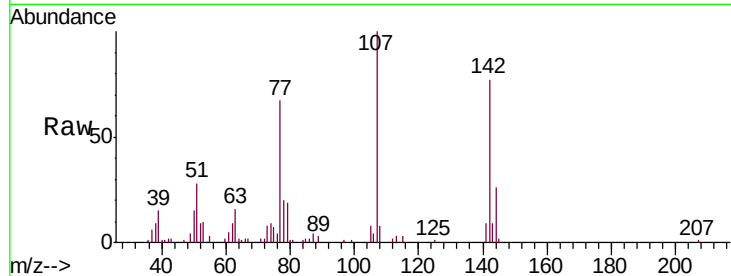
#33
 4-Chloro-3-methylphenol
 Concen: 23.380 ng/ul
 RT: 11.64 min Scan# 1471
 Delta R.T. -0.01 min
 Lab File: BM022364.D
 Acq: 27 Aug 2019 12:30

Instrument :
 BNA_M
 ClientSampleId :
 ETJQ7MSD

Tot Ion	Ratio	Lower	Upper
107	100		
144	25.6	19.8	29.8
142	76.9	61.5	92.3

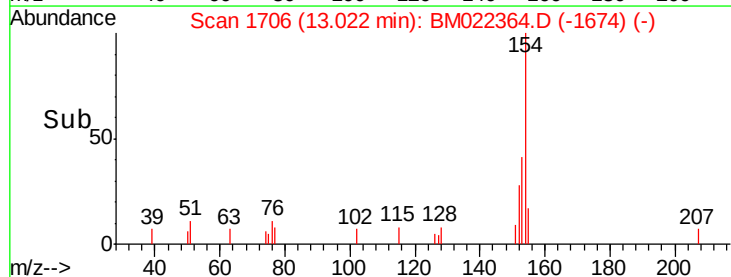
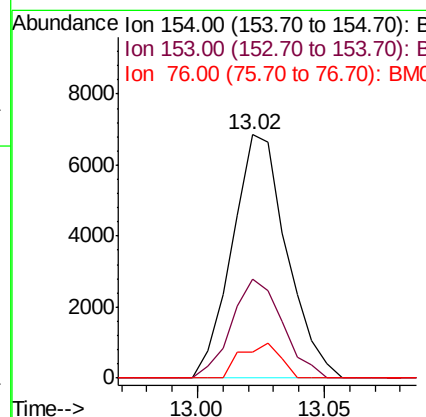
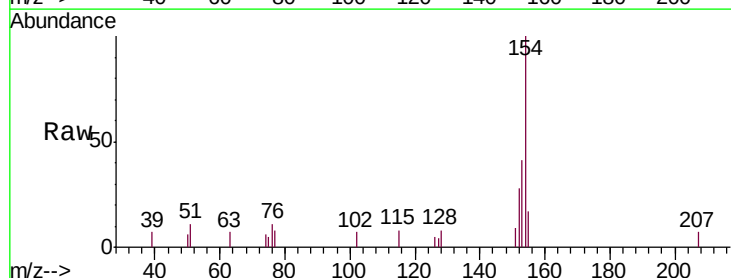
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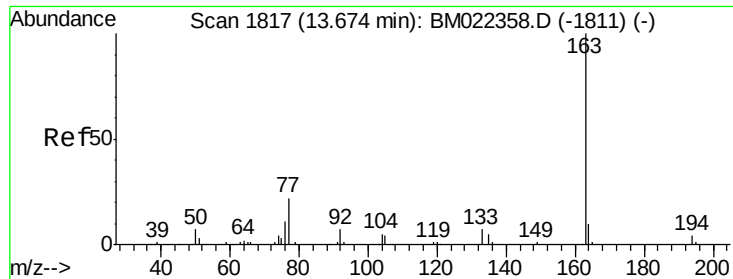
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#40
 1,1'-Biphenyl
 Concen: 1.137 ng/ul
 RT: 13.02 min Scan# 1706
 Delta R.T. -0.01 min
 Lab File: BM022364.D
 Acq: 27 Aug 2019 12:30

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.9	32.5	48.7
76	10.5	9.2	13.8





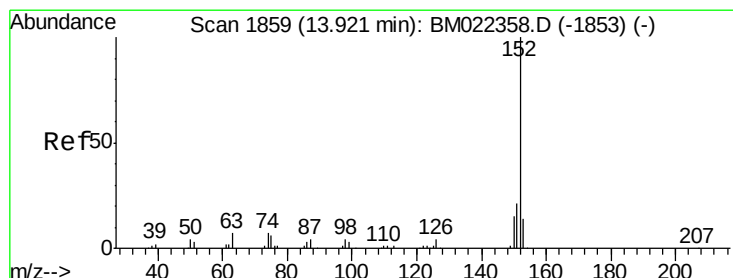
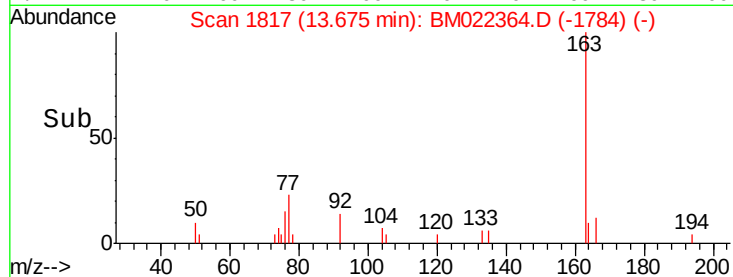
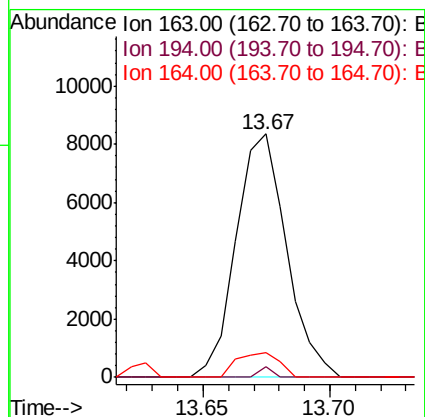
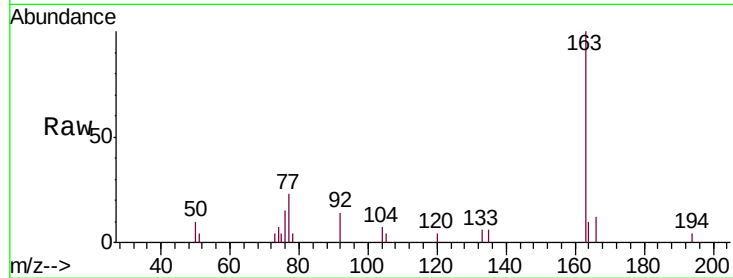
#44
Dimethylphthalate
Concen: 1.163 ng/ul
RT: 13.67 min Scan# 1817
Delta R.T. -0.01 min
Lab File: BM022364.D
Acq: 27 Aug 2019 12:30

Instrument :
BNA_M
ClientSampleId :
ETJQ7MSD

Tot Ion:	163	Resp:	11576
Ion Ratio	Lower	Upper	
163	100		
194	4.1	3.0	4.6
164	10.4	7.8	11.8

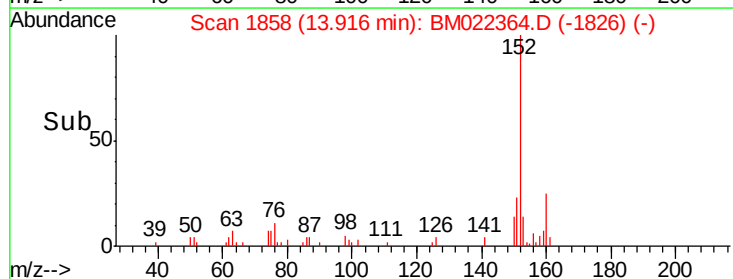
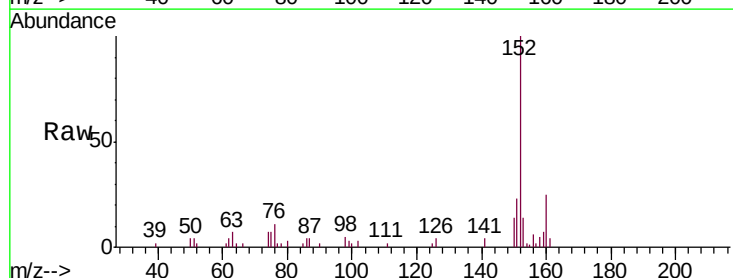
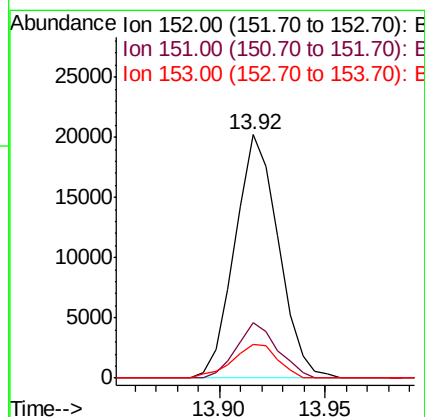
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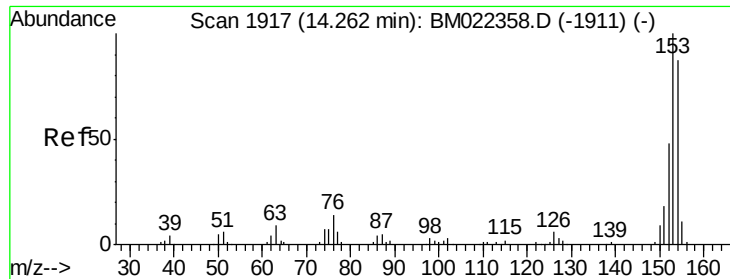
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#47
Acenaphthylene
Concen: 2.652 ng/ul
RT: 13.92 min Scan# 1858
Delta R.T. -0.01 min
Lab File: BM022364.D
Acq: 27 Aug 2019 12:30

Tgt Ion:	152	Resp:	28968
Ion Ratio	Lower	Upper	
152	100		
151	22.6	16.0	24.0
153	13.6	10.4	15.6





#49

Acenaphthene

Concen: 28.795 ng/ul

RT: 14.26 min Scan# 1917

Delta R.T. -0.01 min

Lab File: BM022364.D

Acq: 27 Aug 2019 12:30

Instrument :

BNA_M

ClientSampleId :

ETJQ7MSD

Tot Ion:153 Resp: 223270

Ion Ratio Lower Upper

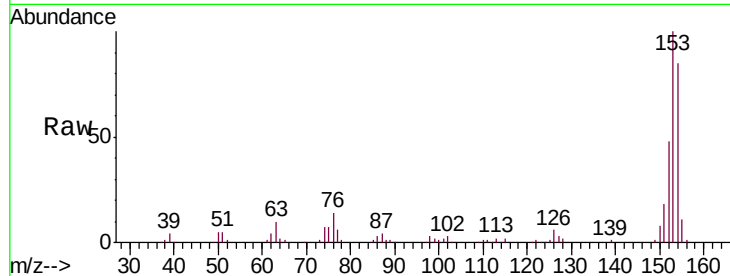
153 100

152 48.2 38.6 58.0

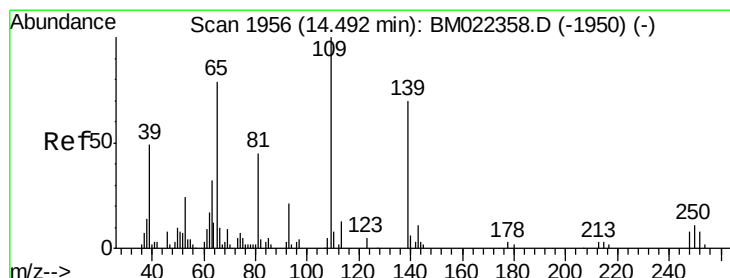
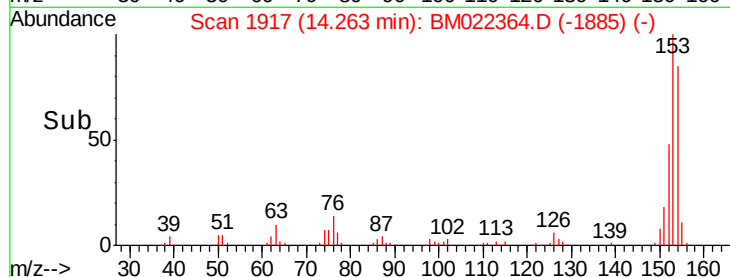
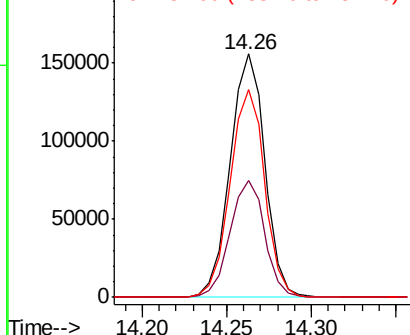
154 85.3 68.9 103.3

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Abundance Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E
Ion 154.00 (153.70 to 154.70): E



#52

4-Nitrophenol

Concen: 4.323 ng/ul m

RT: 14.52 min Scan# 1960

Delta R.T. 0.03 min

Lab File: BM022364.D

Acq: 27 Aug 2019 12:30

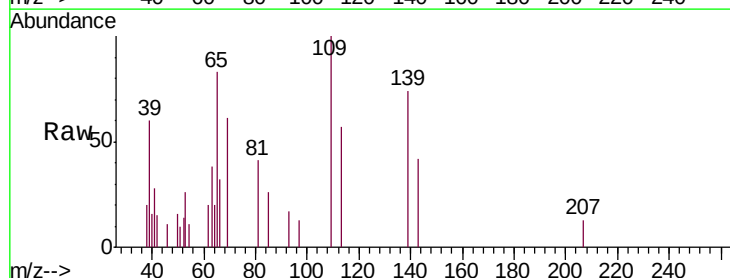
Tgt Ion:109 Resp: 10406

Ion Ratio Lower Upper

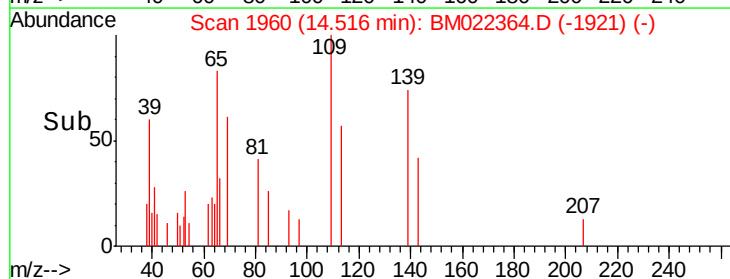
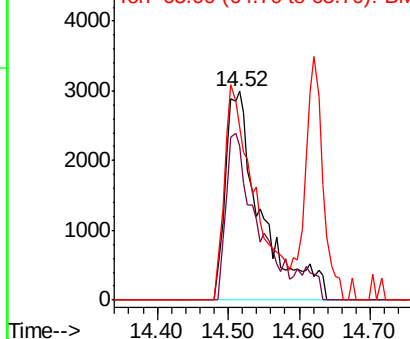
109 100

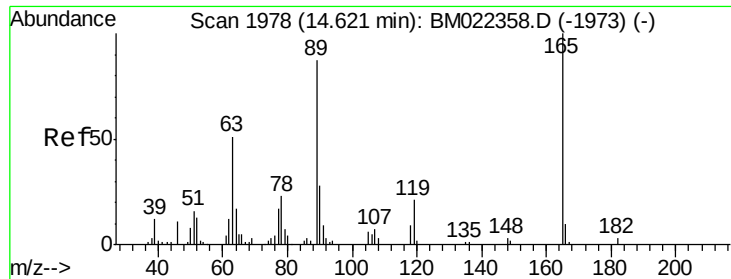
139 73.9 61.0 91.4

65 83.4 73.4 110.2



Abundance Ion 109.00 (108.70 to 109.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 65.00 (64.70 to 65.70): E





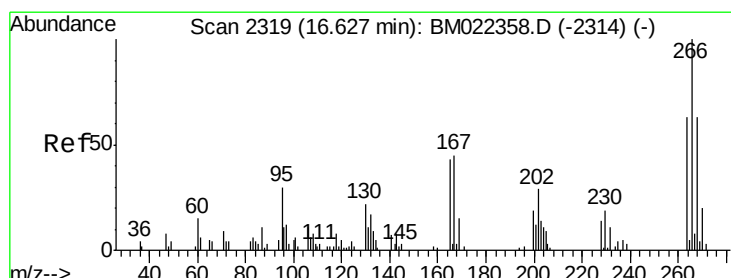
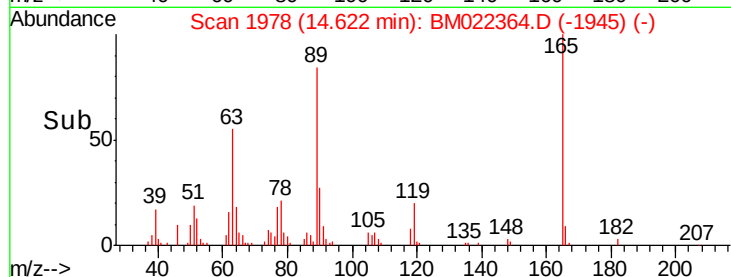
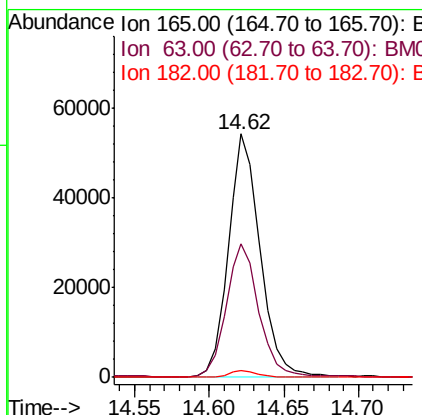
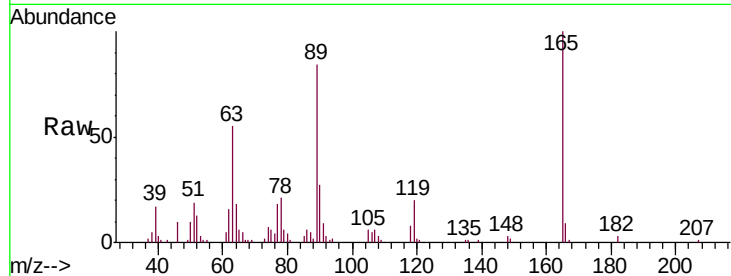
#54
 2,4-Dinitrotoluene
 Concen: 27.404 ng/ul
 RT: 14.62 min Scan# 1978
 Delta R.T. -0.01 min
 Lab File: BM022364.D
 Acq: 27 Aug 2019 12:30

Instrument :
 BNA_M
 ClientSampleId :
 ETJQ7MSD

Tot Ion	Ratio	Lower	Upper
165	100		
63	54.9	52.4	78.6
182	2.7	2.2	3.4

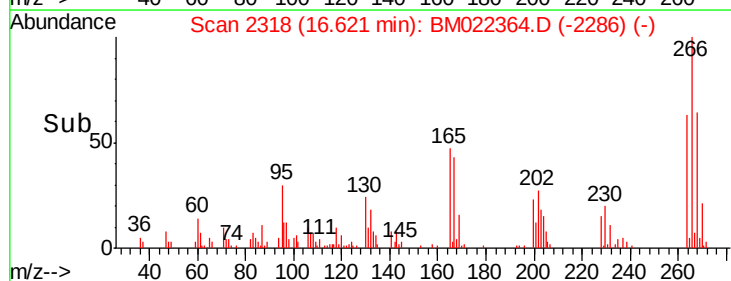
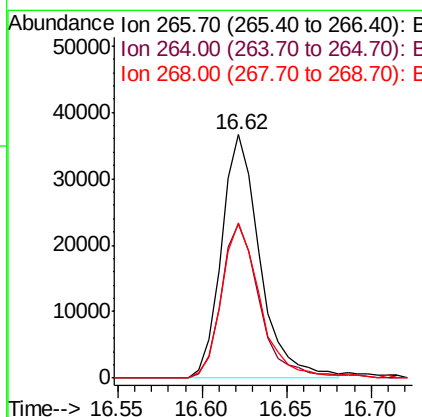
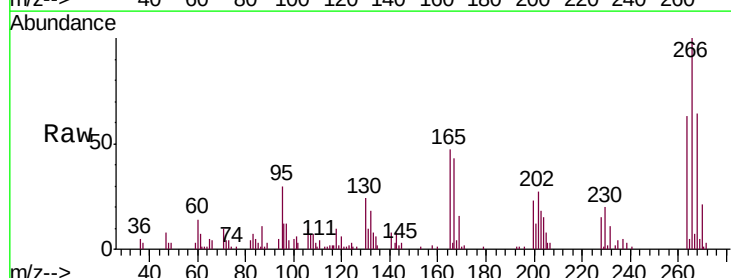
Manual Integrations
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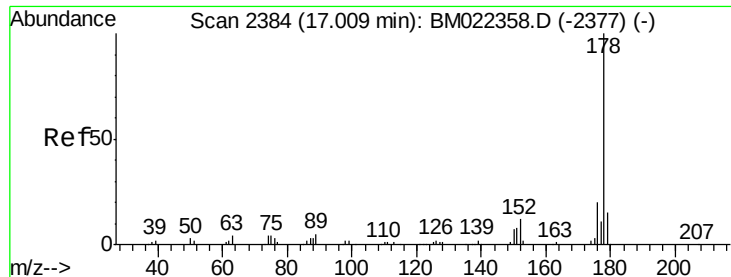
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#68
 Pentachlorophenol
 Concen: 24.201 ng/ul
 RT: 16.62 min Scan# 2318
 Delta R.T. -0.01 min
 Lab File: BM022364.D
 Acq: 27 Aug 2019 12:30

Tgt Ion	Ratio	Lower	Upper
266	100		
264	63.5	51.3	76.9
268	63.8	49.4	74.2





#69

Phenanthrene

Concen: 2.128 ng/ul

RT: 17.00 min Scan# 2383

Delta R.T. -0.01 min

Lab File: BM022364.D

Acq: 27 Aug 2019 12:30

Instrument :

BNA_M

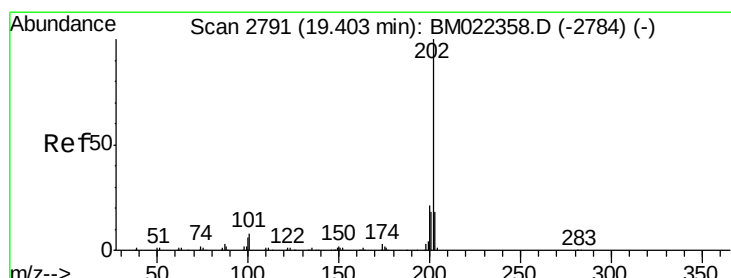
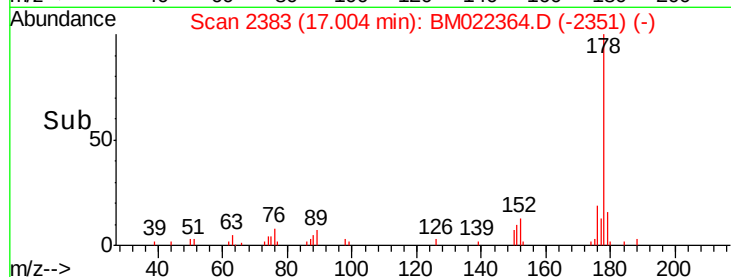
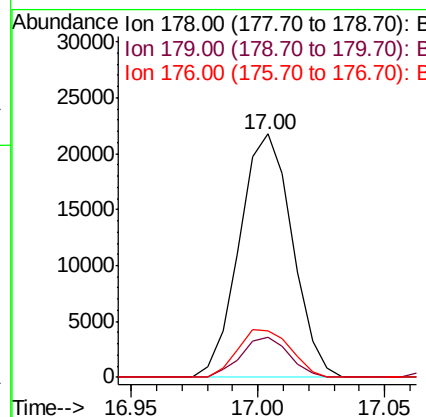
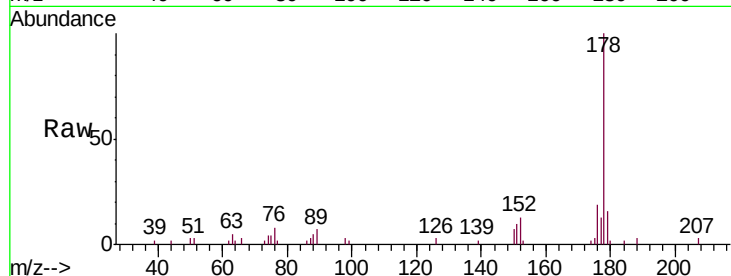
ClientSampleId :

ETJQ7MSD

Tot Ion:178	Resp:	31572
Ion Ratio	Lower	Upper
178 100		
179 16.4	12.4	18.6
176 19.3	15.4	23.0

Manual Integrations
APPROVED

mohammad
8/28/2019 11:32:20 PM



#79

Pyrene

Concen: 44.945 ng/ul

RT: 19.40 min Scan# 2791

Delta R.T. -0.01 min

Lab File: BM022364.D

Acq: 27 Aug 2019 12:30

Tgt Ion:202	Resp:	572675
Ion Ratio	Lower	Upper
202 100		
101 6.8	7.0	10.4#
100 6.2	5.8	8.8

