

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN081720\
 Data File : BN011479.D
 Acq On : 18 Aug 2020 09:40
 Operator : CG/JU
 Sample : L3668-07
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DBFT1

Manual Integrations
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Quant Time: Aug 18 11:29:08 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN081420MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Aug 18 11:09:24 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.43	152	157741	20.00	ng/ul	0.00
18) Naphthalene-d8	10.19	136	563139	20.00	ng/ul	0.01
36) Acenaphthene-d10	14.06	164	361721	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.82	188	727447	20.00	ng/ul	0.00
78) Chrysene-d12	21.04	240	805995	20.00	ng/ul	0.00
86) Perylene-d12	23.16	264	735291	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.11	96	17038	5.18	ng/uL	0.00
5) Phenol-d5	6.63	99	70989	6.36	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.79	67	170484	29.98	ng/ul	0.00
9) 2-Chlorophenol-d4	6.98	132	236343	23.64	ng/ul	0.00
13) 4-Methylphenol-d8	8.14	113	131997	14.57	ng/ul	0.00
19) Nitrobenzene-d5	8.57	128	136091	31.18	ng/ul	0.00
22) 2-Nitrophenol-d4	9.28	143	149772	30.51	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.82	165	257967	27.81	ng/ul	0.00
29) 4-Chloroaniline-d4	10.33	131	33344	3.01	ng/ul	0.00
44) Dimethylphthalate-d6	13.49	166	901919	32.02	ng/ul	0.00
47) Acenaphthylene-d8	13.75	160	1022867	30.18	ng/ul	0.00
52) 4-Nitrophenol-d4	14.30	143	24064	5.04	ng/ul	0.00
58) Fluorene-d10	15.07	176	840491	34.09	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.20	200	152604	31.63	ng/ul	0.00
71) Anthracene-d10	16.92	188	1235550	35.56	ng/ul	0.00
79) Pyrene-d10	19.23	212	1396104	33.72	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.03	264	1501166	36.76	ng/ul	0.00

Target Compounds

					Ovalue	
28) Naphthalene	10.24	128	26233575m	834.743	ng/ul	
34) 2-Methylnaphthalene	11.85	142	2076600	96.397	ng/ul	97
40) 2,4,5-Trichlorophenol	12.55	196	16665	2.071	ng/ul	86
41) 1,1'-Biphenyl	12.89	154	567158	19.536	ng/ul	99
45) Dimethylphthalate	13.54	163	117541	4.066	ng/ul	97
48) Acenaphthylene	13.78	152	145679	4.149	ng/ul#	92
50) Acenaphthene	14.13	153	1354191	55.103	ng/ul	96
54) Dibenzofuran	14.47	168	1777723	49.878	ng/ul	98
56) 2,3,4,6-Tetrachlorophenol	14.71	232	61795m	9.199	ng/ul	
59) Fluorene	15.13	166	925002	32.200	ng/ul	99
69) Pentachlorophenol	16.48	266	156213	29.589	ng/ul#	79
70) Phenanthrene	16.86	178	888998	20.604	ng/ul	98
72) Anthracene	16.96	178	72298	1.654	ng/ul	98
75) Carbazole	17.24	167	4668232	127.021	ng/ul	99

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

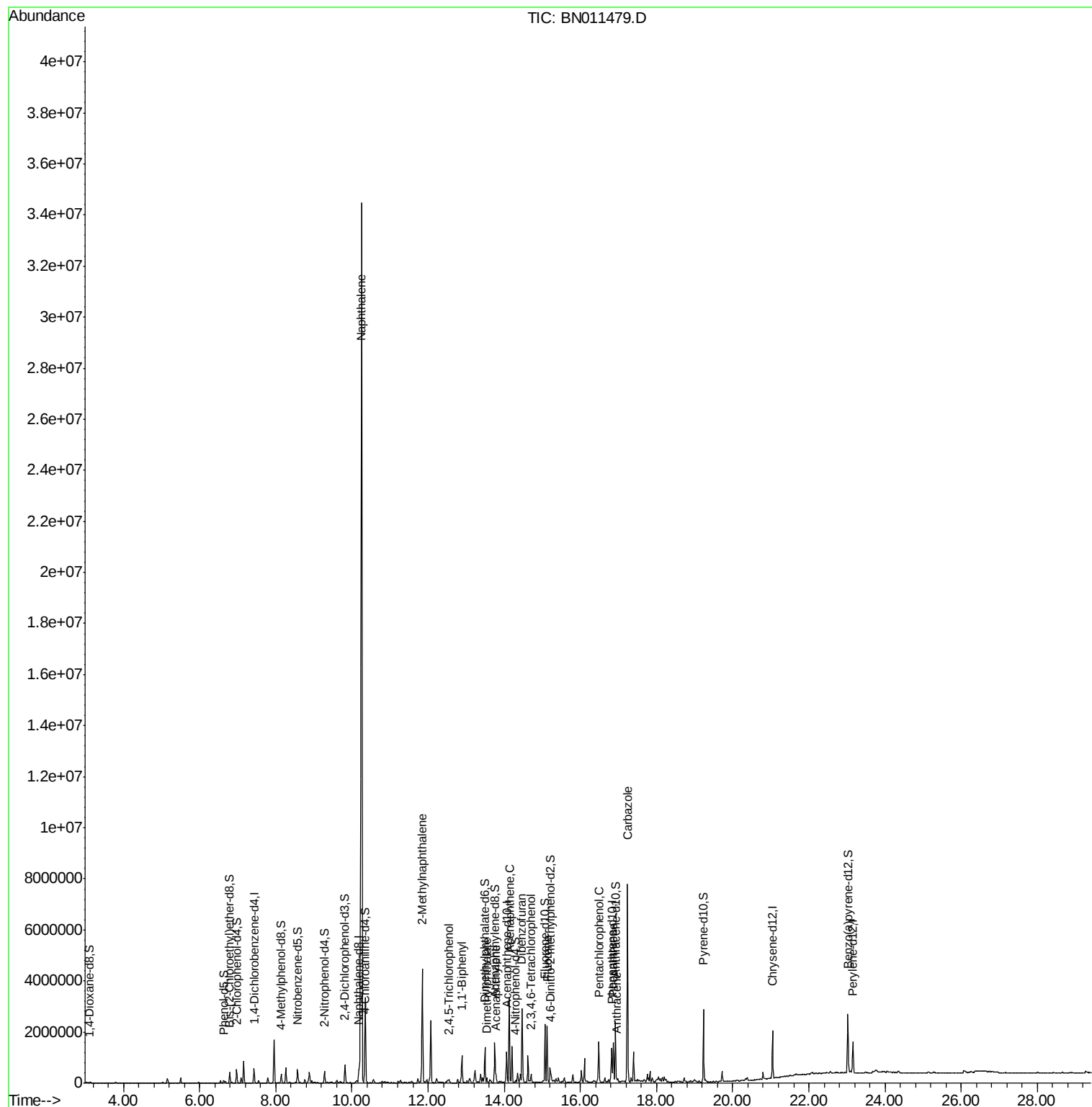
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN081720\
Data File : BN011479.D
Acq On : 18 Aug 2020 09:40
Operator : CG/JU
Sample : L3668-07
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ALS Vial : 32 Sample Multiplier: 1

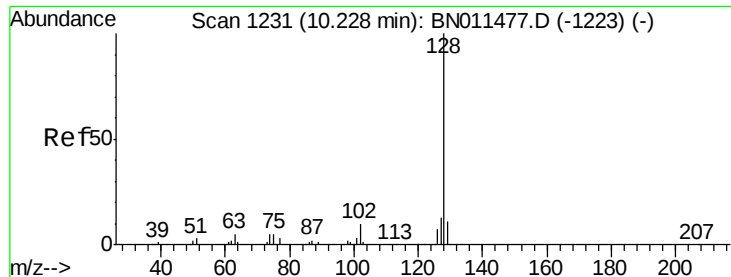
Instrument :
BNA_N
ClientSampleId :
DBFT1

Quant Time: Aug 18 11:29:08 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN081420MA.M
Quant Title : SVOA CALIBRATION
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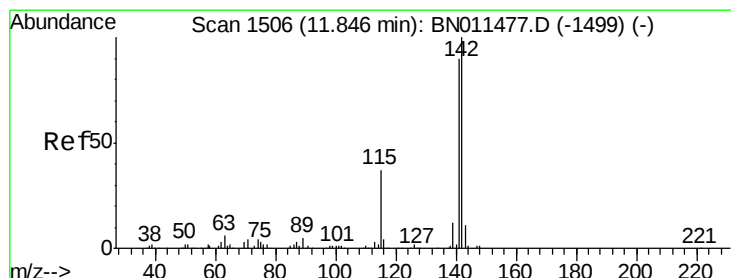
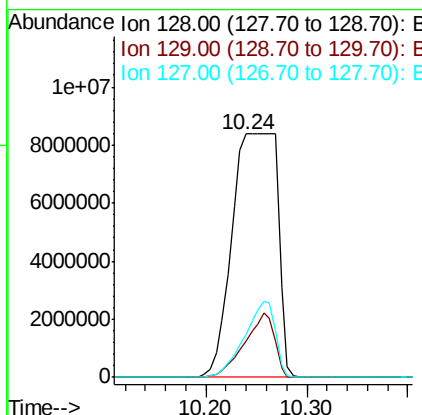
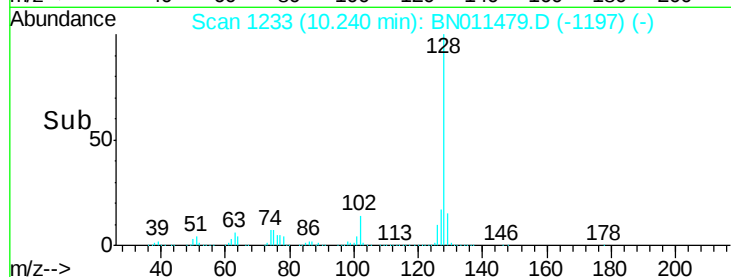
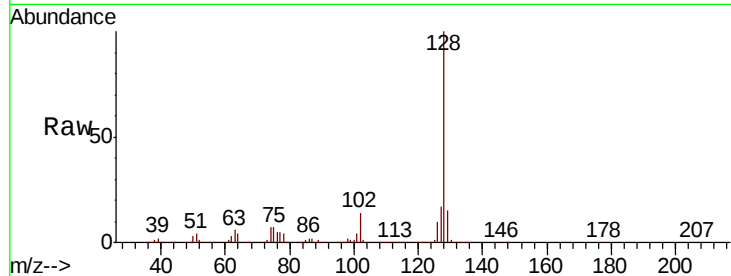
#28
Naphthalene
Concen: 834.743 ng/ul m
RT: 10.24 min Scan# 1233
Delta R.T. 0.01 min
Lab File: BN011479.D
Acq: 18 Aug 2020 09:40

Instrument :
BNA_N
ClientSampled :
DBFT1

Tot Ion:128 Resp:26233575
Ion Ratio Lower Upper
128 100
129 14.8 8.9 13.3#
127 17.4 10.2 15.2#

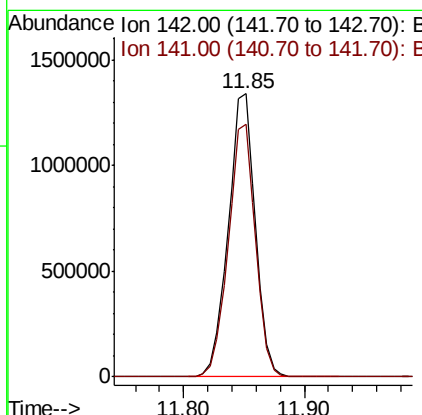
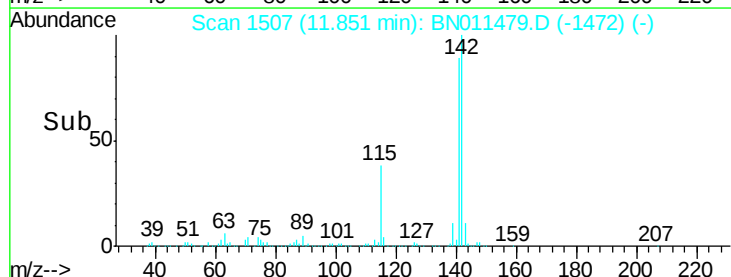
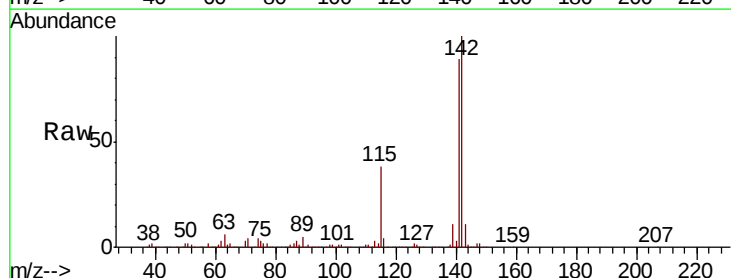
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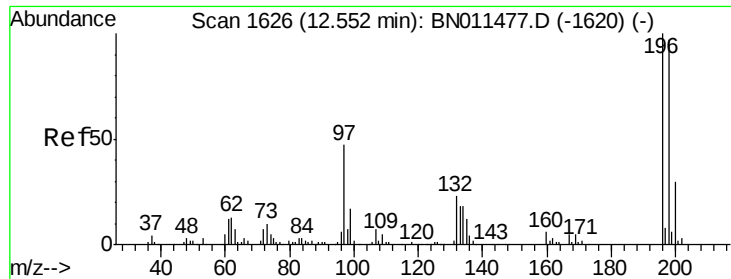
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#34
2-Methylnaphthalene
Concen: 96.397 ng/ul
RT: 11.85 min Scan# 1507
Delta R.T. 0.01 min
Lab File: BN011479.D
Acq: 18 Aug 2020 09:40

Tgt Ion:142 Resp: 2076600
Ion Ratio Lower Upper
142 100
141 89.1 73.2 109.8





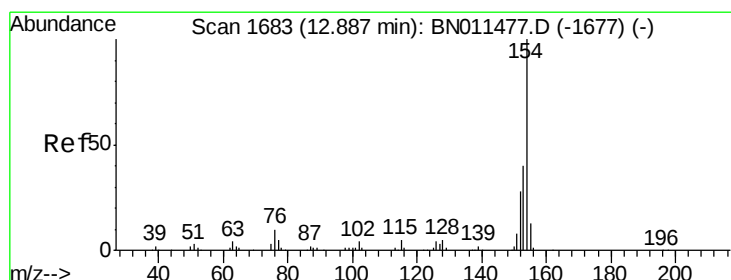
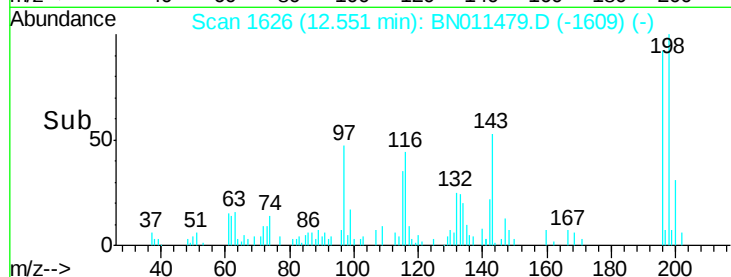
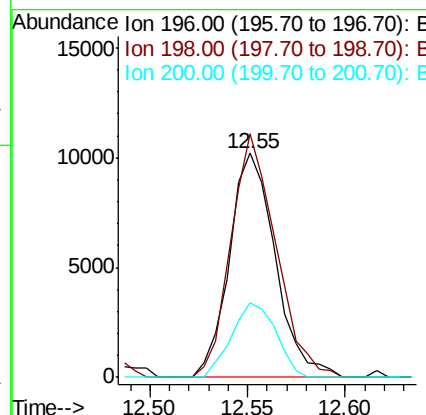
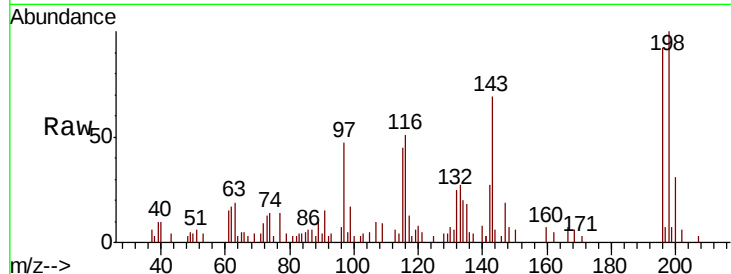
#40
 2,4,5-Trichlorophenol
 Concen: 2.071 ng/ul
 RT: 12.55 min Scan# 1626
 Delta R.T. -0.00 min
 Lab File: BN011479.D
 Acq: 18 Aug 2020 09:40

Instrument :
 BNA_N
 ClientSampled :
 DBFT1

Tot Ion	Ratio	Resp	Lower	Upper
196	100	16665		
198	108.8	74.3	111.5	
200	33.6	23.8	35.6	

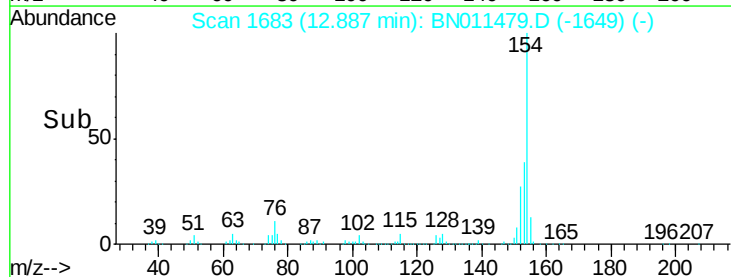
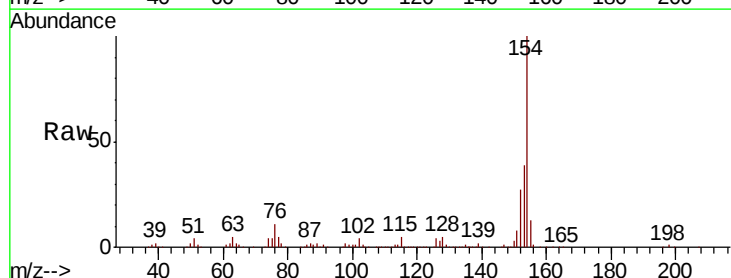
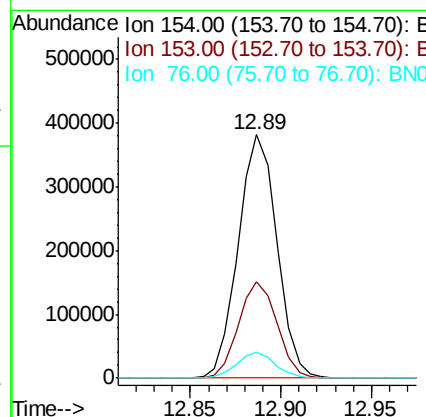
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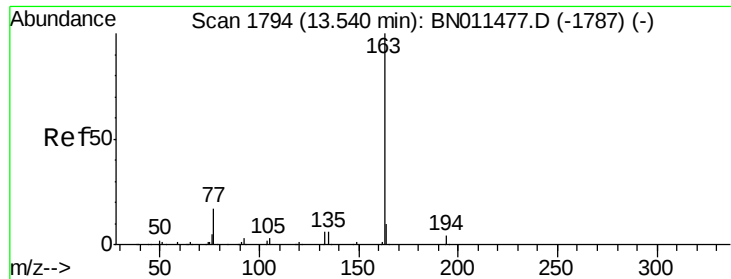
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#41
 1,1'-Biphenyl
 Concen: 19.536 ng/ul
 RT: 12.89 min Scan# 1683
 Delta R.T. -0.00 min
 Lab File: BN011479.D
 Acq: 18 Aug 2020 09:40

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	567158		
153	39.4	32.3	48.5	
76	10.8	8.5	12.7	





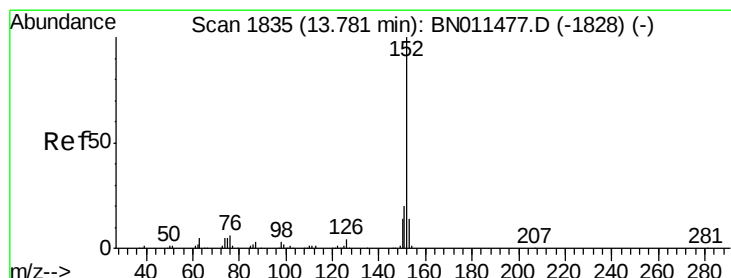
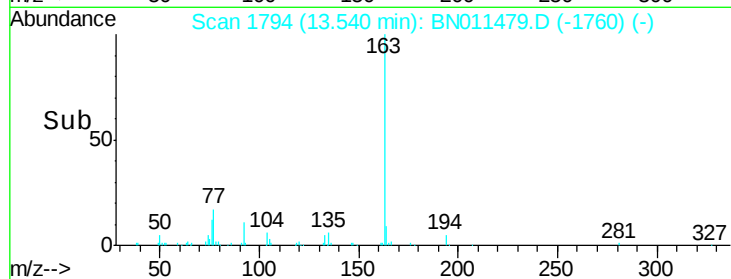
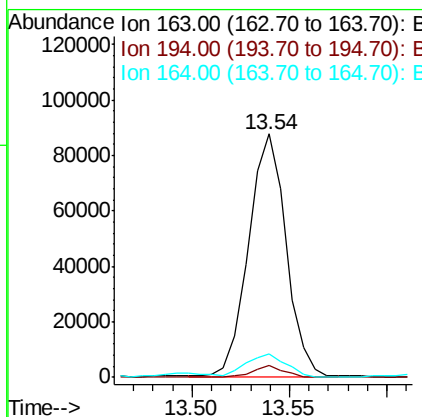
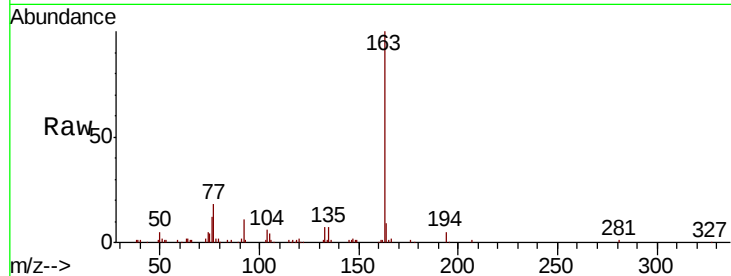
#45
Dimethylphthalate
Concen: 4.066 ng/ul
RT: 13.54 min Scan# 1794
Delta R.T. -0.00 min
Lab File: BN011479.D
Acq: 18 Aug 2020 09:40

Instrument :
BNA_N
ClientSampleId :
DBFT1

Tot Ion	Ion	Ratio	Resp	Lower	Upper
163	100		117541		
194	4.8		3.8	5.6	
164	9.4		8.7	13.1	

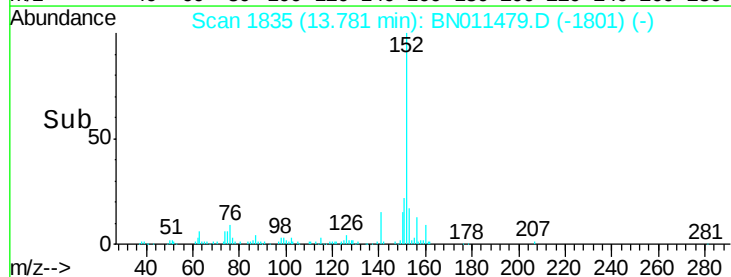
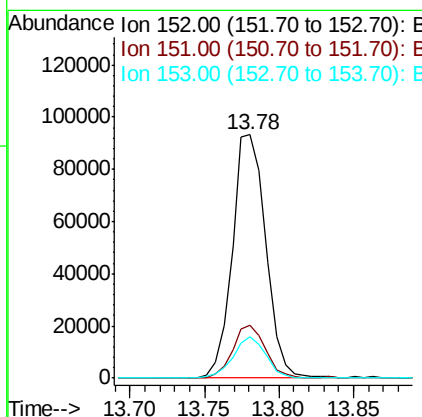
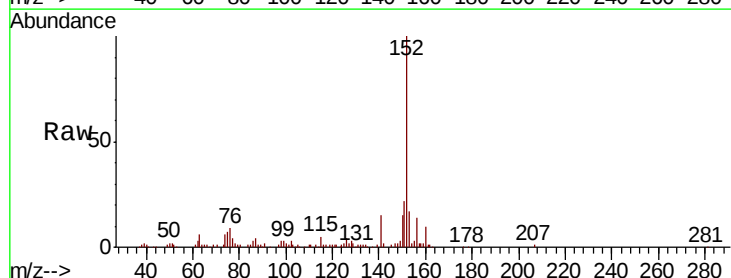
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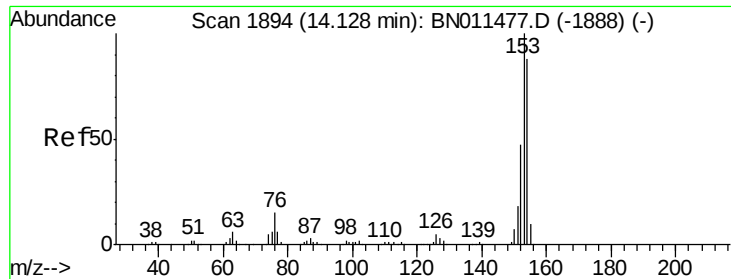
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#48
Acenaphthylene
Concen: 4.149 ng/ul
RT: 13.78 min Scan# 1835
Delta R.T. -0.00 min
Lab File: BN011479.D
Acq: 18 Aug 2020 09:40

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
152	100		145679		
151	21.6		15.4	23.2	
153	17.2		9.9	14.9	





#50

Acenaphthene

Concen: 55.103 ng/ul

RT: 14.13 min Scan# 1895

Delta R.T. 0.01 min

Lab File: BN011479.D

Acq: 18 Aug 2020 09:40

Instrument :

BNA_N

ClientSampleId :

DBFT1

Tot Ion:153 Resp: 1354191

Ion Ratio Lower Upper

153 100

152 46.2 37.6 56.4

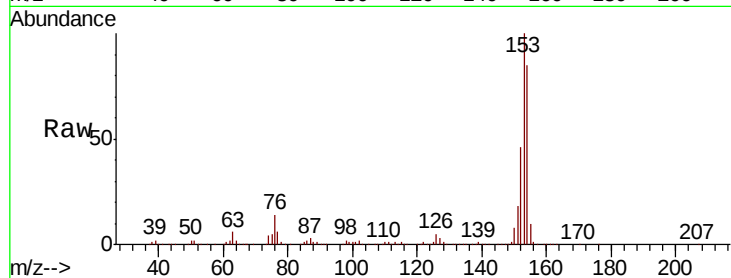
154 84.6 72.0 108.0

Manual Integrations

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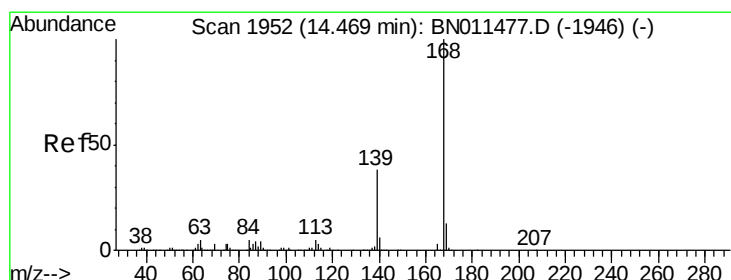
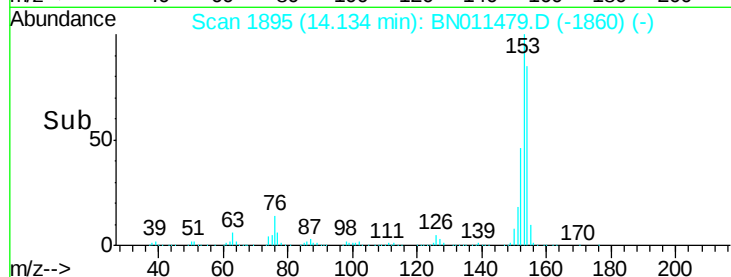
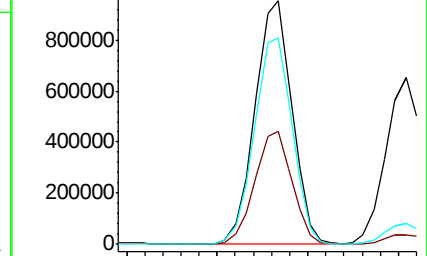
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Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E



#54

Dibenzofuran

Concen: 49.878 ng/ul

RT: 14.47 min Scan# 1952

Delta R.T. -0.00 min

Lab File: BN011479.D

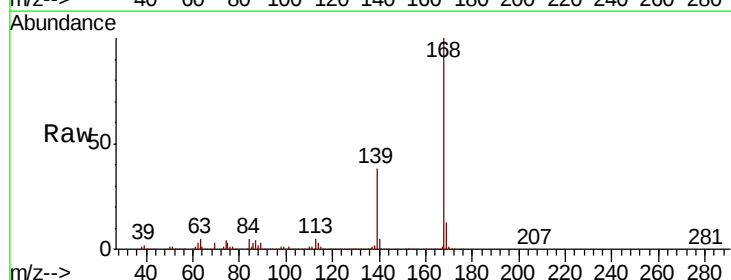
Acq: 18 Aug 2020 09:40

Tgt Ion:168 Resp: 1777723

Ion Ratio Lower Upper

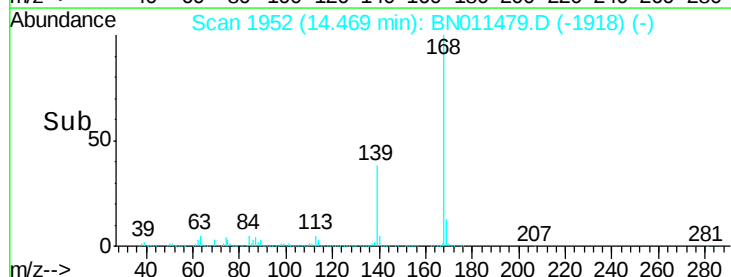
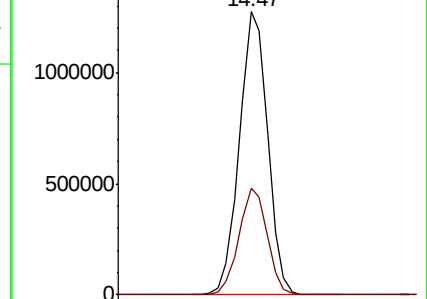
168 100

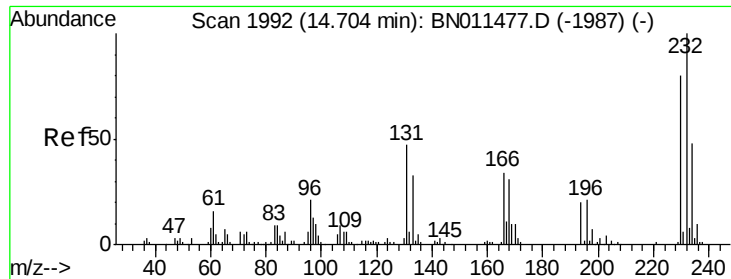
139 37.7 31.1 46.7



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E





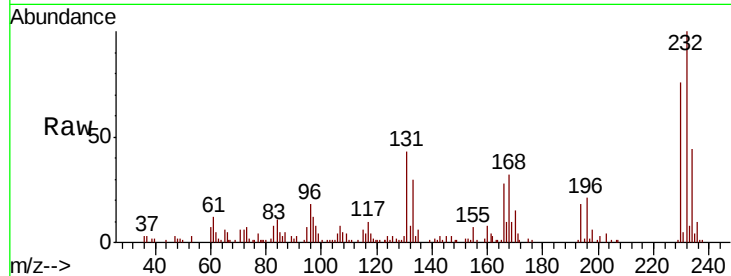
#56
 2,3,4,6-Tetrachlorophenol
 Concen: 9.199 ng/ul m
 RT: 14.71 min Scan# 1993
 Delta R.T. 0.01 min
 Lab File: BN011479.D
 Acq: 18 Aug 2020 09:40

Instrument :
 BNA_N
 ClientSampleId :
 DBFT1

Tot Ion:	232	Resp:	61795
Ion Ratio	Lower	Upper	
232	100		
131	43.3	35.8	53.6
130	3.3	2.2	3.2
166	28.1	24.1	36.1

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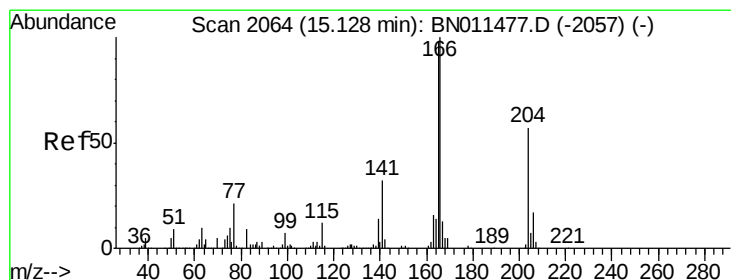
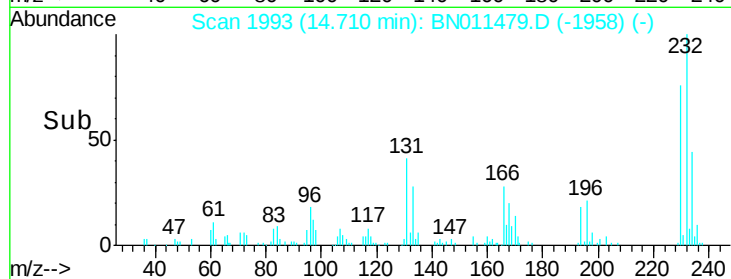
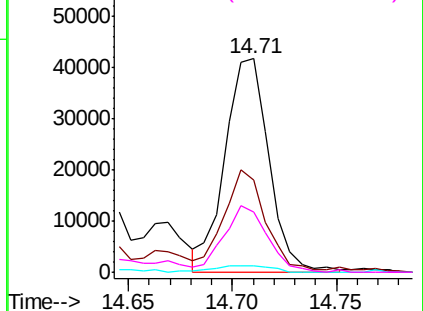
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#59
 Fluorene
 Concen: 32.200 ng/ul
 RT: 15.13 min Scan# 2064
 Delta R.T. -0.00 min
 Lab File: BN011479.D
 Acq: 18 Aug 2020 09:40

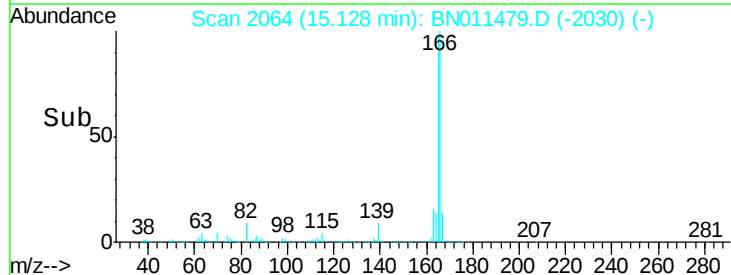
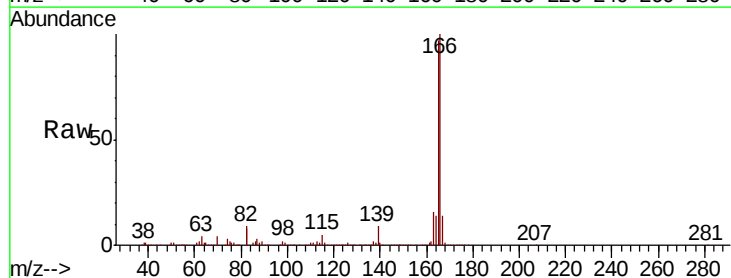
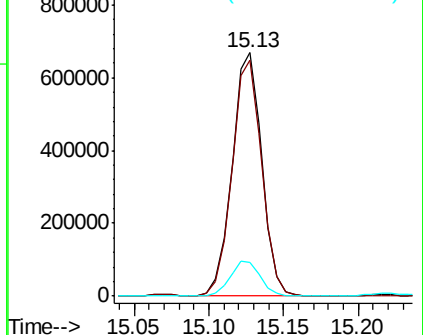
Tgt Ion:	166	Resp:	925002
Ion Ratio	Lower	Upper	
166	100		
165	97.1	78.0	117.0
167	13.9	11.9	17.9

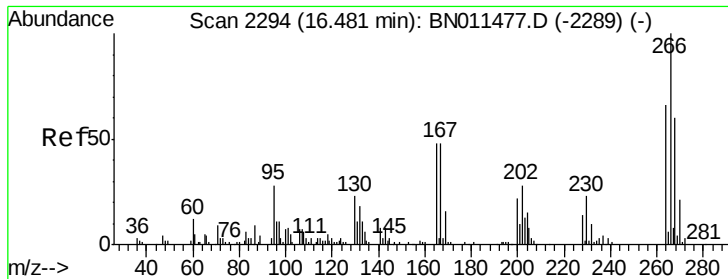
Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





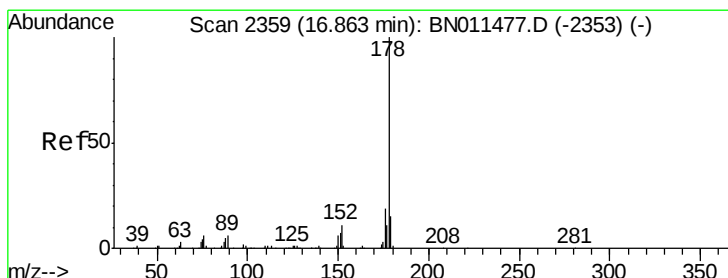
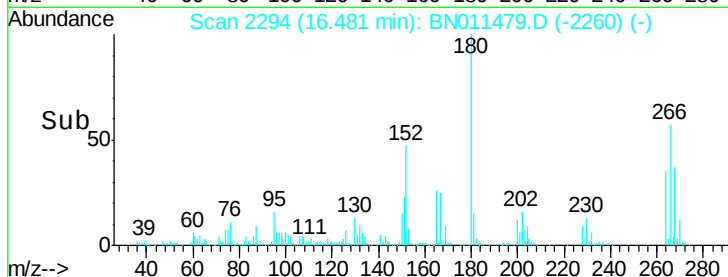
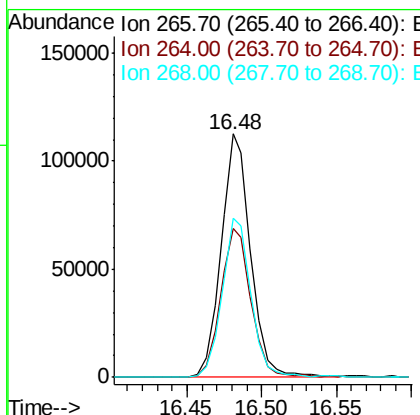
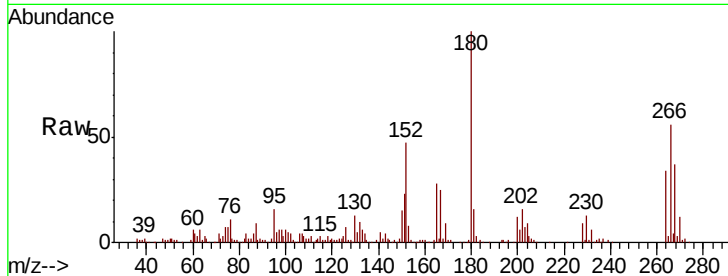
#69
 Pentachlorophenol
 Concen: 29.589 ng/ul
 RT: 16.48 min Scan# 2294
 Delta R.T. -0.00 min
 Lab File: BN011479.D
 Acq: 18 Aug 2020 09:40

Instrument :
 BNA_N
 ClientSampled :
 DBFT1

Tot Ion	Ratio	Resp	Lower	Upper
266	100	156213		
264	61.4	67.9	101.9#	
268	65.6	63.4	95.2	

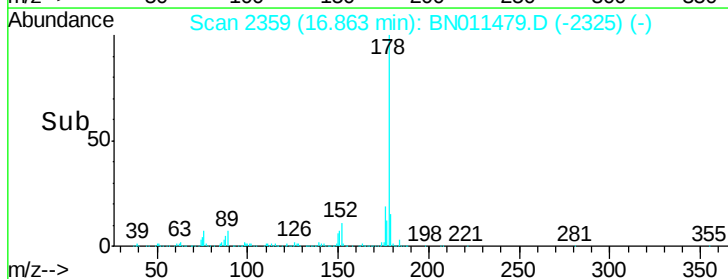
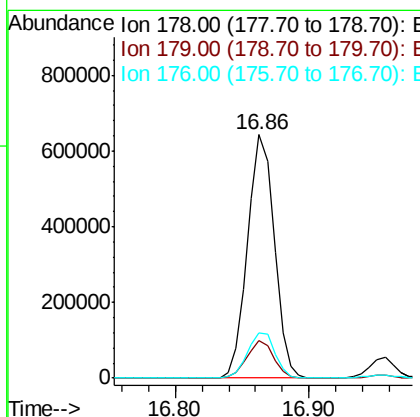
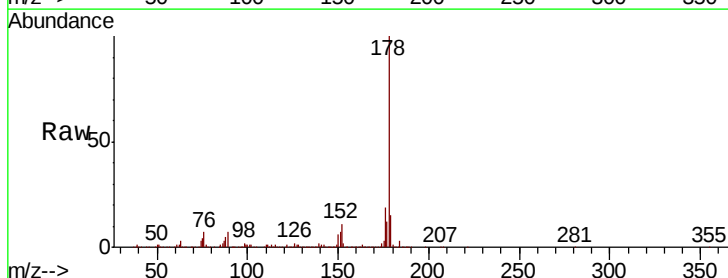
Manual Integrations
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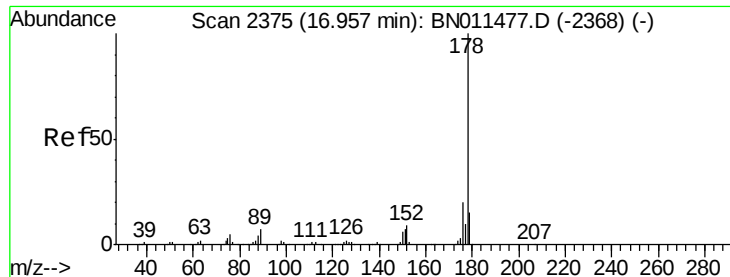
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#70
 Phenanthrene
 Concen: 20.604 ng/ul
 RT: 16.86 min Scan# 2359
 Delta R.T. -0.00 min
 Lab File: BN011479.D
 Acq: 18 Aug 2020 09:40

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	888998		
179	15.4	13.1	19.7	
176	18.5	15.7	23.5	





#72

Anthracene

Concen: 1.654 ng/ul

RT: 16.96 min Scan# 2375

Delta R.T. -0.00 min

Lab File: BN011479.D

Acq: 18 Aug 2020 09:40

Instrument :

BNA_N

ClientSampleId :

DBFT1

Tot Ion:178 Resp: 72298

Ion Ratio Lower Upper

178 100

179 15.5 13.0 19.4

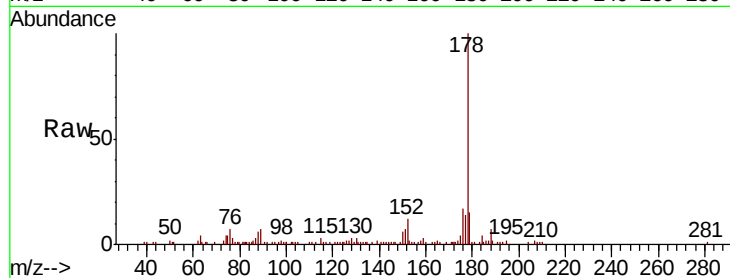
176 17.0 14.6 21.8

Manual Integrations

APPROVED

mohammad

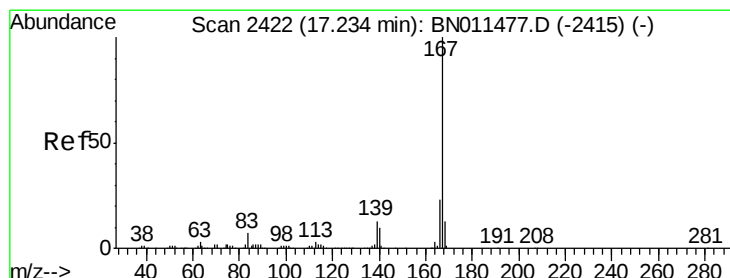
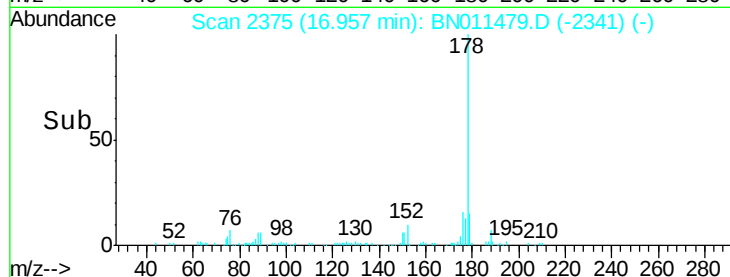
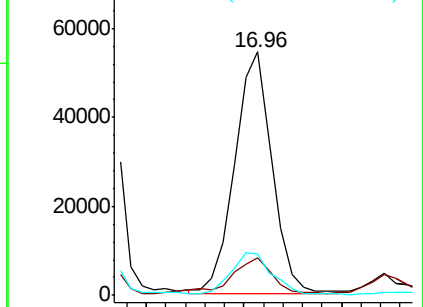
8/19/2020 2:19:40 PM



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#75

Carbazole

Concen: 127.021 ng/ul

RT: 17.24 min Scan# 2423

Delta R.T. 0.01 min

Lab File: BN011479.D

Acq: 18 Aug 2020 09:40

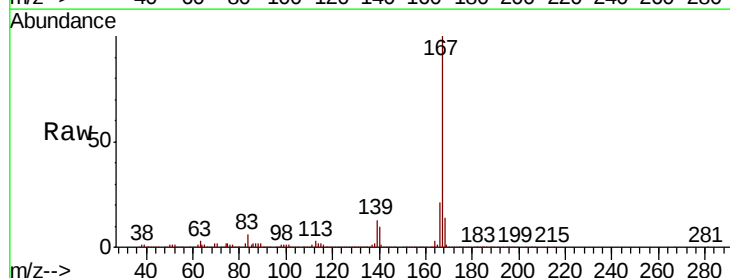
Tgt Ion:167 Resp: 4668232

Ion Ratio Lower Upper

167 100

166 21.5 17.2 25.8

139 13.3 10.2 15.2



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

