

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111820\
 Data File : BN012617.D
 Acq On : 19 Nov 2020 05:45
 Operator : CG/JU
 Sample : L4726-17MSD
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DBG7MSD

Manual Integrations
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Quant Time: Nov 19 07:27:00 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN102220.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Nov 18 14:31:59 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.45	152	123210	20.00	ng/ul	0.00
18) Naphthalene-d8	10.22	136	527483	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.10	164	352641	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.86	188	789117	20.00	ng/ul	0.00
78) Chrysene-d12	21.07	240	811841	20.00	ng/ul	0.00
86) Perylene-d12	23.19	264	810550	20.00	ng/ul	-0.01

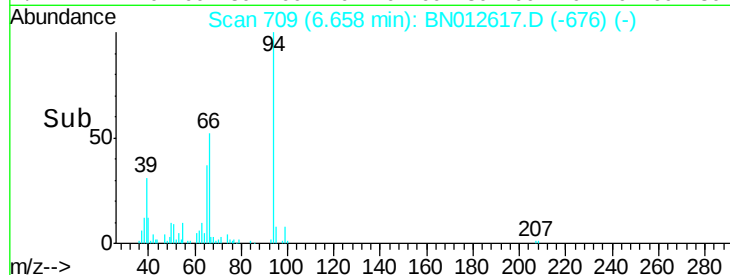
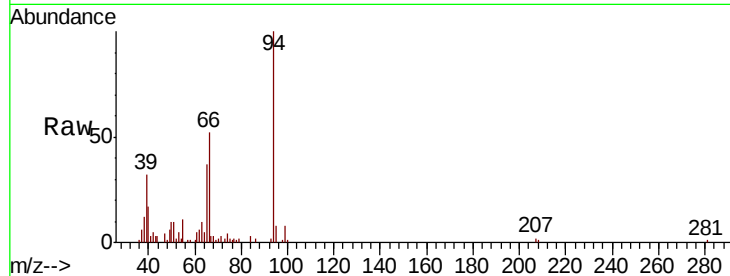
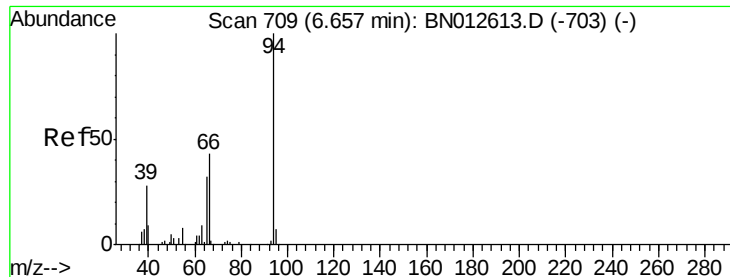
System Monitoring Compounds

3) 1,4-Dioxane-d8	2.98	96	19879m	5.75	ng/uL	0.00
5) Phenol-d5	6.63	99	72227	6.44	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.79	67	216878	32.85	ng/ul	0.00
9) 2-Chlorophenol-d4	6.98	132	224251	25.58	ng/ul	0.00
13) 4-Methylphenol-d8	8.16	113	143357	15.65	ng/ul	0.00
19) Nitrobenzene-d5	8.59	128	139598	32.25	ng/ul	0.00
22) 2-Nitrophenol-d4	9.31	143	157622	32.79	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.84	165	260355	28.50	ng/ul	0.00
29) 4-Chloroaniline-d4	0.00	131	0d	0.00	ng/ul	
44) Dimethylphthalate-d6	13.53	166	1117480	38.80	ng/ul	0.00
47) Acenaphthylene-d8	13.79	160	1251421	36.40	ng/ul	0.00
52) 4-Nitrophenol-d4	14.32	143	37212	6.90	ng/ul	0.00
58) Fluorene-d10	15.10	176	919065	36.27	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.23	200	191680	35.61	ng/ul	0.00
71) Anthracene-d10	16.96	188	1576251	39.32	ng/ul	0.00
79) Pyrene-d10	19.26	212	1829481	43.08	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.06	264	1949126	44.00	ng/ul	0.00

Target Compounds

					Ovalue	
6) Phenol	6.66	94	77305	6.743	ng/ul	91
10) 2-Chlorophenol	7.01	128	214959	24.188	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.25	70	248348	34.856	ng/ul	99
28) Naphthalene	10.27	128	8463941	277.567	ng/ul	98
33) 4-Chloro-3-methylphenol	11.51	107	289927	28.416	ng/ul	100
34) 2-Methylnaphthalene	11.89	142	31584	1.484	ng/ul	96
45) Dimethylphthalate	13.57	163	90529	3.121	ng/ul#	99
50) Acenaphthene	14.17	153	1997513	79.443	ng/ul	95
53) 4-Nitrophenol	14.34	109	36946	7.497	ng/ul	89
54) Dibenzofuran	14.50	168	56546	1.622	ng/ul	92
55) 2,4-Dinitrotoluene	14.49	165	315348	36.992	ng/ul	95
59) Fluorene	15.16	166	567343	19.479	ng/ul	92
69) Pentachlorophenol	16.51	266	244681	39.264	ng/ul	86
70) Phenanthrene	16.90	178	412639	8.505	ng/ul	99
75) Carbazole	17.27	167	1855744	44.209	ng/ul	99
80) Pyrene	19.29	202	2141032	37.041	ng/ul	98

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



#6

Phenol

Concen: 6.743 ng/ul

RT: 6.66 min Scan# 709

Delta R.T. -0.01 min

Lab File: BN012617.D

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Tot Ion:	94	Resp:	77305
Ion	Ratio	Lower	Upper
94	100		
65	36.9	26.1	39.1
66	52.2	36.1	54.1

Instrument :

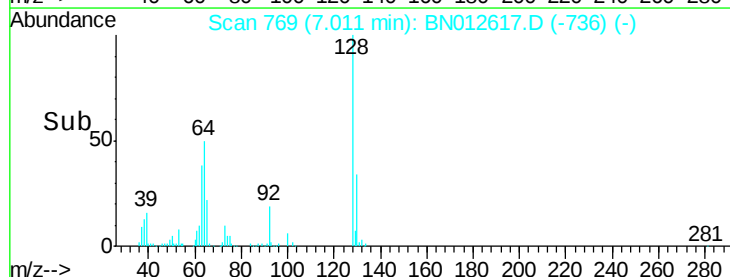
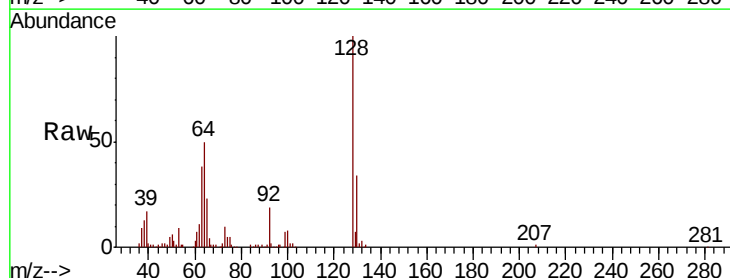
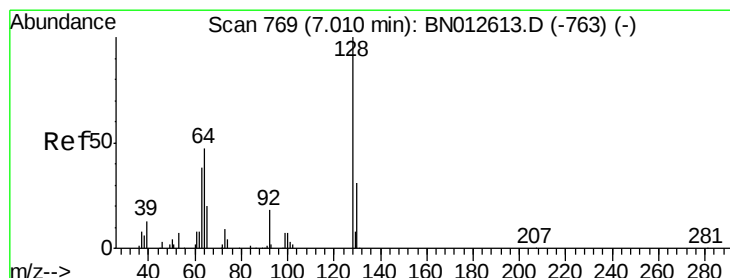
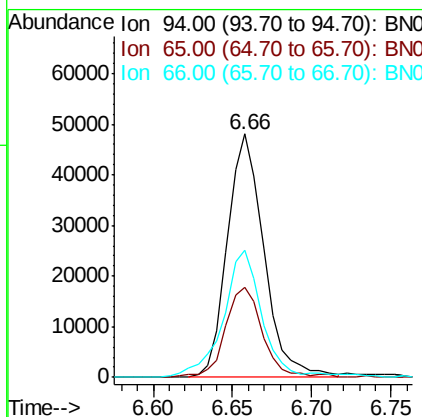
BNA_N

ClientSampleId :

DBGF7MSD

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#10

2-Chlorophenol

Concen: 24.188 ng/ul

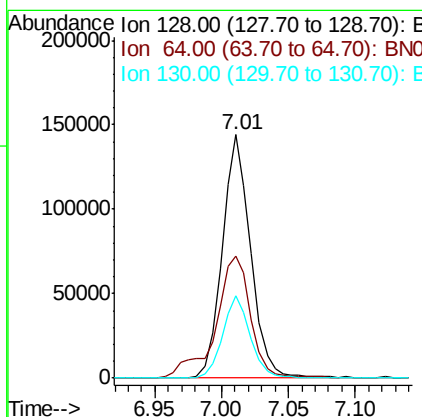
RT: 7.01 min Scan# 769

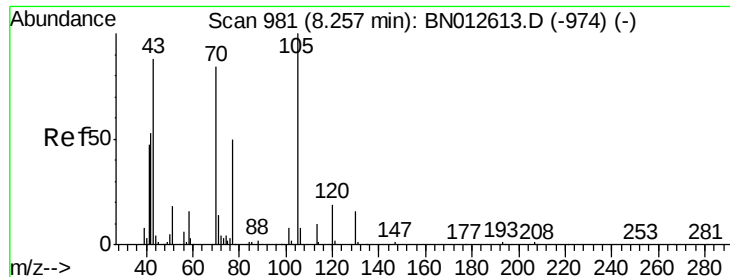
Delta R.T. -0.01 min

Lab File: BN012617.D

Acq: 19 Nov 2020 05:45

Tgt Ion:	128	Resp:	214959
Ion	Ratio	Lower	Upper
128	100		
64	50.1	40.0	60.0
130	33.8	26.2	39.2





#15

N-Nitroso-di-n-propylamine

Concen: 34.856 ng/ul

RT: 8.25 min Scan# 980

Delta R.T. -0.01 min

Lab File: BN012617.D

Acq: 19 Nov 2020 05:45

Instrument :

BNA_N

ClientSampleId :

DBGF7MSD

Tot Ion: 70 Resp: 248348

Ion Ratio Lower Upper

70 100

42 63.1 50.0 75.0

101 9.7 7.5 11.3

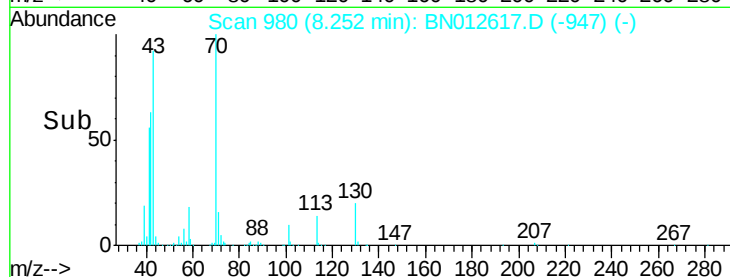
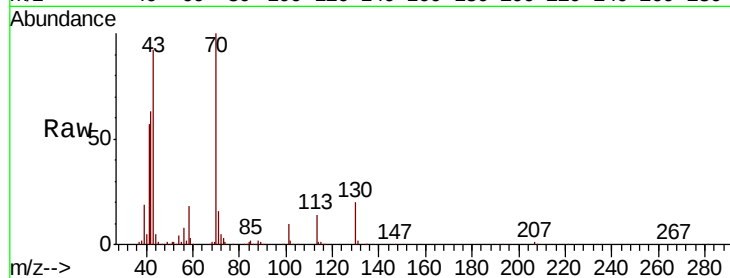
130 20.5 17.6 26.4

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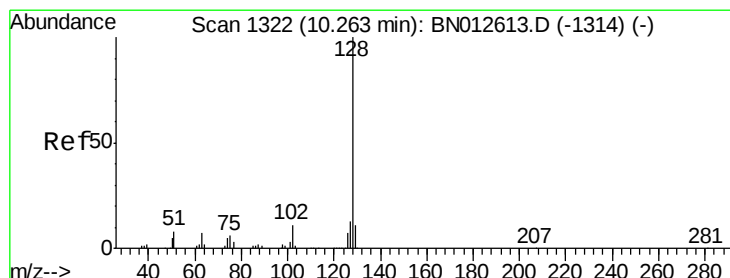
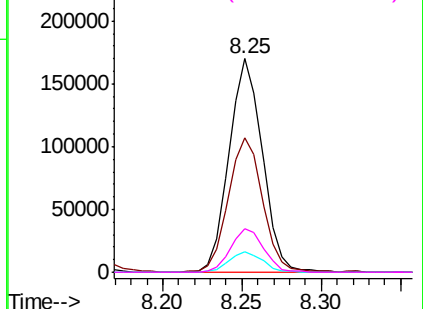
Abundance

Ion 70.00 (69.70 to 70.70): BN012617.D (-947) (-)

Ion 42.00 (41.70 to 42.70): BN012617.D (-947) (-)

Ion 101.00 (100.70 to 101.70): BN012617.D (-947) (-)

Ion 130.00 (129.70 to 130.70): BN012617.D (-947) (-)



#28

Naphthalene

Concen: 277.567 ng/ul

RT: 10.27 min Scan# 1323

Delta R.T. 0.01 min

Lab File: BN012617.D

Acq: 19 Nov 2020 05:45

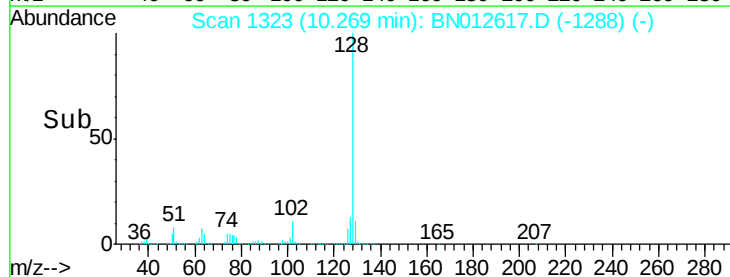
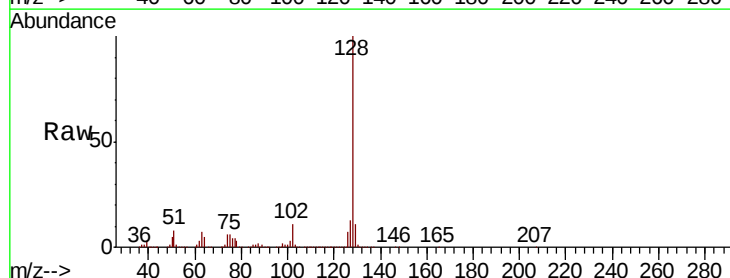
Tgt Ion: 128 Resp: 8463941

Ion Ratio Lower Upper

128 100

129 10.9 8.6 12.8

127 13.2 11.6 17.4

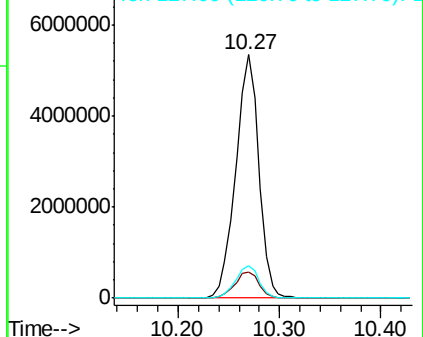


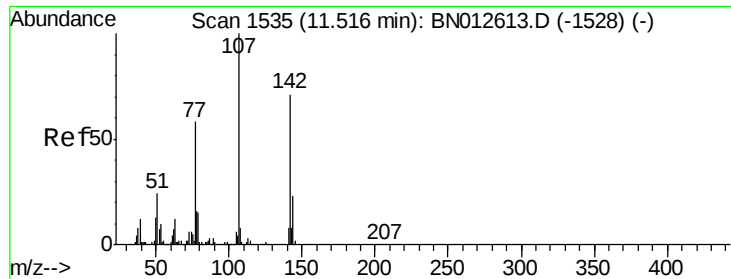
Abundance

Ion 128.00 (127.70 to 128.70): BN012617.D (-1288) (-)

Ion 129.00 (128.70 to 129.70): BN012617.D (-1288) (-)

Ion 127.00 (126.70 to 127.70): BN012617.D (-1288) (-)





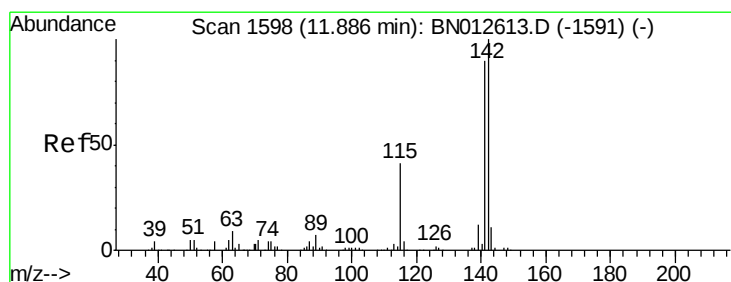
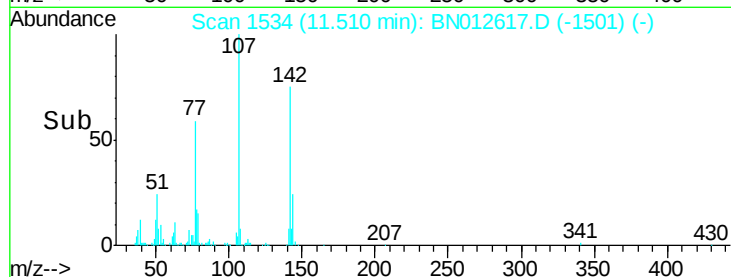
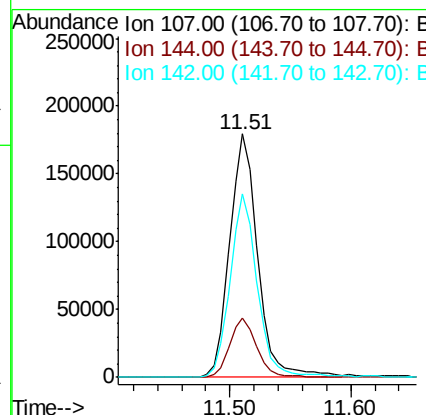
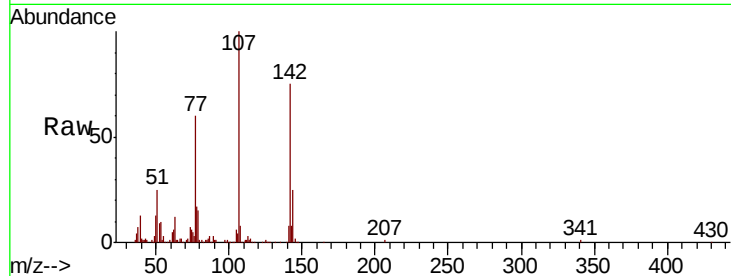
#33
4-Chloro-3-methylphenol
Concen: 28.416 ng/ul
RT: 11.51 min Scan# 1534
Delta R.T. -0.01 min
Lab File: BN012617.D
Acq: 19 Nov 2020 05:45

Instrument :
BNA_N
ClientSampleId :
DBGF7MSD

Tot Ion	Ratio	Lower	Upper
107	100		
144	24.6	20.0	30.0
142	75.3	60.2	90.4

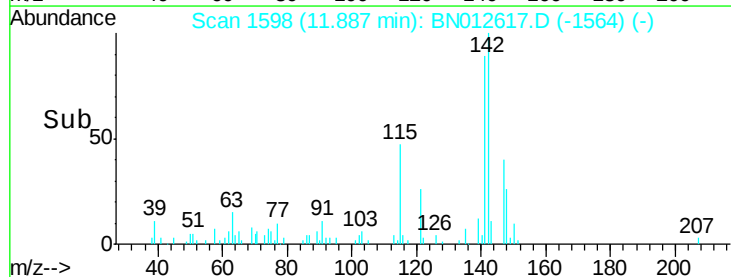
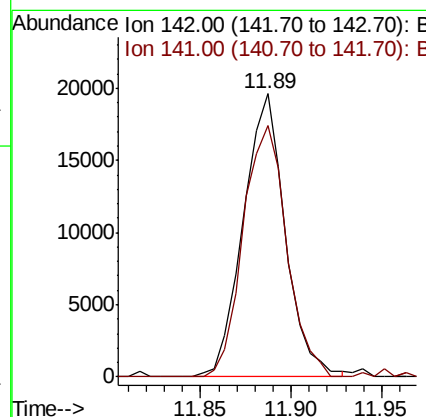
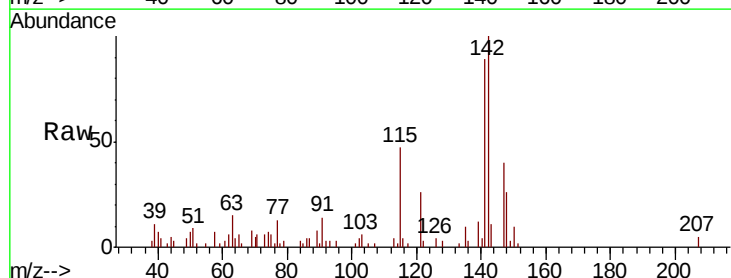
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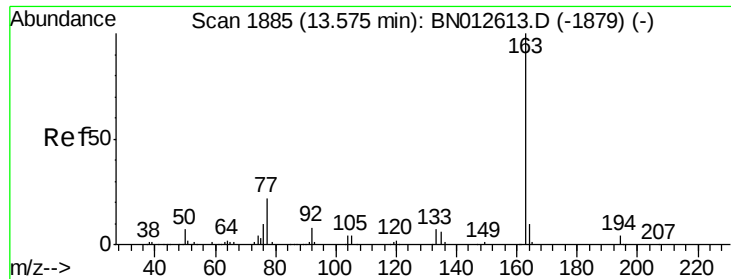
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#34
2-Methylnaphthalene
Concen: 1.484 ng/ul
RT: 11.89 min Scan# 1598
Delta R.T. 0.00 min
Lab File: BN012617.D
Acq: 19 Nov 2020 05:45

Tgt Ion	Ratio	Lower	Upper
142	100		
141	88.8	73.8	110.8





#45

Dimethylphthalate

Concen: 3.121 ng/ul

RT: 13.57 min Scan# 1884

Delta R.T. -0.01 min

Lab File: BN012617.D

Acq: 19 Nov 2020 05:45

Instrument :

BNA_N

ClientSampleId :

DBGF7MSD

Tot Ion:163 Resp: 90529

Ion Ratio Lower Upper

163 100

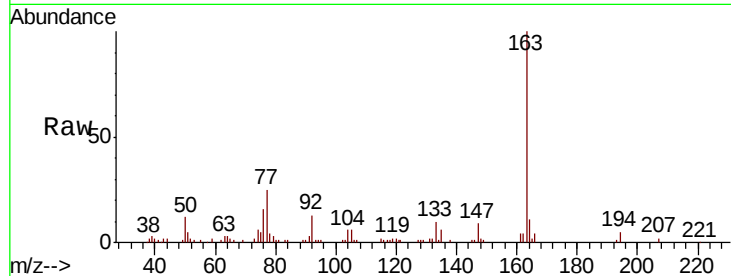
194 4.7 3.0 4.4#

164 10.9 8.6 13.0

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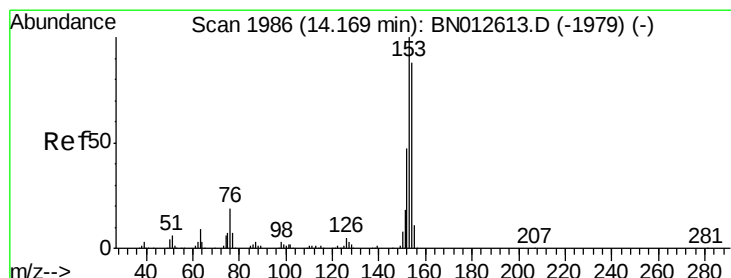
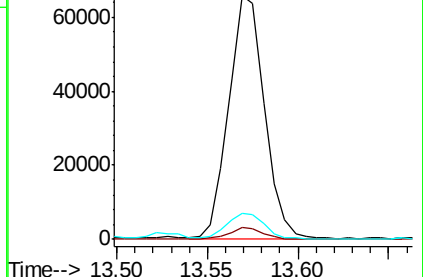
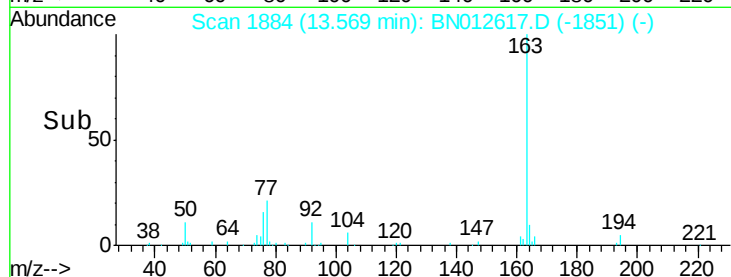
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Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

Acenaphthene

Concen: 79.443 ng/ul

RT: 14.17 min Scan# 1986

Delta R.T. 0.00 min

Lab File: BN012617.D

Acq: 19 Nov 2020 05:45

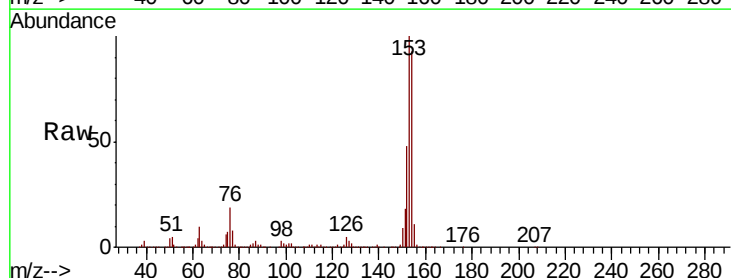
Tgt Ion:153 Resp: 1997513

Ion Ratio Lower Upper

153 100

152 47.7 37.1 55.7

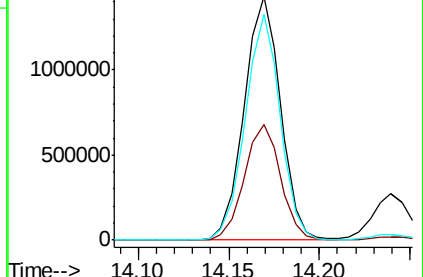
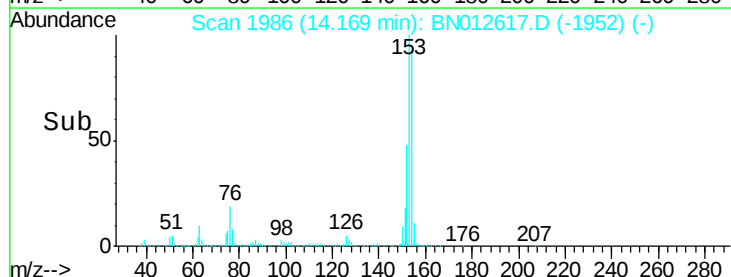
154 92.8 69.7 104.5

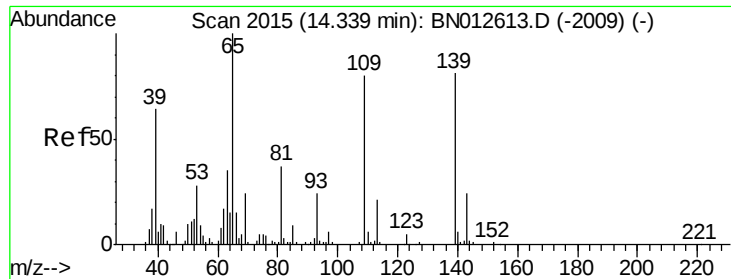


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





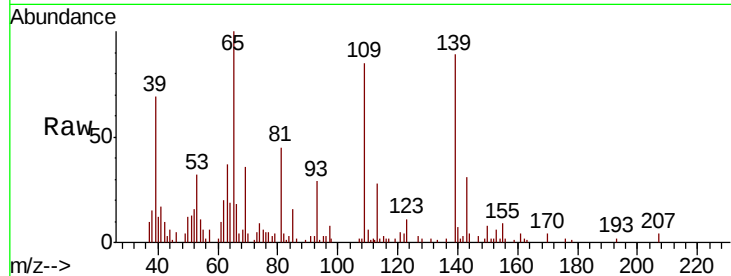
#53
4-Nitrophenol
Concen: 7.497 ng/ul
RT: 14.34 min Scan# 2015
Delta R.T. 0.00 min
Lab File: BN012617.D
Acq: 19 Nov 2020 05:45

Instrument :
BNA_N
ClientSampleId :
DBGF7MSD

Tot Ion	Ratio	Lower	Upper
109	100		
139	104.7	93.4	140.0
65	117.3	103.7	155.5

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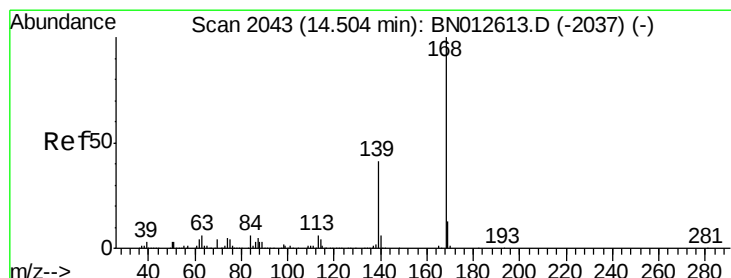
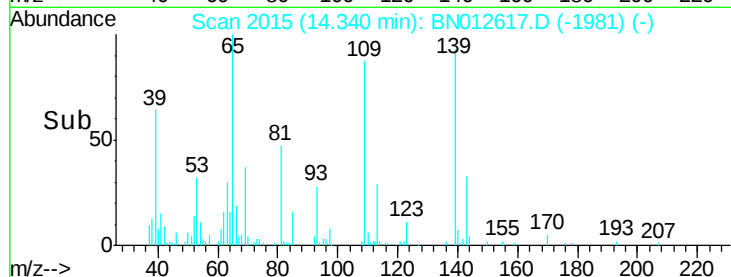
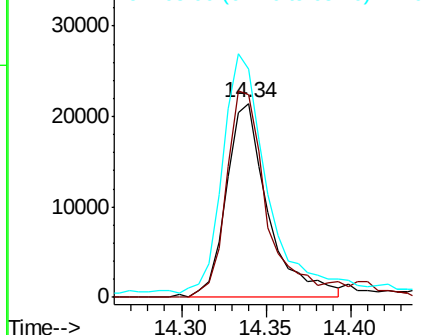


Abundance

Ion 109.00 (108.70 to 109.70): E

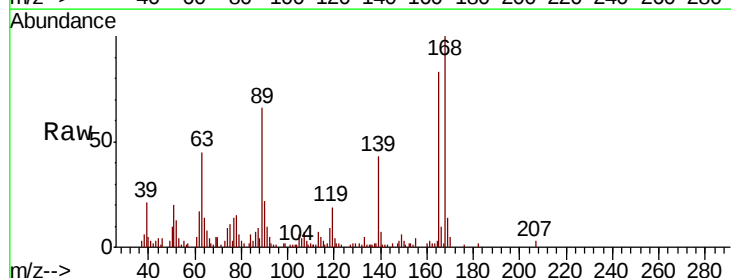
Ion 139.00 (138.70 to 139.70): E

Ion 65.00 (64.70 to 65.70): BNC



#54
Dibenzofuran
Concen: 1.622 ng/ul
RT: 14.50 min Scan# 2043
Delta R.T. -0.01 min
Lab File: BN012617.D
Acq: 19 Nov 2020 05:45

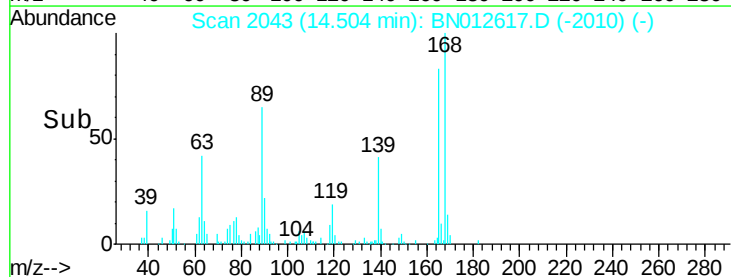
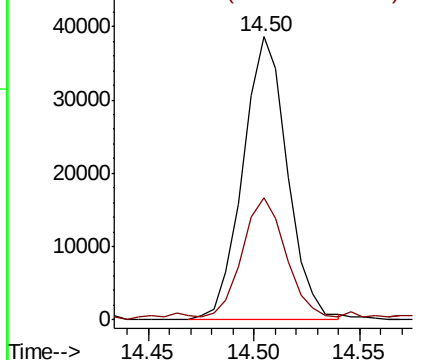
Tgt Ion	Ratio	Lower	Upper
168	100		
139	42.9	30.5	45.7

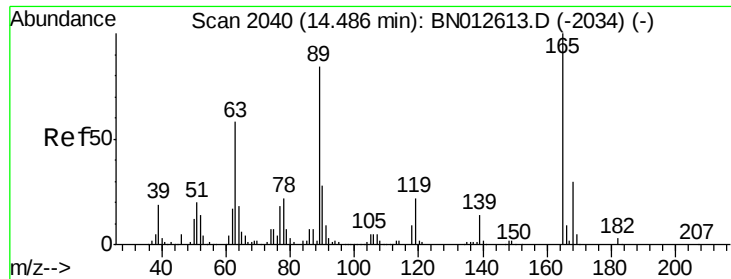


Abundance

Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E





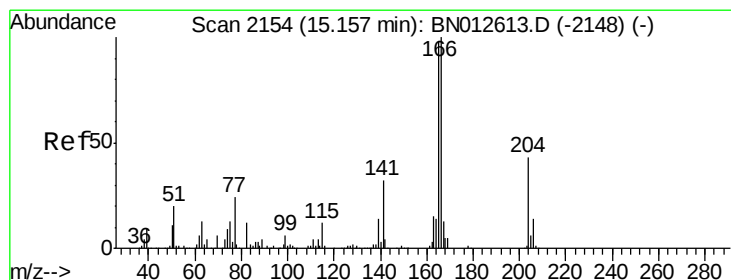
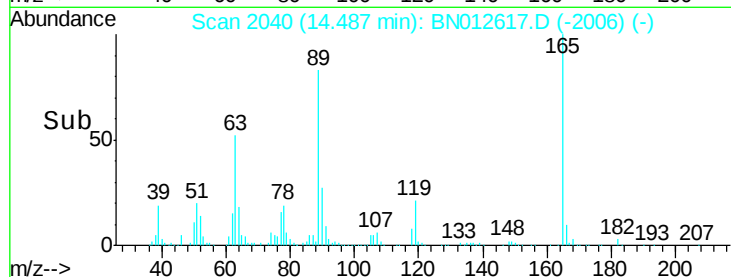
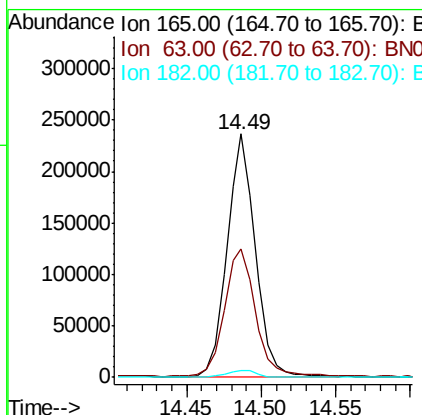
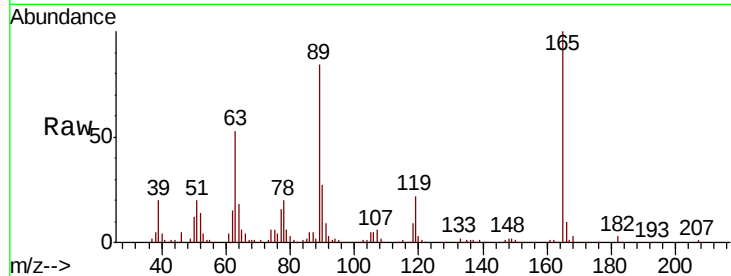
#55
2,4-Dinitrotoluene
Concen: 36.992 ng/ul
RT: 14.49 min Scan# 2040
Delta R.T. 0.00 min
Lab File: BN012617.D
Acq: 19 Nov 2020 05:45

Instrument :
BNA_N
ClientSampleId :
DBGF7MSD

Tot Ion	Ratio	Lower	Upper
165	100		
63	52.9	39.4	59.0
182	2.8	2.8	4.2

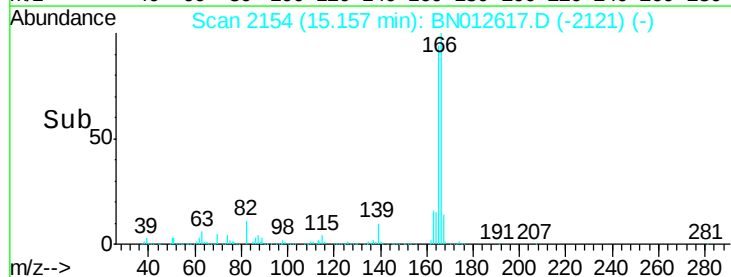
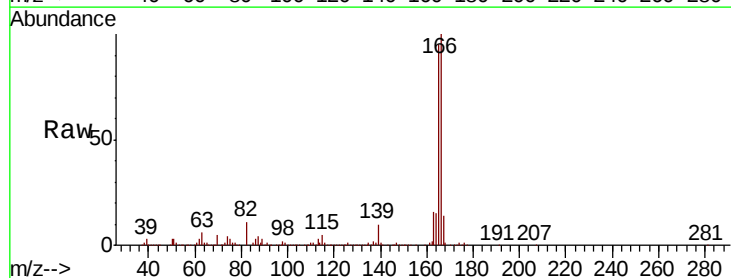
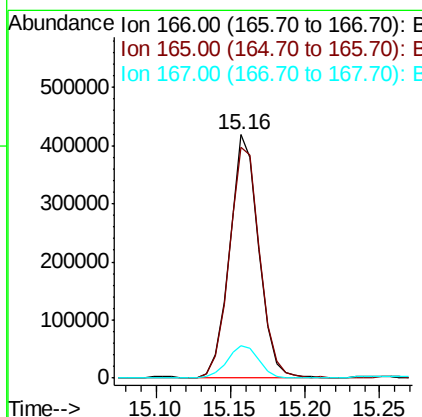
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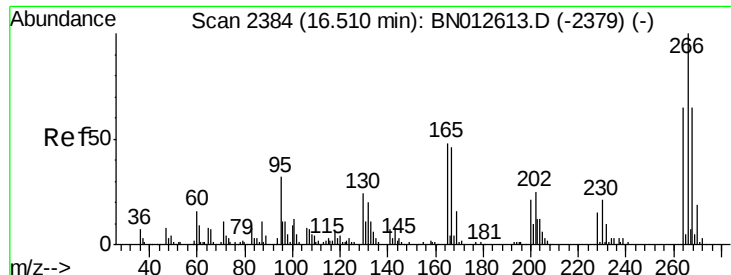
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#59
Fluorene
Concen: 19.479 ng/ul
RT: 15.16 min Scan# 2154
Delta R.T. -0.01 min
Lab File: BN012617.D
Acq: 19 Nov 2020 05:45

Tgt Ion	Ratio	Lower	Upper
166	100		
165	94.6	83.3	124.9
167	13.5	11.0	16.6





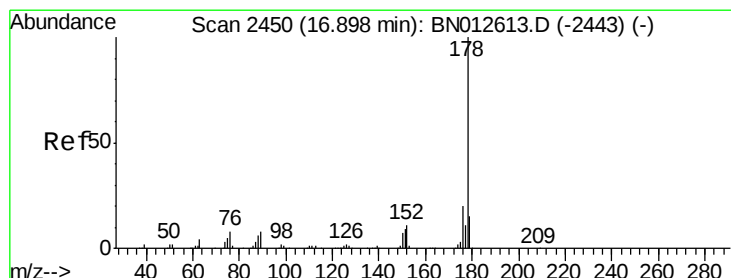
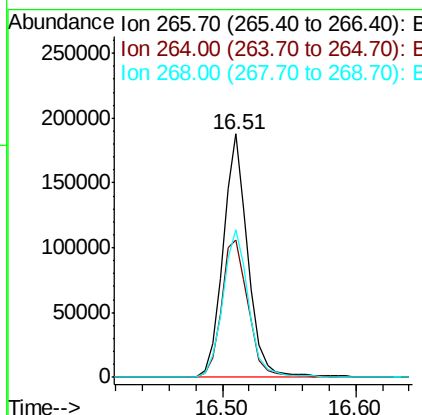
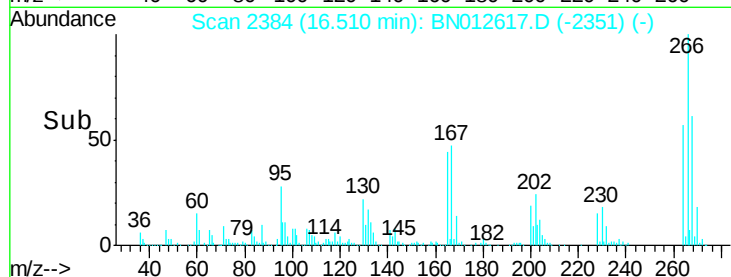
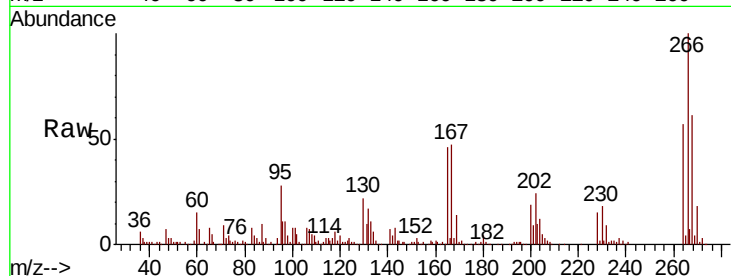
#69
 Pentachlorophenol
 Concen: 39.264 ng/ul
 RT: 16.51 min Scan# 2384
 Delta R.T. -0.01 min
 Lab File: BN012617.D
 Acq: 19 Nov 2020 05:45

Instrument :
 BNA_N
 ClientSampleId :
 DBG7MSD

Tot Ion	Ratio	Lower	Upper
266	100		
264	56.6	55.0	82.6
268	60.7	56.9	85.3

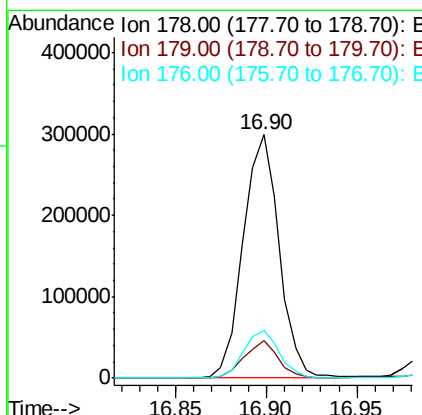
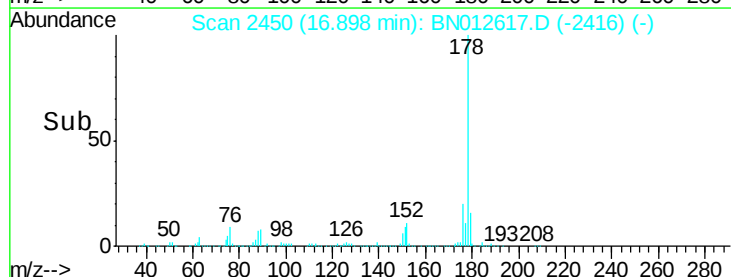
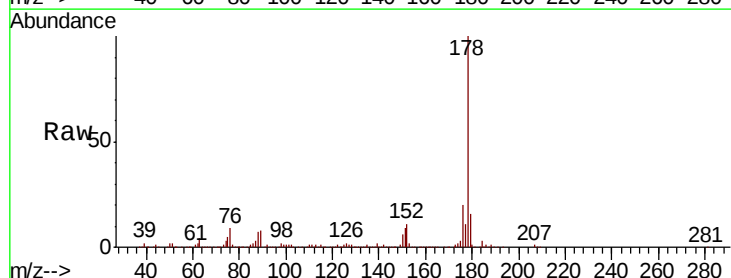
Manual Integrations
 APPROVED

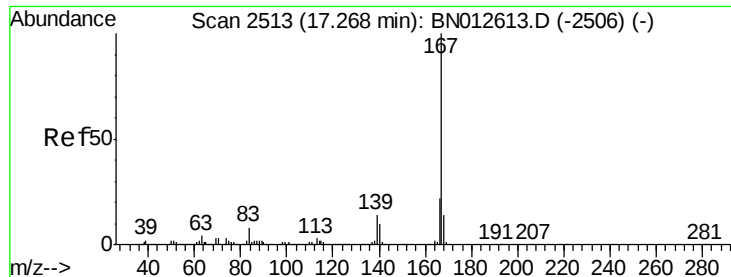
mohammad
 11/20/2020 11:30:29 AM



#70
 Phenanthrene
 Concen: 8.505 ng/ul
 RT: 16.90 min Scan# 2450
 Delta R.T. 0.00 min
 Lab File: BN012617.D
 Acq: 19 Nov 2020 05:45

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.6	13.1	19.7
176	19.6	15.4	23.0





#75

Carbazole

Concen: 44.209 ng/ul

RT: 17.27 min Scan# 2513

Delta R.T. 0.00 min

Lab File: BN012617.D

Acq: 19 Nov 2020 05:45

Instrument :

BNA_N

ClientSampleId :

DBGF7MSD

Tot Ion:167 Resp: 1855744

Ion Ratio Lower Upper

167 100

166 21.6 17.8 26.8

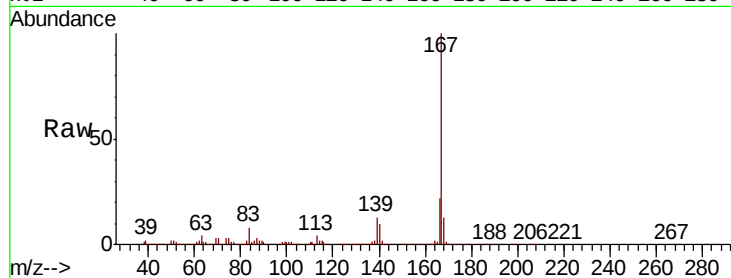
139 13.5 10.4 15.6

Manual Integrations

APPROVED

mohammad

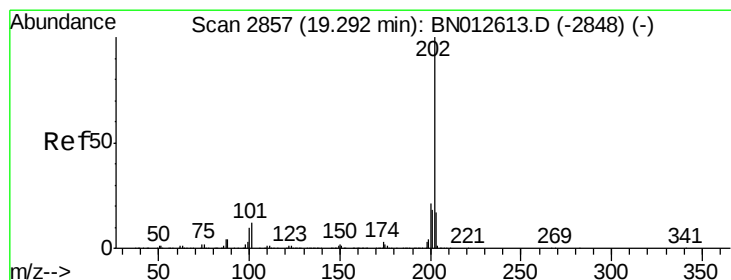
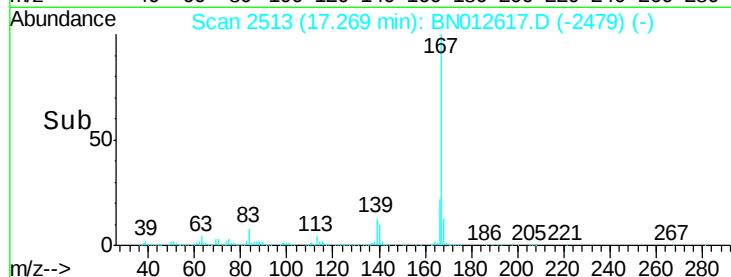
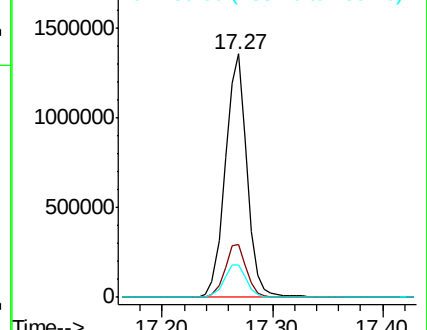
11/20/2020 11:30:29 AM



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



#80

Pyrene

Concen: 37.041 ng/ul

RT: 19.29 min Scan# 2857

Delta R.T. -0.01 min

Lab File: BN012617.D

Acq: 19 Nov 2020 05:45

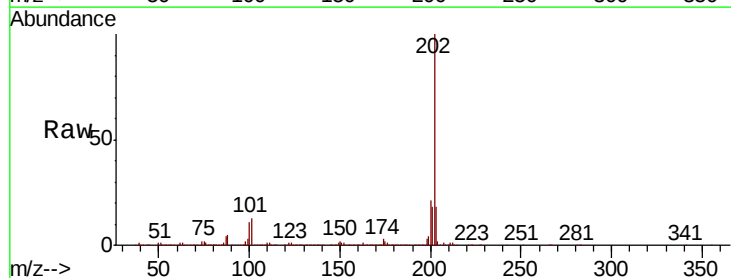
Tgt Ion:202 Resp: 2141032

Ion Ratio Lower Upper

202 100

101 13.1 10.1 15.1

100 11.4 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

