

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN060319\
 Data File : BN006047.D
 Acq On : 03 Jun 2019 21:13
 Operator : JU/SJ
 Sample : K2924-02MS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleID :
 A4264MS

Manual Integrations
 APPROVED

Sohil
 6/4/2019 8:39:26 AM

Quant Time: Jun 04 02:28:40 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN060319MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jun 03 14:55:48 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	407915	20.00	ng/ul	0.00
18) Naphthalene-d8	10.51	136	1845479	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.38	164	1071993	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.14	188	2224387	20.00	ng/ul	0.00
77) Chrysene-d12	21.35	240	1552929	20.00	ng/ul	0.00
85) Perylene-d12	23.64	264	1600506	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.25	96	36012	4.11	ng/uL	0.00
5) Phenol-d5	6.89	99	733342	21.75	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.06	67	446845	23.45	ng/ul	0.00
9) 2-Chlorophenol-d4	7.25	132	581706	21.98	ng/ul	0.00
13) 4-Methylphenol-d8	8.43	113	490147	18.17	ng/ul	0.00
19) Nitrobenzene-d5	8.88	128	306994	23.04	ng/ul	0.00
22) 2-Nitrophenol-d4	9.60	143	338447	23.06	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.14	165	561076	20.94	ng/ul	0.00
29) 4-Chloroaniline-d4	10.65	131	726647	22.05	ng/ul	0.00
43) Dimethylphthalate-d6	13.79	166	1918398	25.30	ng/ul	0.00
46) Acenaphthylene-d8	14.07	160	2301938	23.59	ng/ul	0.00
51) 4-Nitrophenol-d4	14.59	143	268600	19.17	ng/ul	0.00
57) Fluorene-d10	15.38	176	1587950	24.72	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.51	200	199317	18.50	ng/ul	0.00
70) Anthracene-d10	17.23	188	2212382	23.73	ng/ul	0.00
78) Pyrene-d10	19.54	212	2260090	25.51	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.49	264	1780056	25.03	ng/ul	0.00

Target Compounds

					Ovalue
6) Phenol	6.92	94	692884	20.128	ng/ul 96
10) 2-Chlorophenol	7.29	128	534034	19.759	ng/ul 100
15) N-Nitroso-di-n-propylamine	8.52	70	472223	22.837	ng/ul 99
33) 4-Chloro-3-methylphenol	11.81	107	591074	19.878	ng/ul 99
44) Dimethylphthalate	13.84	163	643772	8.576	ng/ul 99
49) Acenaphthene	14.44	153	1426225	22.082	ng/ul 100
52) 4-Nitrophenol	14.60	109	192388	18.167	ng/ul 98
54) 2,4-Dinitrotoluene	14.75	165	510078	23.320	ng/ul 95
68) Pentachlorophenol	16.79	266	253014	19.363	ng/ul 99
76) Fluoranthene	19.20	202	175589	1.672	ng/ul 97
79) Pyrene	19.57	202	2765788	24.711	ng/ul 99
87) Benzo(b)fluoranthene	22.95	252	94390m	1.069	ng/ul

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

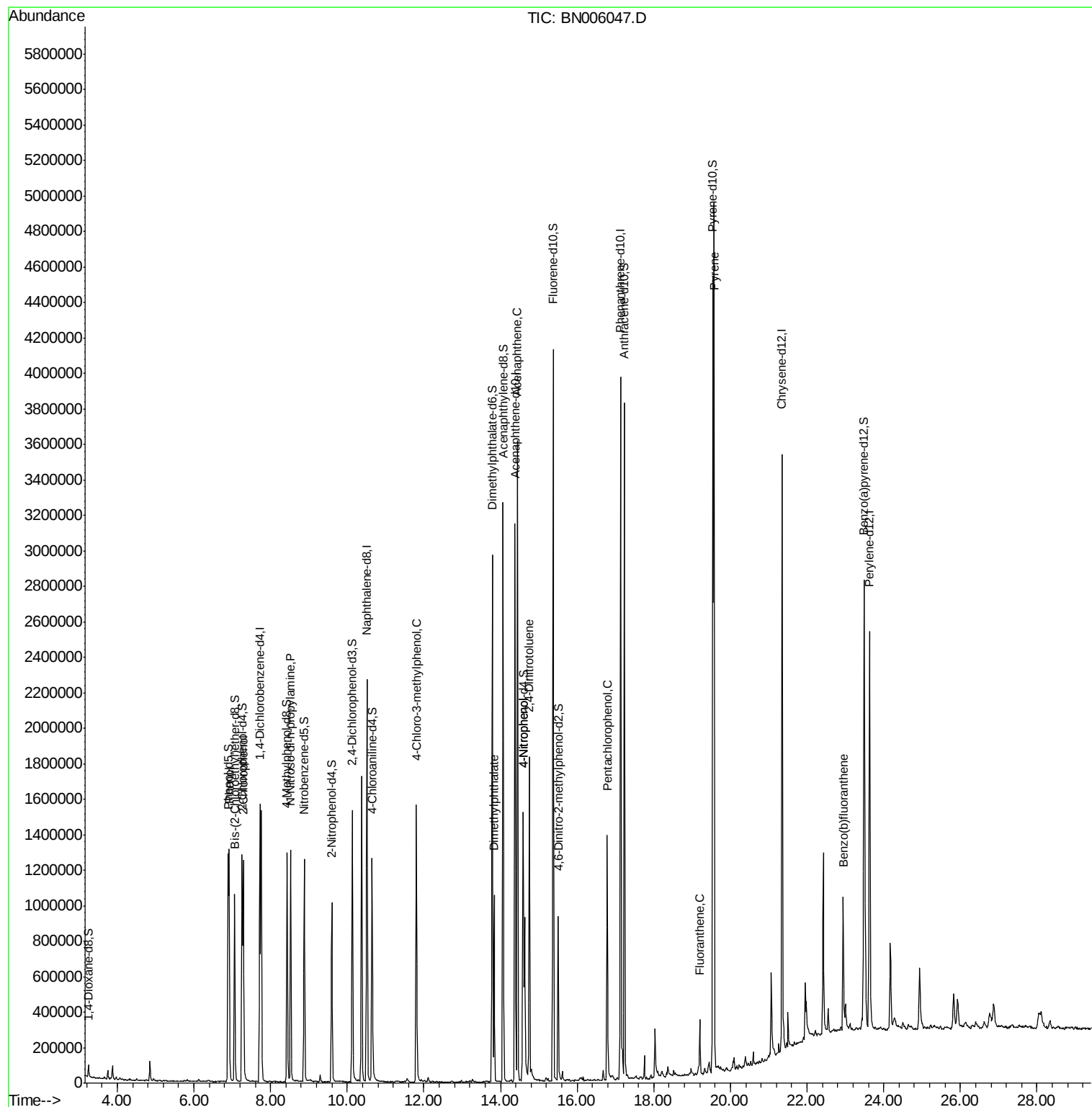
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN060319\
Data File : BN006047.D
Acq On : 03 Jun 2019 21:13
Operator : JU/SJ
Sample : K2924-02MS
Misc :
ALS Vial : 14 Sample Multiplier: 1

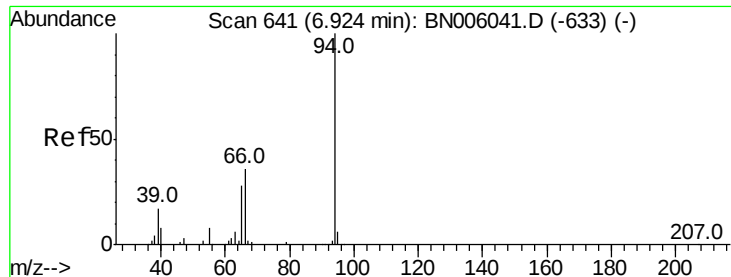
Instrument :
BNA_N
ClientSampleId :
A4264MS

Quant Time: Jun 04 02:28:40 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN060319MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jun 03 14:55:48 2019
Response via : Initial Calibration

Manual Integrations
APPROVED

Sohil
6/4/2019 8:39:26 AM





#6

Phenol

Concen: 20.128 ng/ul

RT: 6.92 min Scan# 640

Delta R.T. -0.01 min

Lab File: BN006047.D

Acq: 03 Jun 2019 21:13

Instrument :

BNA_N

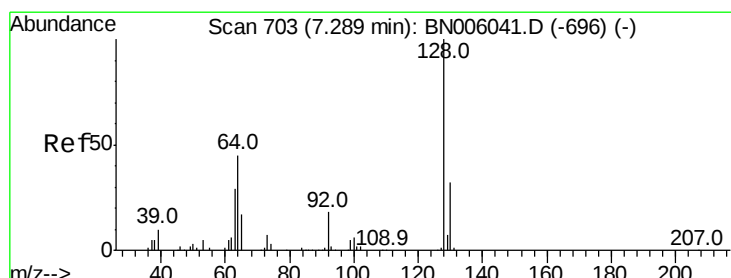
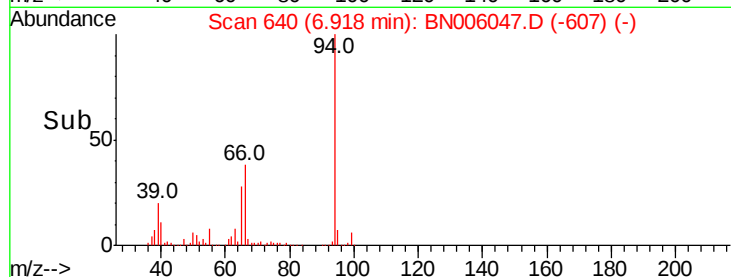
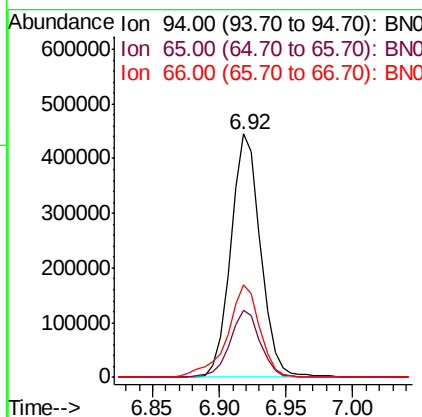
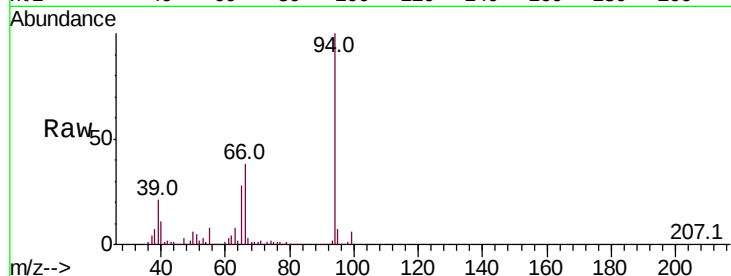
ClientSampleId :

A4264MS

Tot Ion:	94	Resp:	692884
Ion Ratio	Lower	Upper	
94	100		
65	27.6	21.1	31.7
66	37.9	28.2	42.2

Manual Integrations
APPROVED

Sohil
6/4/2019 8:39:26 AM



#10

2-Chlorophenol

Concen: 19.759 ng/ul

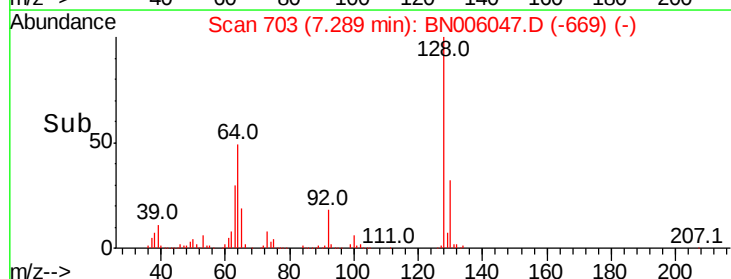
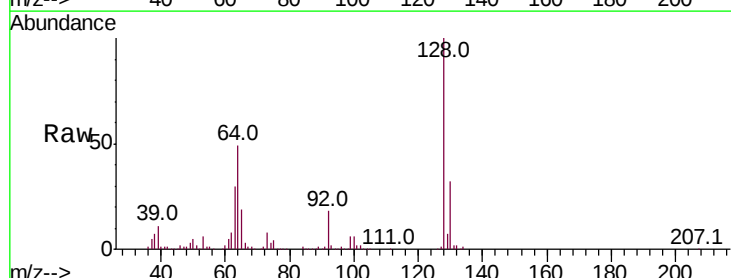
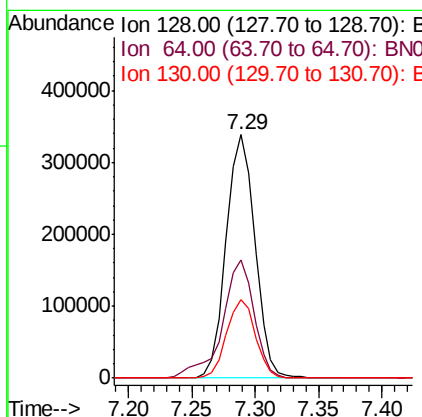
RT: 7.29 min Scan# 703

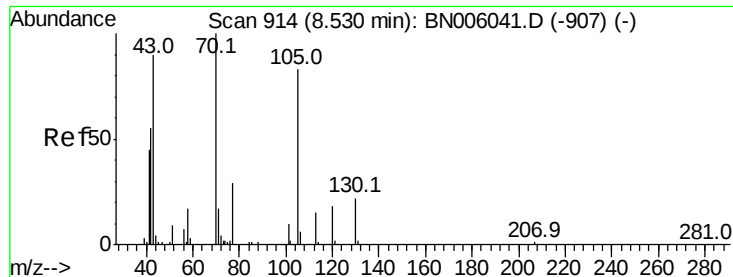
Delta R.T. -0.00 min

Lab File: BN006047.D

Acq: 03 Jun 2019 21:13

Tgt Ion:	128	Resp:	534034
Ion Ratio	Lower	Upper	
128	100		
64	48.6	38.7	58.1
130	32.4	26.0	39.0





#15

N-Nitroso-di-n-propylamine

Concen: 22.837 ng/ul

RT: 8.52 min Scan# 913

Delta R.T. -0.01 min

Lab File: BN006047.D

Acq: 03 Jun 2019 21:13

Instrument :

BNA_N

ClientSampleId :

A4264MS

Tot Ion: 70 Resp: 472223

Ion Ratio Lower Upper

70 100

42 53.6 43.3 64.9

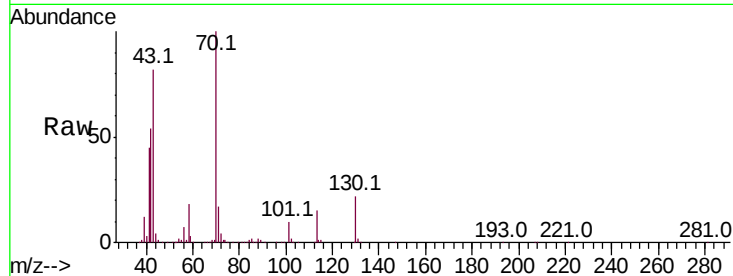
101 10.2 7.8 11.8

130 21.6 16.9 25.3

Manual Integrations
APPROVED

Sohil

6/4/2019 8:39:26 AM

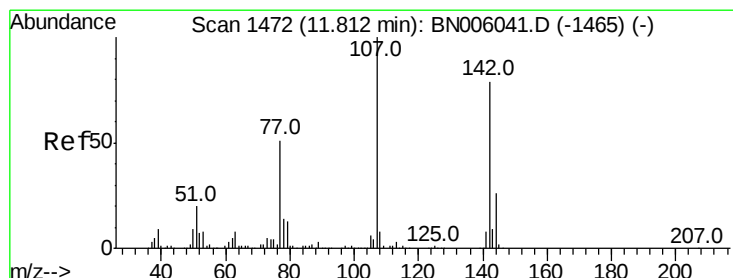
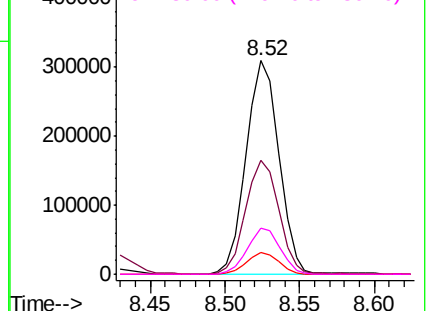
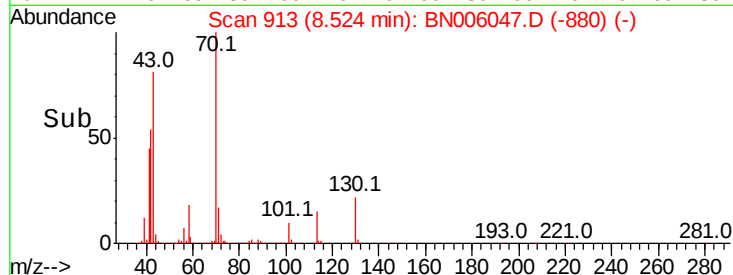


Abundance Ion 70.00 (69.70 to 70.70): BN006041.D (-907) (-)

Ion 42.00 (41.70 to 42.70): BN006041.D (-907) (-)

Ion 101.00 (100.70 to 101.70): BN006041.D (-907) (-)

Ion 130.00 (129.70 to 130.70): BN006041.D (-907) (-)



#33

4-Chloro-3-methylphenol

Concen: 19.878 ng/ul

RT: 11.81 min Scan# 1471

Delta R.T. -0.01 min

Lab File: BN006047.D

Acq: 03 Jun 2019 21:13

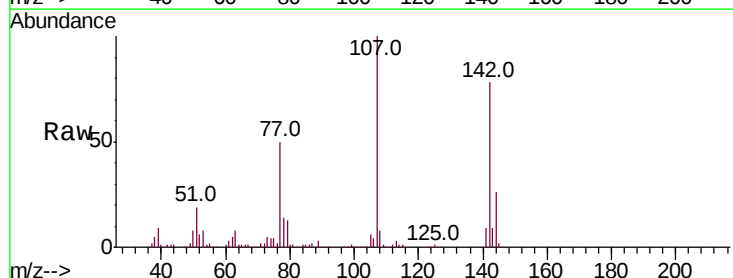
Tgt Ion: 107 Resp: 591074

Ion Ratio Lower Upper

107 100

144 25.5 20.0 30.0

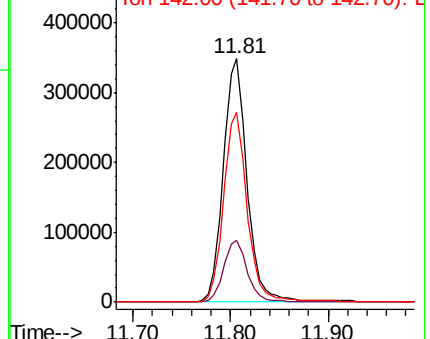
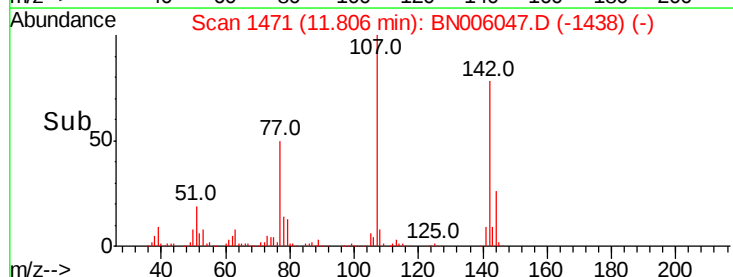
142 78.2 63.1 94.7

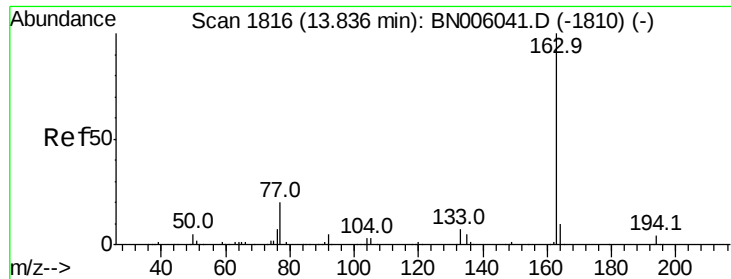


Abundance Ion 107.00 (106.70 to 107.70): BN006041.D (-1465) (-)

Ion 144.00 (143.70 to 144.70): BN006041.D (-1465) (-)

Ion 142.00 (141.70 to 142.70): BN006041.D (-1465) (-)





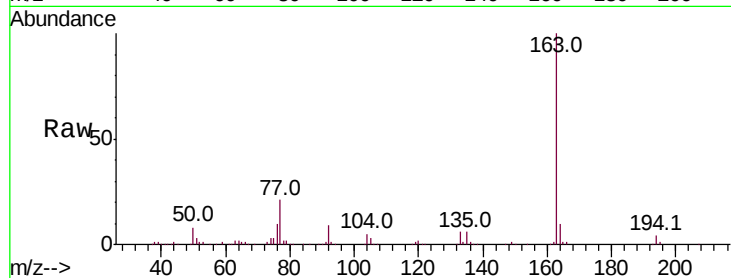
#44
Dimethylphthalate
Concen: 8.576 ng/ul
RT: 13.84 min Scan# 1816
Delta R.T. -0.00 min
Lab File: BN006047.D
Acq: 03 Jun 2019 21:13

Instrument :
BNA_N
ClientSampleId :
A4264MS

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.4	5.2
164	9.9	8.2	12.4

Manual Integrations
APPROVED

Sohil
6/4/2019 8:39:26 AM

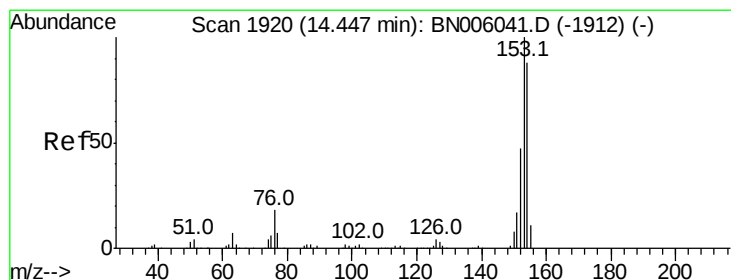
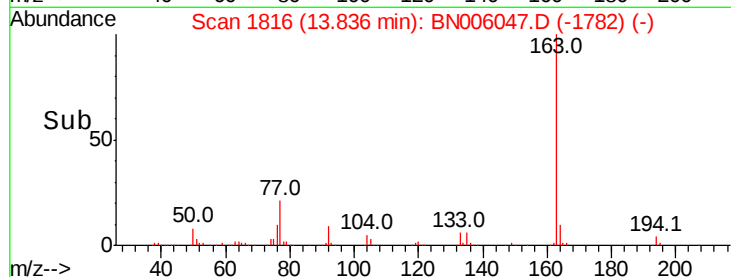
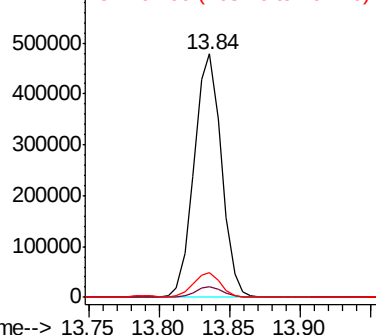


Abundance

Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#49
Acenaphthene
Concen: 22.082 ng/ul
RT: 14.44 min Scan# 1919
Delta R.T. -0.01 min
Lab File: BN006047.D
Acq: 03 Jun 2019 21:13

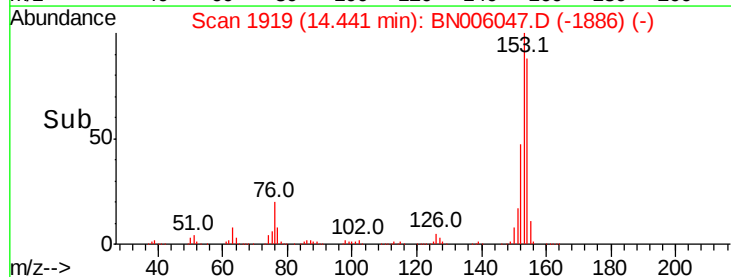
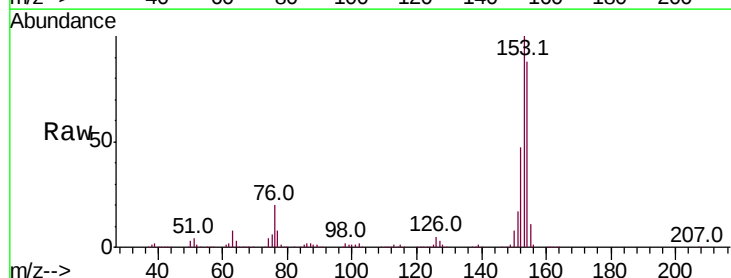
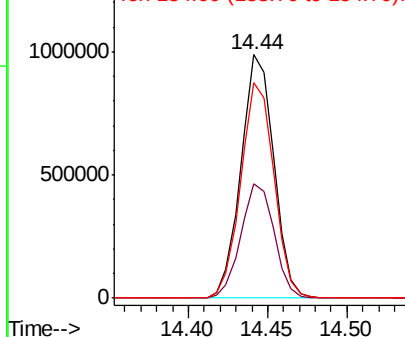
Tgt Ion	Ratio	Lower	Upper
153	100		
152	46.8	37.4	56.2
154	88.5	70.7	106.1

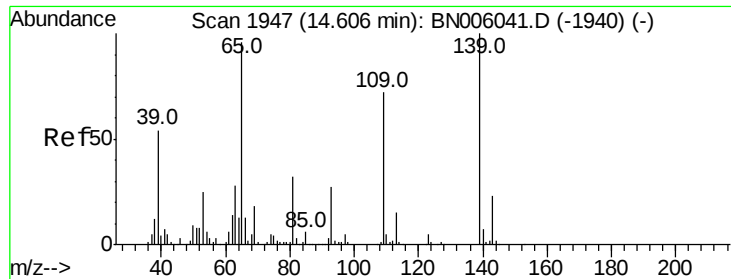
Abundance

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





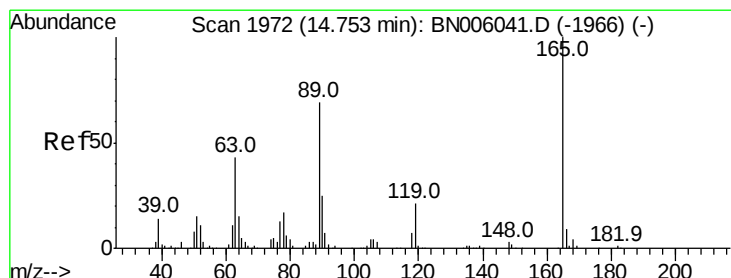
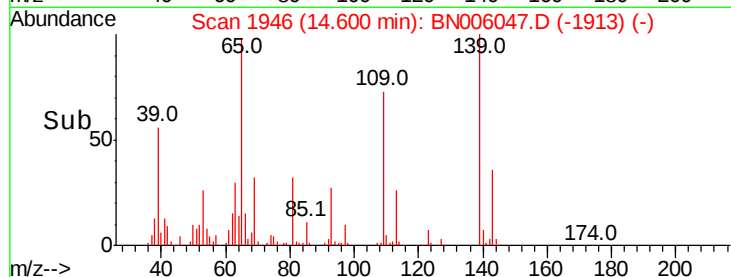
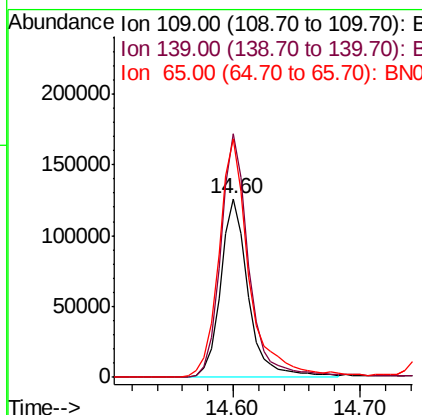
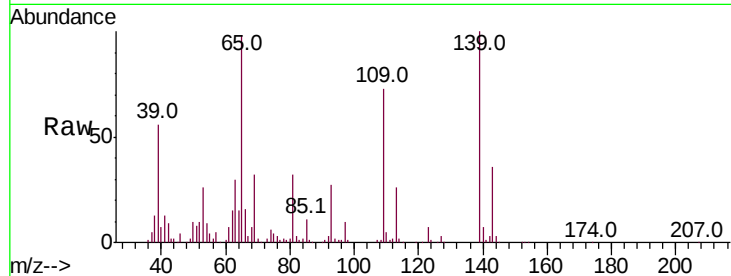
#52
4-Nitrophenol
Concen: 18.167 ng/ul
RT: 14.60 min Scan# 1946
Delta R.T. -0.01 min
Lab File: BN006047.D
Acq: 03 Jun 2019 21:13

Instrument :
BNA_N
ClientSampled :
A4264MS

Tot Ion	Ratio	Resp	Lower	Upper
109	100	192388		
139	136.3	111.8	167.6	
65	133.4	108.5	162.7	

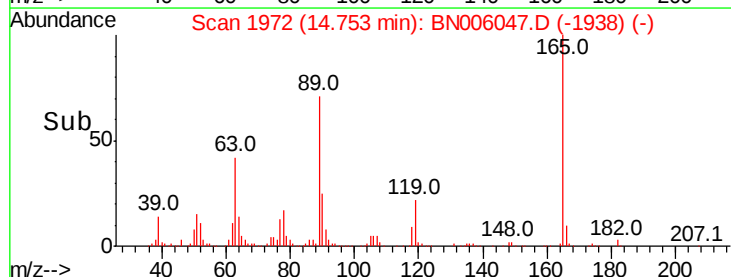
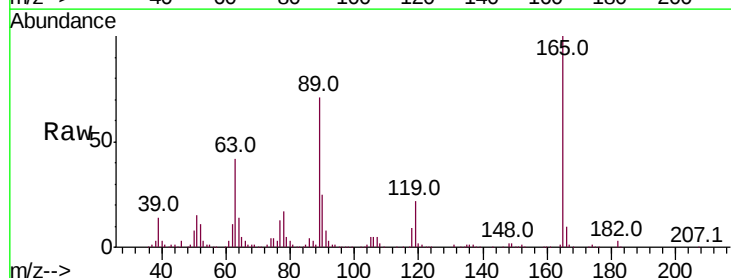
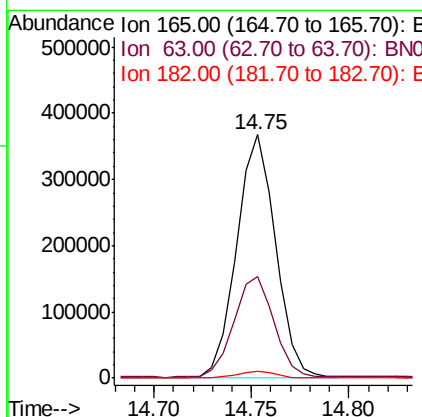
Manual Integrations
APPROVED

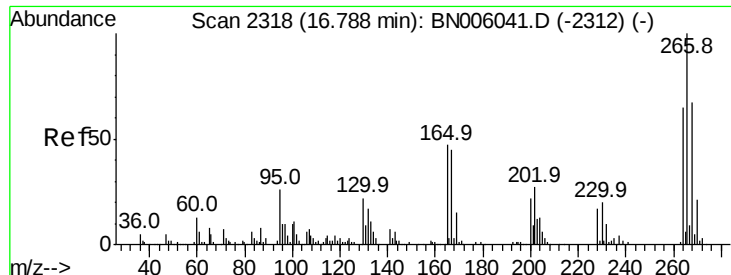
Sohil
6/4/2019 8:39:26 AM



#54
2,4-Dinitrotoluene
Concen: 23.320 ng/ul
RT: 14.75 min Scan# 1972
Delta R.T. -0.00 min
Lab File: BN006047.D
Acq: 03 Jun 2019 21:13

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	510078		
63	41.7	36.0	54.0	
182	3.1	2.4	3.6	





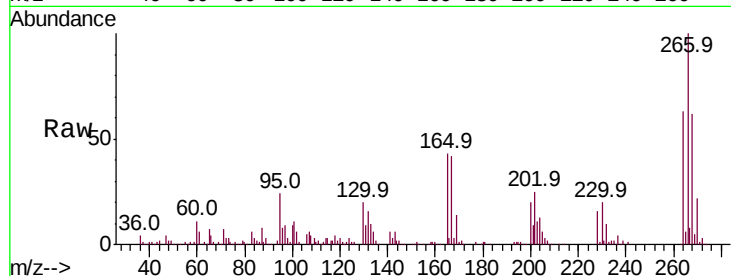
#68
 Pentachlorophenol
 Concen: 19.363 ng/ul
 RT: 16.79 min Scan# 2318
 Delta R.T. -0.00 min
 Lab File: BN006047.D
 Acq: 03 Jun 2019 21:13

Instrument :
 BNA_N
 ClientSampled :
 A4264MS

Tot Ion	Ratio	Resp	Lower	Upper
266	100	253014		
264	63.5	50.8	76.2	
268	62.3	50.7	76.1	

Manual Integrations
 APPROVED

Sohil
 6/4/2019 8:39:26 AM

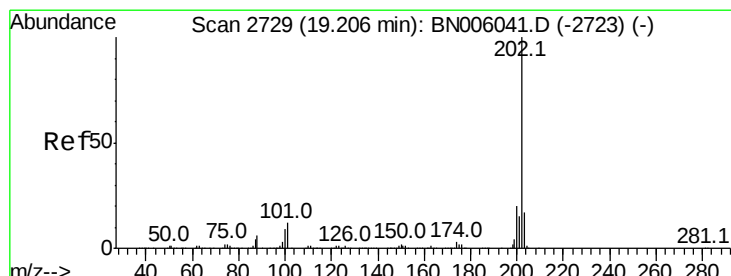
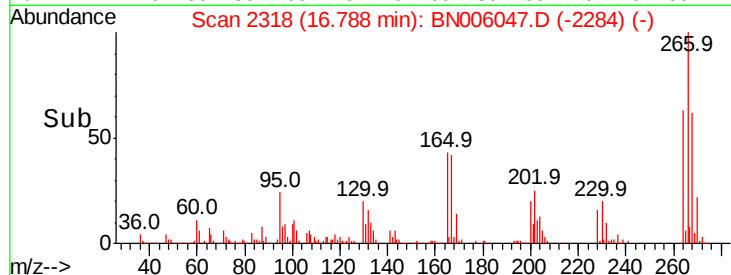
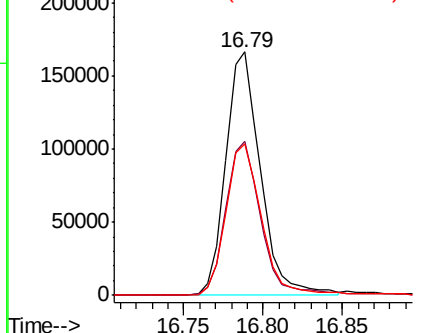


Abundance

Ion 265.70 (265.40 to 266.40): E

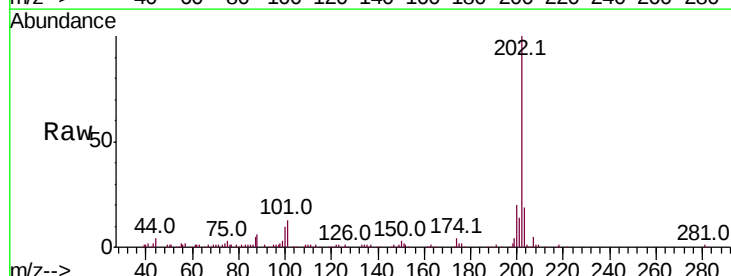
Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E



#76
 Fluoranthene
 Concen: 1.672 ng/ul
 RT: 19.20 min Scan# 2728
 Delta R.T. -0.01 min
 Lab File: BN006047.D
 Acq: 03 Jun 2019 21:13

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	175589		
101	13.3	9.6	14.4	
100	10.1	7.1	10.7	

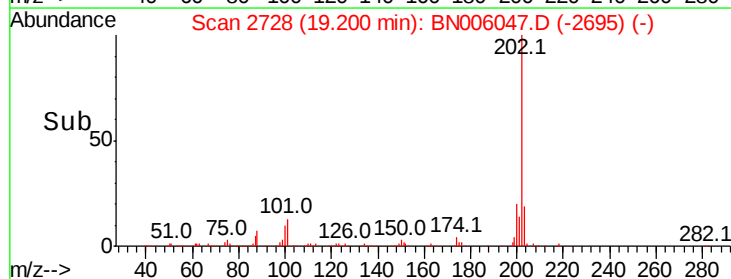
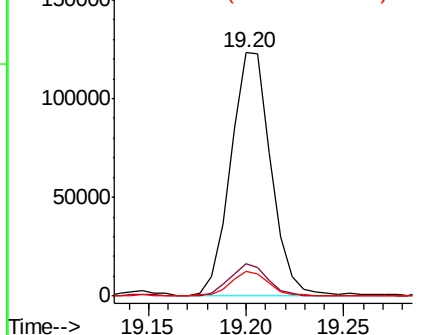


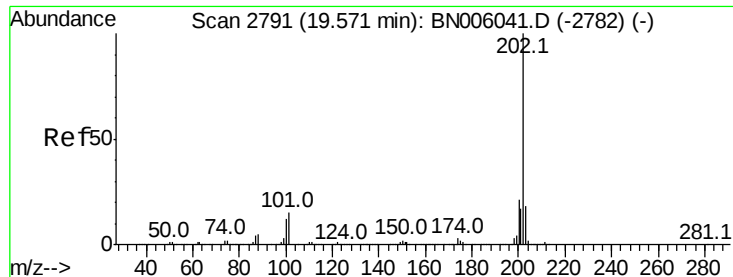
Abundance

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





#79

Pvrene

Concen: 24.711 ng/ul

RT: 19.57 min Scan# 2791

Delta R.T. -0.00 min

Lab File: BN006047.D

Acq: 03 Jun 2019 21:13

Instrument :

BNA_N

ClientSampled :

A4264MS

Tot Ion:202 Resp: 2765788

Ion Ratio Lower Upper

202 100

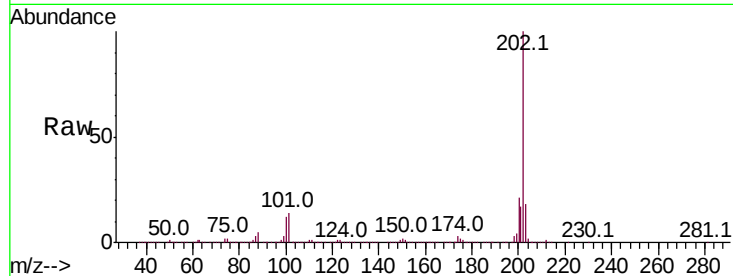
101 14.2 11.6 17.4

100 11.6 9.4 14.2

Manual Integrations
APPROVED

Sohil

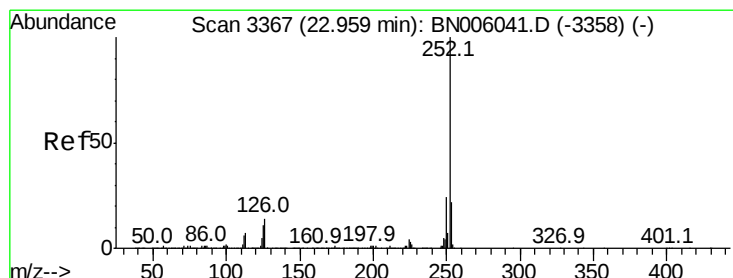
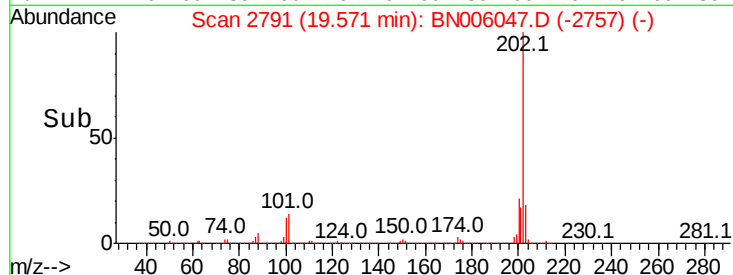
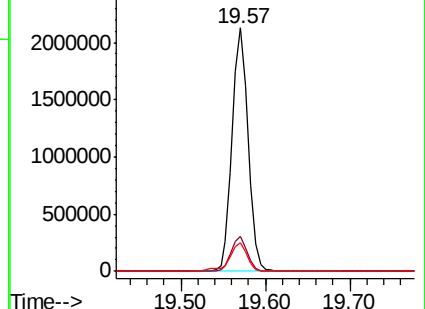
6/4/2019 8:39:26 AM



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): E



#87

Benzo(b)fluoranthene

Concen: 1.069 ng/ul m

RT: 22.95 min Scan# 3366

Delta R.T. -0.00 min

Lab File: BN006047.D

Acq: 03 Jun 2019 21:13

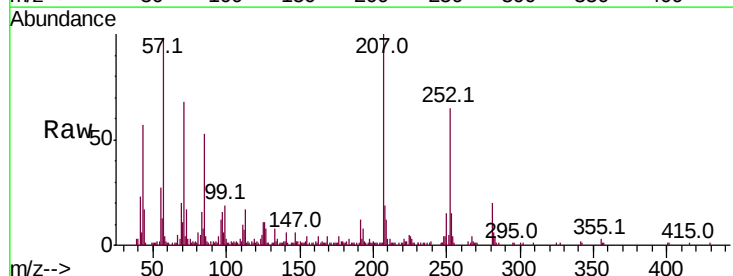
Tgt Ion:252 Resp: 94390

Ion Ratio Lower Upper

252 100

253 23.6 17.3 25.9

125 16.6 8.5 12.7#



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

