

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050219\
 Data File : BN005420.D
 Acq On : 02 May 2019 17:53
 Operator : JU/SJ
 Sample : K2603-02MS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GAJ55MS

Manual Integrations
 APPROVED

Sohil
 5/3/2019 4:57:24 PM

Quant Time: May 03 03:59:40 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri May 03 03:02:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	237008	20.00	ng/ul	0.00
18) Naphthalene-d8	10.35	136	1010685	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.23	164	603527	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.98	188	1349244	20.00	ng/ul	0.00
77) Chrysene-d12	21.22	240	1297386	20.00	ng/ul	0.00
85) Perylene-d12	23.42	264	1429228	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.22	96	23703	4.83	ng/uL	0.00
5) Phenol-d5	6.78	99	483715	25.99	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.94	67	301404	25.96	ng/ul	0.00
9) 2-Chlorophenol-d4	7.13	132	408479	28.67	ng/ul	0.00
13) 4-Methylphenol-d8	8.30	113	389452	26.76	ng/ul	0.00
19) Nitrobenzene-d5	8.73	128	219959	35.36	ng/ul	0.00
22) 2-Nitrophenol-d4	9.45	143	246267	39.05	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.98	165	411682	28.48	ng/ul	0.00
29) 4-Chloroaniline-d4	10.49	131	549410	36.85	ng/ul	0.00
43) Dimethylphthalate-d6	13.65	166	1443598	32.95	ng/ul	0.00
46) Acenaphthylene-d8	13.92	160	1625242	30.20	ng/ul	0.00
51) 4-Nitrophenol-d4	14.44	143	193779	28.01	ng/ul	0.00
57) Fluorene-d10	15.23	176	1166999	31.74	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.36	200	192118	31.66	ng/ul	0.00
70) Anthracene-d10	17.08	188	1740063	30.76	ng/ul	0.00
78) Pyrene-d10	19.39	212	1814997	27.35	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.29	264	1749314	28.01	ng/ul	0.00

Target Compounds

					Ovalue	
6) Phenol	6.80	94	514472	26.870	ng/ul	96
10) 2-Chlorophenol	7.16	128	418725	28.431	ng/ul	95
15) N-Nitroso-di-n-propylamine	8.39	70	371494	29.822	ng/ul#	87
33) 4-Chloro-3-methylphenol	11.65	107	442856	27.568	ng/ul	93
44) Dimethylphthalate	13.69	163	429810	9.846	ng/ul	99
47) Acenaphthylene	13.95	152	64453	1.219	ng/ul	99
49) Acenaphthene	14.29	153	1086328	30.091	ng/ul	100
52) 4-Nitrophenol	14.46	109	164511	26.200	ng/ul	88
54) 2,4-Dinitrotoluene	14.61	165	408669	37.609	ng/ul	89
56) Diethylphthalate	15.07	149	43977	1.005	ng/ul	98
68) Pentachlorophenol	16.63	266	251259	29.647	ng/ul	97
79) Pyrene	19.42	202	2660462	31.849	ng/ul	96
82) Benzo(a)anthracene	21.20	228	111456	1.381	ng/ul#	80
84) Chrysene	21.25	228	137032	1.829	ng/ul#	93
87) Benzo(b)fluoranthene	22.77	252	215124	2.678	ng/ul	97
90) Benzo(a)pyrene	23.33	252	197533	2.616	ng/ul	97
91) Indeno(1,2,3-cd)pyrene	25.61	276	97349m	1.166	ng/ul	

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

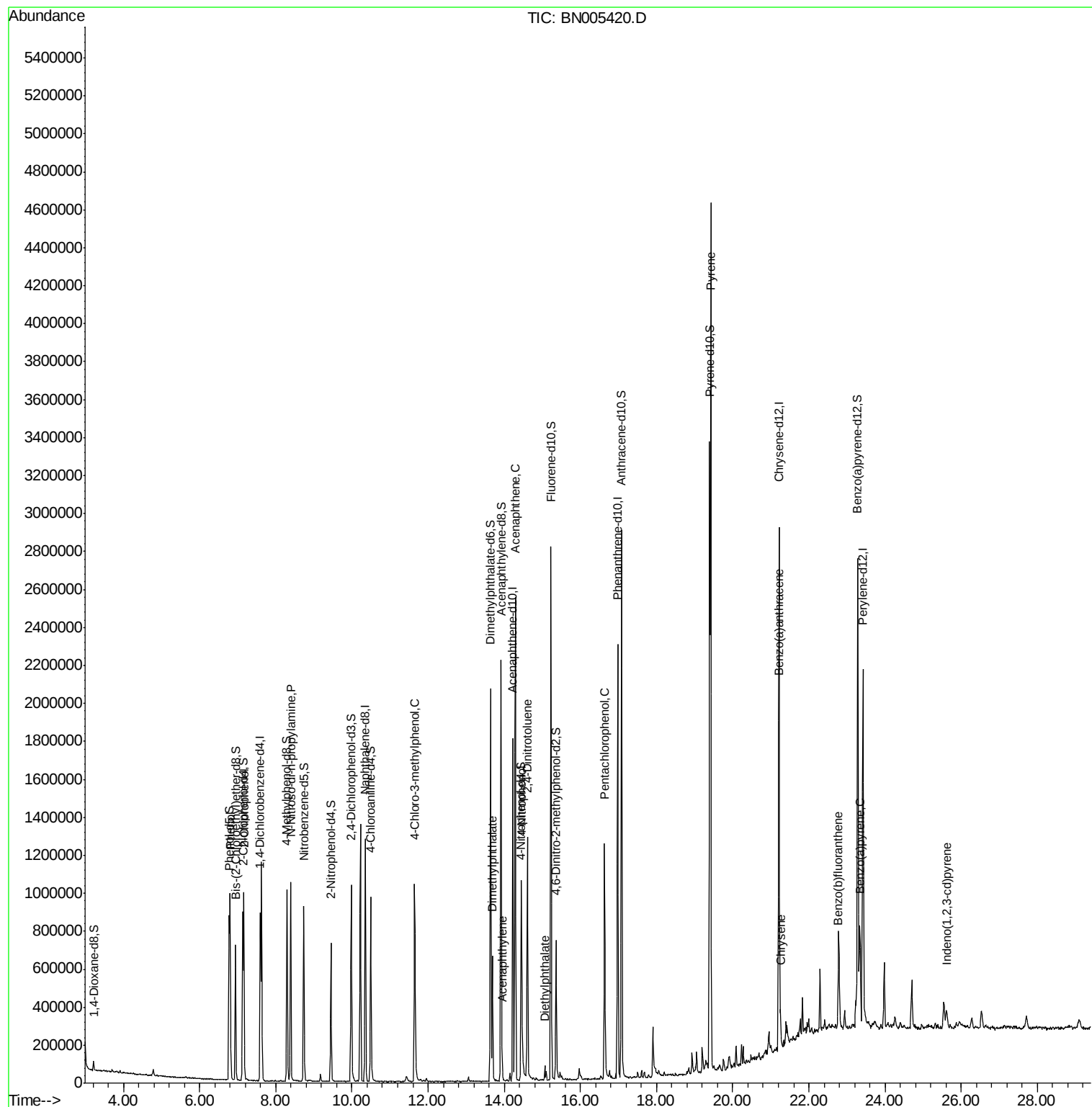
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050219\
Data File : BN005420.D
Acq On : 02 May 2019 17:53
Operator : JU/SJ
Sample : K2603-02MS
Misc :
ALS Vial : 6 Sample Multiplier: 1

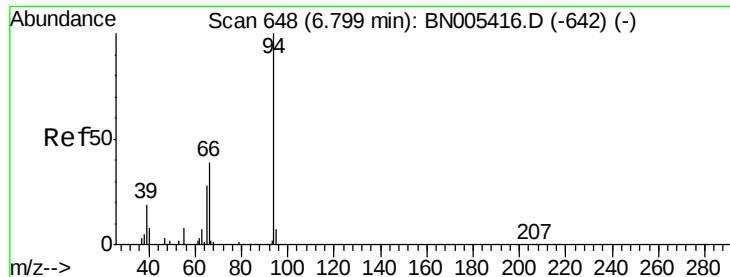
Instrument :
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GAJ55MS

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Quant Time: May 03 03:59:40 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri May 03 03:02:31 2019
Response via : Initial Calibration





#6

Phenol

Concen: 26.870 ng/ul

RT: 6.80 min Scan# 649

Delta R.T. 0.01 min

Lab File: BN005420.D

Acq: 02 May 2019 17:53

Instrument :

BNA_N

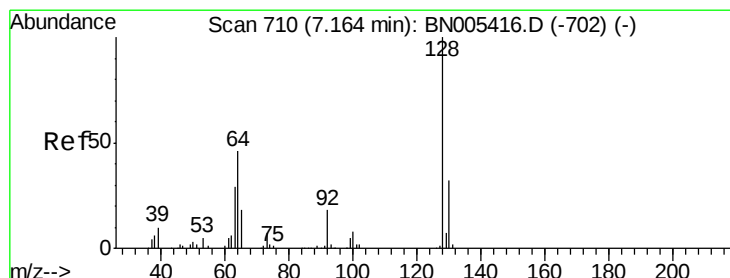
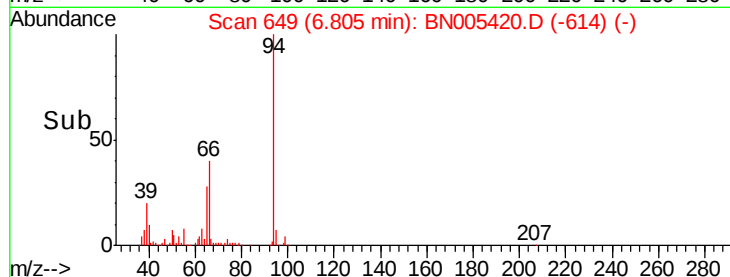
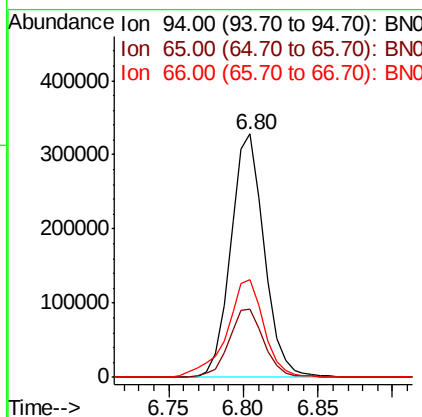
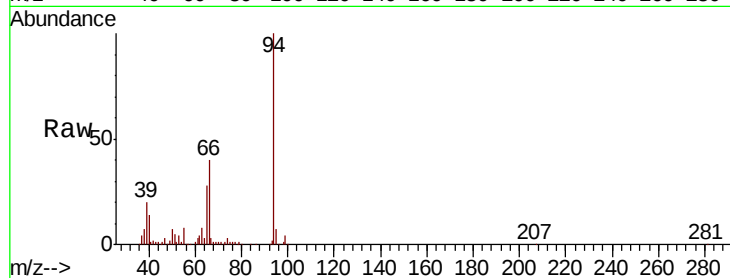
ClientSampleId :

GAJ55MS

Tot Ion:	94	Resp:	514472
Ion	Ratio	Lower	Upper
94	100		
65	28.3	24.2	36.4
66	40.1	33.8	50.6

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#10

2-Chlorophenol

Concen: 28.431 ng/ul

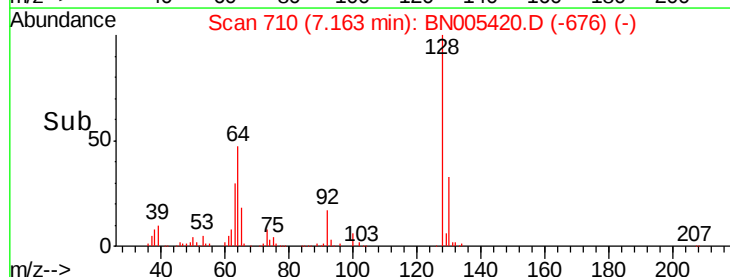
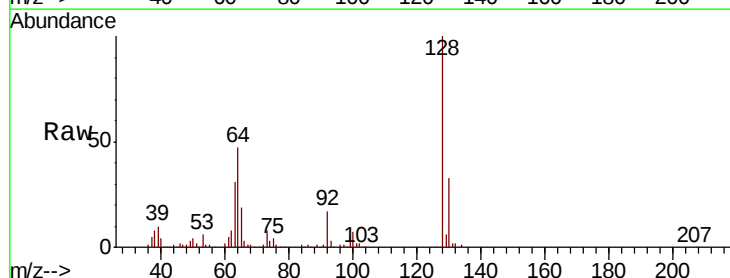
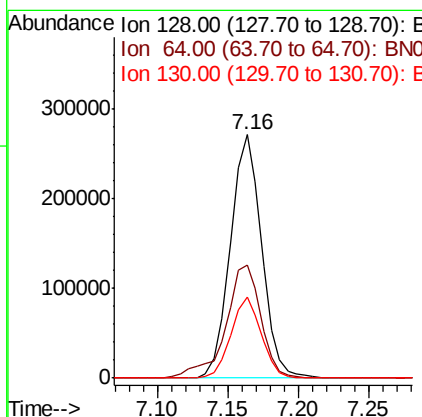
RT: 7.16 min Scan# 710

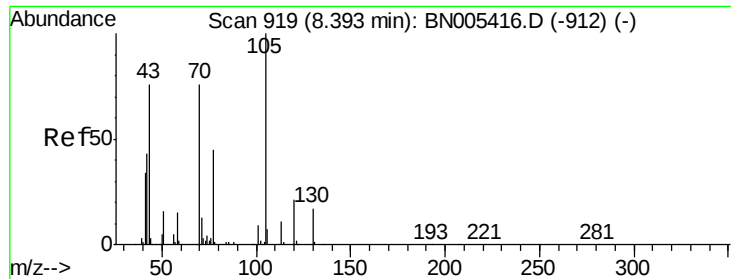
Delta R.T. -0.00 min

Lab File: BN005420.D

Acq: 02 May 2019 17:53

Tgt Ion:	128	Resp:	418725
Ion	Ratio	Lower	Upper
128	100		
64	46.6	42.3	63.5
130	33.1	26.5	39.7





#15

N-Nitroso-di-n-propylamine

Concen: 29.822 ng/ul

RT: 8.39 min Scan# 919

Delta R.T. -0.00 min

Lab File: BN005420.D

Acq: 02 May 2019 17:53

Instrument :

BNA_N

ClientSampleId :

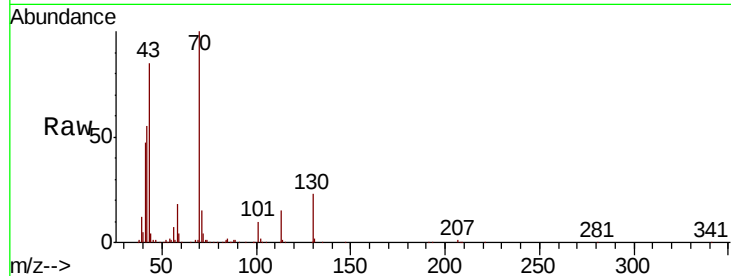
GAJ55MS

Tot Ion: 70 Resp: 371494
Ion Ratio Lower Upper

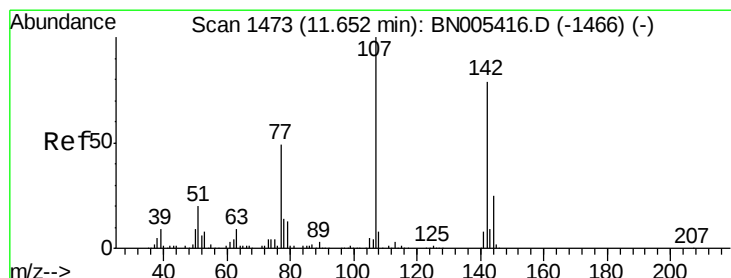
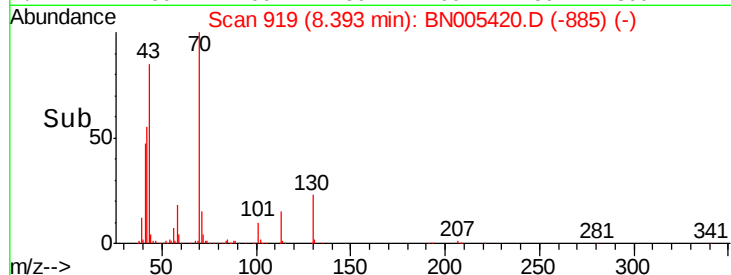
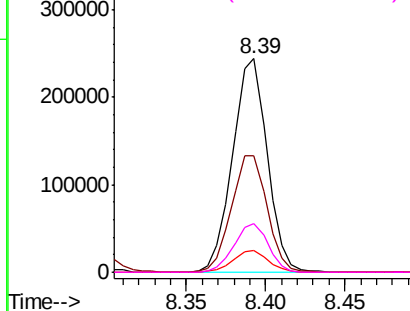
70	100		
42	54.6	53.8	80.8
101	10.4	7.7	11.5
130	22.8	15.0	22.4

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Abundance Ion 70.00 (69.70 to 70.70): BN0
Ion 42.00 (41.70 to 42.70): BN0
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E



#33

4-Chloro-3-methylphenol

Concen: 27.568 ng/ul

RT: 11.65 min Scan# 1472

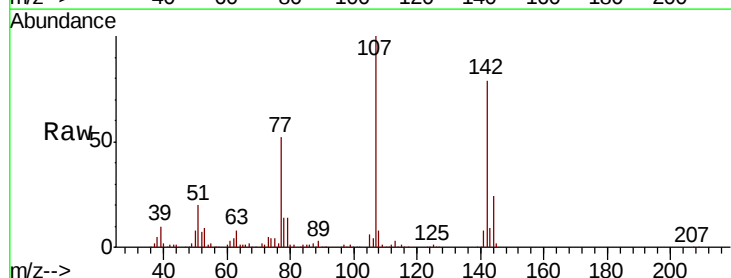
Delta R.T. -0.01 min

Lab File: BN005420.D

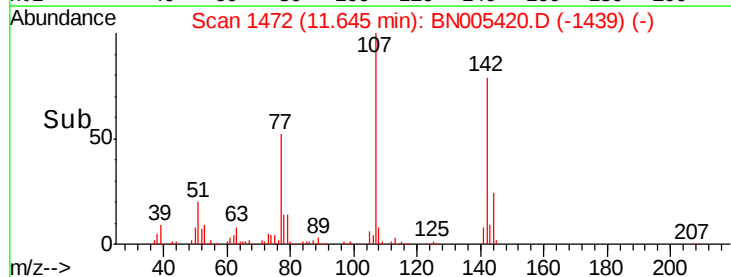
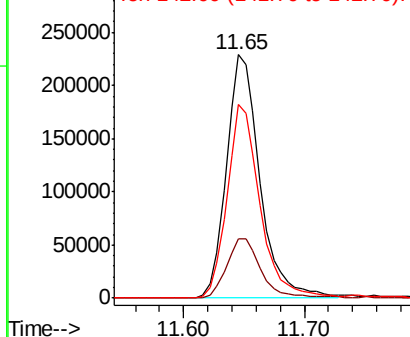
Acq: 02 May 2019 17:53

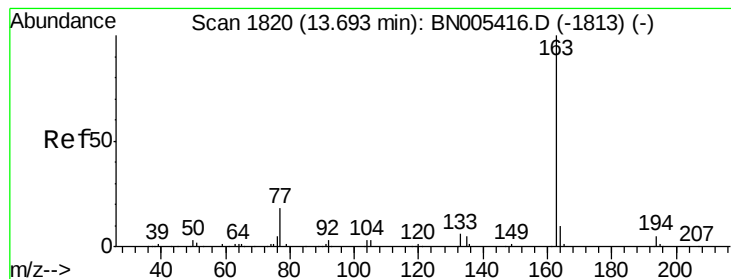
Tgt Ion: 107 Resp: 442856
Ion Ratio Lower Upper

107	100		
144	24.5	19.4	29.0
142	79.5	57.7	86.5



Abundance Ion 107.00 (106.70 to 107.70): E
Ion 144.00 (143.70 to 144.70): E
Ion 142.00 (141.70 to 142.70): E





#44

Dimethylphthalate

Concen: 9.846 ng/ul

RT: 13.69 min Scan# 1820

Delta R.T. -0.00 min

Lab File: BN005420.D

Acq: 02 May 2019 17:53

Instrument :

BNA_N

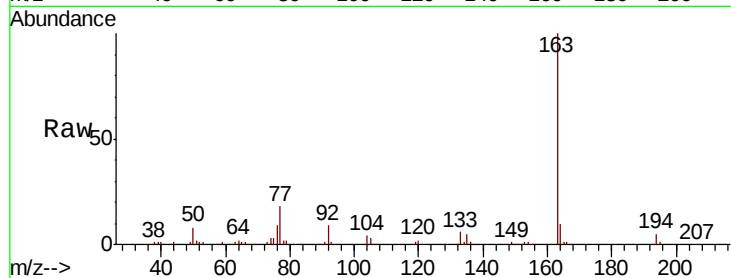
ClientSampleId :

GAJ55MS

Tot Ion:	163	Resp:	429810
Ion Ratio	Lower	Upper	
163	100		
194	4.7	3.4	5.0
164	10.3	8.1	12.1

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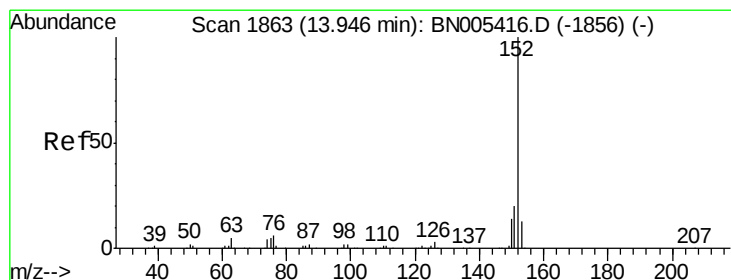
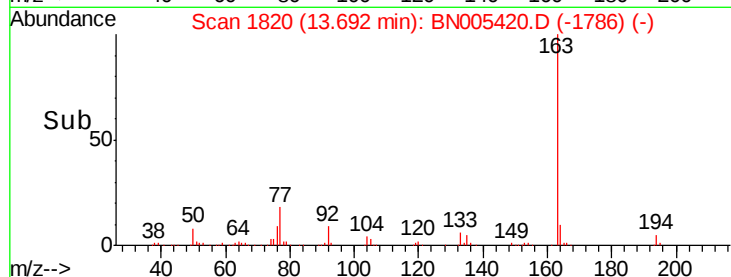
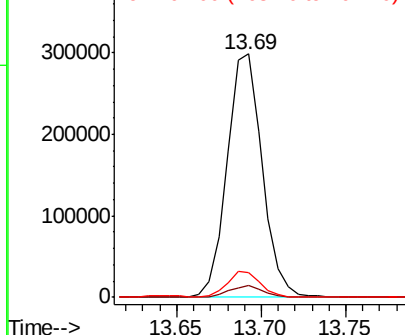


Abundance

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



#47

Acenaphthylene

Concen: 1.219 ng/ul

RT: 13.95 min Scan# 1863

Delta R.T. -0.00 min

Lab File: BN005420.D

Acq: 02 May 2019 17:53

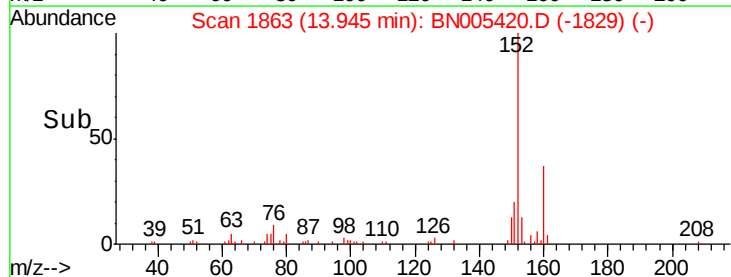
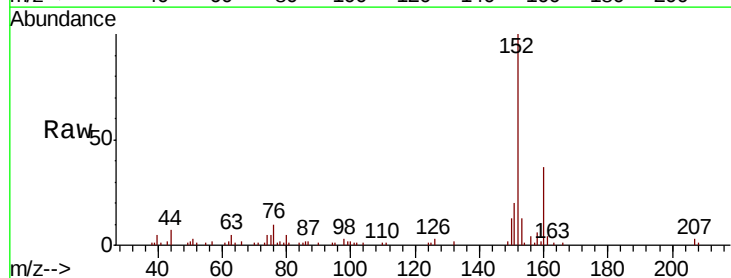
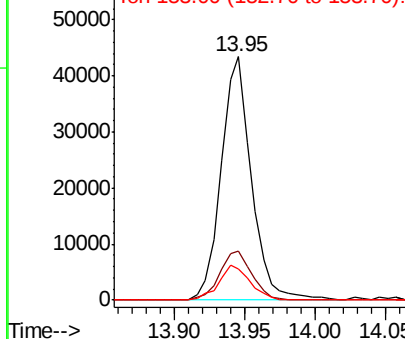
Tgt Ion:	152	Resp:	64453
Ion Ratio	Lower	Upper	
152	100		
151	20.1	15.8	23.8
153	12.9	9.8	14.8

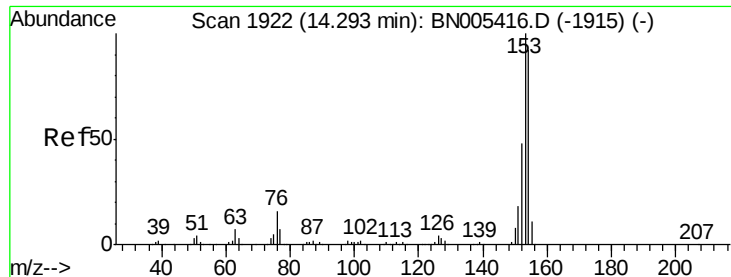
Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#49

Acenaphthene

Concen: 30.091 ng/ul

RT: 14.29 min Scan# 1921

Delta R.T. -0.01 min

Lab File: BN005420.D

Acq: 02 May 2019 17:53

Instrument :

BNA_N

ClientSampleId :

GAJ55MS

Tot Ion:153 Resp: 1086328

Ion Ratio Lower Upper

153 100

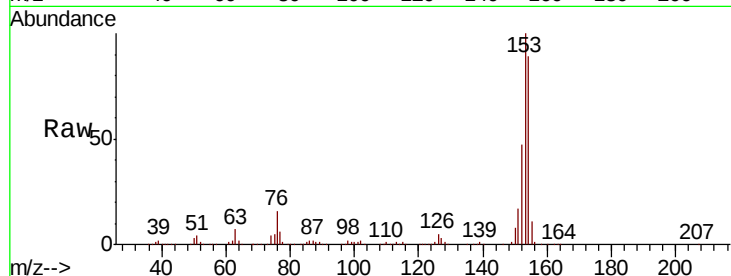
152 46.8 37.4 56.0

154 88.6 71.2 106.8

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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

14.29

800000

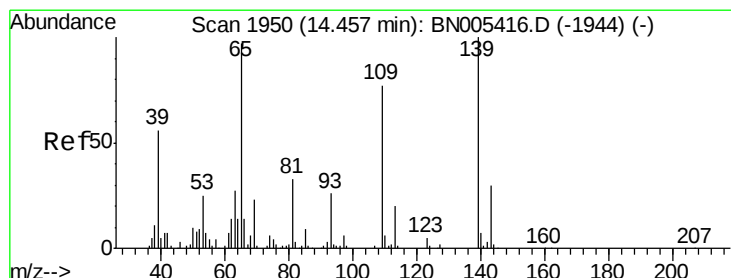
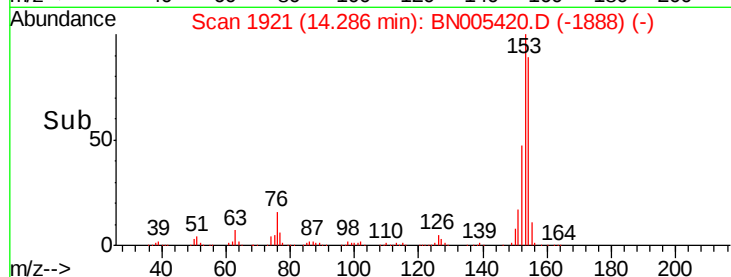
600000

400000

200000

0

Time--> 14.20 14.25 14.30 14.35



#52

4-Nitrophenol

Concen: 26.200 ng/ul

RT: 14.46 min Scan# 1950

Delta R.T. -0.00 min

Lab File: BN005420.D

Acq: 02 May 2019 17:53

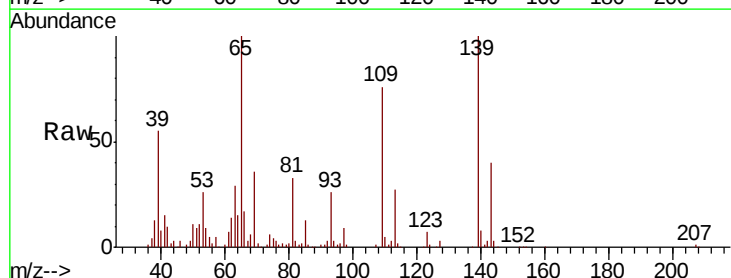
Tgt Ion:109 Resp: 164511

Ion Ratio Lower Upper

109 100

139 131.8 92.3 138.5

65 131.9 97.5 146.3



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

14.46

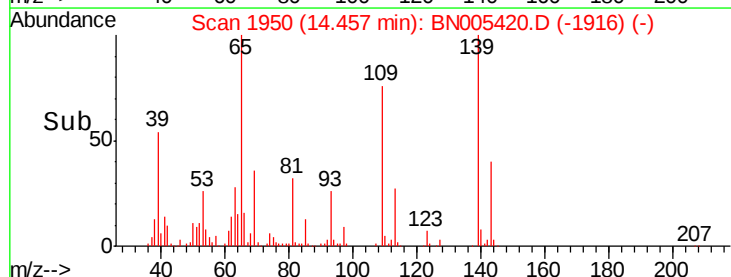
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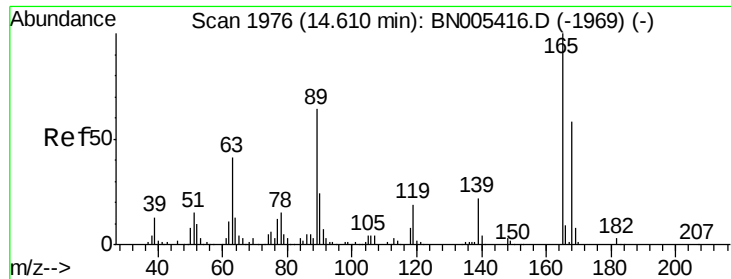
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50000

0

Time--> 14.40 14.50





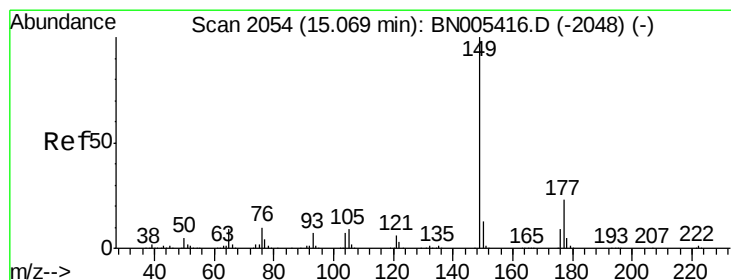
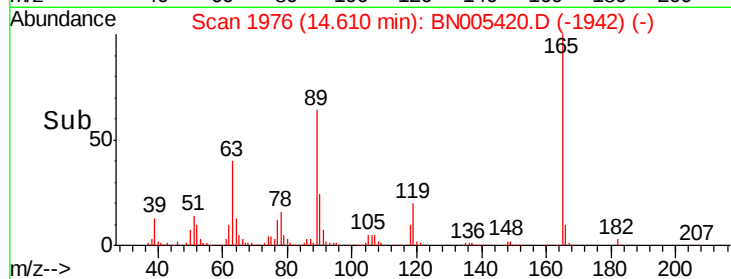
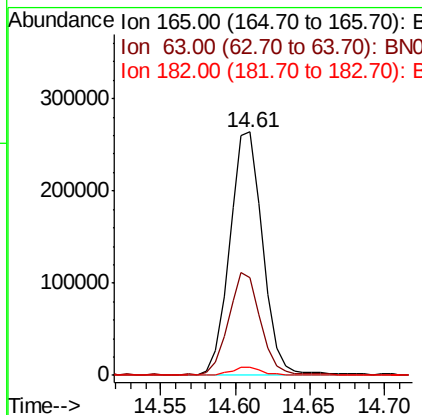
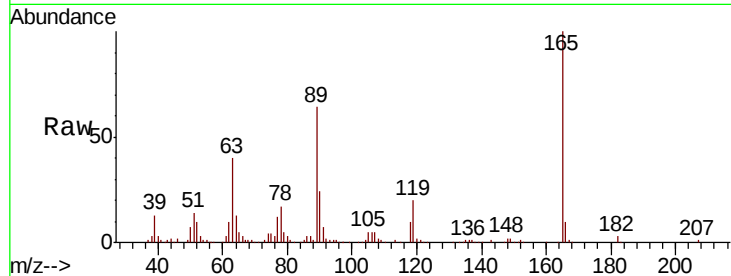
#54
 2,4-Dinitrotoluene
 Concen: 37.609 ng/ul
 RT: 14.61 min Scan# 1976
 Delta R.T. -0.00 min
 Lab File: BN005420.D
 Acq: 02 May 2019 17:53

Instrument :
 BNA_N
 ClientSampleId :
 GAJ55MS

Tot Ion:	165	Resp:	408669
Ion Ratio	Lower	Upper	
165	100		
63	40.3	38.9	58.3
182	3.3	2.6	3.8

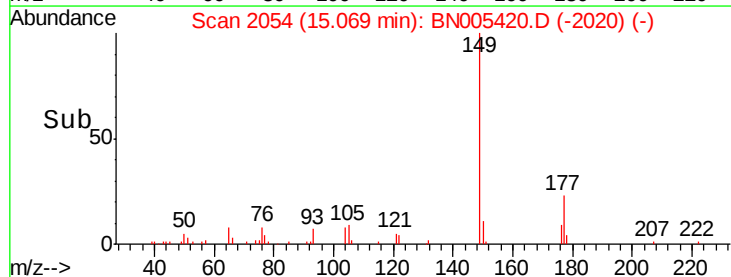
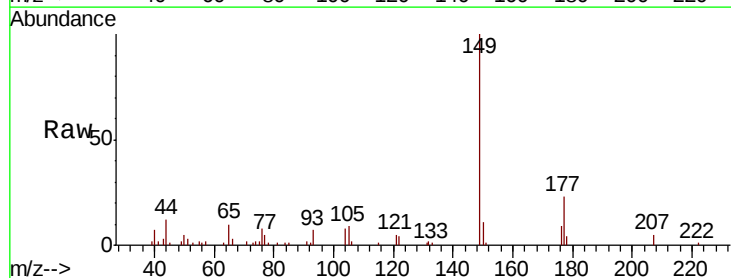
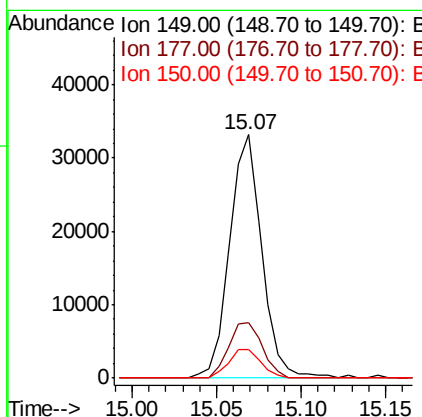
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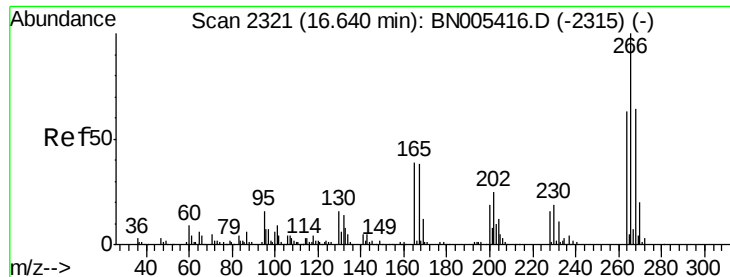
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#56
 Diethylphthalate
 Concen: 1.005 ng/ul
 RT: 15.07 min Scan# 2054
 Delta R.T. -0.00 min
 Lab File: BN005420.D
 Acq: 02 May 2019 17:53

Tgt Ion:	149	Resp:	43977
Ion Ratio	Lower	Upper	
149	100		
177	22.9	17.7	26.5
150	11.5	10.0	15.0





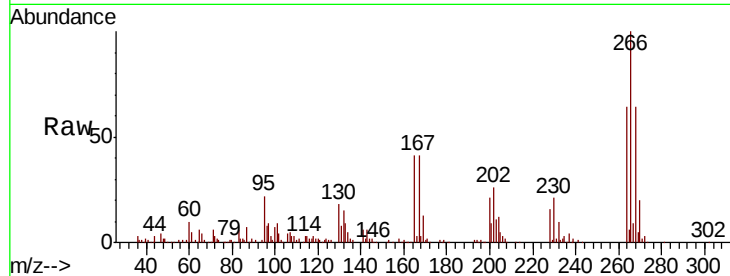
#68
 Pentachlorophenol
 Concen: 29.647 ng/ul
 RT: 16.63 min Scan# 2320
 Delta R.T. -0.01 min
 Lab File: BN005420.D
 Acq: 02 May 2019 17:53

Instrument :
 BNA_N
 ClientSampleId :
 GAJ55MS

Tot Ion	Ratio	Resp	Lower	Upper
266	100	251259		
264	64.5	49.7	74.5	
268	63.7	52.4	78.6	

Manual Integrations
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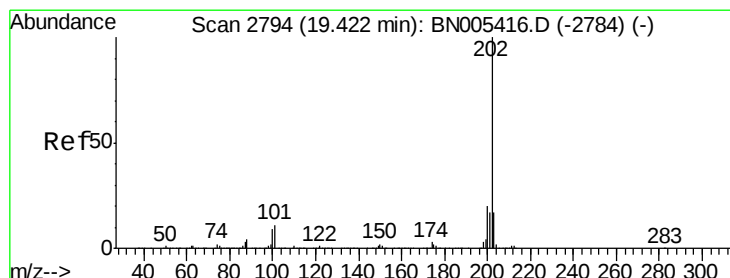
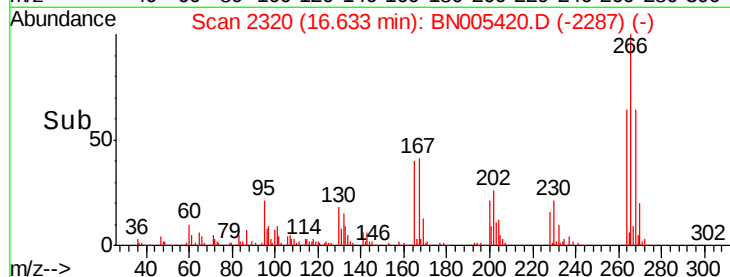
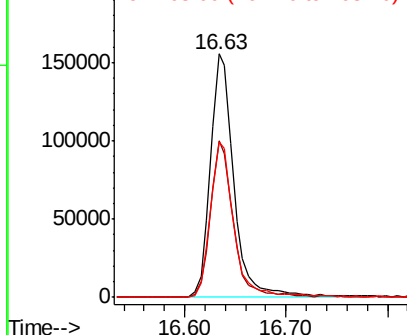


Abundance

Ion 265.70 (265.40 to 266.40): E

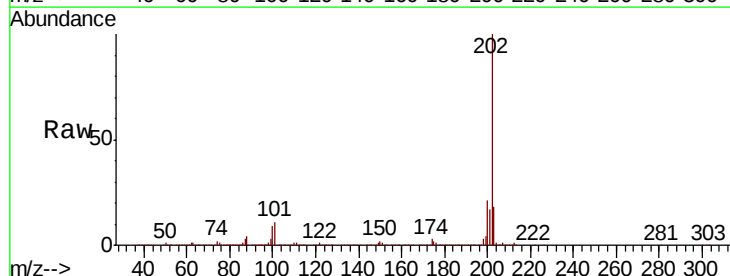
Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E



#79
 Pyrene
 Concen: 31.849 ng/ul
 RT: 19.42 min Scan# 2794
 Delta R.T. -0.00 min
 Lab File: BN005420.D
 Acq: 02 May 2019 17:53

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	2660462		
101	10.7	10.3	15.5	
100	8.9	7.9	11.9	

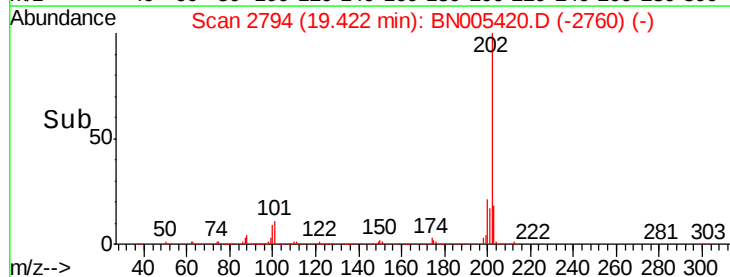
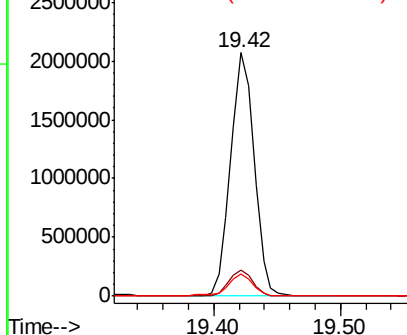


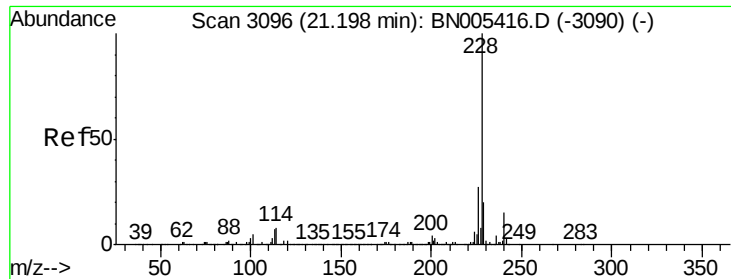
Abundance

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





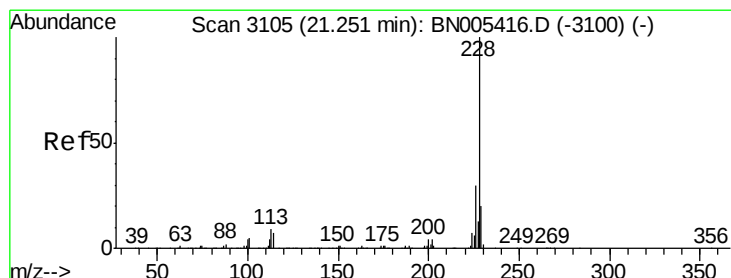
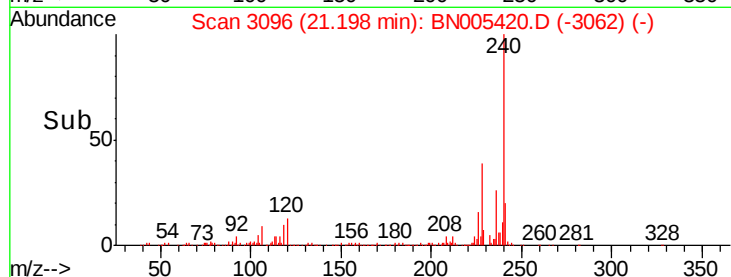
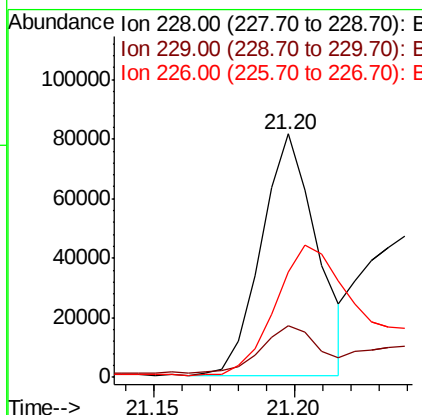
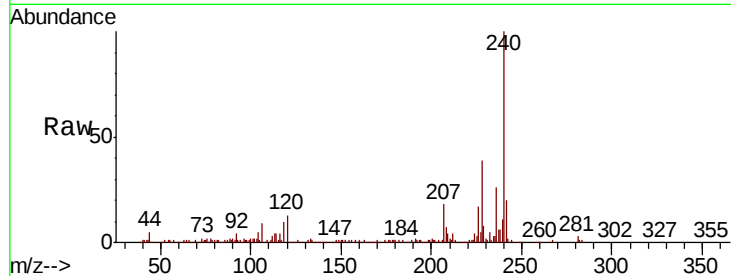
#82
Benzo(a)anthracene
Concen: 1.381 ng/ul
RT: 21.20 min Scan# 3096
Delta R.T. -0.00 min
Lab File: BN005420.D
Acq: 02 May 2019 17:53

Instrument :
BNA_N
ClientSampleId :
GAJ55MS

Tot Ion	Ratio	Lower	Upper
228	100		
229	21.2	15.8	23.6
226	43.1	21.4	32.2

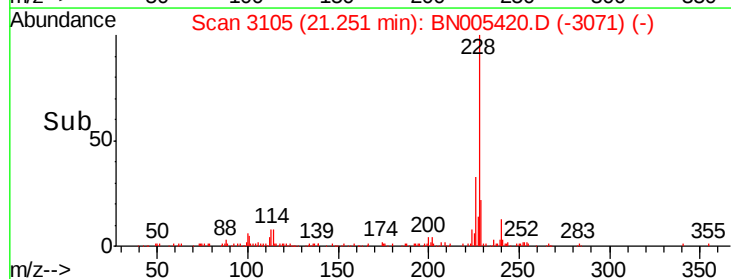
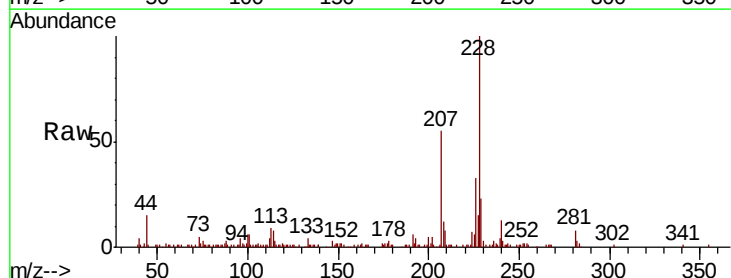
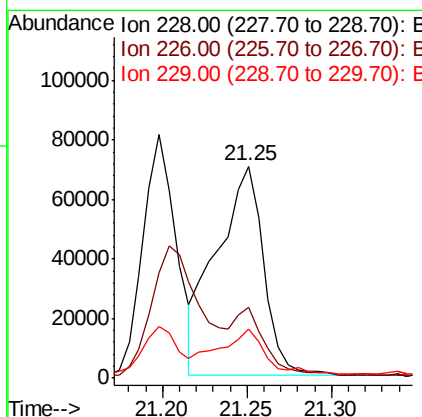
Manual Integrations
APPROVED

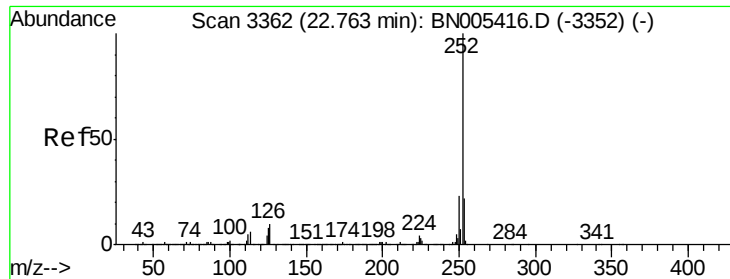
Sohil
5/3/2019 4:57:24 PM



#84
Chrysene
Concen: 1.829 ng/ul
RT: 21.25 min Scan# 3105
Delta R.T. -0.00 min
Lab File: BN005420.D
Acq: 02 May 2019 17:53

Tgt Ion	Ratio	Lower	Upper
228	100		
226	33.3	24.0	36.0
229	23.1	15.4	23.0





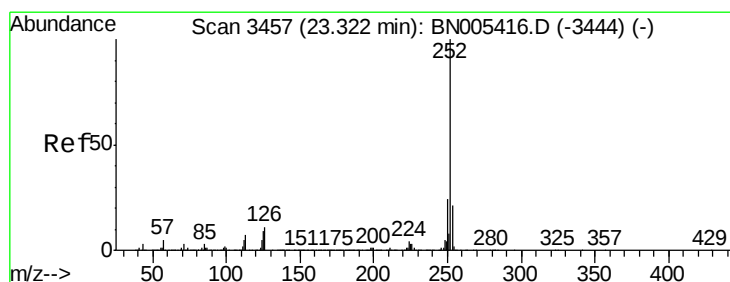
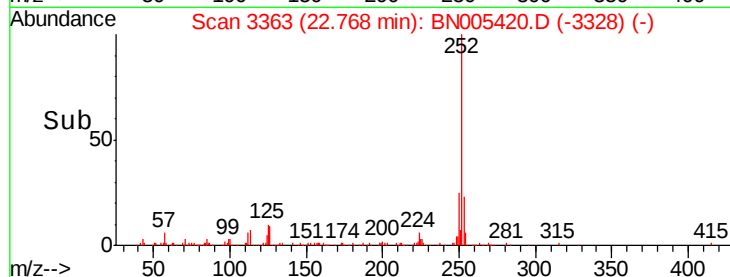
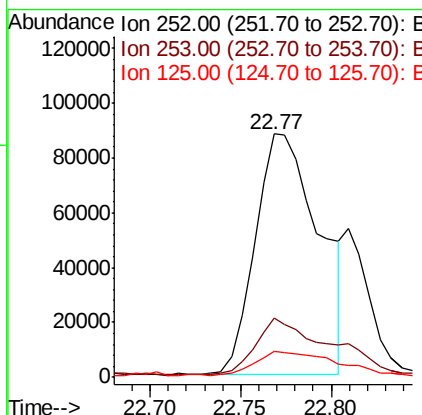
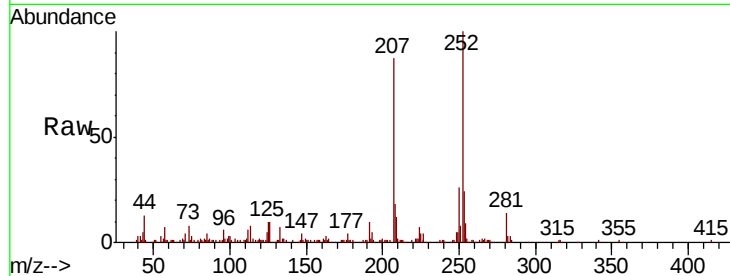
#87
Benzo(b)fluoranthene
Concen: 2.678 ng/ul
RT: 22.77 min Scan# 3363
Delta R.T. 0.01 min
Lab File: BN005420.D
Acq: 02 May 2019 17:53

Instrument :
BNA_N
ClientSampleId :
GAJ55MS

Tot Ion:	252	Resp:	215124
Ion Ratio	Lower	Upper	
252	100		
253	24.2	17.7	26.5
125	10.5	8.4	12.6

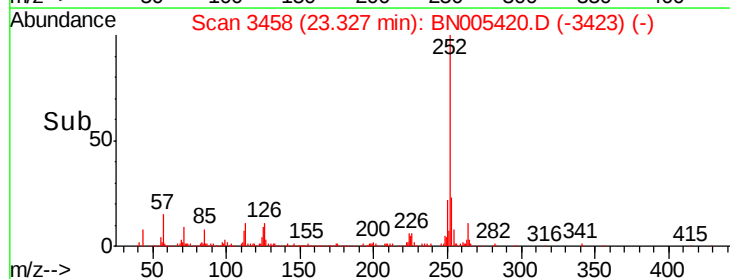
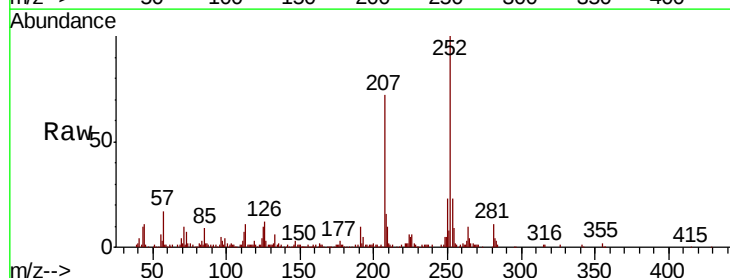
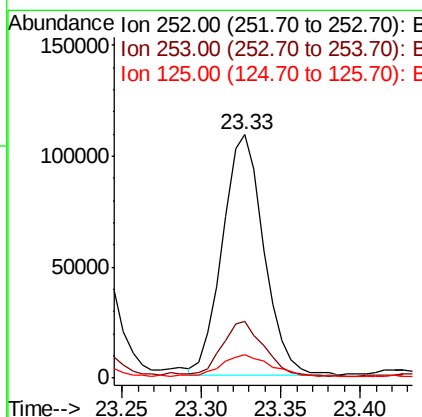
Manual Integrations
APPROVED

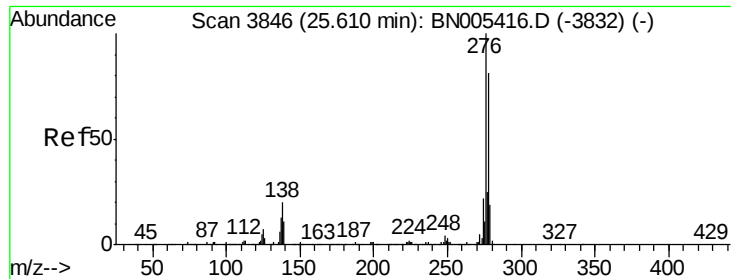
Sohil
5/3/2019 4:57:24 PM



#90
Benzo(a)pyrene
Concen: 2.616 ng/ul
RT: 23.33 min Scan# 3458
Delta R.T. 0.01 min
Lab File: BN005420.D
Acq: 02 May 2019 17:53

Tgt Ion:	252	Resp:	197533
Ion Ratio	Lower	Upper	
252	100		
253	23.3	17.3	25.9
125	9.6	8.6	13.0





#91
 Indeno(1,2,3-cd)pyrene
 Concen: 1.166 ng/ul m
 RT: 25.61 min Scan# 3846
 Delta R.T. -0.00 min
 Lab File: BN005420.D
 Acq: 02 May 2019 17:53

Instrument :
 BNA_N
 ClientSampleId :
 GAJ55MS

Tot Ion	Ratio	Lower	Upper
276	100		
138	16.8	17.9	26.9#
277	24.4	19.7	29.5

Manual Integrations
 APPROVED

Sohil
 5/3/2019 4:57:24 PM

