

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN100618\
 Data File : BN002964.D
 Acq On : 05 Oct 2018 13:22
 Operator : MJ/SJ
 Sample : J5184-12 5X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 JLC34

Manual Integrations
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Quant Time: Oct 06 02:14:59 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN091418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Oct 06 01:07:30 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	130677	20.00	ng/ul	0.00
18) Naphthalene-d8	10.40	136	590009	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.27	164	357044	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.02	188	802435	20.00	ng/ul	0.00
77) Chrysene-d12	21.23	240	660332	20.00	ng/ul	0.00
85) Perylene-d12	23.44	264	589752	20.00	ng/ul	0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.20	96	2922	1.03	ng/uL	0.00
5) Phenol-d5	6.83	99	63375	5.71	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	6.97	67	40297	5.85	ng/ul	0.00
9) 2-Chlorophenol-d4	7.17	132	55724	6.10	ng/ul	0.00
13) 4-Methylphenol-d8	8.35	113	50289	5.85	ng/ul	0.01
19) Nitrobenzene-d5	8.78	128	26115	5.71	ng/ul	0.00
22) 2-Nitrophenol-d4	9.50	143	29240	5.65	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	10.05	165	52820	5.66	ng/ul	0.02
29) 4-Chloroaniline-d4	10.56	131	50998	4.72	ng/ul	0.02
43) Dimethylphthalate-d6	13.68	166	175709	6.29	ng/ul	0.00
46) Acenaphthylene-d8	13.96	160	229051	6.28	ng/ul	0.00
51) 4-Nitrophenol-d4	14.55	143	19437	4.21	ng/ul	0.04
57) Fluorene-d10	15.27	176	164102	6.70	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.43	200	6443	1.28	ng/ul	0.02
70) Anthracene-d10	17.12	188	250040	6.53	ng/ul	0.00
78) Pyrene-d10	19.43	212	254358	7.30	ng/ul	0.01
89) Benzo(a)pyrene-d12	23.30	264	198170	6.38	ng/ul	0.02

Target Compounds

					Qvalue
44) Dimethylphthalate	13.73	163	279980	10.264	ng/ul 100
69) Phenanthrene	17.06	178	659232	14.911	ng/ul 99
71) Anthracene	17.15	178	189702	4.232	ng/ul 98
74) Carbazole	17.43	167	87264	2.268	ng/ul 98
75) Di-n-butylphthalate	17.99	149	59955	1.299	ng/ul 97
76) Fluoranthene	19.09	202	1865658	39.558	ng/ul 100
79) Pyrene	19.46	202	1937560	44.378	ng/ul 98
80) Butylbenzylphthalate	20.36	149	99127	5.456	ng/ul 97
82) Benzo(a)anthracene	21.22	228	937531	22.823	ng/ul 100
83) Bis(2-ethylhexyl)phthalate	21.14	149	316724	12.008	ng/ul 99
84) Chrysene	21.27	228	1514888	39.344	ng/ul 98
87) Benzo(b)fluoranthene	22.79	252	1393151	38.680	ng/ul# 96
88) Benzo(k)fluoranthene	22.83	252	372133m	11.075	ng/ul
90) Benzo(a)pyrene	23.35	252	617279	18.128	ng/ul# 97
91) Indeno(1,2,3-cd)pyrene	25.66	276	411946	10.219	ng/ul 96
92) Dibenzo(a,h)anthracene	25.65	278	124754	3.673	ng/ul# 80
93) Benzo(g,h,i)perylene	26.33	276	361411	10.725	ng/ul 99

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

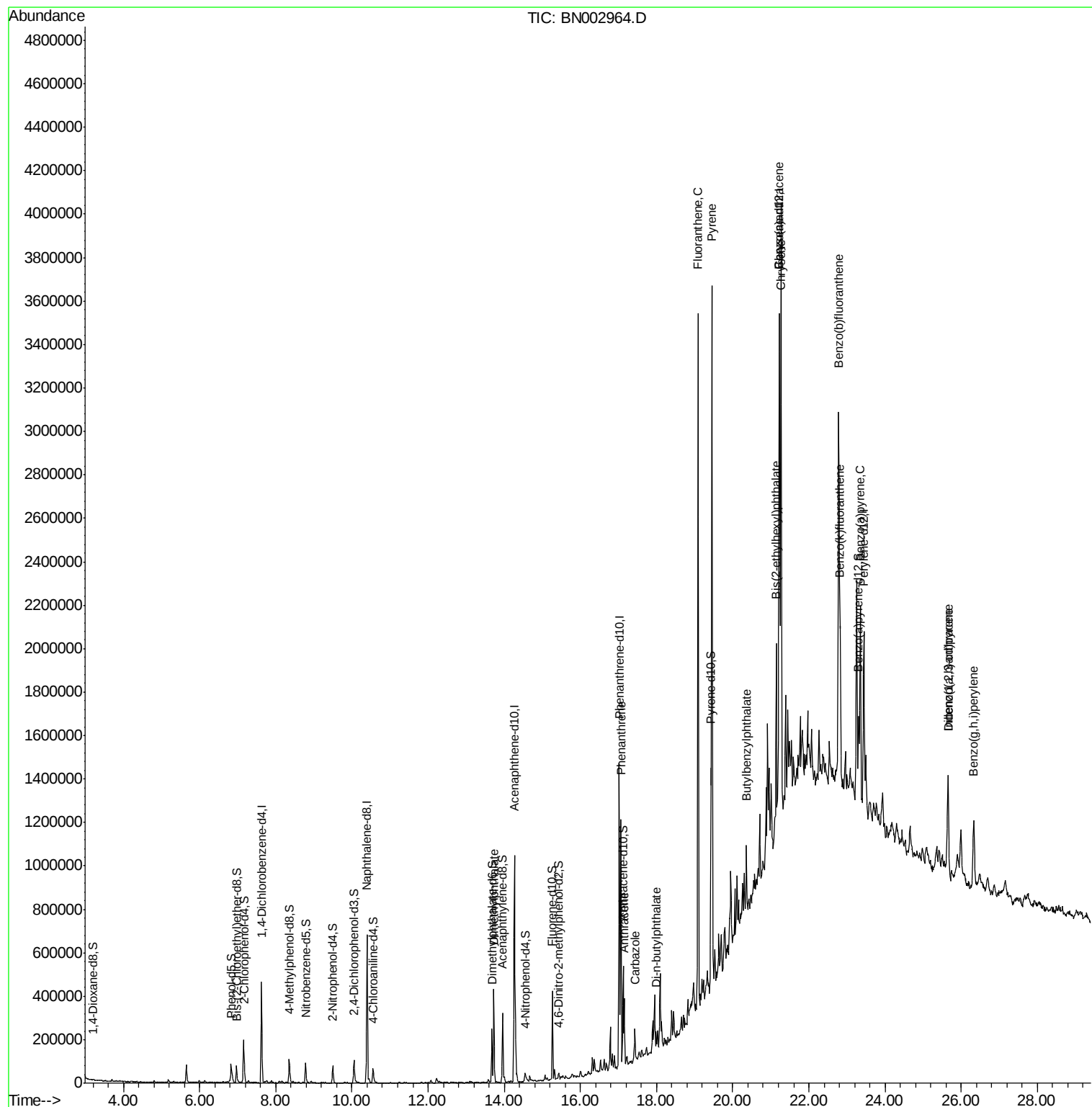
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Data File : BN002964.D
Acq On : 05 Oct 2018 13:22
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Sample : J5184-12 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

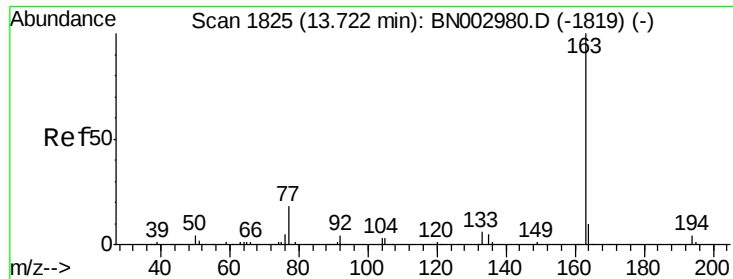
Instrument :
BNA_N
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Quant Title : SVOA CALIBRATION
QLast Update : Sat Oct 06 01:07:30 2018
Response via : Initial Calibration

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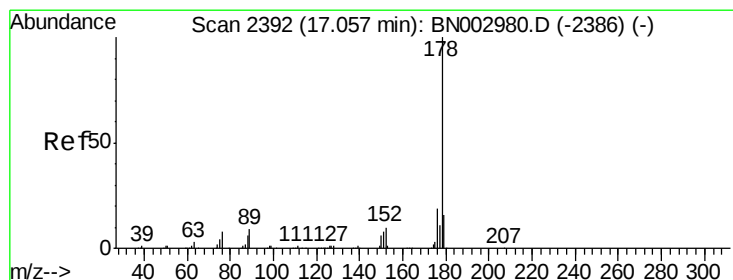
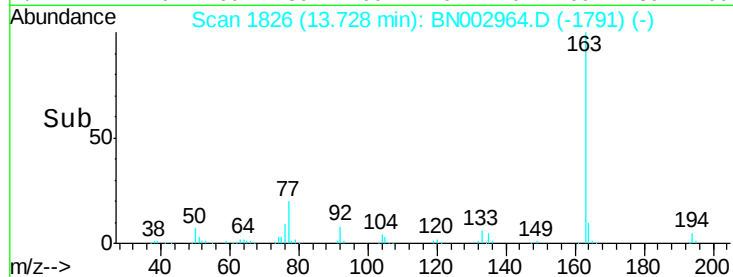
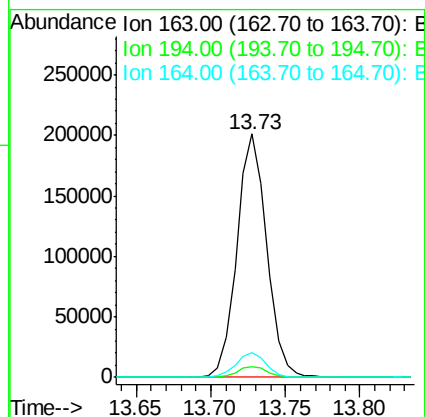
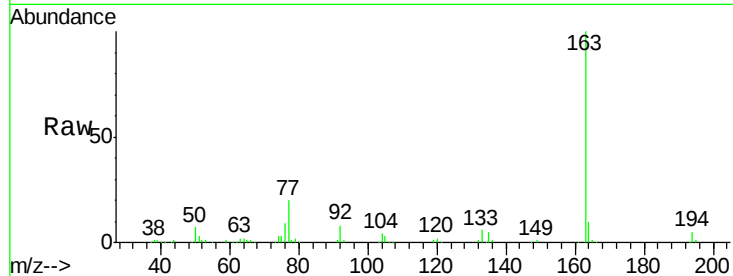
#44
Dimethylphthalate
Concen: 10.264 ng/ul
RT: 13.73 min Scan# 1826
Delta R.T. 0.01 min
Lab File: BN002964.D
Acq: 05 Oct 2018 13:22

Instrument :
BNA_N
ClientSampled :
JLC34

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	279980		
194	4.6	3.5	5.3	
164	10.2	8.1	12.1	

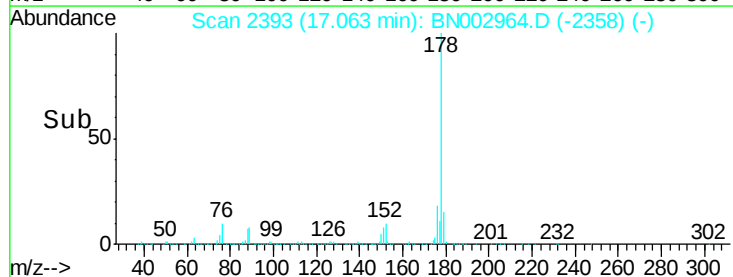
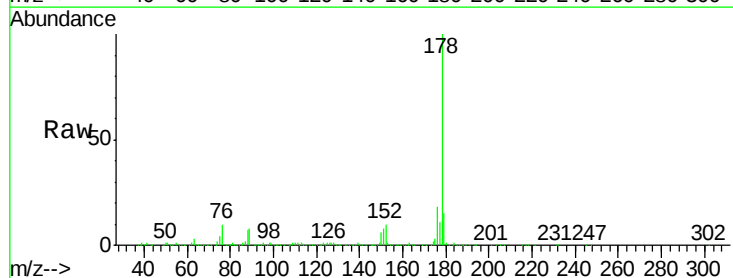
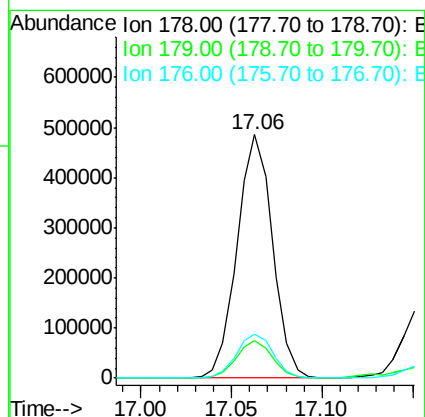
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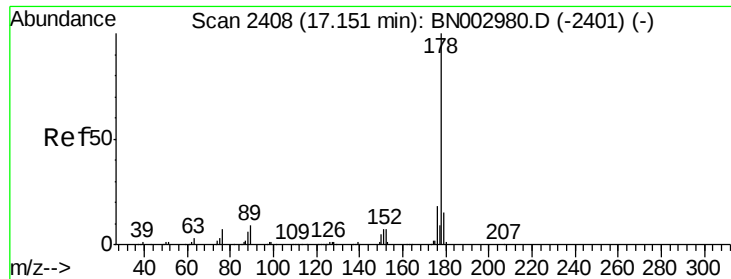
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#69
Phenanthrene
Concen: 14.911 ng/ul
RT: 17.06 min Scan# 2393
Delta R.T. 0.01 min
Lab File: BN002964.D
Acq: 05 Oct 2018 13:22

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	659232		
179	15.2	12.2	18.4	
176	18.3	15.0	22.6	





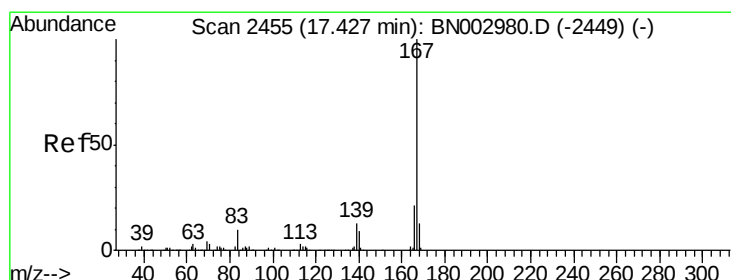
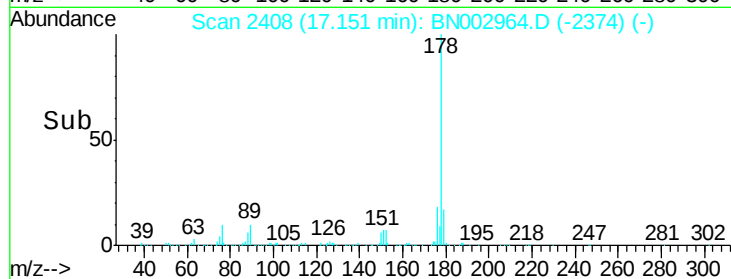
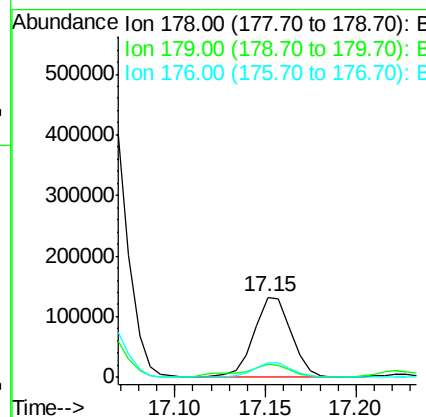
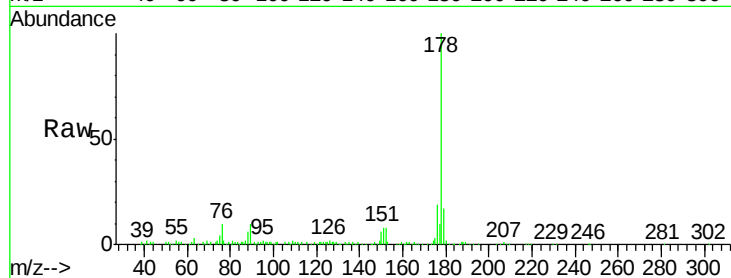
#71
 Anthracene
 Concen: 4.232 ng/ul
 RT: 17.15 min Scan# 2408
 Delta R.T. -0.00 min
 Lab File: BN002964.D
 Acq: 05 Oct 2018 13:22

Instrument :
 BNA_N
 ClientSampled :
 JLC34

Tgt Ion	Ratio	Lower	Upper
178	100		
179	16.7	12.0	18.0
176	18.7	15.0	22.4

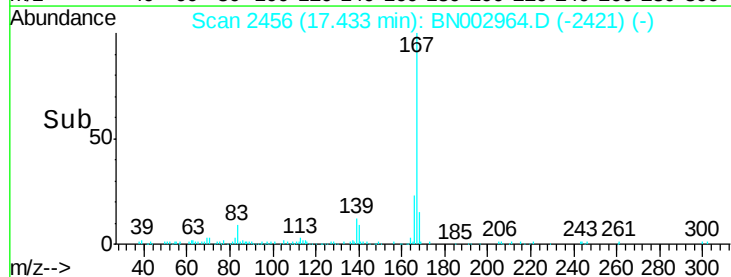
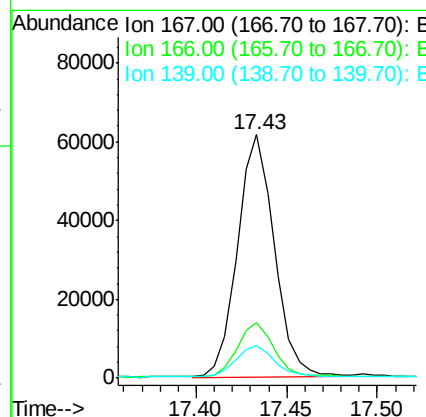
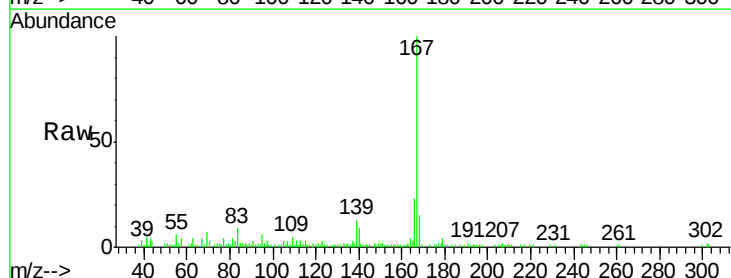
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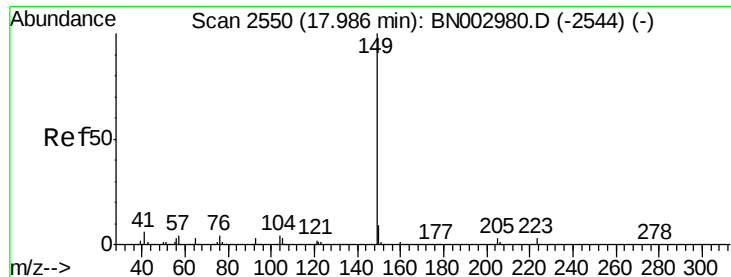
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#74
 Carbazole
 Concen: 2.268 ng/ul
 RT: 17.43 min Scan# 2456
 Delta R.T. 0.01 min
 Lab File: BN002964.D
 Acq: 05 Oct 2018 13:22

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.6	17.0	25.6
139	13.2	10.7	16.1





#75

Di-n-butylphthalate

Concen: 1.299 ng/ul

RT: 17.99 min Scan# 2551

Delta R.T. 0.01 min

Lab File: BN002964.D

Acq: 05 Oct 2018 13:22

Instrument :

BNA_N

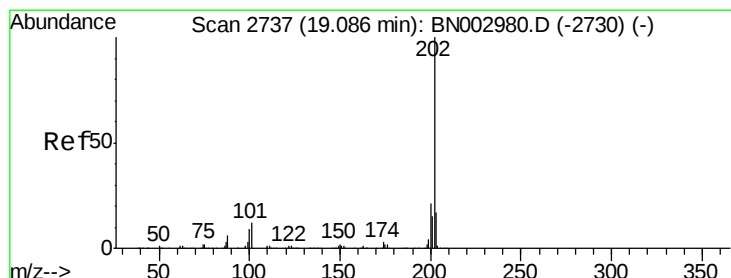
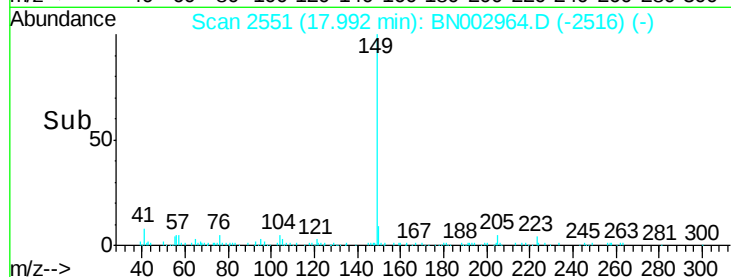
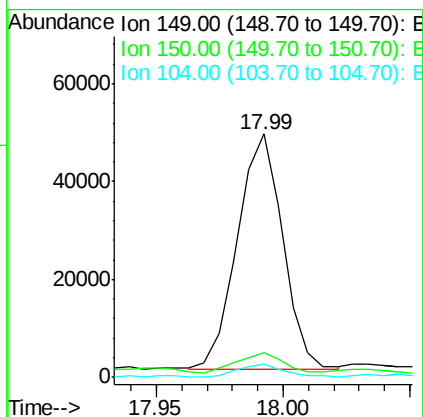
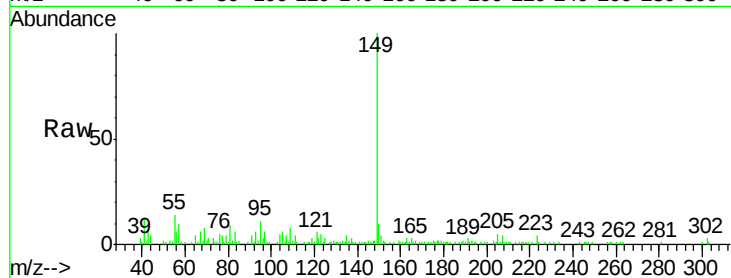
ClientSampleId :

JLC34

Tgt Ion:	149	Resp:	59955
Ion Ratio	Lower	Upper	
149	100		
150	10.3	7.3	10.9
104	5.2	3.7	5.5

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#76

Fluoranthene

Concen: 39.558 ng/ul

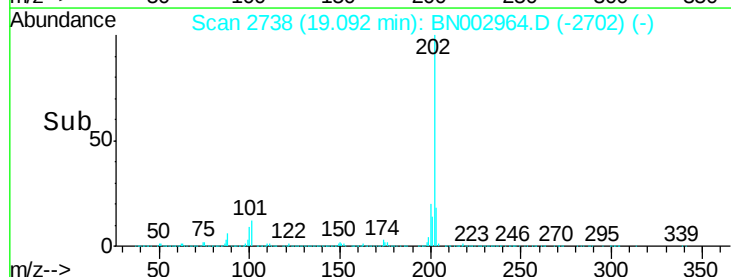
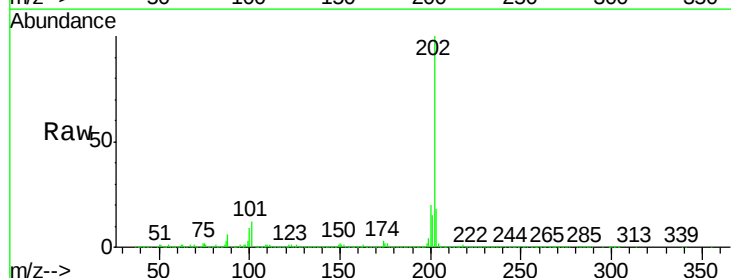
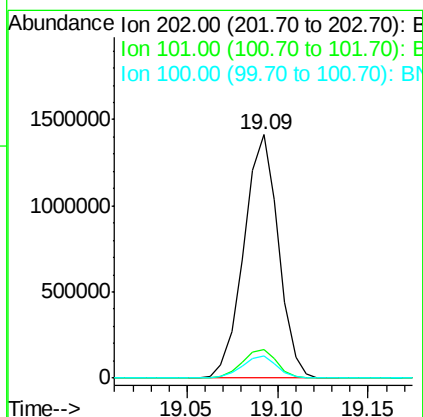
RT: 19.09 min Scan# 2738

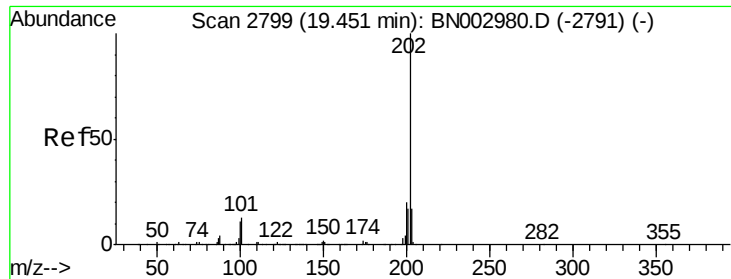
Delta R.T. 0.01 min

Lab File: BN002964.D

Acq: 05 Oct 2018 13:22

Tgt Ion:	202	Resp:	1865658
Ion Ratio	Lower	Upper	
202	100		
101	11.7	9.4	14.2
100	9.0	7.0	10.6





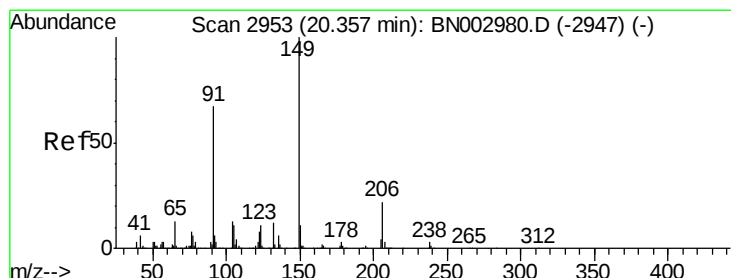
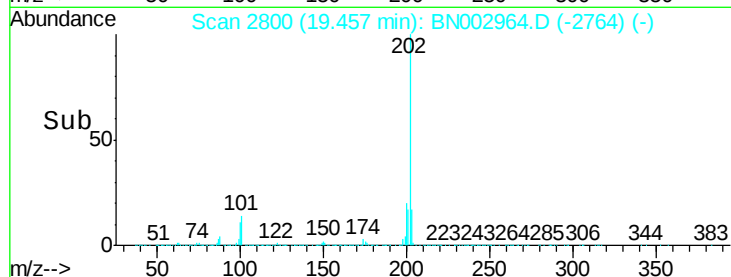
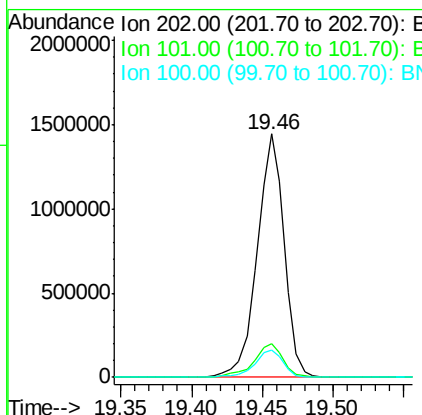
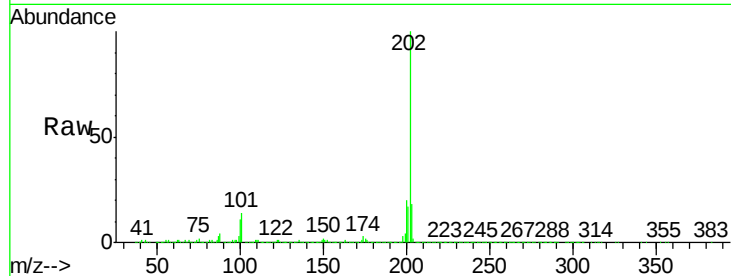
#79
Pyrene
Concen: 44.378 ng/ul
RT: 19.46 min Scan# 2800
Delta R.T. 0.01 min
Lab File: BN002964.D
Acq: 05 Oct 2018 13:22

Instrument :
BNA_N
ClientSampleId :
JLC34

Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.7	10.8	16.2
100	11.3	8.2	12.2

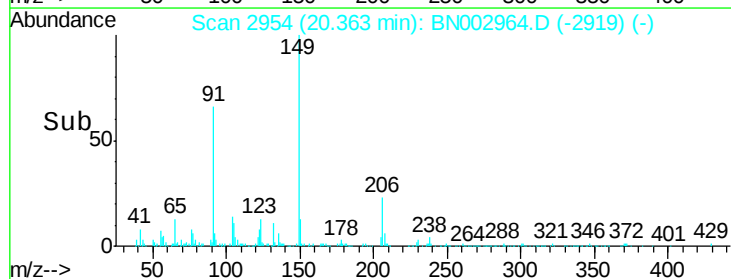
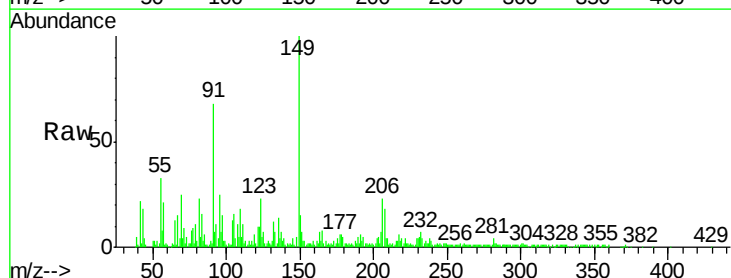
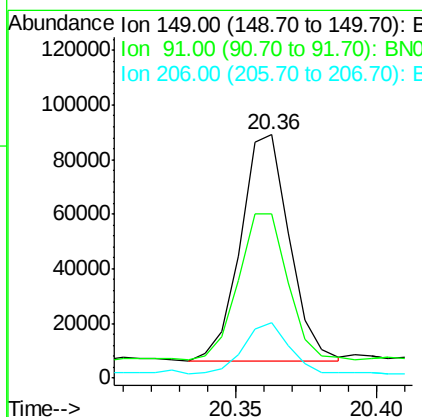
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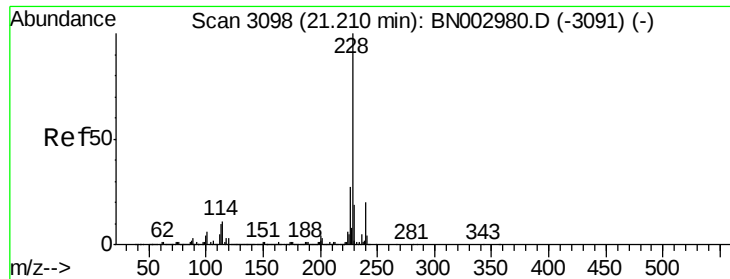
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#80
Butylbenzylphthalate
Concen: 5.456 ng/ul
RT: 20.36 min Scan# 2954
Delta R.T. 0.01 min
Lab File: BN002964.D
Acq: 05 Oct 2018 13:22

Tgt Ion	Ratio	Lower	Upper
149	100		
91	67.7	56.3	84.5
206	22.7	16.8	25.2





#82

Benzo(a)anthracene

Concen: 22.823 ng/u1

RT: 21.22 min Scan# 3099

Delta R.T. 0.01 min

Lab File: BN002964.D

Acq: 05 Oct 2018 13:22

Instrument :

BNA_N

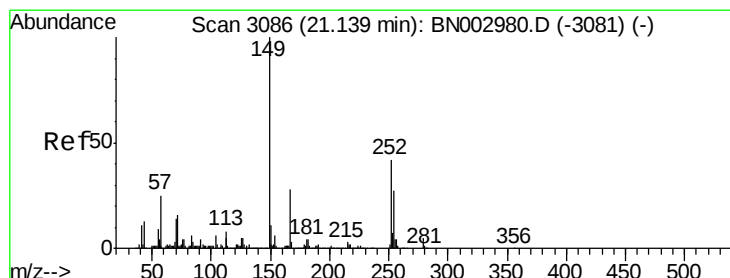
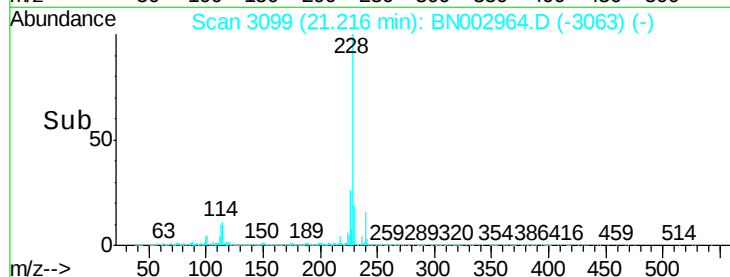
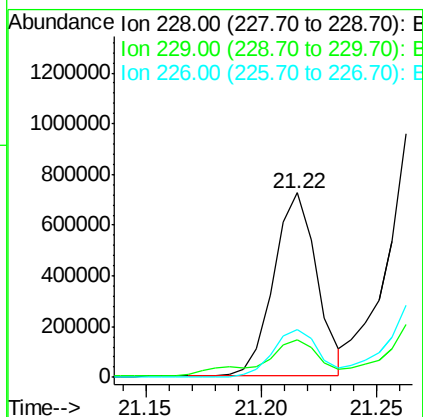
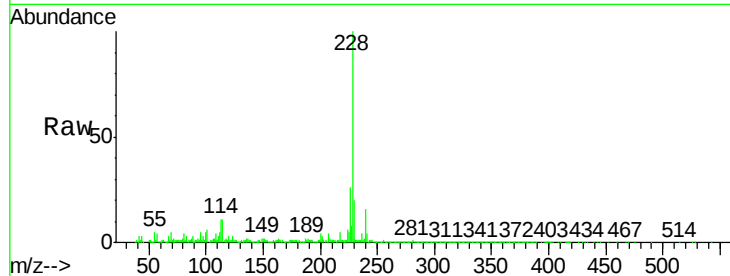
ClientSampleId :

JLC34

Tgt Ion:	228	Resp:	937531
Ion Ratio	Lower	Upper	
228	100		
229	20.1	15.8	23.6
226	26.1	20.9	31.3

Manual Integrations
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#83

Bis(2-ethylhexyl)phthalate

Concen: 12.008 ng/u1

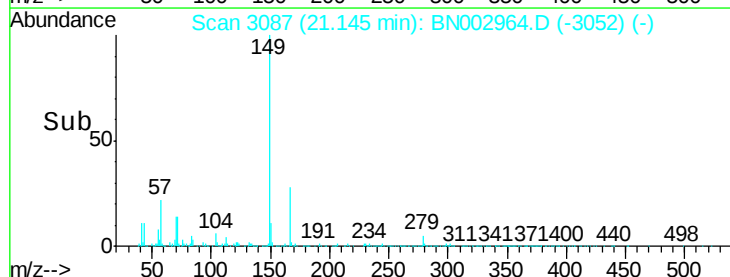
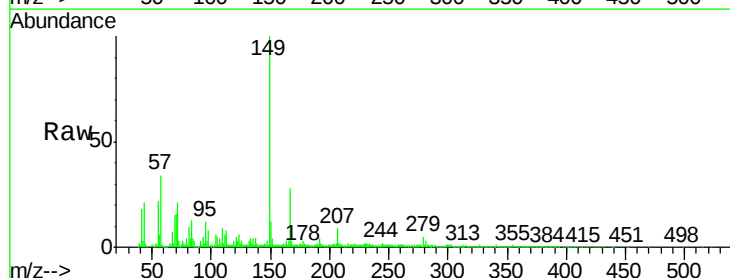
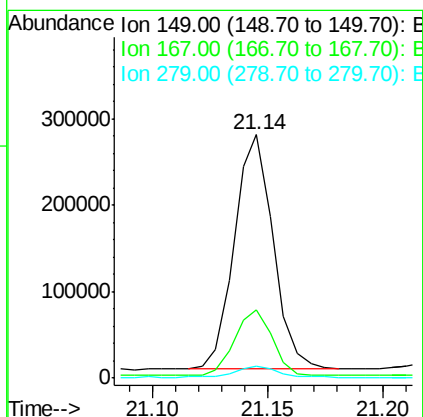
RT: 21.14 min Scan# 3087

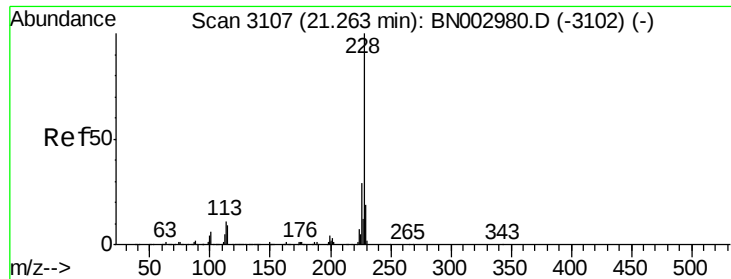
Delta R.T. 0.01 min

Lab File: BN002964.D

Acq: 05 Oct 2018 13:22

Tgt Ion:	149	Resp:	316724
Ion Ratio	Lower	Upper	
149	100		
167	28.2	22.0	33.0
279	4.9	3.3	4.9





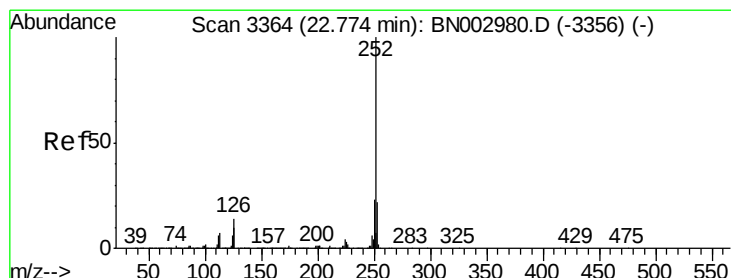
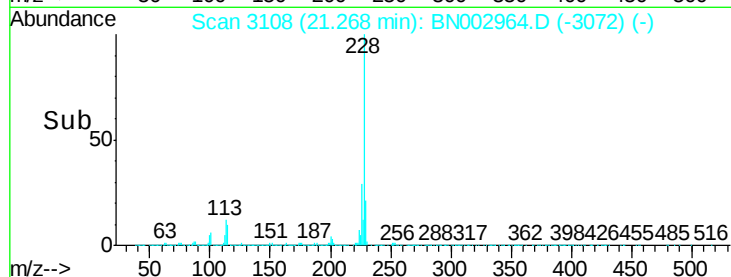
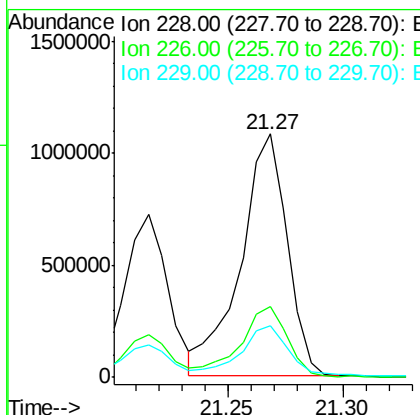
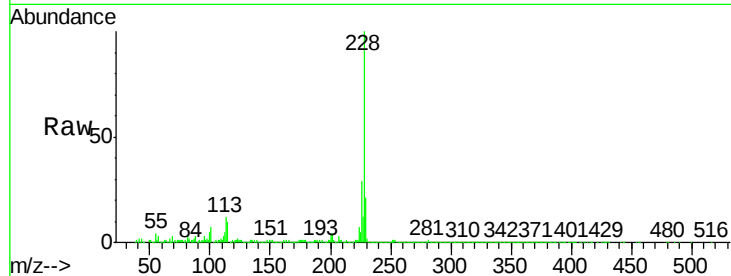
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Chrysene
Concen: 39.344 ng/ul
RT: 21.27 min Scan# 3108
Delta R.T. 0.01 min
Lab File: BN002964.D
Acq: 05 Oct 2018 13:22

Instrument :
BNA_N
ClientSampled :
JLC34

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.0	23.4	35.0
229	21.3	15.7	23.5

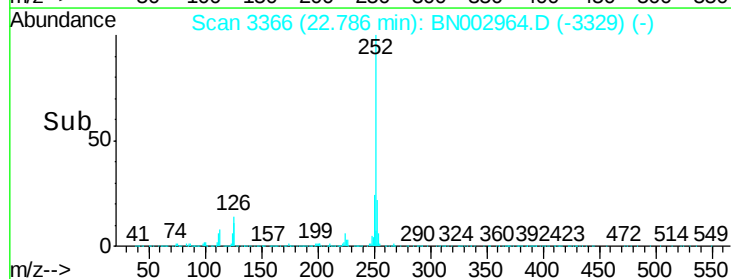
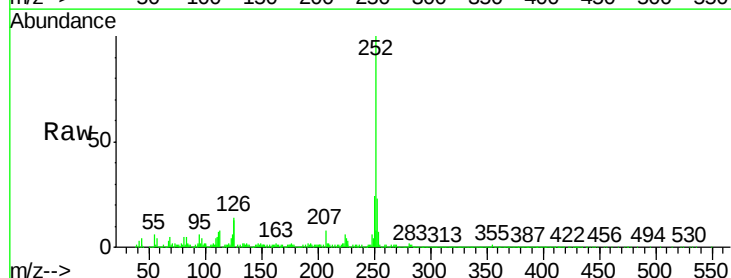
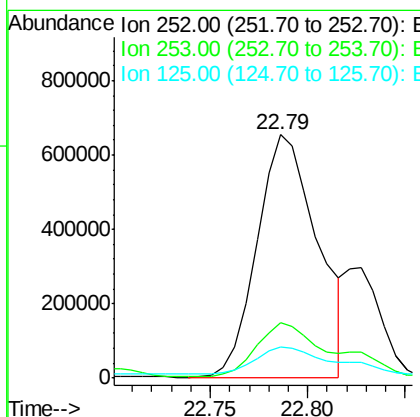
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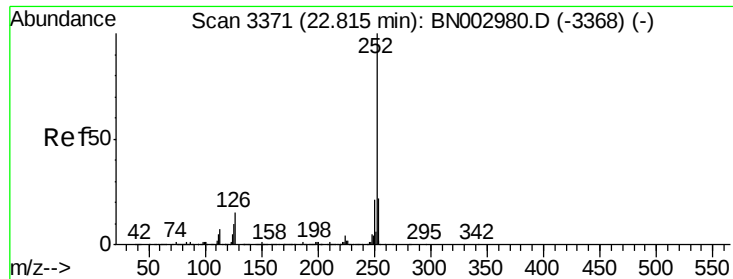
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#87
Benzo(b)fluoranthene
Concen: 38.680 ng/ul
RT: 22.79 min Scan# 3366
Delta R.T. 0.02 min
Lab File: BN002964.D
Acq: 05 Oct 2018 13:22

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.0	25.4
125	12.8	8.0	12.0





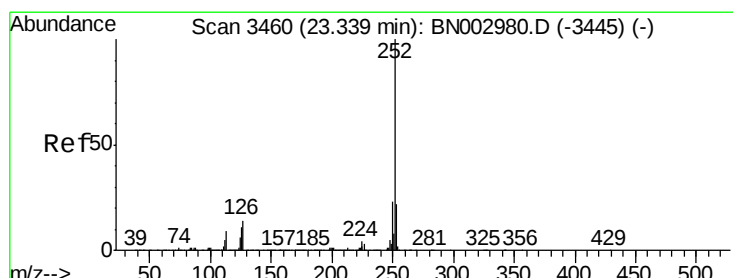
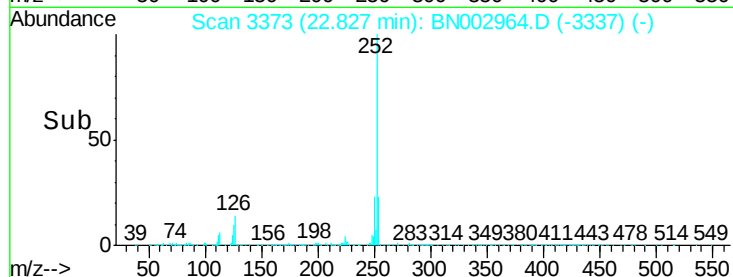
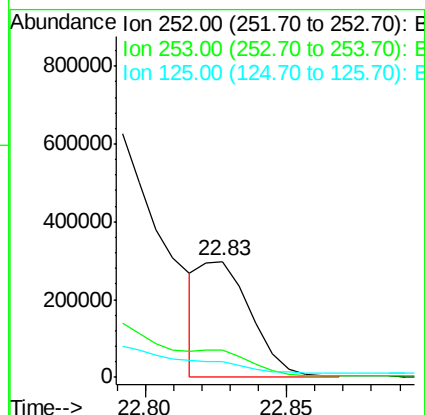
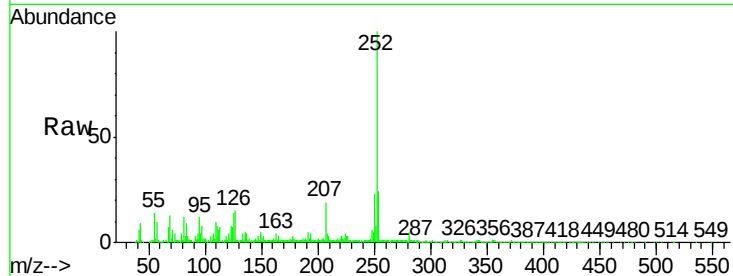
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Benzo(k)fluoranthene
Concen: 11.075 ng/u1 m
RT: 22.83 min Scan# 3373
Delta R.T. 0.01 min
Lab File: BN002964.D
Acq: 05 Oct 2018 13:22

Instrument :
BNA_N
ClientSampleId :
JLC34

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.8	26.8
125	13.9	8.3	12.5#

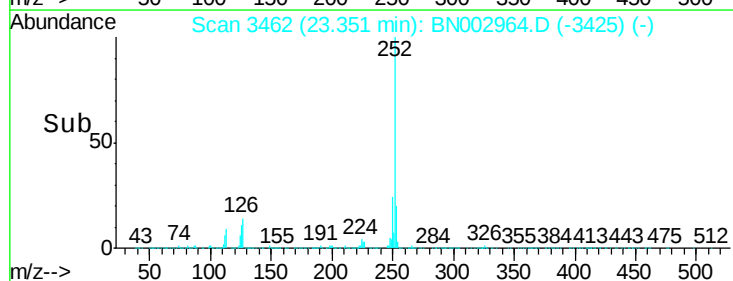
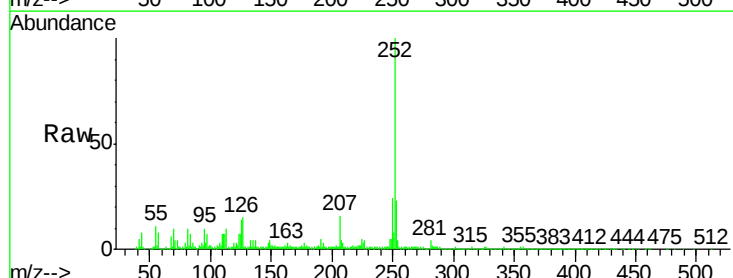
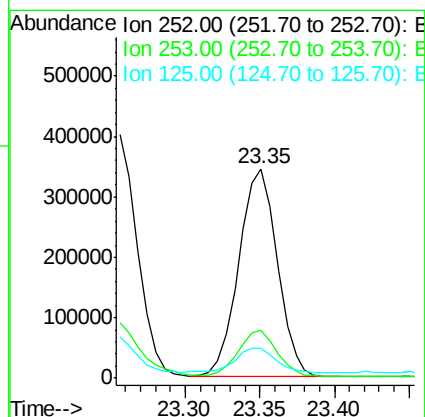
Manual Integrations
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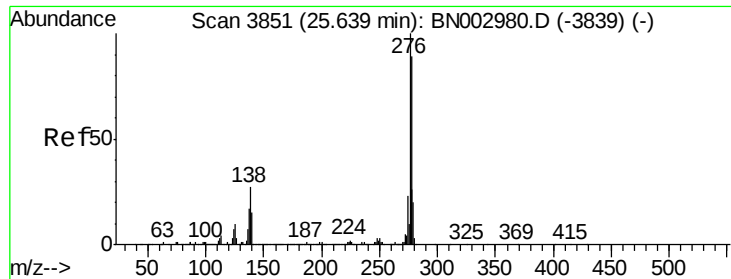
Sohil
10/12/2018 5:33:39 PM



#90
Benzo(a)pyrene
Concen: 18.128 ng/u1
RT: 23.35 min Scan# 3462
Delta R.T. 0.02 min
Lab File: BN002964.D
Acq: 05 Oct 2018 13:22

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.6	26.4
125	14.1	8.8	13.2#





#91

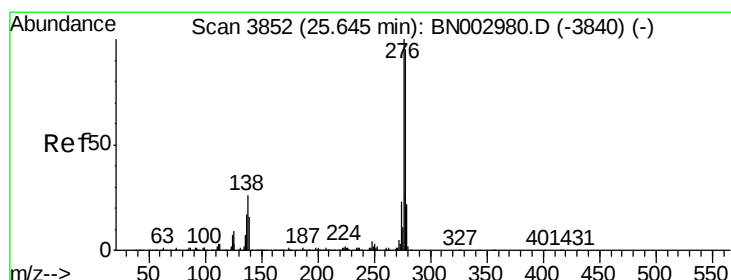
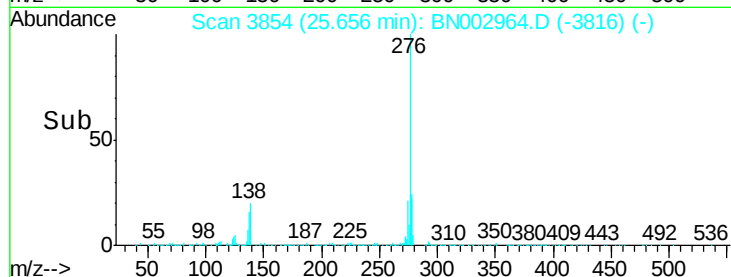
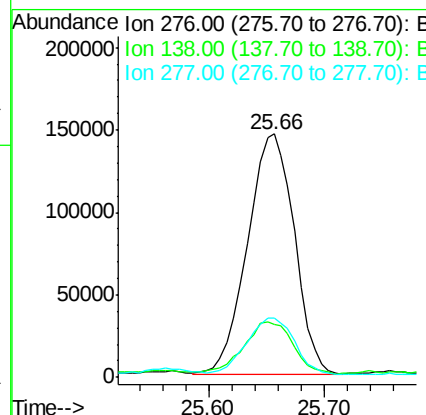
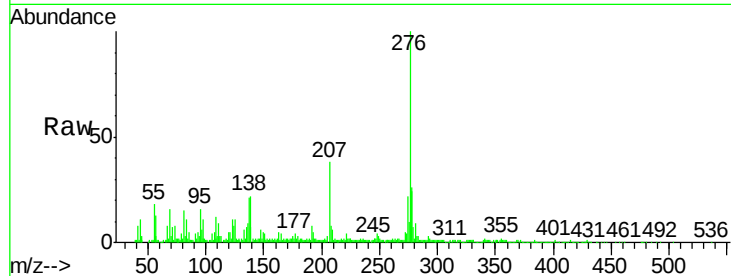
Indeno(1,2,3-cd)pyrene
Concen: 10.219 ng/ul
RT: 25.66 min Scan# 3854
Delta R.T. 0.02 min
Lab File: BN002964.D
Acq: 05 Oct 2018 13:22

Instrument :
BNA_N
ClientSampleId :
JLC34

Tgt Ion	Ratio	Lower	Upper
276	100		
138	21.5	20.2	30.4
277	24.3	20.0	30.0

Manual Integrations
APPROVED

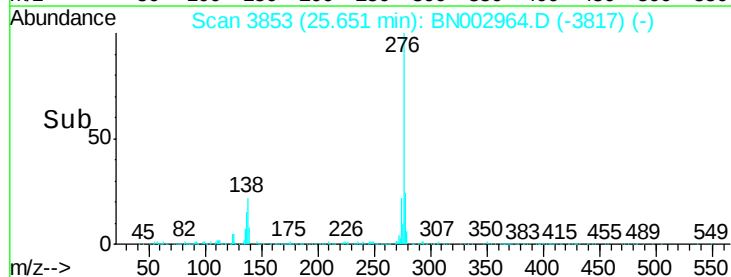
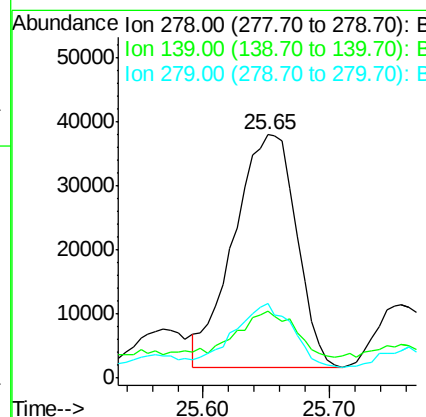
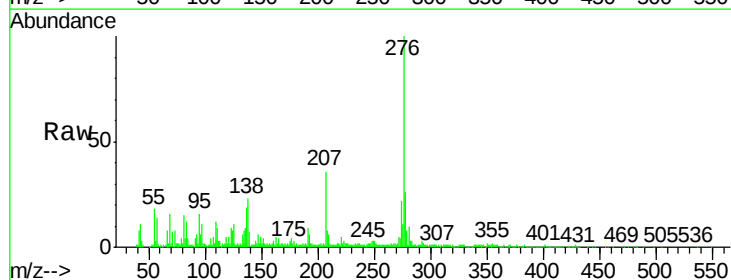
Sohil
10/12/2018 5:33:39 PM

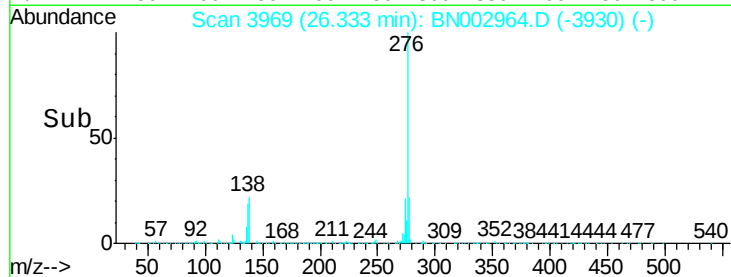
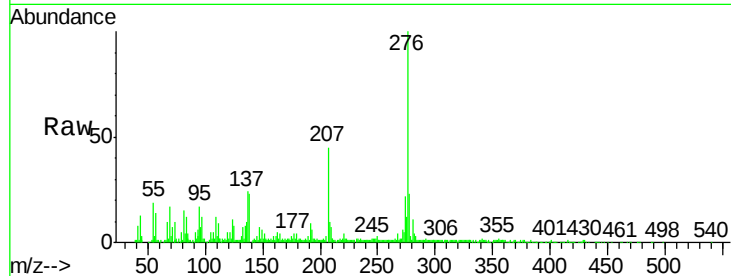
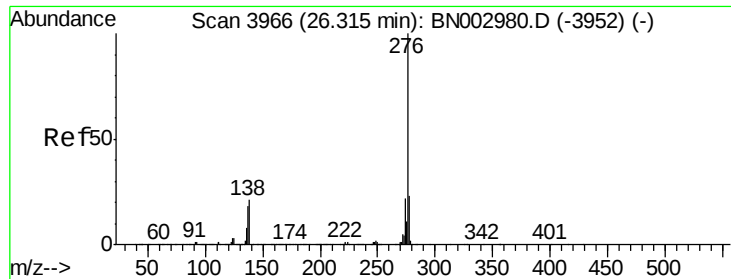


#92

Dibenzo(a,h)anthracene
Concen: 3.673 ng/ul
RT: 25.65 min Scan# 3853
Delta R.T. 0.01 min
Lab File: BN002964.D
Acq: 05 Oct 2018 13:22

Tgt Ion	Ratio	Lower	Upper
278	100		
139	27.7	12.7	19.1#
279	30.4	18.7	28.1#





#93

Benzo(g,h,i)perylene

Concen: 10.725 ng/u1

RT: 26.33 min Scan# 3969

Delta R.T. 0.03 min

Lab File: BN002964.D

Acq: 05 Oct 2018 13:22

Instrument :

BNA_N

ClientSampleId :

JLC34

Tgt	Ion	276	Resp	361411
	Ratio	100	Lower	Upper
	276	100		
	138	23.3	18.2	27.2
	277	23.4	18.6	28.0

Manual Integrations
APPROVED

Sohil
10/12/2018 5:33:39 PM

