

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN100618\
 Data File : BN002963.D
 Acq On : 05 Oct 2018 12:47
 Operator : MJ/SJ
 Sample : J5184-06
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampled :
 JLC25

Manual Integrations
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Quant Time: Oct 06 02:12:27 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	146278	20.00	ng/ul	0.00
18) Naphthalene-d8	10.40	136	657422	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.27	164	368174	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.02	188	725812	20.00	ng/ul	0.00
77) Chrysene-d12	21.23	240	497902	20.00	ng/ul	0.00
85) Perylene-d12	23.45	264	516680	20.00	ng/ul	0.02

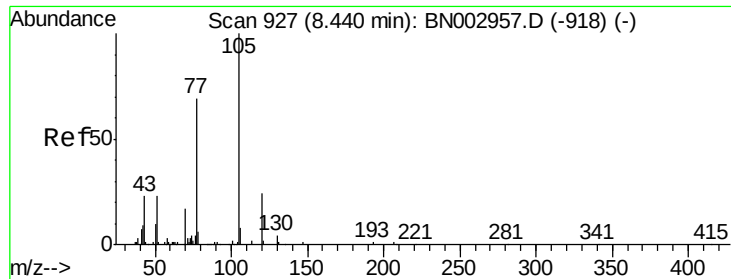
System Monitoring Compounds

3) 1,4-Dioxane-d8	3.20	96	2123	0.67	ng/uL	0.00
5) Phenol-d5	6.83	99	44507	3.58	ng/ul	0.02
7) Bis-(2-Chloroethyl)ether-d	6.97	67	29010	3.76	ng/ul	0.00
9) 2-Chlorophenol-d4	7.18	132	38424	3.76	ng/ul	0.01
13) 4-Methylphenol-d8	8.36	113	35529	3.69	ng/ul	0.02
19) Nitrobenzene-d5	8.79	128	18175	3.57	ng/ul	0.01
22) 2-Nitrophenol-d4	9.50	143	19319	3.35	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	10.06	165	35114	3.38	ng/ul	0.03
29) 4-Chloroaniline-d4	10.56	131	28569	2.37	ng/ul	0.02
43) Dimethylphthalate-d6	13.68	166	115312	4.00	ng/ul	0.00
46) Acenaphthylene-d8	13.96	160	148760	3.95	ng/ul	0.00
51) 4-Nitrophenol-d4	14.56	143	11360m	2.38	ng/ul	0.05
57) Fluorene-d10	15.27	176	104496	4.14	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.43	200	1192	0.26	ng/ul	0.02
70) Anthracene-d10	17.12	188	142864	4.12	ng/ul	0.00
78) Pyrene-d10	19.43	212	116792	4.45	ng/ul	0.01
89) Benzo(a)pyrene-d12	23.30	264	109149	4.01	ng/ul	0.02

Target Compounds

					Qvalue	
14) Acetophenone	8.45	105	32959	2.224	ng/ul	96
44) Dimethylphthalate	13.73	163	92085	3.274	ng/ul	96
69) Phenanthrene	17.06	178	285530	7.140	ng/ul	100
71) Anthracene	17.16	178	69153	1.706	ng/ul	98
74) Carbazole	17.43	167	44140	1.269	ng/ul	97
75) Di-n-butylphthalate	17.99	149	77896	1.866	ng/ul	96
76) Fluoranthene	19.09	202	513780	12.044	ng/ul	98
79) Pyrene	19.46	202	478500	14.535	ng/ul	98
80) Butylbenzylphthalate	20.36	149	103587	7.562	ng/ul	97
82) Benzo(a)anthracene	21.22	228	258945	8.360	ng/ul	99
83) Bis(2-ethylhexyl)phthalate	21.15	149	190183	9.563	ng/ul#	98
84) Chrysene	21.27	228	591567	20.376	ng/ul	99
87) Benzo(b)fluoranthene	22.79	252	598729	18.974	ng/ul#	89
88) Benzo(k)fluoranthene	22.82	252	140990m	4.789	ng/ul	
90) Benzo(a)pyrene	23.35	252	223109	7.479	ng/ul#	87
91) Indeno(1,2,3-cd)pyrene	25.65	276	231236	6.547	ng/ul	98
92) Dibenzo(a,h)anthracene	25.64	278	65355	2.196	ng/ul#	71
93) Benzo(g,h,i)perylene	26.33	276	221298	7.496	ng/ul	96

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



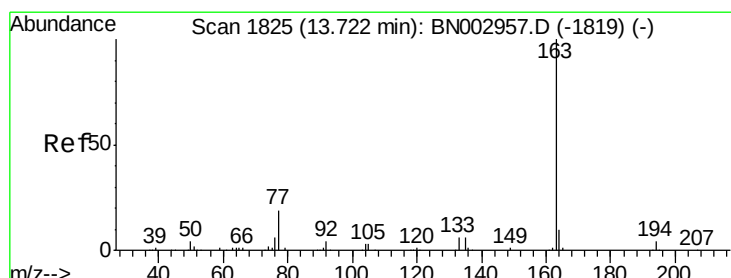
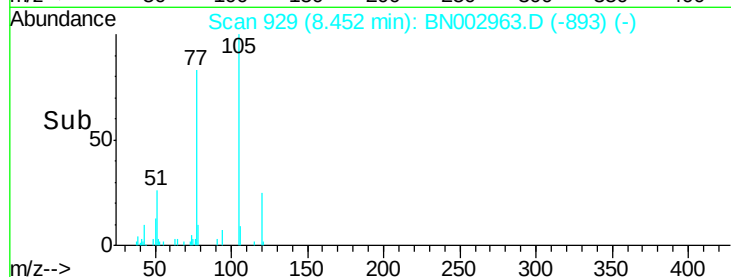
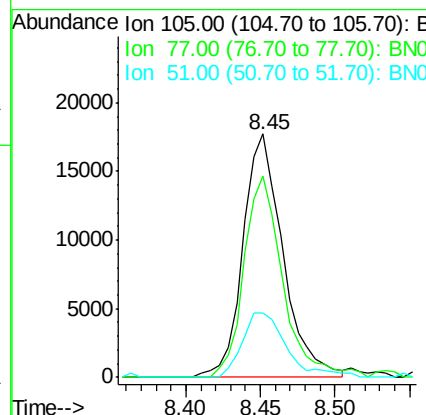
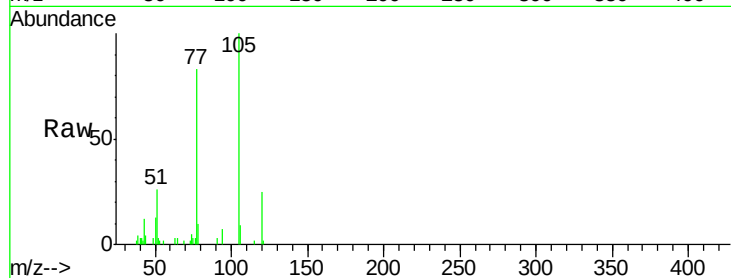
#14
Acetophenone
Concen: 2.224 ng/ul
RT: 8.45 min Scan# 929
Delta R.T. 0.01 min
Lab File: BN002963.D
Acq: 05 Oct 2018 12:47

Instrument :
BNA_N
ClientSampleId :
JLC25

Tgt Ion	Ratio	Resp Lower	Resp Upper
105	100		
77	82.8	62.9	94.3
51	26.3	21.9	32.9

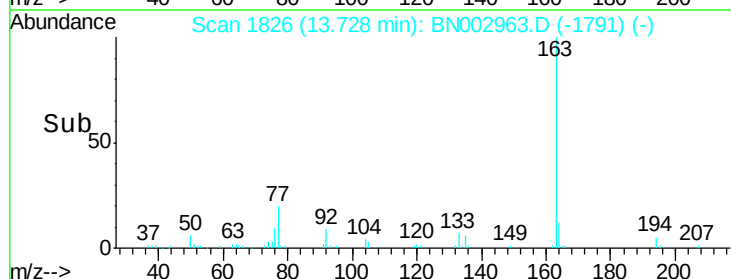
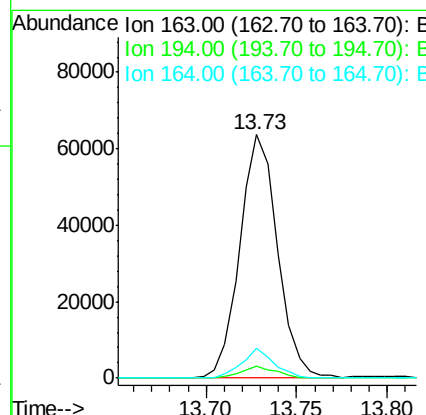
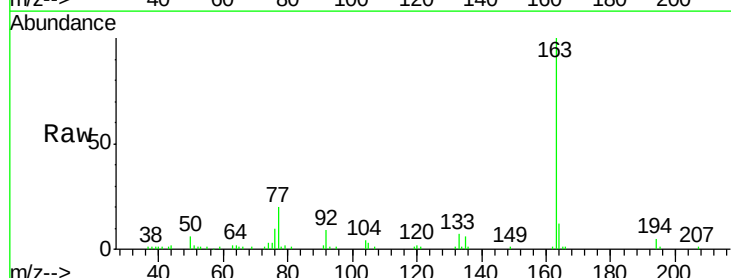
Manual Integrations
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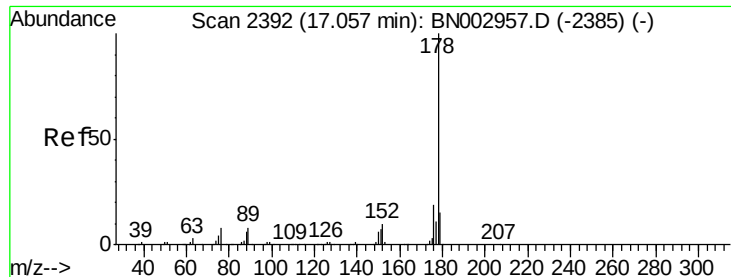
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#44
Dimethylphthalate
Concen: 3.274 ng/ul
RT: 13.73 min Scan# 1826
Delta R.T. 0.01 min
Lab File: BN002963.D
Acq: 05 Oct 2018 12:47

Tgt Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	4.7	3.5	5.3
164	12.1	8.1	12.1





#69

Phenanthrene

Concen: 7.140 ng/ul

RT: 17.06 min Scan# 2393

Delta R.T. 0.01 min

Lab File: BN002963.D

Acq: 05 Oct 2018 12:47

Instrument :

BNA_N

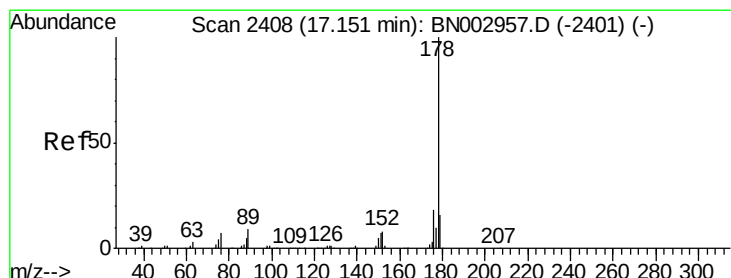
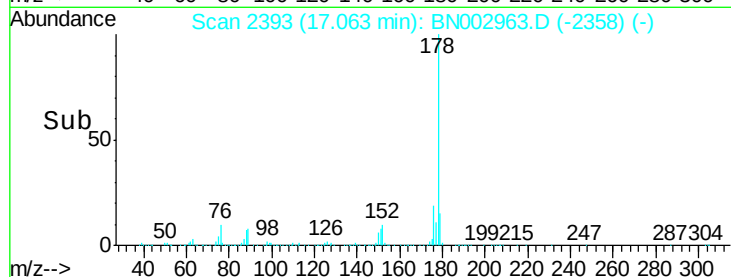
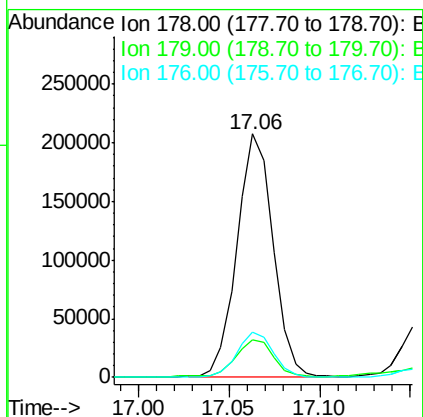
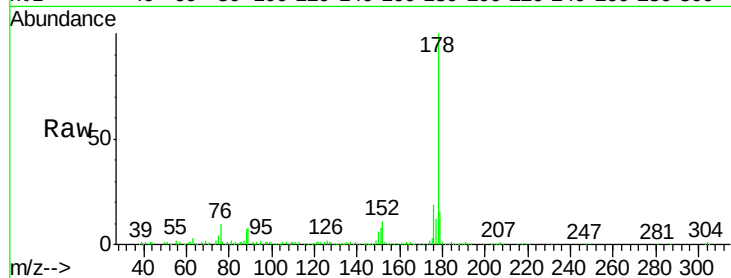
ClientSampled :

JLC25

Tgt Ion:	178	Resp:	285530
Ion Ratio	Lower	Upper	
178	100		
179	15.2	12.2	18.4
176	18.6	15.0	22.6

Manual Integrations
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#71

Anthracene

Concen: 1.706 ng/ul

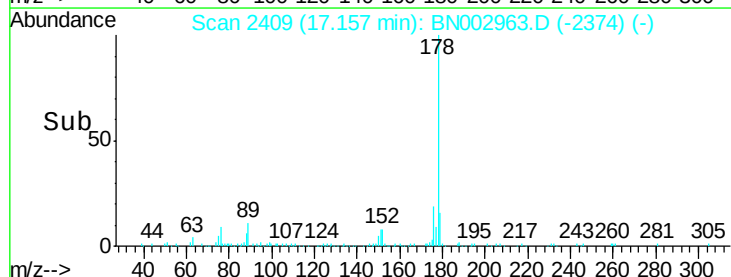
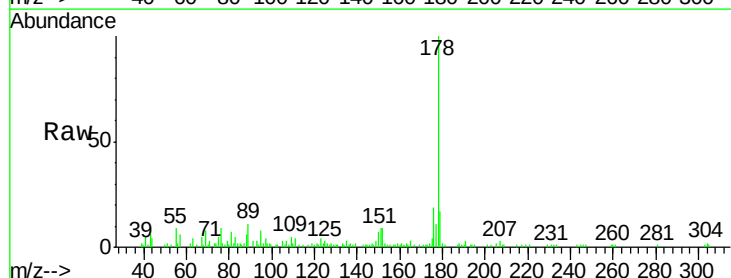
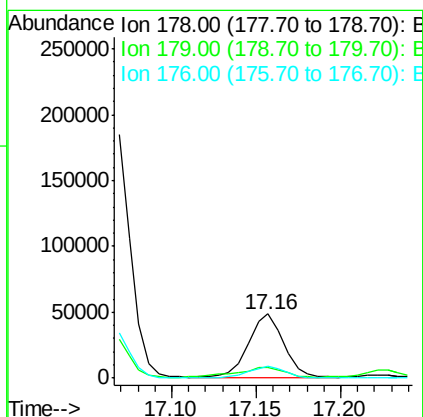
RT: 17.16 min Scan# 2409

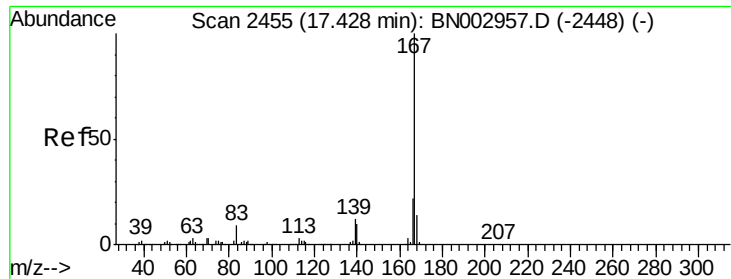
Delta R.T. 0.01 min

Lab File: BN002963.D

Acq: 05 Oct 2018 12:47

Tgt Ion:	178	Resp:	69153
Ion Ratio	Lower	Upper	
178	100		
179	16.8	12.0	18.0
176	19.0	15.0	22.4





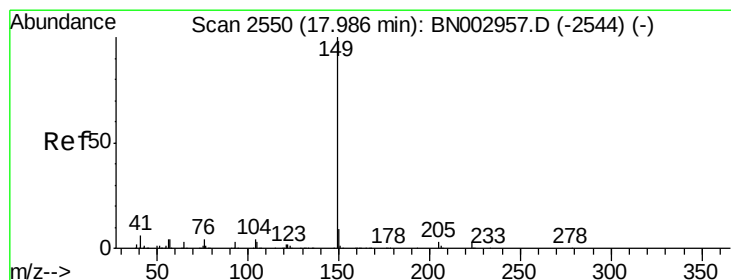
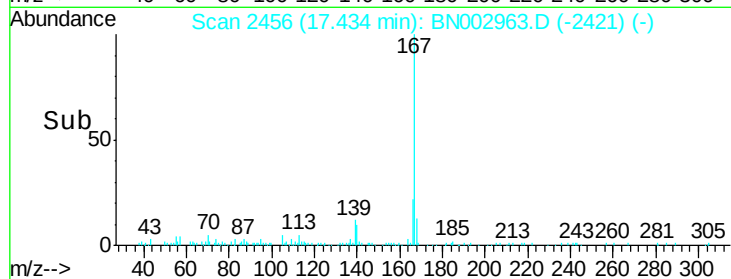
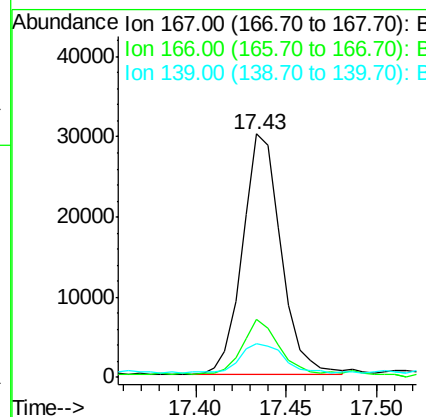
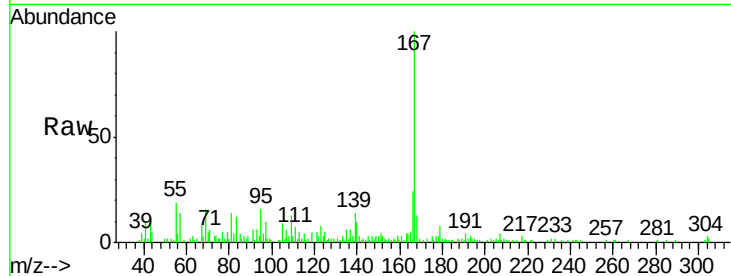
#74
 Carbazole
 Concen: 1.269 ng/ul
 RT: 17.43 min Scan# 2456
 Delta R.T. 0.01 min
 Lab File: BN002963.D
 Acq: 05 Oct 2018 12:47

Instrument :
 BNA_N
 ClientSampleId :
 JLC25

Tgt Ion	Ratio	Resp	Lower	Upper
167	100	44140		
166	23.7		17.0	25.6
139	13.8		10.7	16.1

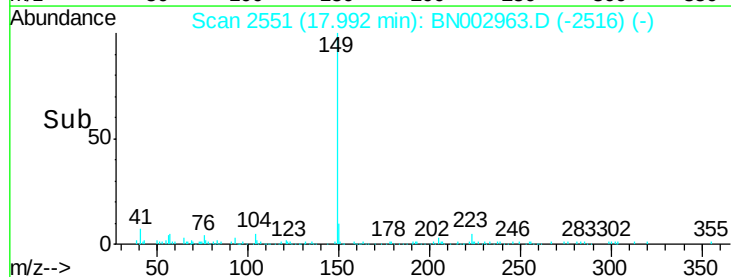
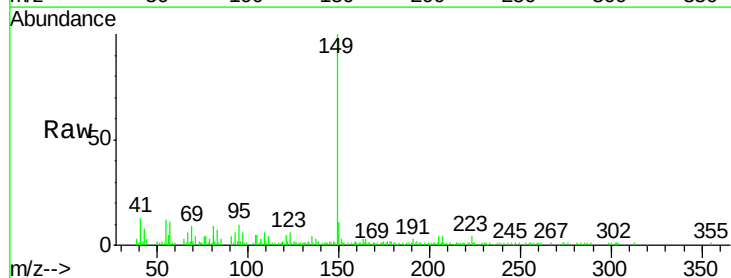
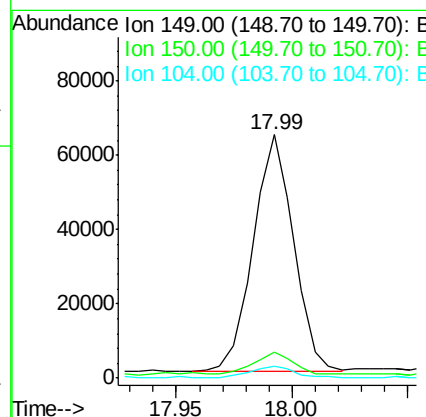
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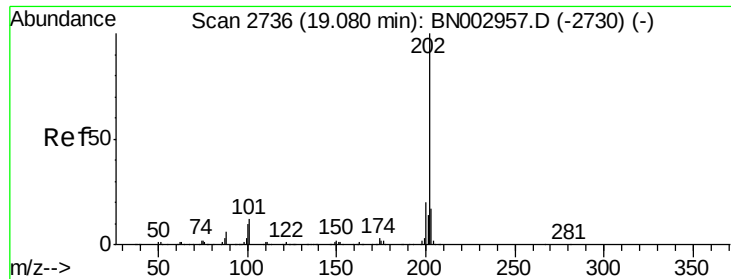
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#75
 Di-n-butylphthalate
 Concen: 1.866 ng/ul
 RT: 17.99 min Scan# 2551
 Delta R.T. 0.01 min
 Lab File: BN002963.D
 Acq: 05 Oct 2018 12:47

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	77896		
150	10.8		7.3	10.9
104	5.1		3.7	5.5





#76

Fluoranthene

Concen: 12.044 ng/ul

RT: 19.09 min Scan# 2738

Delta R.T. 0.01 min

Lab File: BN002963.D

Acq: 05 Oct 2018 12:47

Instrument :

BNA_N

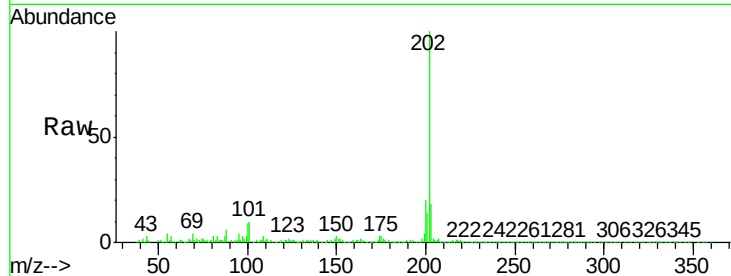
ClientSampled :

JLC25

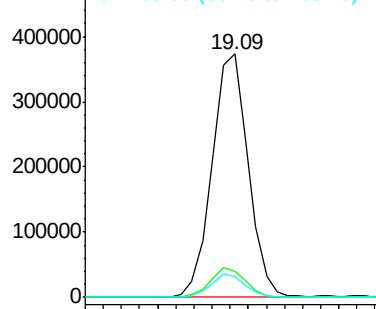
Tgt	Ion	202	Resp:	513780
Ion	Ratio	Lower	Upper	
202	100			
101	10.5	9.4	14.2	
100	8.8	7.0	10.6	

Manual Integrations
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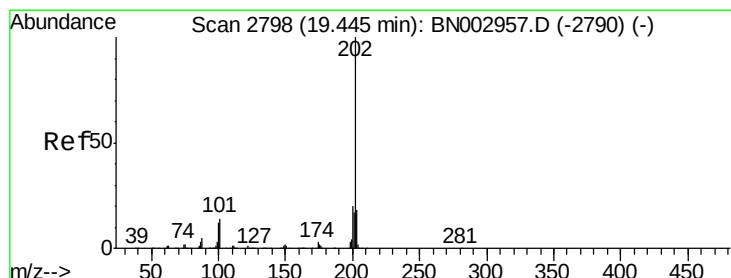
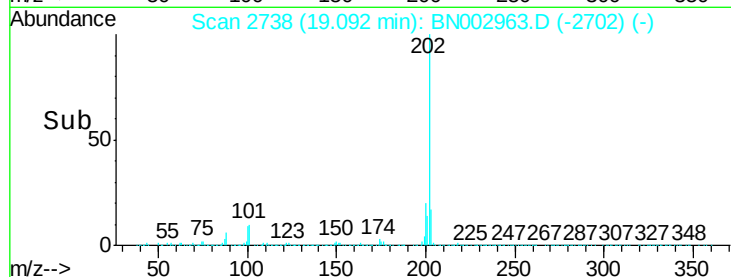
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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B



Time-->



#79

Pyrene

Concen: 14.535 ng/ul

RT: 19.46 min Scan# 2800

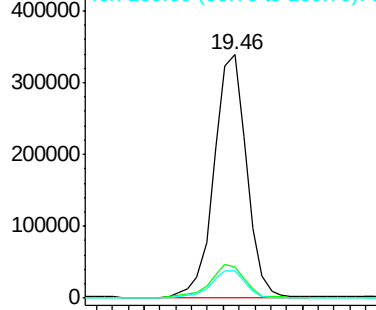
Delta R.T. 0.01 min

Lab File: BN002963.D

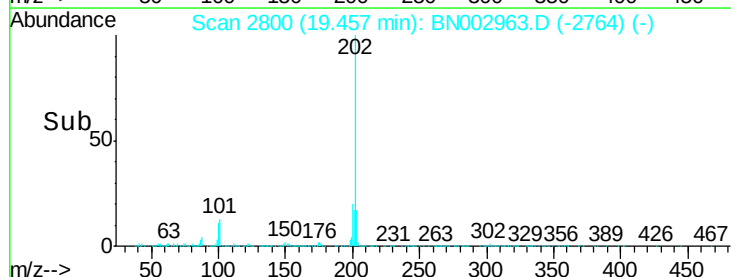
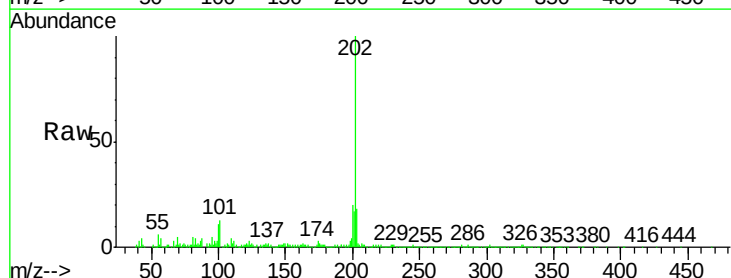
Acq: 05 Oct 2018 12:47

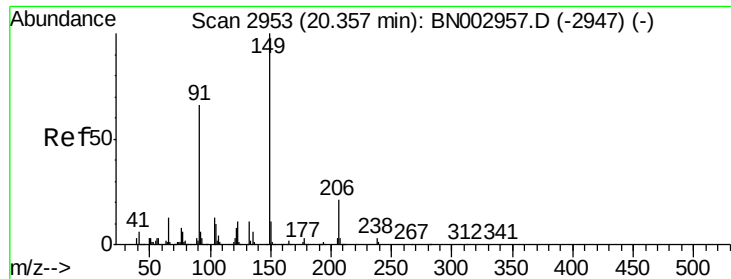
Tgt	Ion	202	Resp:	478500
Ion	Ratio	Lower	Upper	
202	100			
101	12.9	10.8	16.2	
100	11.1	8.2	12.2	

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



Time-->





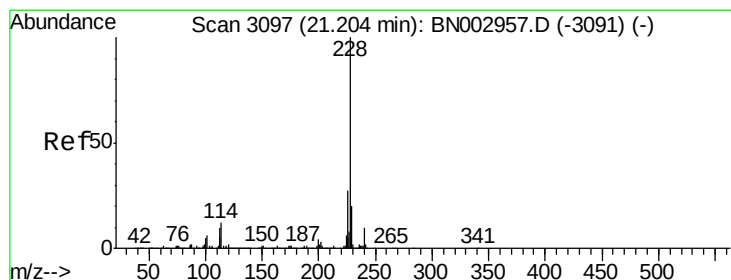
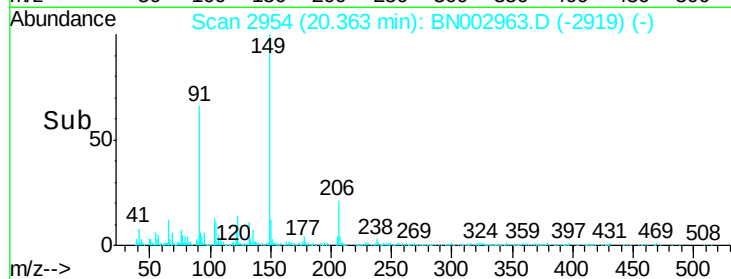
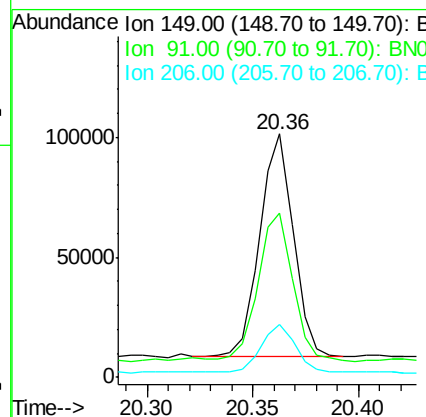
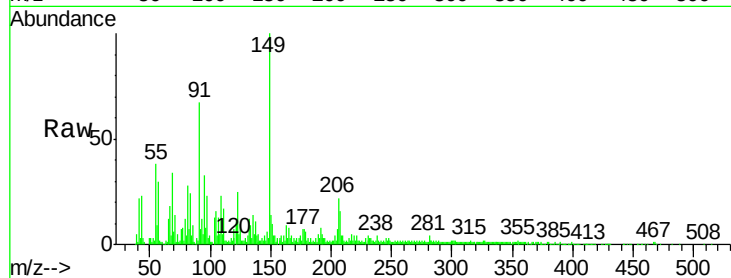
#80
Butylbenzylphthalate
Concen: 7.562 ng/ul
RT: 20.36 min Scan# 2954
Delta R.T. 0.01 min
Lab File: BN002963.D
Acq: 05 Oct 2018 12:47

Instrument :
BNA_N
ClientSampleId :
JLC25

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
91	67.3	56.3	84.5
206	21.6	16.8	25.2

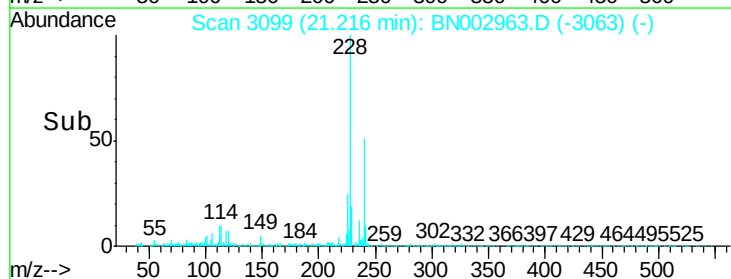
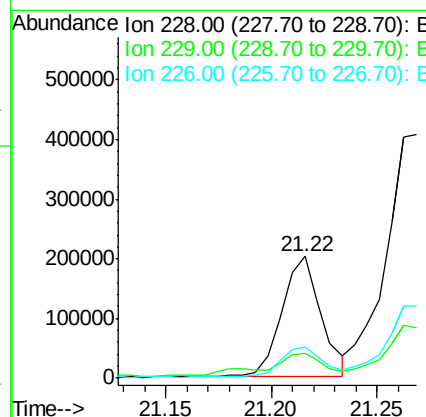
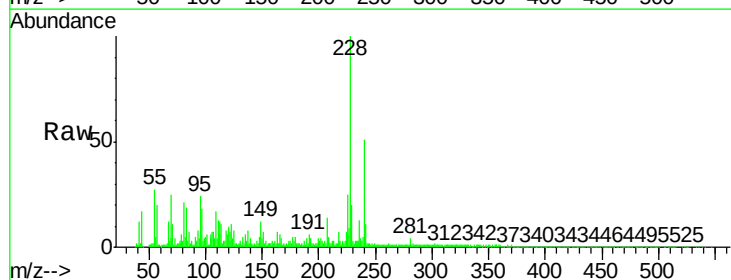
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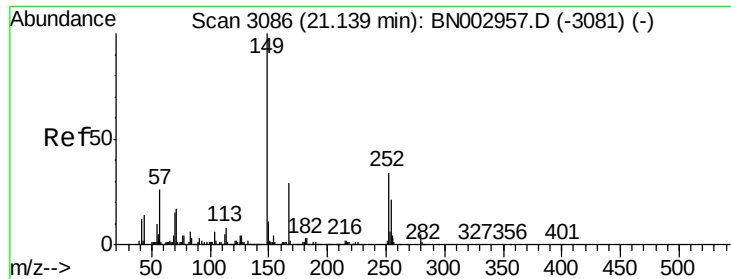
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#82
Benzo(a)anthracene
Concen: 8.360 ng/ul
RT: 21.22 min Scan# 3099
Delta R.T. 0.01 min
Lab File: BN002963.D
Acq: 05 Oct 2018 12:47

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
229	20.1	15.8	23.6
226	25.3	20.9	31.3





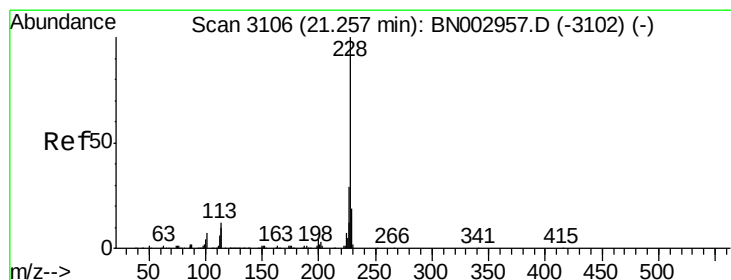
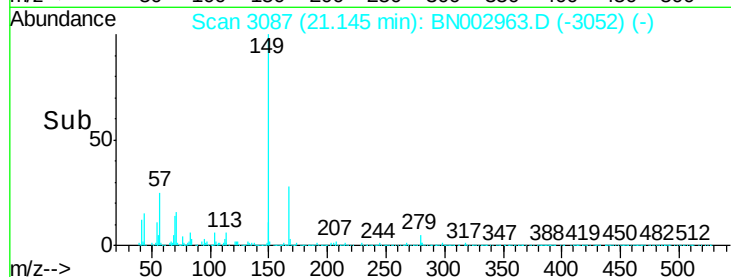
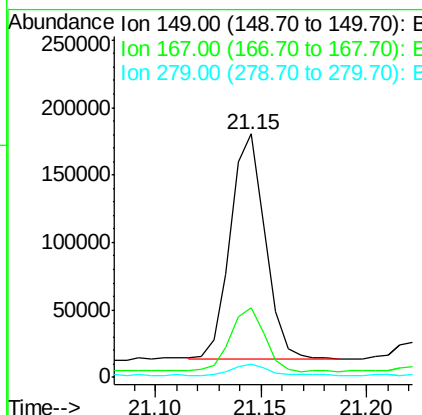
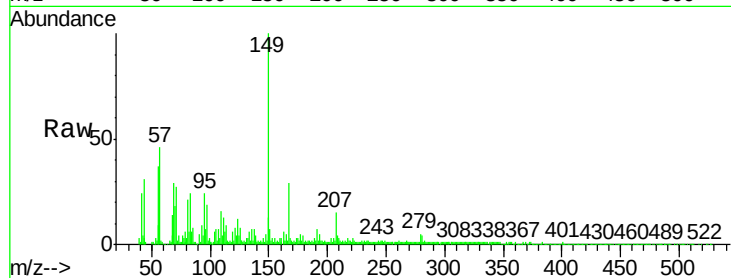
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 9.563 ng/ul
 RT: 21.15 min Scan# 3087
 Delta R.T. 0.01 min
 Lab File: BN002963.D
 Acq: 05 Oct 2018 12:47

Instrument :
 BNA_N
 ClientSampleId :
 JLC25

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
167	28.7	22.0	33.0
279	5.2	3.3	4.9

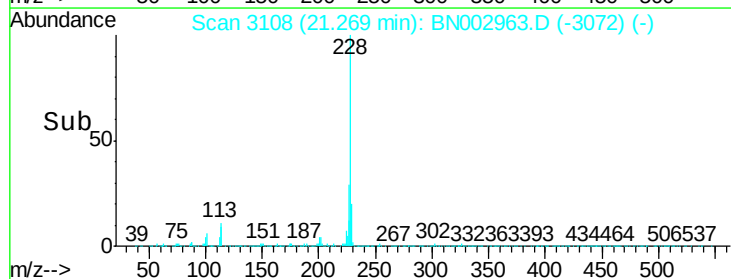
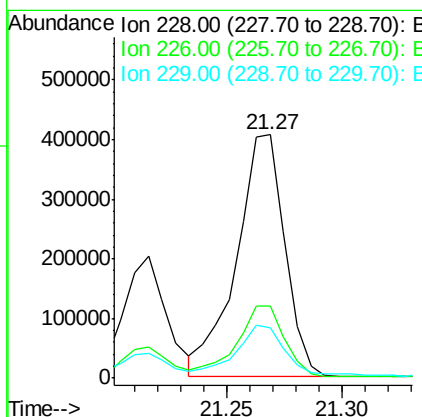
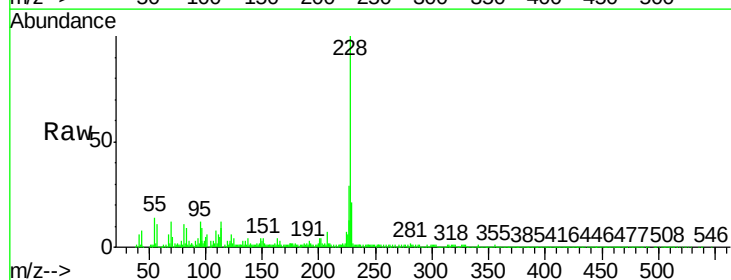
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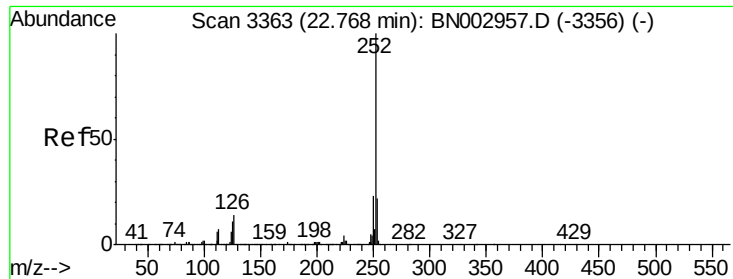
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#84
 Chrysene
 Concen: 20.376 ng/ul
 RT: 21.27 min Scan# 3108
 Delta R.T. 0.01 min
 Lab File: BN002963.D
 Acq: 05 Oct 2018 12:47

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	29.4	23.4	35.0
229	20.6	15.7	23.5





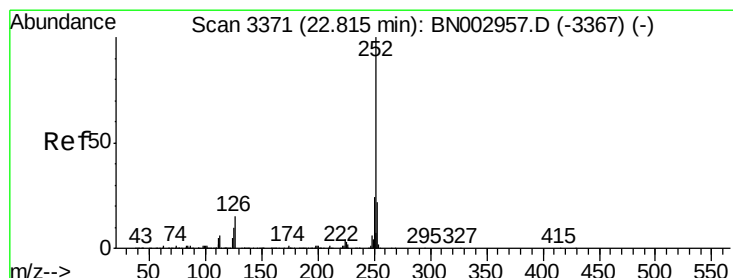
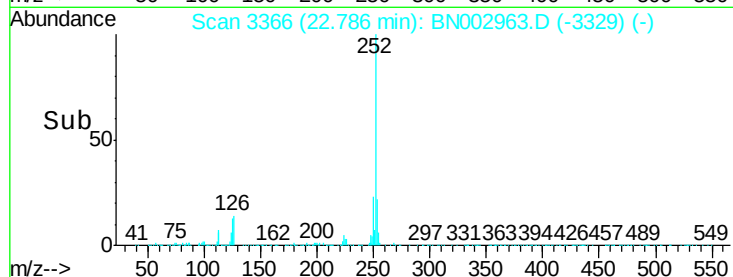
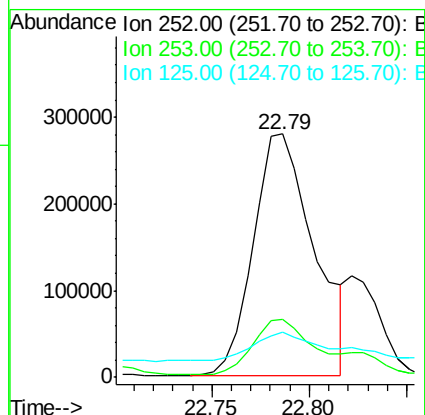
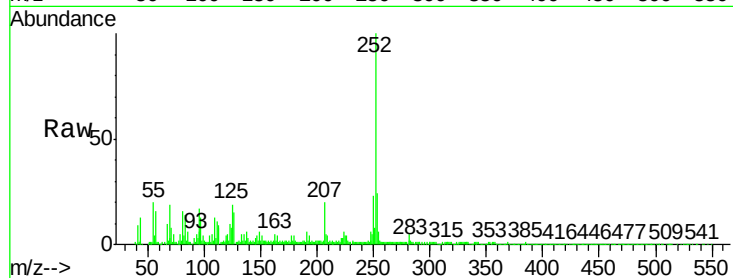
#87
Benzo(b)fluoranthene
Concen: 18.974 ng/ul
RT: 22.79 min Scan# 3366
Delta R.T. 0.02 min
Lab File: BN002963.D
Acq: 05 Oct 2018 12:47

Instrument :
BNA_N
ClientSampleId :
JLC25

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	23.6	17.0	25.4
125	18.6	8.0	12.0

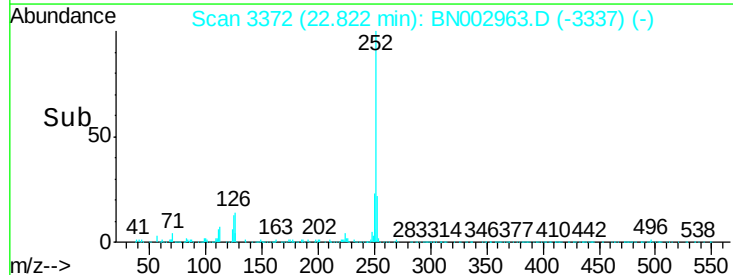
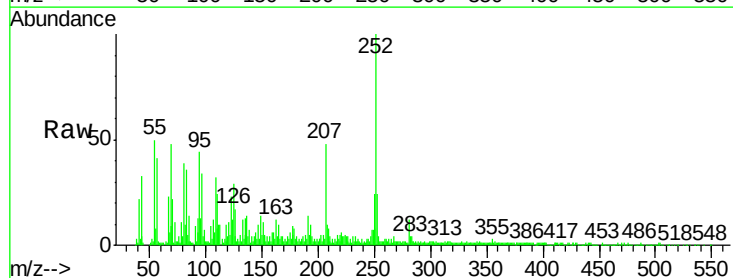
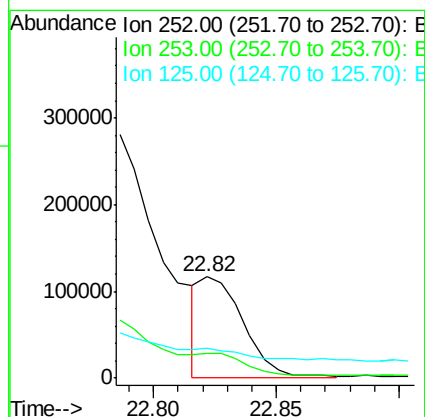
Manual Integrations
APPROVED

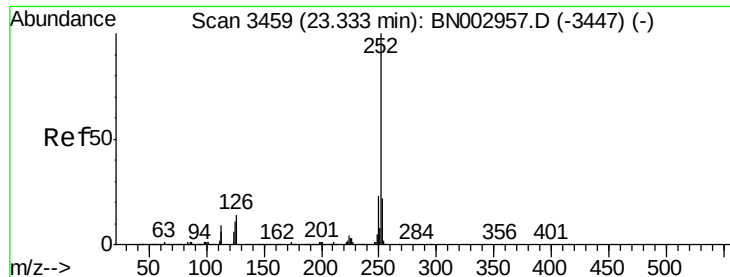
Sohil
10/8/2018 5:53:21 PM



#88
Benzo(k)fluoranthene
Concen: 4.789 ng/ul m
RT: 22.82 min Scan# 3372
Delta R.T. 0.01 min
Lab File: BN002963.D
Acq: 05 Oct 2018 12:47

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	23.9	17.8	26.8
125	29.1	8.3	12.5





#90

Benzo(a)pyrene

Concen: 7.479 ng/ul

RT: 23.35 min Scan# 3461

Delta R.T. 0.01 min

Lab File: BN002963.D

Acq: 05 Oct 2018 12:47

Instrument :

BNA_N

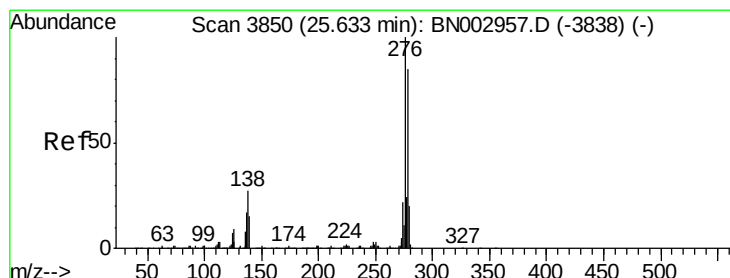
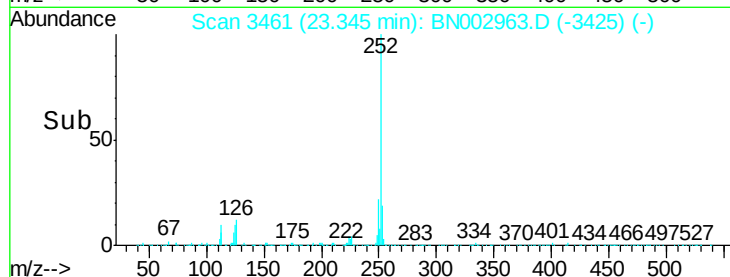
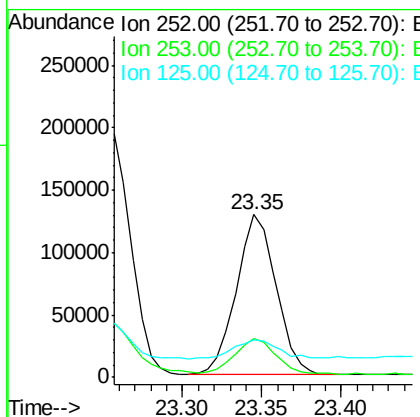
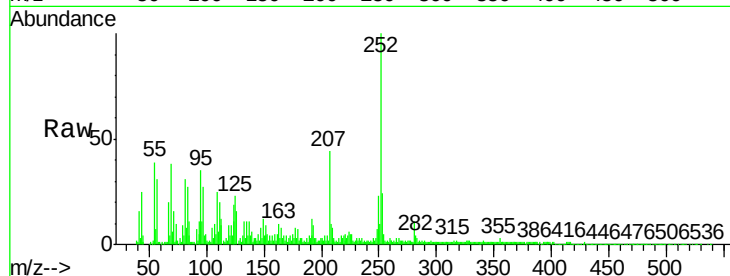
ClientSampled :

JLC25

Tgt Ion:	252	Resp:	223109
Ion Ratio	Lower	Upper	
252	100		
253	24.0	17.6	26.4
125	22.8	8.8	13.2#

Manual Integrations
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#91

Indeno(1,2,3-cd)pyrene

Concen: 6.547 ng/ul

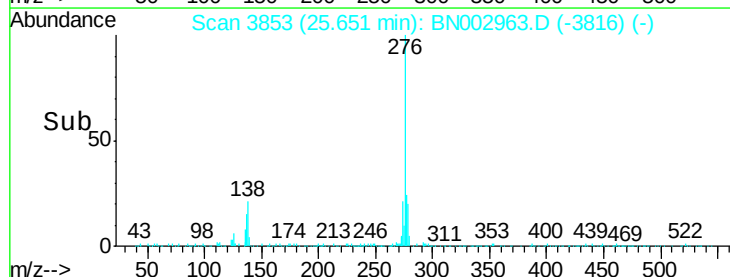
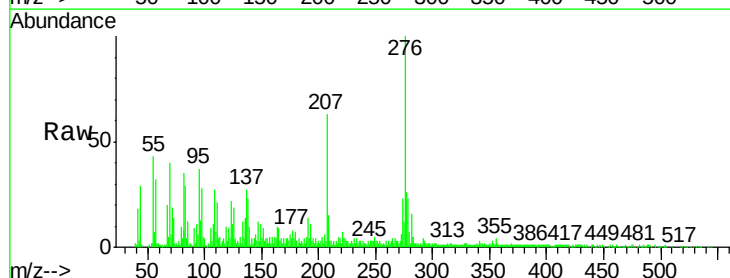
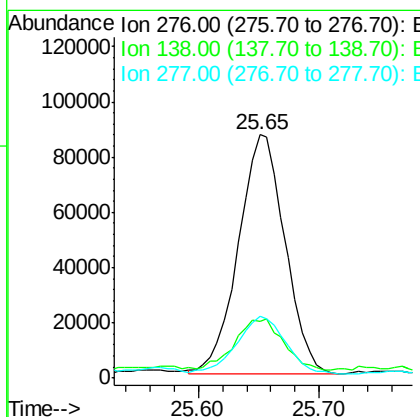
RT: 25.65 min Scan# 3853

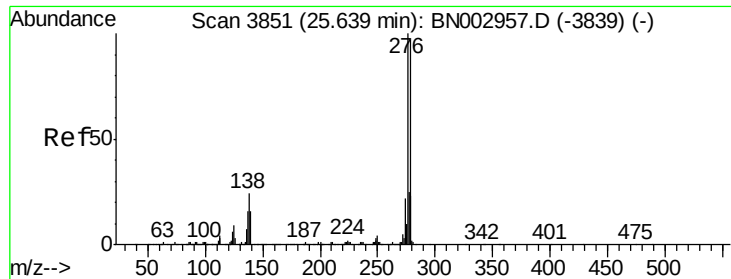
Delta R.T. 0.02 min

Lab File: BN002963.D

Acq: 05 Oct 2018 12:47

Tgt Ion:	276	Resp:	231236
Ion Ratio	Lower	Upper	
276	100		
138	23.4	20.2	30.4
277	25.6	20.0	30.0





#92

Dibenzo(a,h)anthracene

Concen: 2.196 ng/ul

RT: 25.64 min Scan# 3852

Delta R.T. 0.01 min

Lab File: BN002963.D

Acq: 05 Oct 2018 12:47

Instrument :

BNA_N

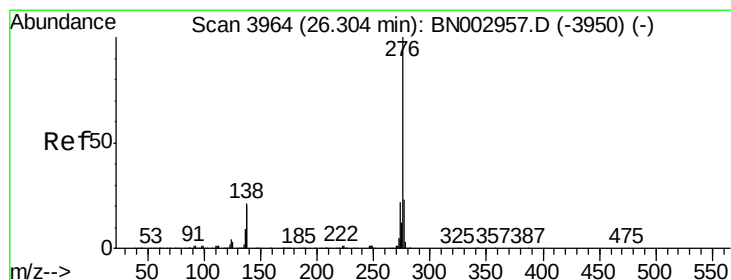
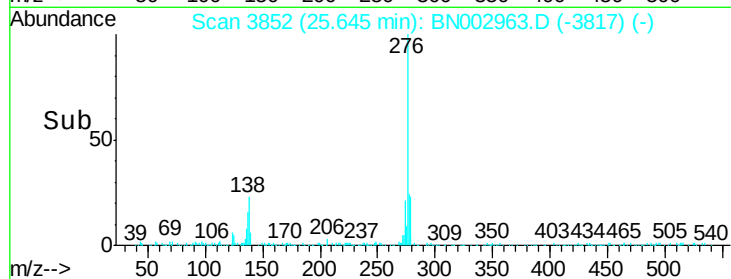
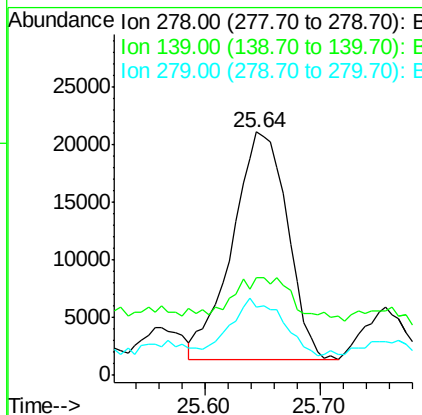
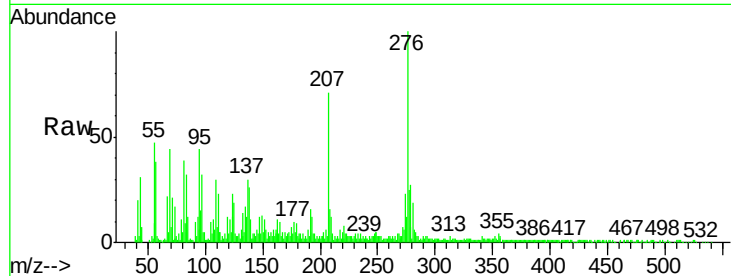
ClientSampled :

JLC25

Tgt Ion:	278	Resp:	65355
Ion Ratio	Lower	Upper	
278	100		
139	40.0	12.7	19.1#
279	27.9	18.7	28.1

Manual Integrations
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#93

Benzo(g,h,i)perylene

Concen: 7.496 ng/ul

RT: 26.33 min Scan# 3969

Delta R.T. 0.03 min

Lab File: BN002963.D

Acq: 05 Oct 2018 12:47

Tgt Ion:	276	Resp:	221298
Ion Ratio	Lower	Upper	
276	100		
138	24.8	18.2	27.2
277	25.0	18.6	28.0

