

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN100618\
 Data File : BN002962.D
 Acq On : 05 Oct 2018 12:12
 Operator : MJ/SJ
 Sample : J5183-14
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampled :
 JLC29

Manual Integrations
 APPROVED

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Quant Time: Oct 08 12:16:23 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	147209	20.00	ng/ul	0.00
18) Naphthalene-d8	10.40	136	626782	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.27	164	347167	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.03	188	639228	20.00	ng/ul	0.01
77) Chrysene-d12	21.24	240	502707	20.00	ng/ul	0.02
85) Perylene-d12	23.48	264	529299	20.00	ng/ul	0.05

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.20	96	8790	2.75	ng/uL	0.00
5) Phenol-d5	6.82	99	243799	19.50	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.97	67	150965	19.45	ng/ul	0.00
9) 2-Chlorophenol-d4	7.17	132	206103	20.03	ng/ul	0.00
13) 4-Methylphenol-d8	8.35	113	197940	20.44	ng/ul	0.00
19) Nitrobenzene-d5	8.78	128	133755	27.55	ng/ul	0.00
22) 2-Nitrophenol-d4	9.50	143	120310	21.90	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	10.04	165	208146	20.99	ng/ul	0.01
29) 4-Chloroaniline-d4	10.54	131	84798m	7.39	ng/ul	0.00
43) Dimethylphthalate-d6	13.68	166	611169	22.49	ng/ul	0.00
46) Acenaphthylene-d8	13.96	160	789250	22.24	ng/ul	0.00
51) 4-Nitrophenol-d4	14.52	143	79867	17.77	ng/ul	0.02
57) Fluorene-d10	15.27	176	516786	21.71	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.42	200	40085	10.03	ng/ul	0.00
70) Anthracene-d10	17.13	188	689153	22.58	ng/ul	0.01
78) Pyrene-d10	19.43	212	616729	23.25	ng/ul	0.02
89) Benzo(a)pyrene-d12	23.34	264	608291	21.83	ng/ul	0.05

Target Compounds

					Qvalue
6) Phenol	6.85	94	29804m	2.364	ng/ul
28) Naphthalene	10.45	128	324695	10.051	ng/ul# 66
34) 2-Methylnaphthalene	12.07	142	474150	20.999	ng/ul 98
44) Dimethylphthalate	13.73	163	348965	13.157	ng/ul 98
49) Acenaphthene	14.33	153	29665	1.256	ng/ul# 91
58) Fluorene	15.32	166	35611	1.369	ng/ul# 69
69) Phenanthrene	17.07	178	227289	6.453	ng/ul# 84
71) Anthracene	17.16	178	37179	1.041	ng/ul# 43
75) Di-n-butylphthalate	18.00	149	1433182	38.978	ng/ul 97
76) Fluoranthene	19.10	202	330013	8.784	ng/ul 98
79) Pyrene	19.46	202	500992	15.073	ng/ul 96
80) Butylbenzylphthalate	20.37	149	693017	50.106	ng/ul 99
82) Benzo(a)anthracene	21.23	228	151064	4.831	ng/ul# 71
83) Bis(2-ethylhexyl)phthalate	21.16	149	1364344	67.947	ng/ul# 96
84) Chrysene	21.27	228	309556	10.561	ng/ul# 88
87) Benzo(b)fluoranthene	22.81	252	407827m	12.616	ng/ul
88) Benzo(k)fluoranthene	22.84	252	110802m	3.674	ng/ul
90) Benzo(a)pyrene	23.39	252	264389m	8.652	ng/ul
91) Indeno(1,2,3-cd)pyrene	25.72	276	253654	7.011	ng/ul# 90
92) Dibenzo(a,h)anthracene	25.70	278	67842	2.225	ng/ul# 10
93) Benzo(g,h,i)perylene	26.40	276	402009	13.292	ng/ul# 91

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Quant Title : SVOA CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

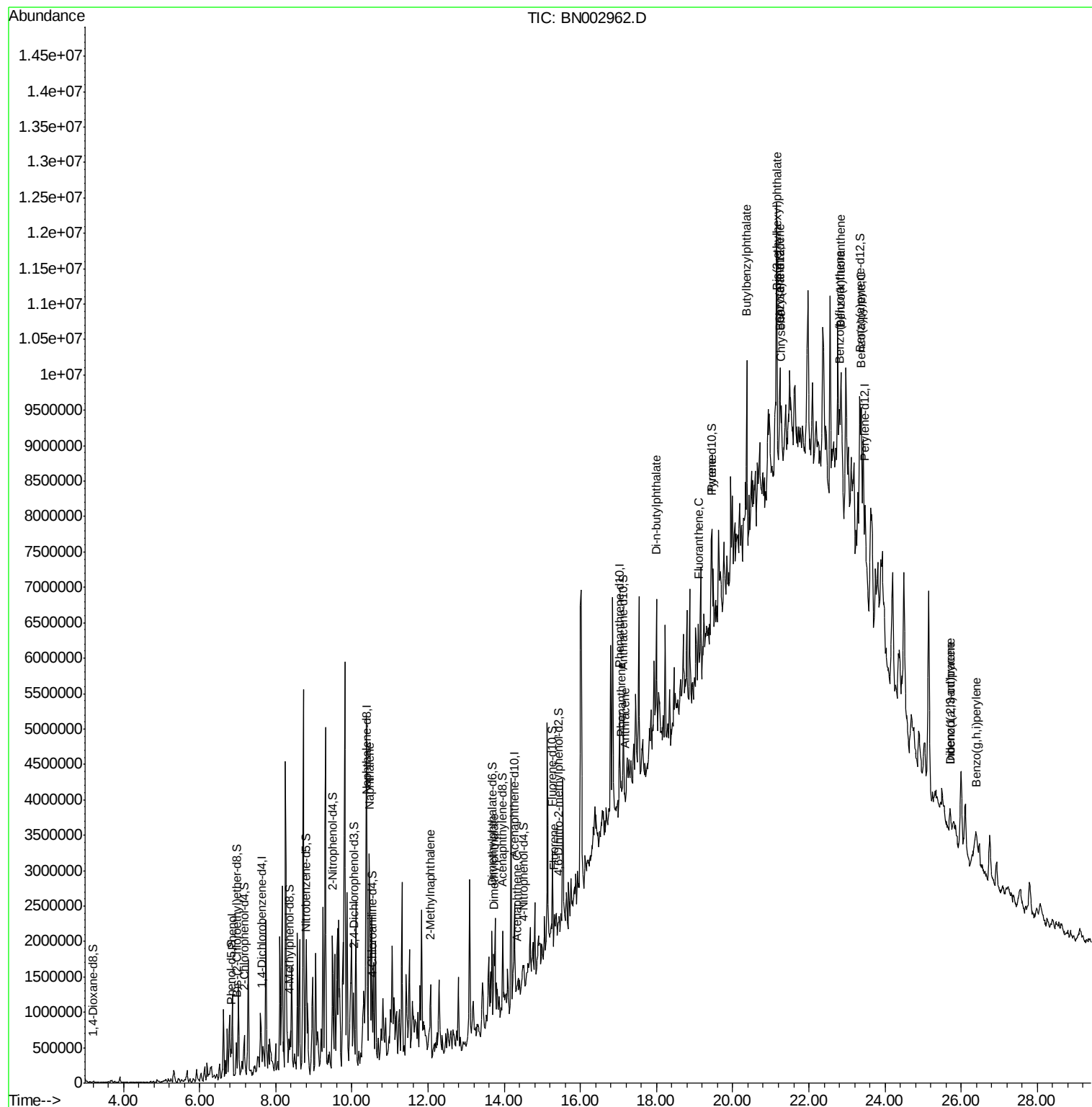
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN100618\
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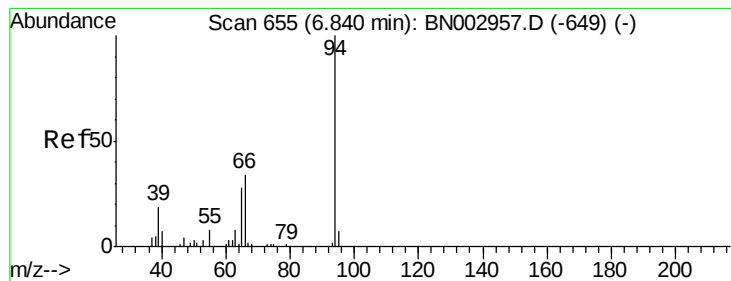
Instrument :
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JLC29

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#6

Phenol

Concen: 2.364 ng/ul m

RT: 6.85 min Scan# 657

Delta R.T. 0.01 min

Lab File: BN002962.D

Acq: 05 Oct 2018 12:12

Instrument :

BNA_N

ClientSampled :

JLC29

Tgt Ion: 94 Resp: 29804

Ion Ratio Lower Upper

94 100

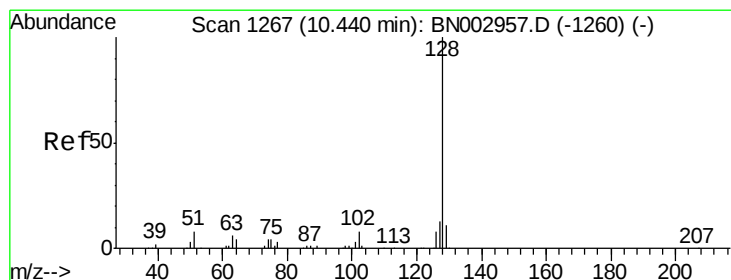
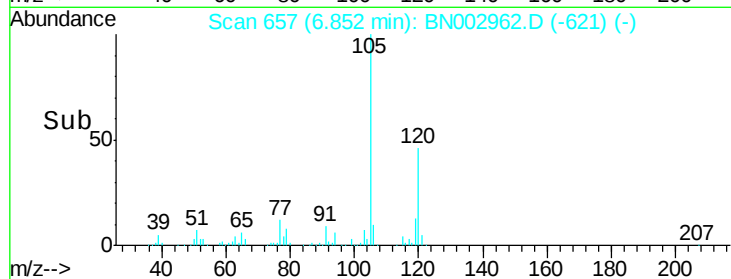
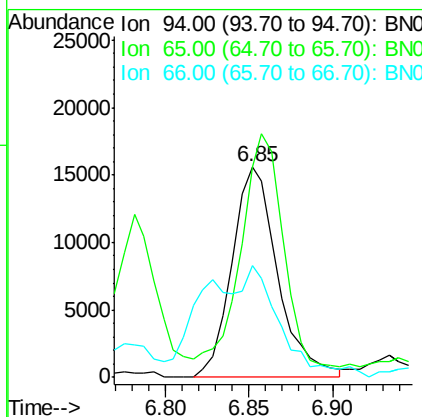
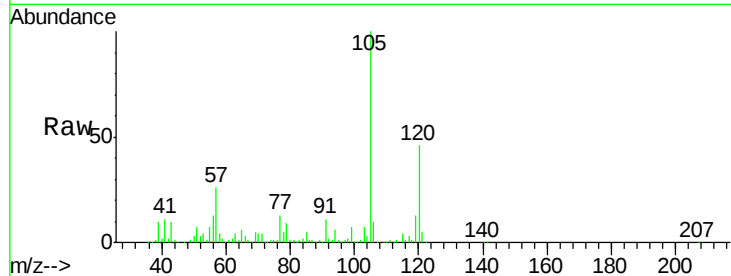
65 100.1 23.1 34.7#

66 53.3 29.8 44.6#

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#28

Naphthalene

Concen: 10.051 ng/ul

RT: 10.45 min Scan# 1269

Delta R.T. 0.01 min

Lab File: BN002962.D

Acq: 05 Oct 2018 12:12

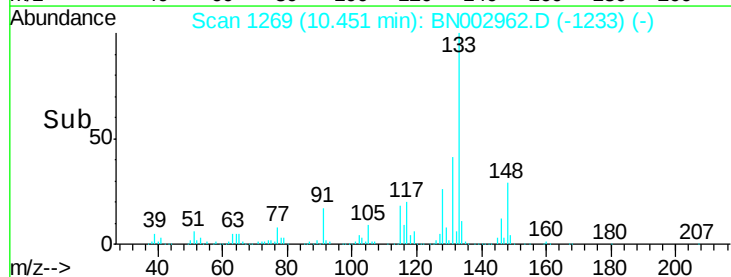
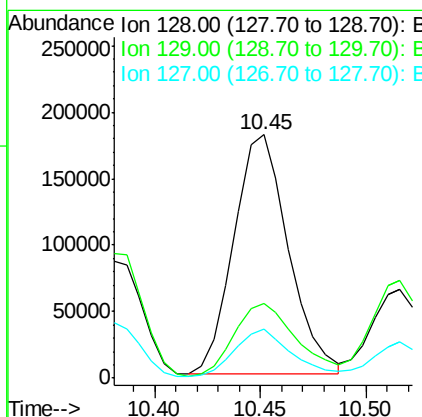
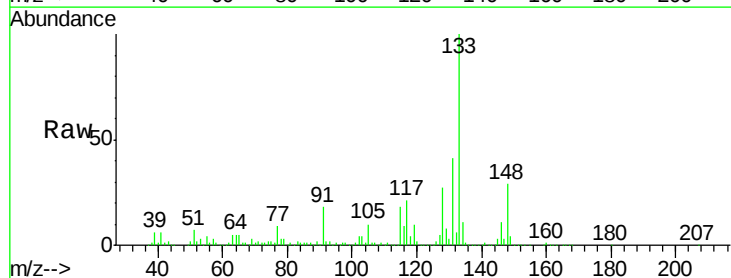
Tgt Ion: 128 Resp: 324695

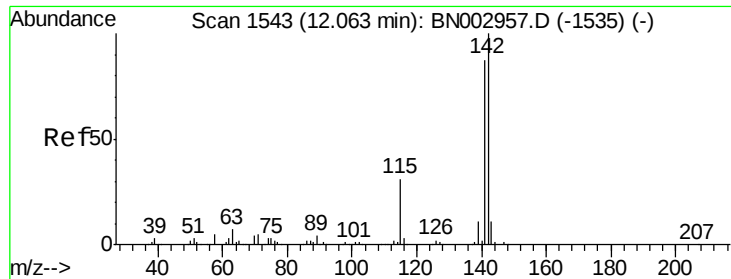
Ion Ratio Lower Upper

128 100

129 30.8 8.3 12.5#

127 19.9 10.5 15.7#





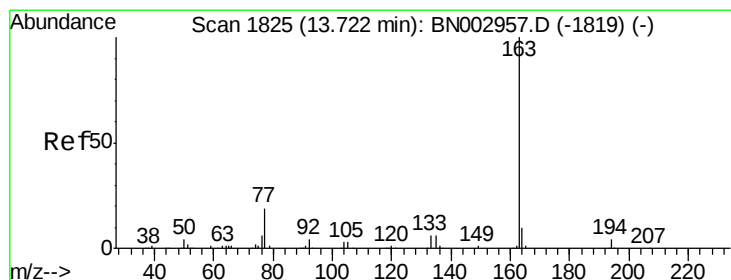
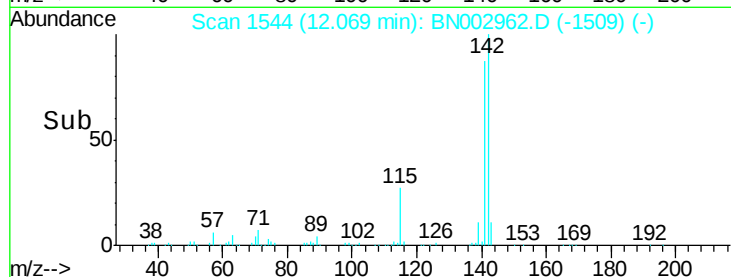
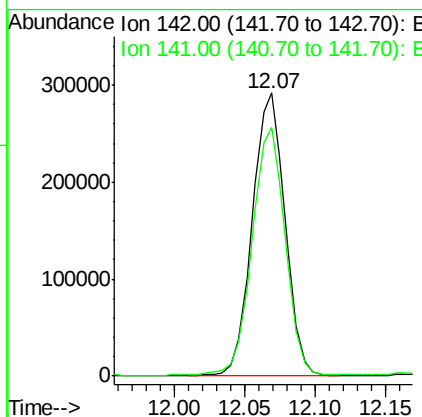
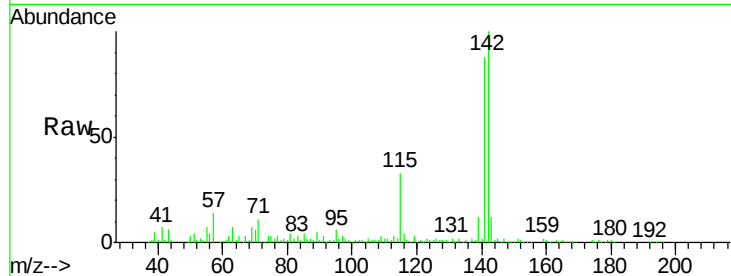
#34
2-Methylnaphthalene
Concen: 20.999 ng/ul
RT: 12.07 min Scan# 1544
Delta R.T. 0.01 min
Lab File: BN002962.D
Acq: 05 Oct 2018 12:12

Instrument :
BNA_N
ClientSampleId :
JLC29

Tgt Ion:142 Resp: 474150
Ion Ratio Lower Upper
142 100
141 87.8 71.8 107.8

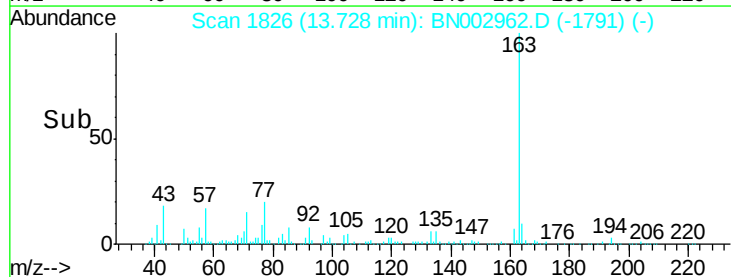
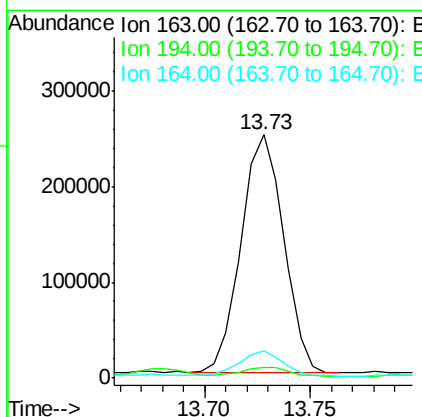
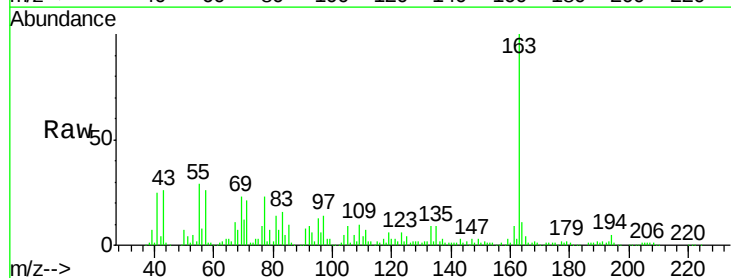
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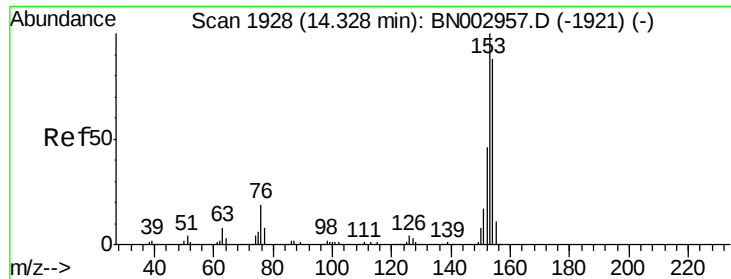
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#44
Dimethylphthalate
Concen: 13.157 ng/ul
RT: 13.73 min Scan# 1826
Delta R.T. 0.01 min
Lab File: BN002962.D
Acq: 05 Oct 2018 12:12

Tgt Ion:163 Resp: 348965
Ion Ratio Lower Upper
163 100
194 4.5 3.5 5.3
164 11.1 8.1 12.1





#49

Acenaphthene

Concen: 1.256 ng/ul

RT: 14.33 min Scan# 1929

Delta R.T. 0.01 min

Lab File: BN002962.D

Acq: 05 Oct 2018 12:12

Instrument :

BNA_N

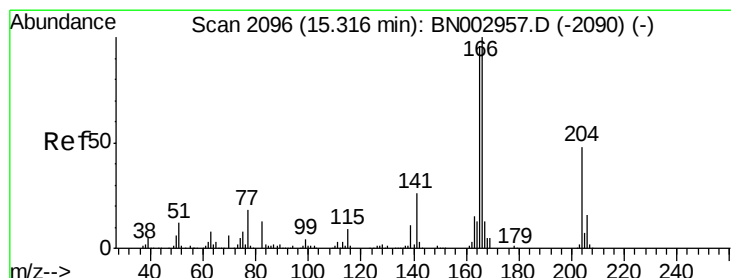
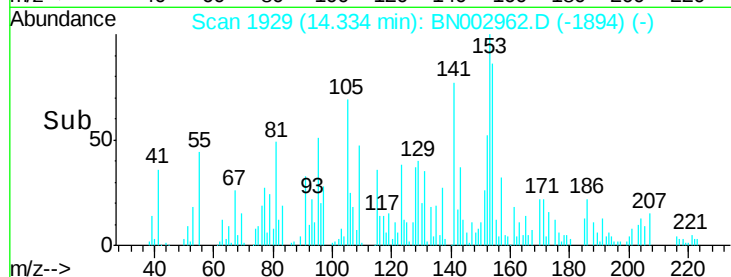
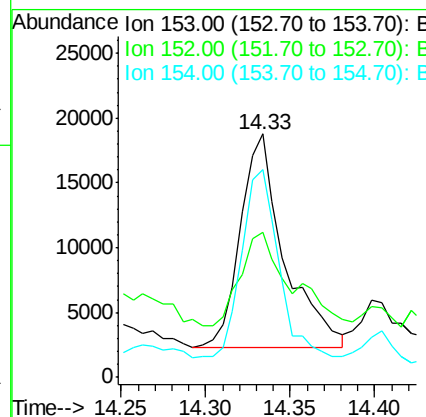
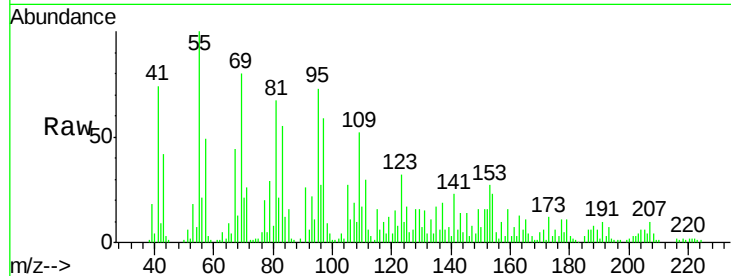
ClientSampled :

JLC29

Tgt Ion	Ratio	Lower	Upper
153	100		
152	59.8	37.8	56.6#
154	85.4	70.9	106.3

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#58

Fluorene

Concen: 1.369 ng/ul

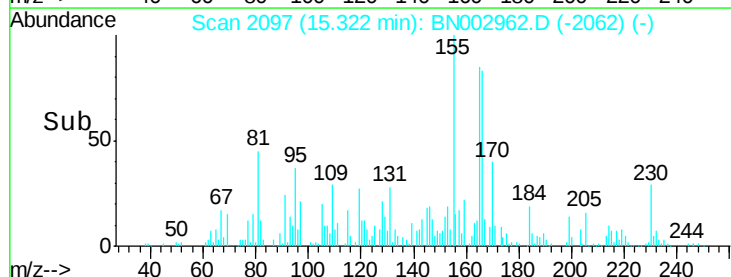
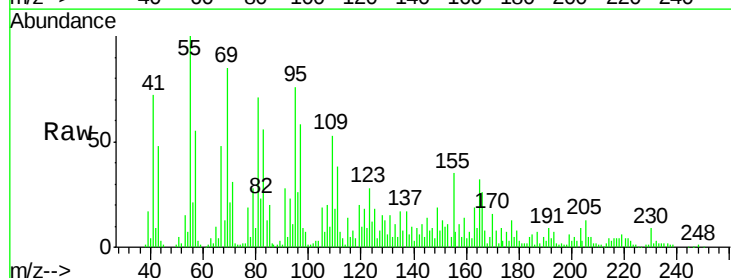
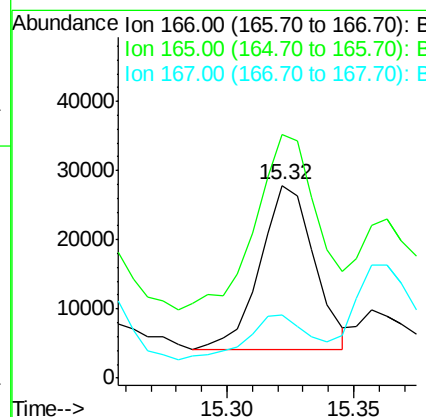
RT: 15.32 min Scan# 2097

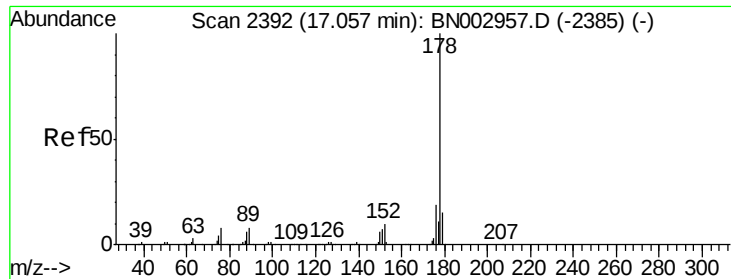
Delta R.T. 0.01 min

Lab File: BN002962.D

Acq: 05 Oct 2018 12:12

Tgt Ion	Ratio	Lower	Upper
166	100		
165	126.2	78.3	117.5#
167	32.6	11.0	16.6#





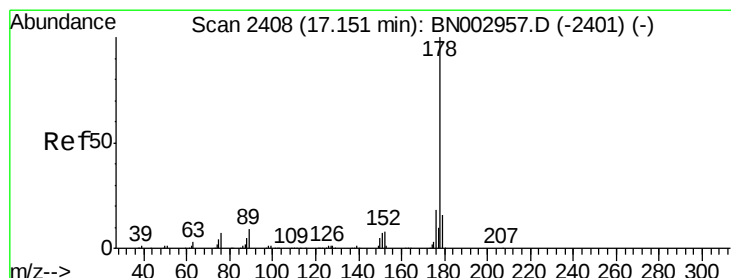
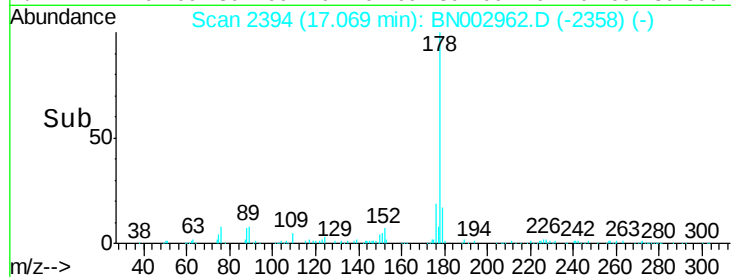
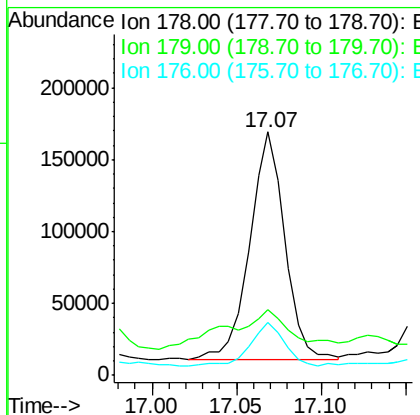
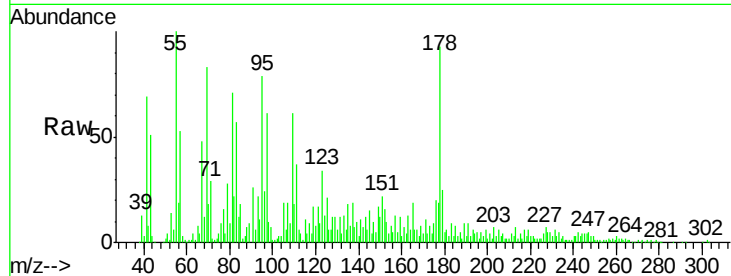
#69
Phenanthrene
Concen: 6.453 ng/ul
RT: 17.07 min Scan# 2394
Delta R.T. 0.01 min
Lab File: BN002962.D
Acq: 05 Oct 2018 12:12

Instrument :
BNA_N
ClientSampled :
JLC29

Tgt Ion	Ratio	Lower	Upper
178	100		
179	26.9	12.2	18.4#
176	21.5	15.0	22.6

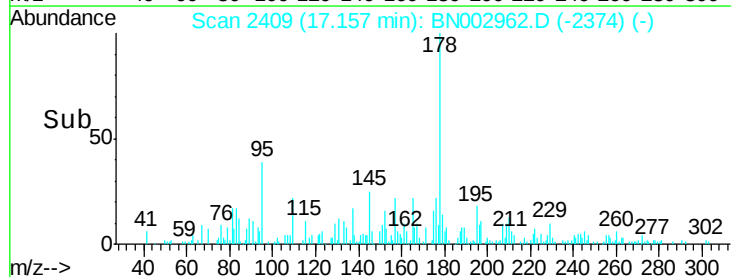
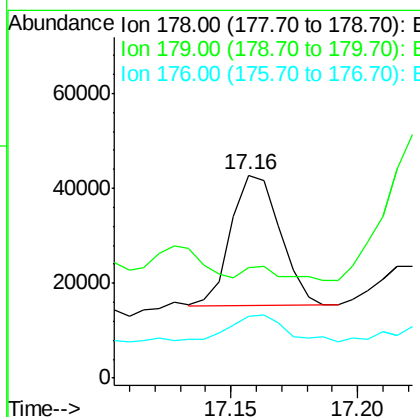
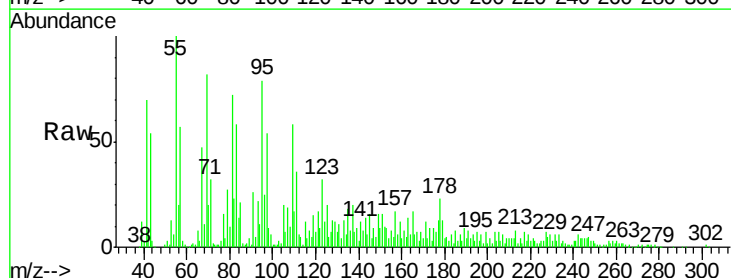
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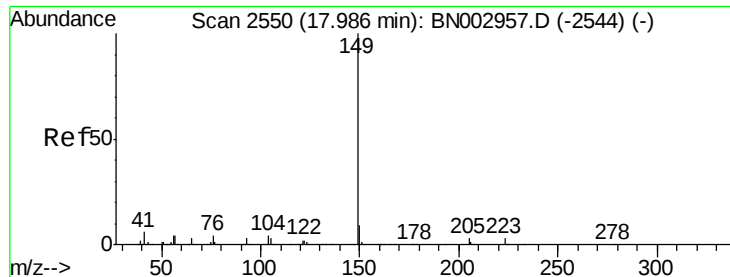
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#71
Anthracene
Concen: 1.041 ng/ul
RT: 17.16 min Scan# 2409
Delta R.T. 0.01 min
Lab File: BN002962.D
Acq: 05 Oct 2018 12:12

Tgt Ion	Ratio	Lower	Upper
178	100		
179	54.7	12.0	18.0#
176	30.6	15.0	22.4#





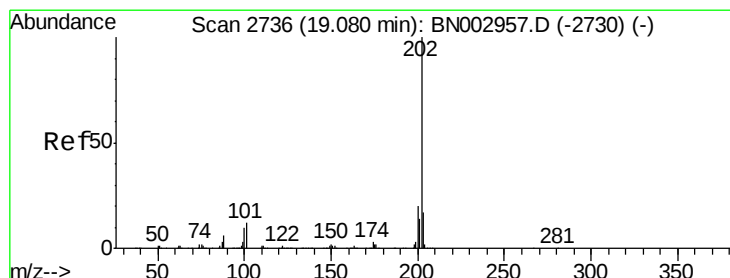
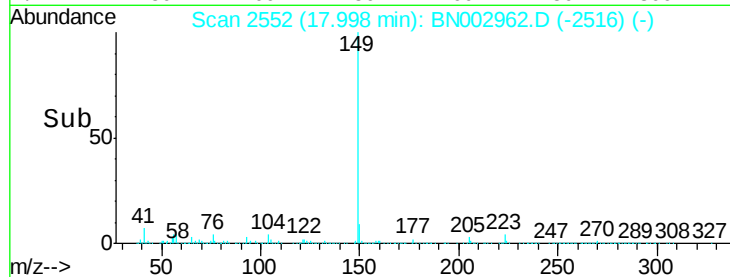
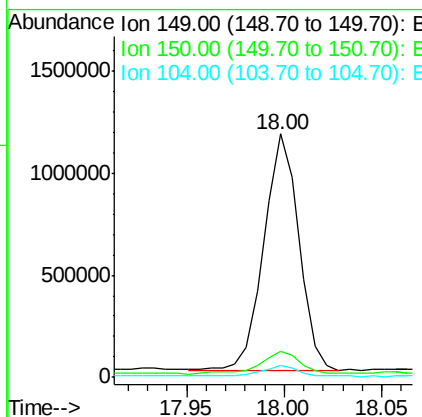
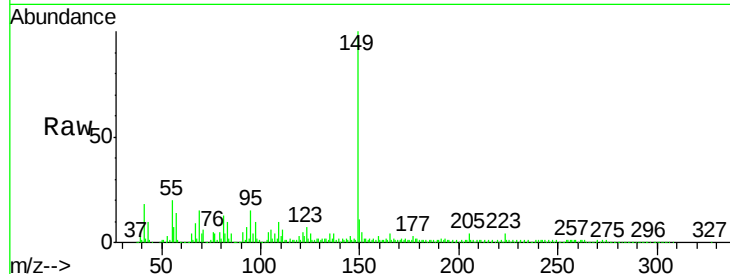
#75
Di-n-butylphthalate
Concen: 38.978 ng/ul
RT: 18.00 min Scan# 2552
Delta R.T. 0.01 min
Lab File: BN002962.D
Acq: 05 Oct 2018 12:12

Instrument :
BNA_N
ClientSampleId :
JLC29

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.6	7.3	10.9
104	4.8	3.7	5.5

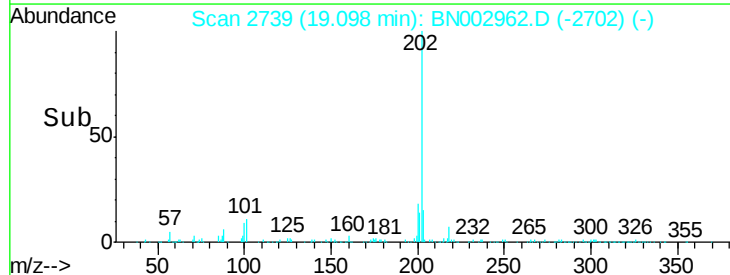
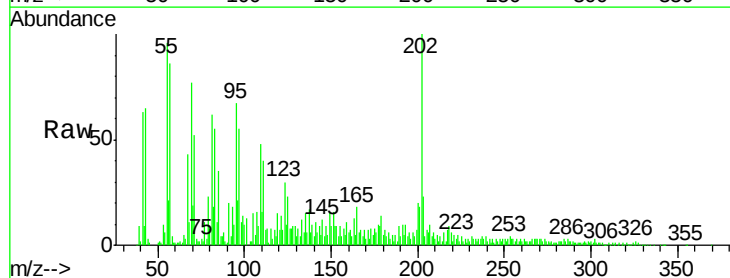
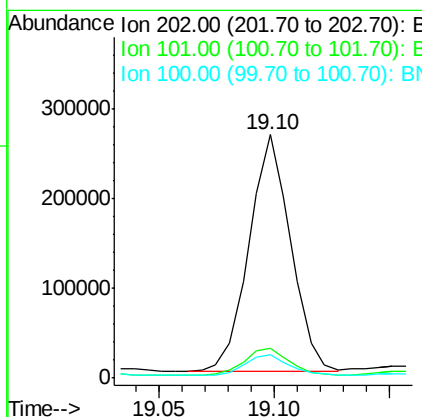
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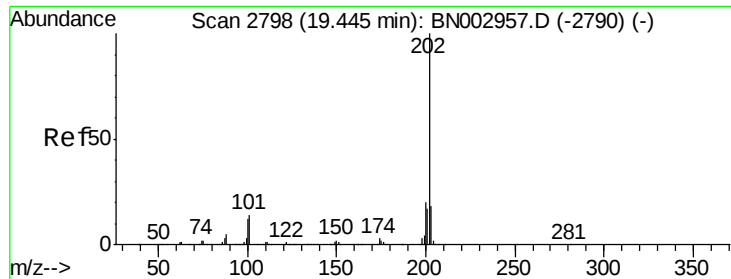
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#76
Fluoranthene
Concen: 8.784 ng/ul
RT: 19.10 min Scan# 2739
Delta R.T. 0.02 min
Lab File: BN002962.D
Acq: 05 Oct 2018 12:12

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.5	9.4	14.2
100	9.6	7.0	10.6





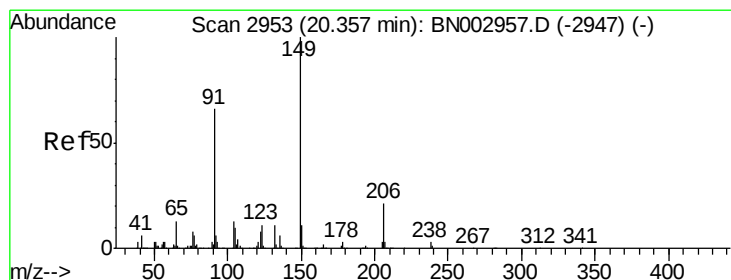
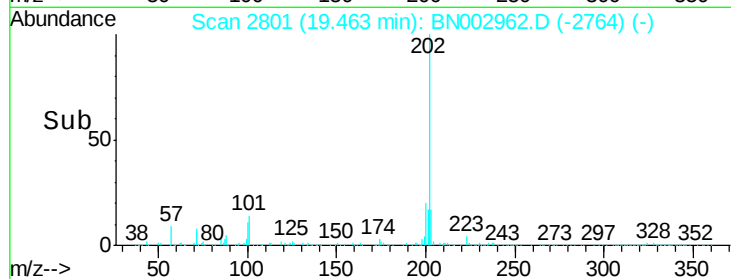
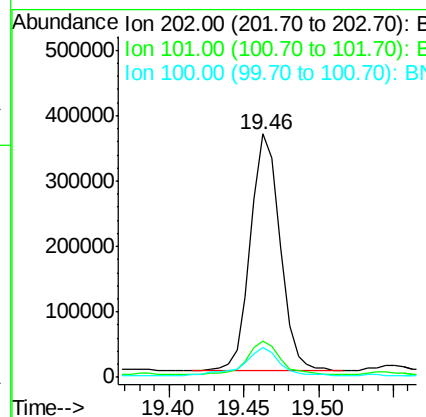
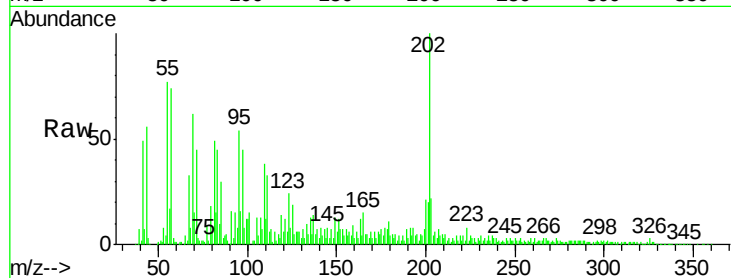
#79
 Pyrene
 Concen: 15.073 ng/ul
 RT: 19.46 min Scan# 2801
 Delta R.T. 0.02 min
 Lab File: BN002962.D
 Acq: 05 Oct 2018 12:12

Instrument :
 BNA_N
 ClientSampled :
 JLC29

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	15.1	10.8	16.2
100	12.1	8.2	12.2

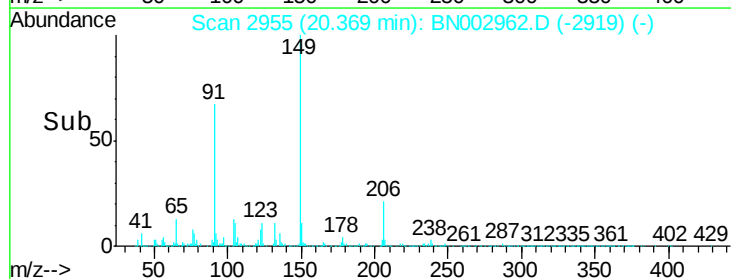
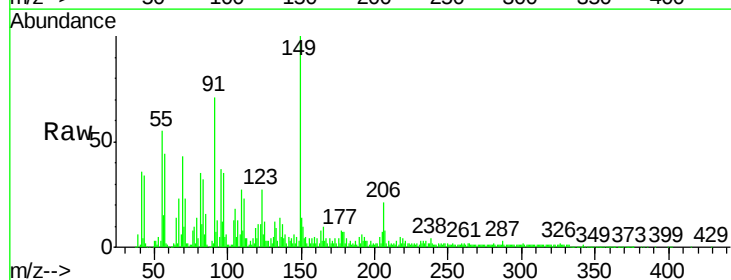
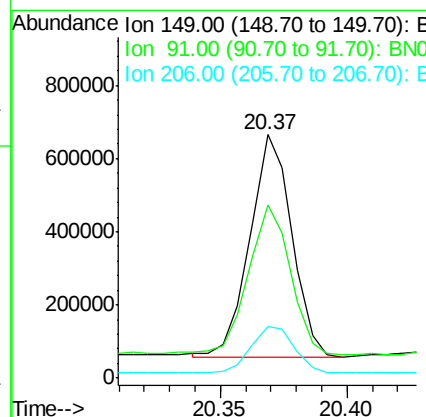
Manual Integrations
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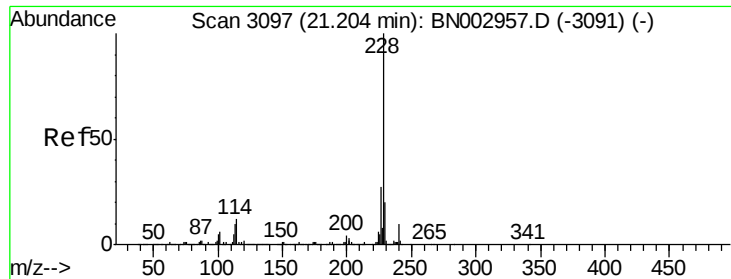
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#80
 Butylbenzylphthalate
 Concen: 50.106 ng/ul
 RT: 20.37 min Scan# 2955
 Delta R.T. 0.01 min
 Lab File: BN002962.D
 Acq: 05 Oct 2018 12:12

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
91	71.3	56.3	84.5
206	21.2	16.8	25.2





#82

Benzo(a)anthracene

Concen: 4.831 ng/uI

RT: 21.23 min Scan# 3101

Delta R.T. 0.02 min

Lab File: BN002962.D

Acq: 05 Oct 2018 12:12

Instrument :

BNA_N

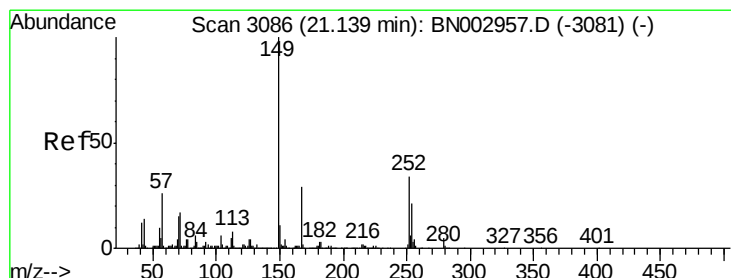
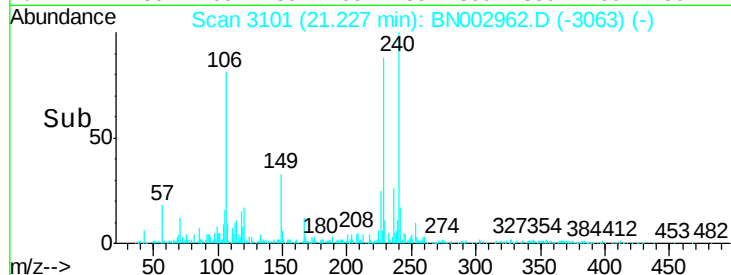
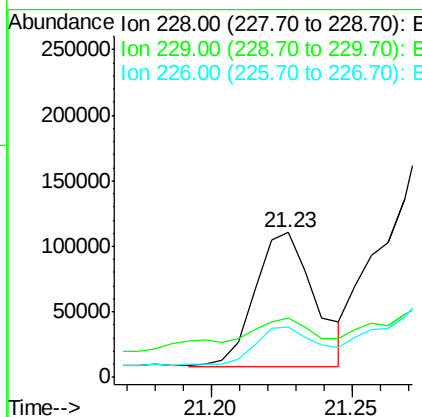
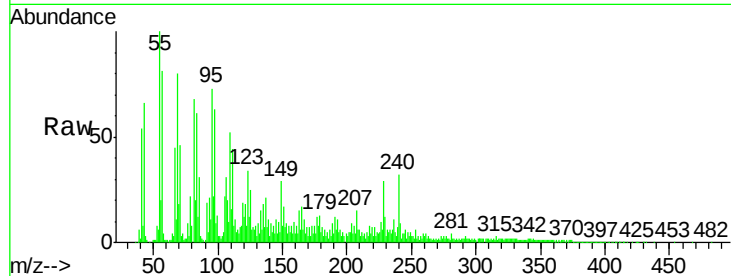
ClientSampled :

JLC29

Tgt Ion:	228	Resp:	151064
Ion Ratio	Lower	Upper	
228	100		
229	40.5	15.8	23.6#
226	34.5	20.9	31.3#

Manual Integrations
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#83

Bis(2-ethylhexyl)phthalate

Concen: 67.947 ng/uI

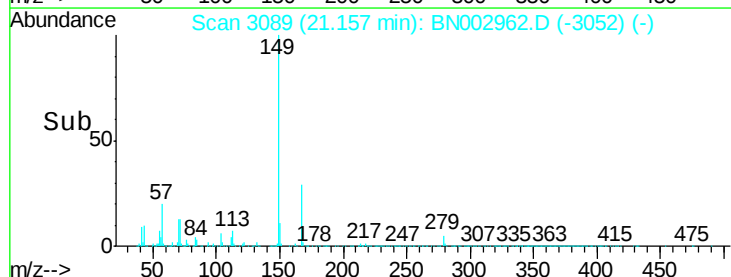
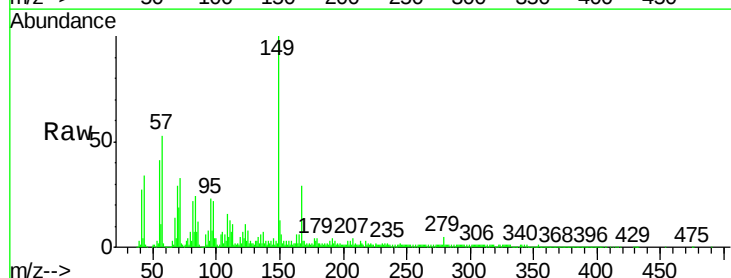
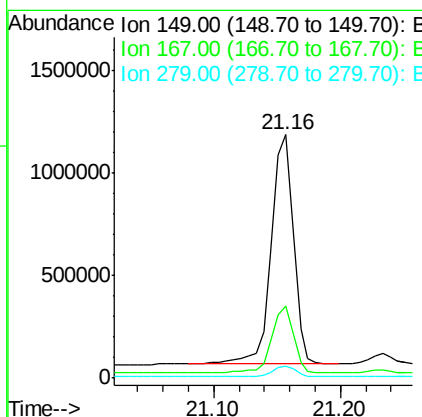
RT: 21.16 min Scan# 3089

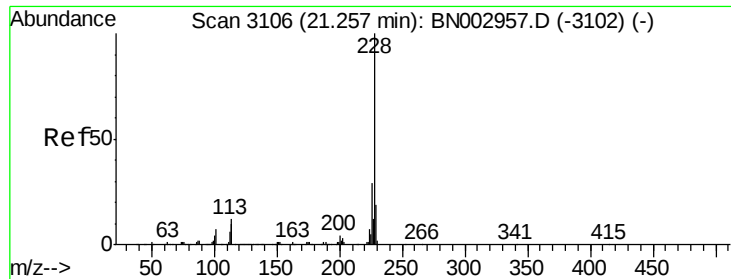
Delta R.T. 0.02 min

Lab File: BN002962.D

Acq: 05 Oct 2018 12:12

Tgt Ion:	149	Resp:	1364344
Ion Ratio	Lower	Upper	
149	100		
167	29.4	22.0	33.0
279	5.1	3.3	4.9#





#84

Chrysene

Concen: 10.561 ng/ul

RT: 21.27 min Scan# 3109

Delta R.T. 0.02 min

Lab File: BN002962.D

Acq: 05 Oct 2018 12:12

Instrument :

BNA_N

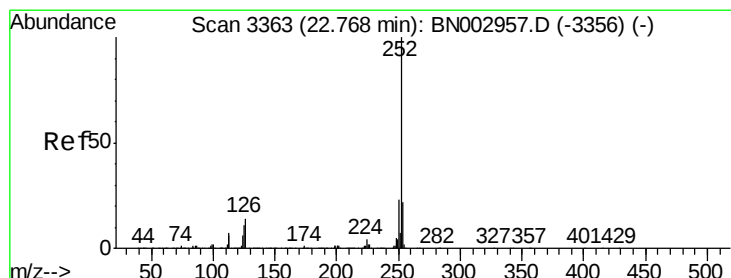
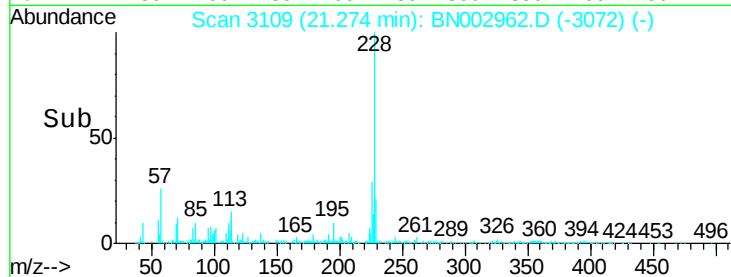
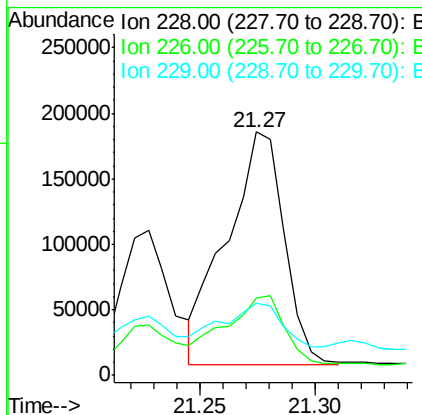
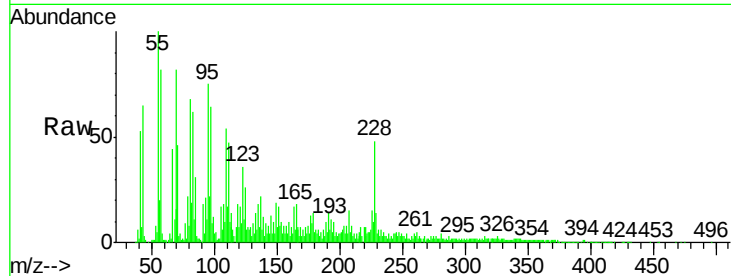
ClientSampled :

JLC29

Tgt	Ion	228	Resp:	309556
	Ion	Ratio	Lower	Upper
	228	100		
	226	31.9	23.4	35.0
	229	29.7	15.7	23.5#

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#87

Benzo(b)fluoranthene

Concen: 12.616 ng/ul m

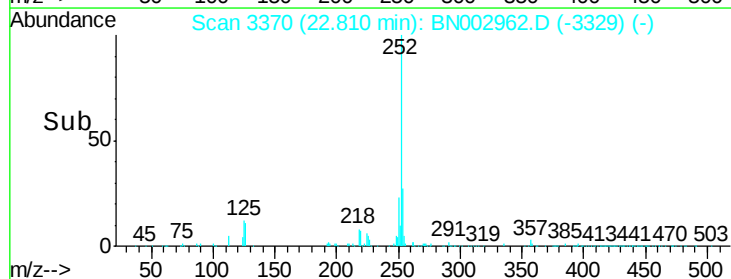
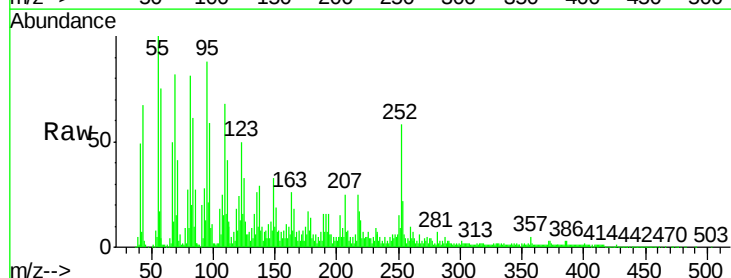
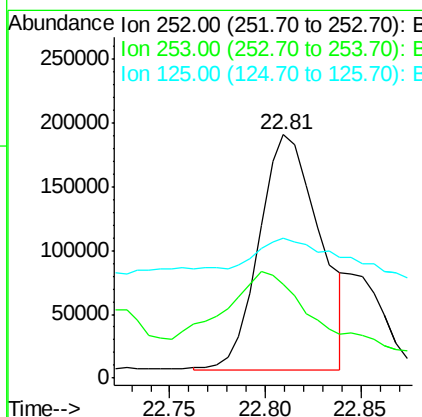
RT: 22.81 min Scan# 3370

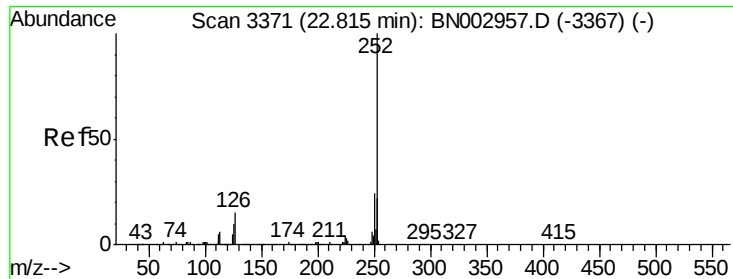
Delta R.T. 0.04 min

Lab File: BN002962.D

Acq: 05 Oct 2018 12:12

Tgt	Ion	252	Resp:	407827
	Ion	Ratio	Lower	Upper
	252	100		
	253	38.5	17.0	25.4#
	125	57.6	8.0	12.0#





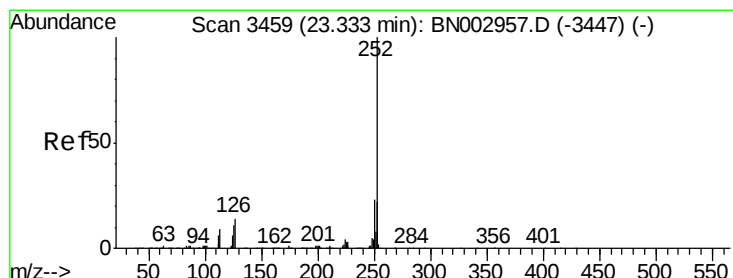
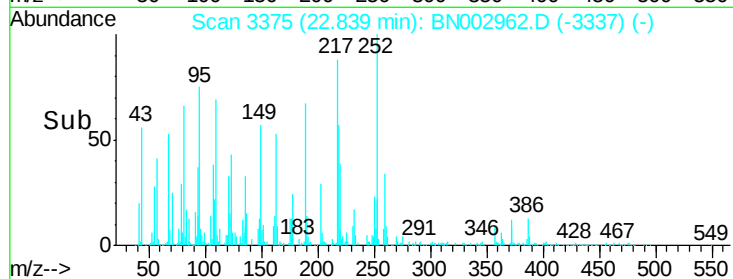
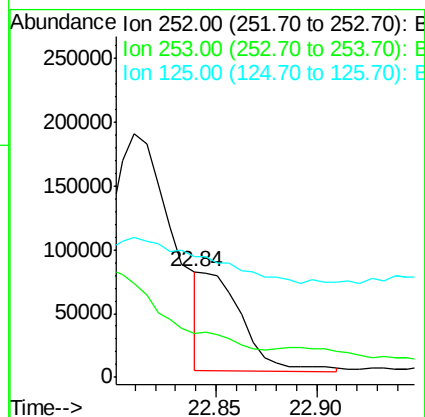
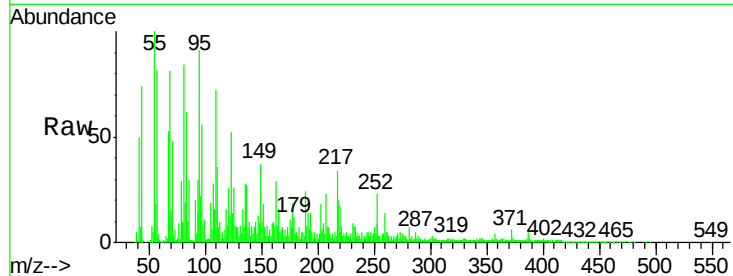
#88
Benzo(k)fluoranthene
Concen: 3.674 ng/ul m
RT: 22.84 min Scan# 3375
Delta R.T. 0.02 min
Lab File: BN002962.D
Acq: 05 Oct 2018 12:12

Instrument :
BNA_N
ClientSampleId :
JLC29

Tgt Ion	Ratio	Lower	Upper
252	100		
253	41.3	17.8	26.8#
125	114.9	8.3	12.5#

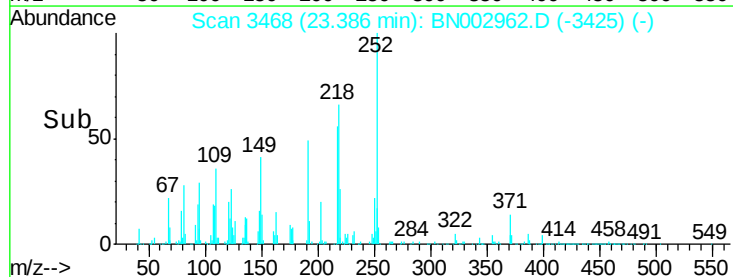
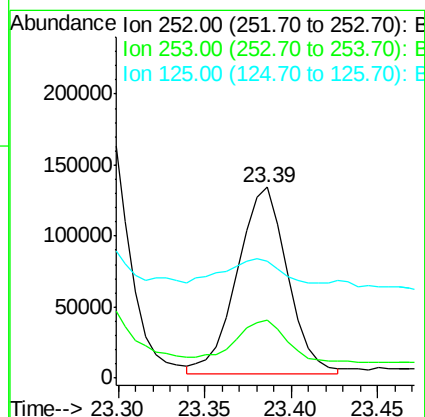
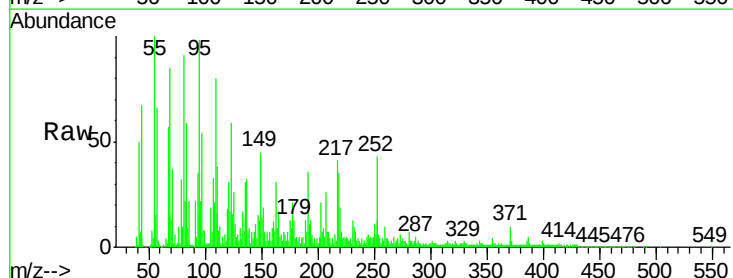
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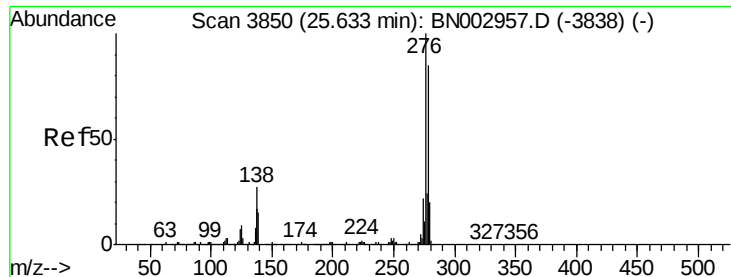
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#90
Benzo(a)pyrene
Concen: 8.652 ng/ul m
RT: 23.39 min Scan# 3468
Delta R.T. 0.05 min
Lab File: BN002962.D
Acq: 05 Oct 2018 12:12

Tgt Ion	Ratio	Lower	Upper
252	100		
253	30.5	17.6	26.4#
125	61.2	8.8	13.2#





#91

Indeno(1,2,3-cd)pyrene

Concen: 7.011 ng/ul

RT: 25.72 min Scan# 3864

Delta R.T. 0.08 min

Lab File: BN002962.D

Acq: 05 Oct 2018 12:12

Instrument :

BNA_N

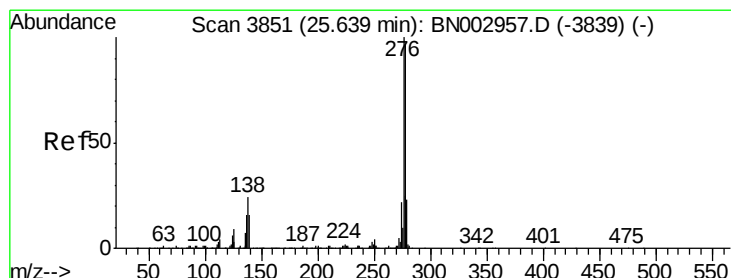
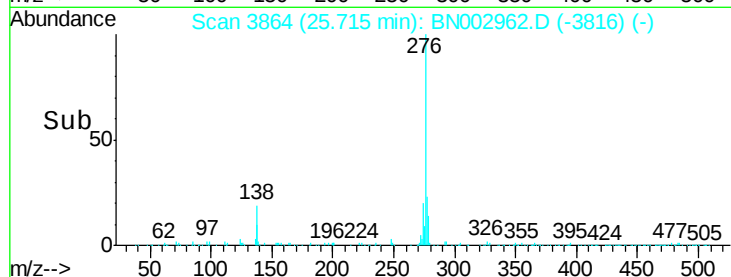
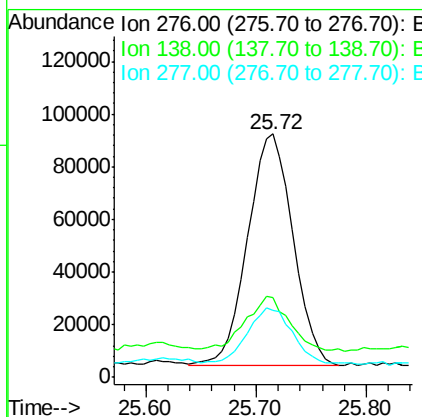
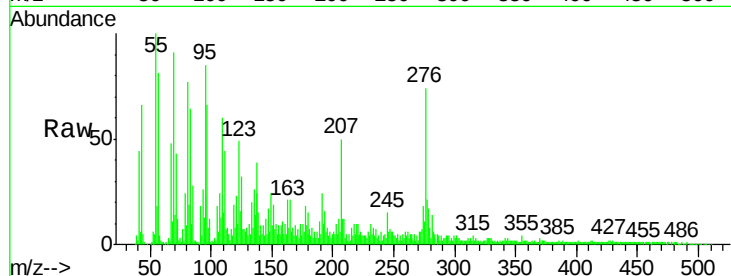
ClientSampleId :

JLC29

Tgt Ion:	276	Resp:	253654
Ion Ratio	Lower	Upper	
276	100		
138	32.8	20.2	30.4#
277	27.7	20.0	30.0

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#92

Dibenzo(a,h)anthracene

Concen: 2.225 ng/ul

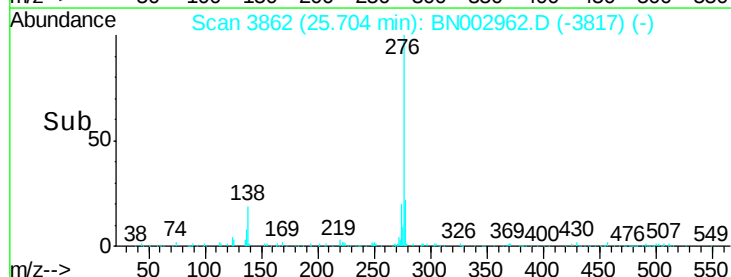
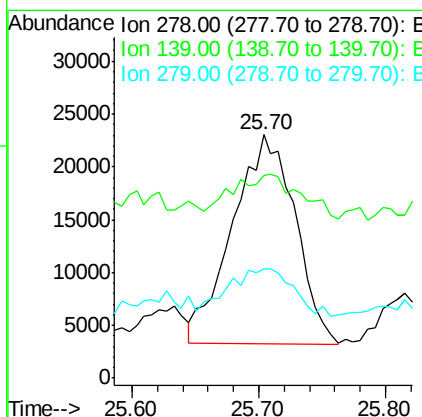
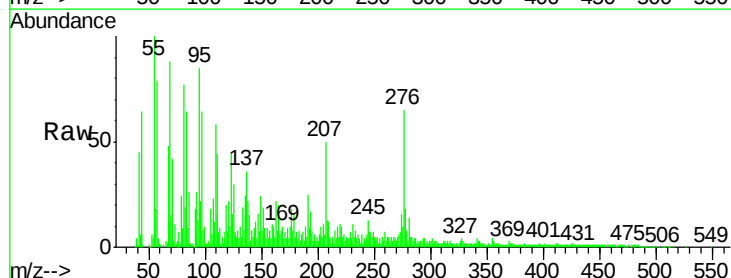
RT: 25.70 min Scan# 3862

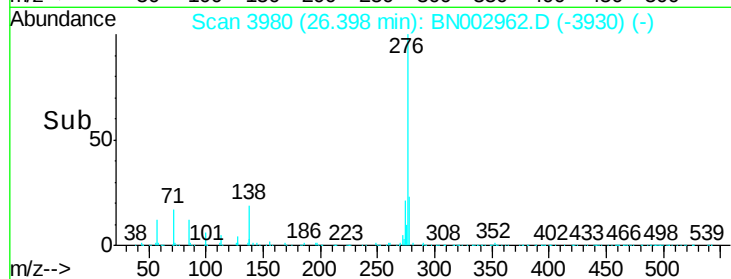
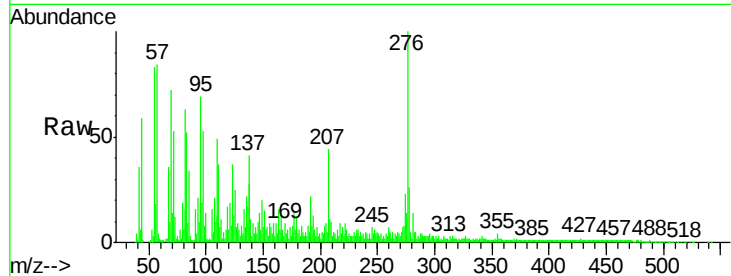
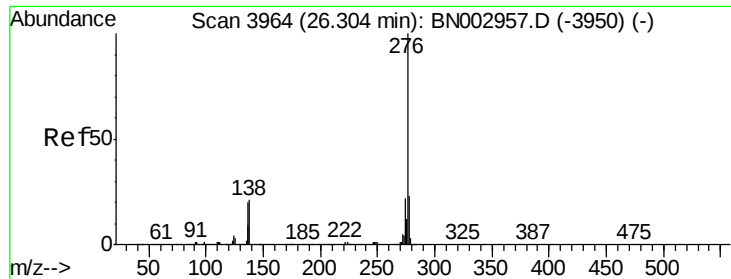
Delta R.T. 0.06 min

Lab File: BN002962.D

Acq: 05 Oct 2018 12:12

Tgt Ion:	278	Resp:	67842
Ion Ratio	Lower	Upper	
278	100		
139	83.0	12.7	19.1#
279	44.8	18.7	28.1#





#93

Benzo(g,h,i)perylene

Concen: 13.292 ng/ul

RT: 26.40 min Scan# 3980

Delta R.T. 0.09 min

Lab File: BN002962.D

Acq: 05 Oct 2018 12:12

Tgt Ion:	276	Resp:	402009
Ion Ratio		Lower	Upper
276	100		
138	28.1	18.2	27.2#
277	26.2	18.6	28.0

Instrument :

BNA_N

ClientSampleId :

JLC29

Manual Integrations
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