

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN100618\
 Data File : BN002961.D
 Acq On : 05 Oct 2018 11:37
 Operator : MJ/SJ
 Sample : J5183-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 JLC16

Manual Integrations
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Sohil
 10/8/2018 5:53:18 PM

Quant Time: Oct 06 01:38:46 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	7.62	152	142523	20.00	ng/ul	0.00
18) Naphthalene-d8	10.39	136	642232	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.26	164	376289	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.02	188	786895	20.00	ng/ul	0.00
77) Chrysene-d12	21.23	240	562541	20.00	ng/ul	0.01
85) Perylene-d12	23.45	264	549491	20.00	ng/ul	0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.20	96	7677	2.48	ng/uL	0.00
5) Phenol-d5	6.82	99	203756	16.83	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.97	67	127724	16.99	ng/ul	0.00
9) 2-Chlorophenol-d4	7.16	132	178147	17.88	ng/ul	0.00
13) 4-Methylphenol-d8	8.35	113	161231	17.20	ng/ul	0.00
19) Nitrobenzene-d5	8.78	128	89491	17.99	ng/ul	0.00
22) 2-Nitrophenol-d4	9.49	143	104652	18.59	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.04	165	188166	18.52	ng/ul	0.01
29) 4-Chloroaniline-d4	10.55	131	140640	11.96	ng/ul	0.00
43) Dimethylphthalate-d6	13.67	166	585354	19.87	ng/ul	0.00
46) Acenaphthylene-d8	13.95	160	786917	20.46	ng/ul	0.00
51) 4-Nitrophenol-d4	14.52	143	68520	14.07	ng/ul	0.02
57) Fluorene-d10	15.26	176	561248	21.75	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.42	200	26011	5.28	ng/ul	0.00
70) Anthracene-d10	17.12	188	813496	21.65	ng/ul	0.00
78) Pyrene-d10	19.43	212	717497	24.17	ng/ul	0.01
89) Benzo(a)pyrene-d12	23.31	264	623561	21.56	ng/ul	0.02

Target Compounds

					Qvalue	
6) Phenol	6.85	94	31913	2.615	ng/ul	96
14) Acetophenone	8.45	105	21370	1.480	ng/ul	99
44) Dimethylphthalate	13.72	163	611911	21.286	ng/ul	99
49) Acenaphthene	14.33	153	28328	1.107	ng/ul	98
69) Phenanthrene	17.06	178	426057	9.827	ng/ul	99
71) Anthracene	17.15	178	91139	2.073	ng/ul	98
74) Carbazole	17.43	167	106243	2.816	ng/ul	98
75) Di-n-butylphthalate	17.99	149	214429	4.737	ng/ul	98
76) Fluoranthene	19.09	202	1495512	32.336	ng/ul	100
79) Pyrene	19.46	202	1453784	39.086	ng/ul	98
80) Butylbenzylphthalate	20.36	149	377401	24.384	ng/ul	97
82) Benzo(a)anthracene	21.22	228	1015078	29.006	ng/ul	98
83) Bis(2-ethylhexyl)phthalate	21.15	149	1557549	69.319	ng/ul	98
84) Chrysene	21.27	228	5507118	167.894	ng/ul	97
86) Di-n-octyl phthalate	22.03	149	787428	21.680	ng/ul#	80
87) Benzo(b)fluoranthene	22.80	252	3488691	103.959	ng/ul#	94
88) Benzo(k)fluoranthene	22.83	252	841357m	26.874	ng/ul	
90) Benzo(a)pyrene	23.36	252	539498	17.005	ng/ul#	91
91) Indeno(1,2,3-cd)pyrene	25.67	276	949515	25.280	ng/ul	97
92) Dibenzo(a,h)anthracene	25.66	278	303694	9.596	ng/ul#	90
93) Benzo(g,h,i)perylene	26.34	276	1118731	35.631	ng/ul	98

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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

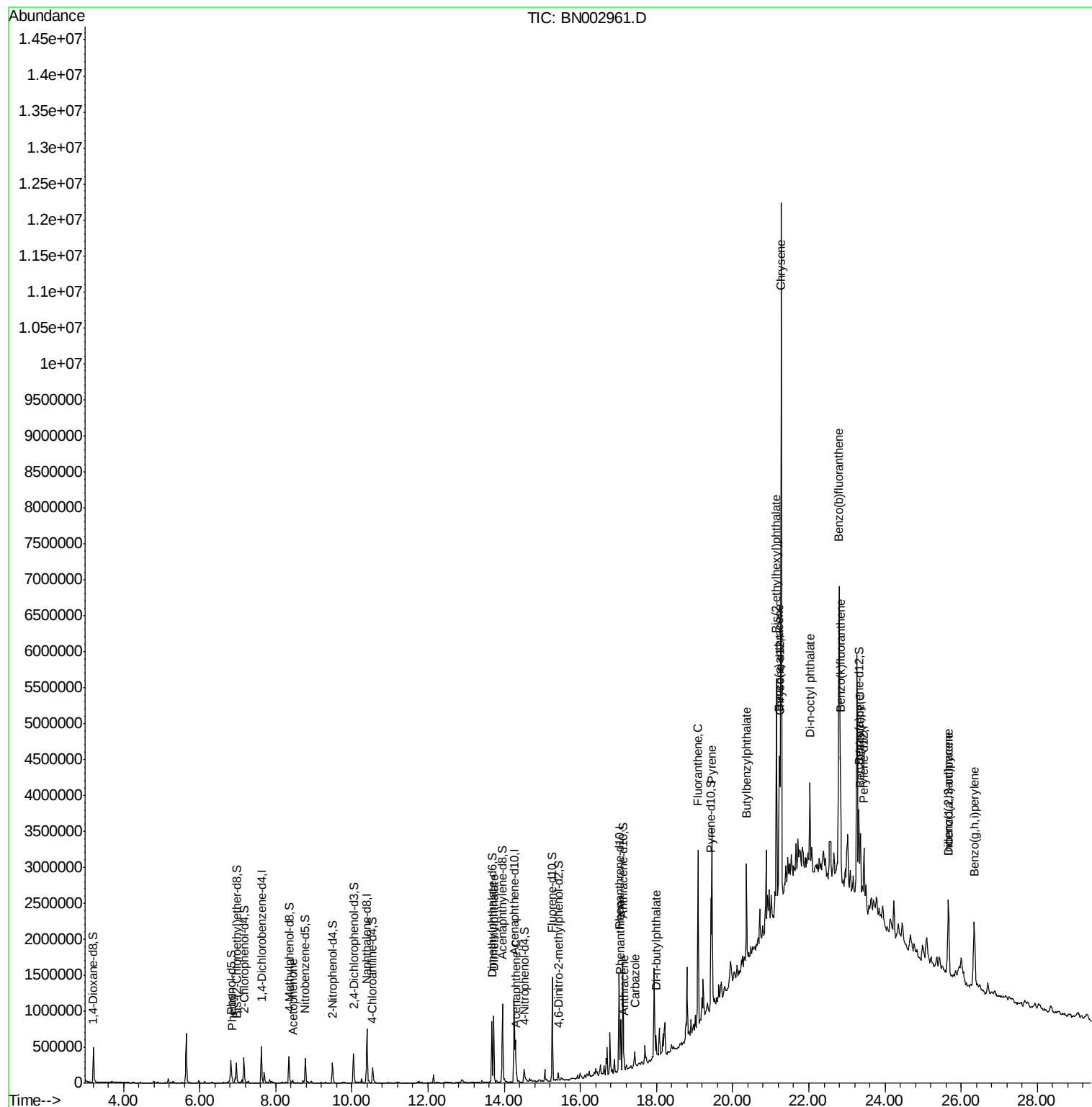
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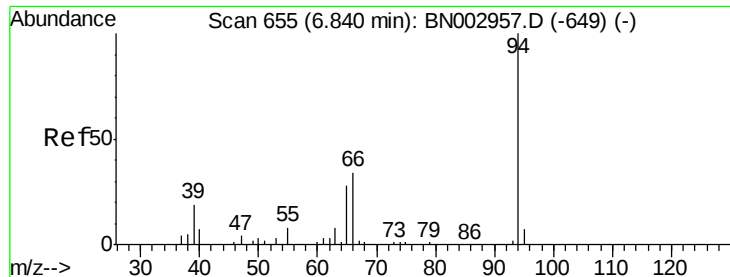
Instrument :
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#6

Phenol

Concen: 2.615 ng/ul

RT: 6.85 min Scan# 657

Delta R.T. 0.01 min

Lab File: BN002961.D

Acq: 05 Oct 2018 11:37

Instrument :

BNA_N

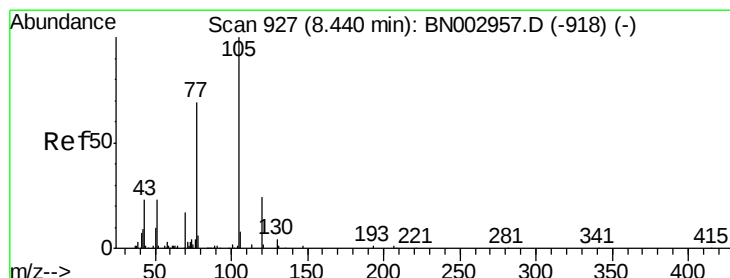
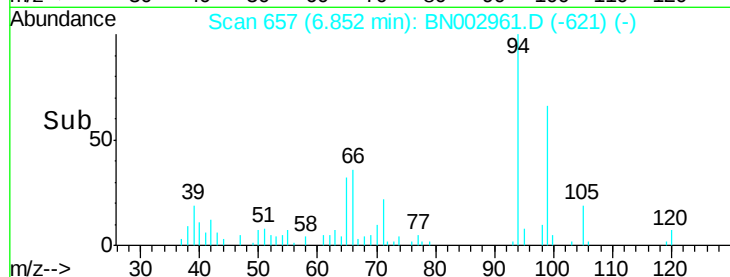
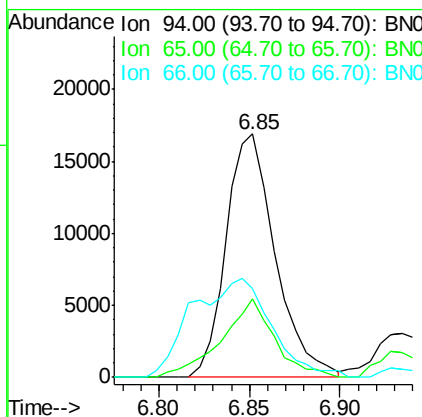
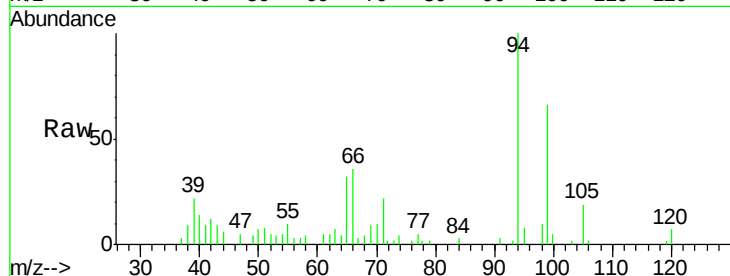
ClientSampled :

JLC16

Tgt Ion:	94	Resp:	31913
Ion	Ratio	Lower	Upper
94	100		
65	32.4	23.1	34.7
66	36.3	29.8	44.6

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#14

Acetophenone

Concen: 1.480 ng/ul

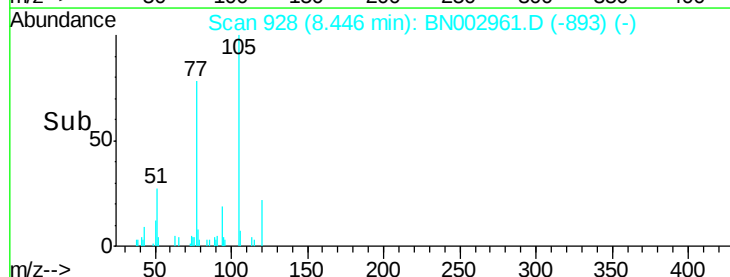
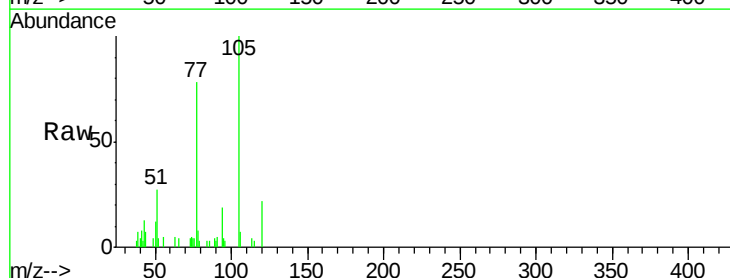
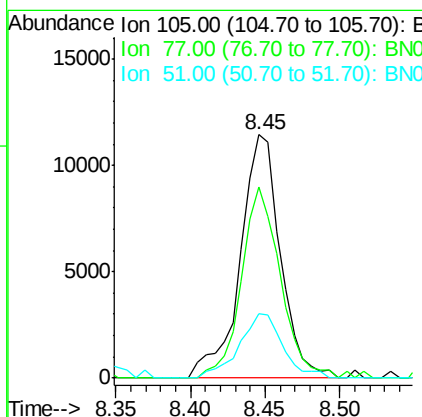
RT: 8.45 min Scan# 928

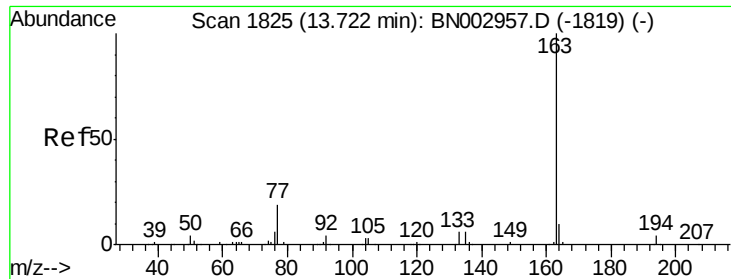
Delta R.T. 0.01 min

Lab File: BN002961.D

Acq: 05 Oct 2018 11:37

Tgt Ion:	105	Resp:	21370
Ion	Ratio	Lower	Upper
105	100		
77	78.4	62.9	94.3
51	26.6	21.9	32.9





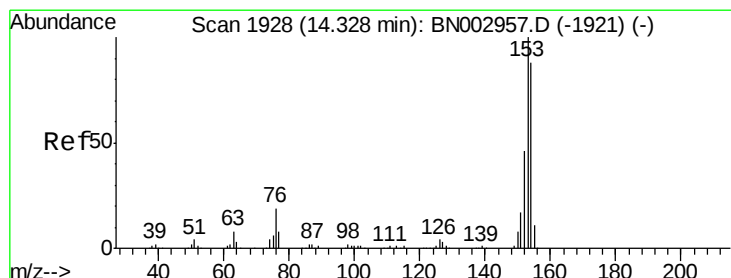
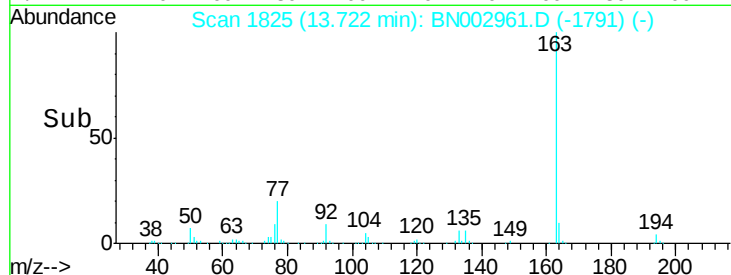
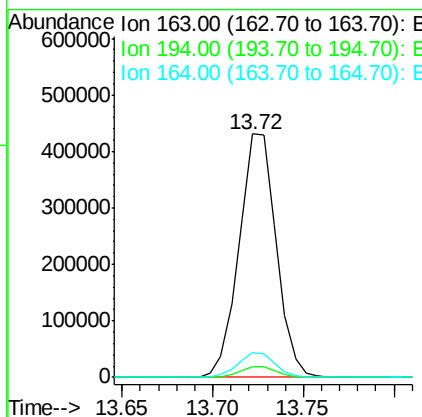
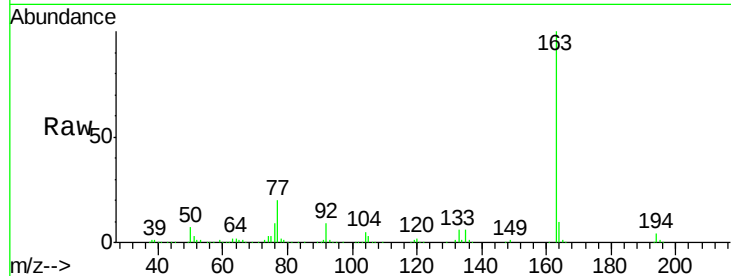
#44
Dimethylphthalate
Concen: 21.286 ng/ul
RT: 13.72 min Scan# 1825
Delta R.T. 0.00 min
Lab File: BN002961.D
Acq: 05 Oct 2018 11:37

Instrument :
BNA_N
ClientSampled :
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Tgt Ion	Ratio	Resp	Lower	Upper
163	100	611911		
194	4.2	3.5	5.3	
164	10.3	8.1	12.1	

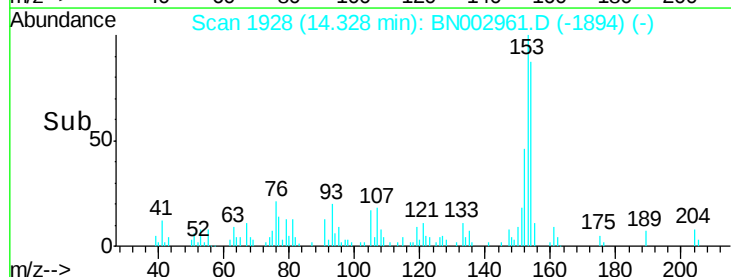
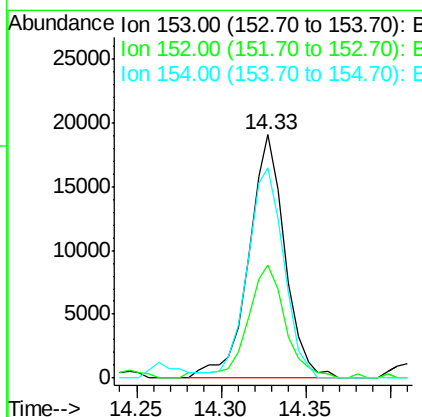
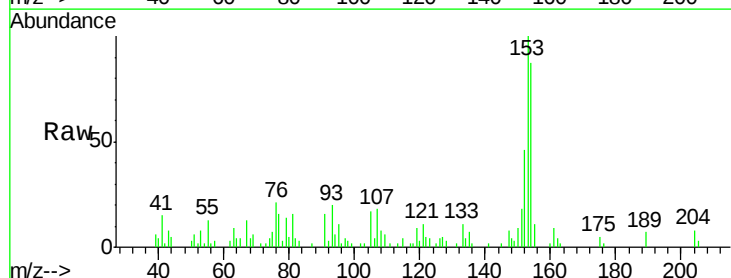
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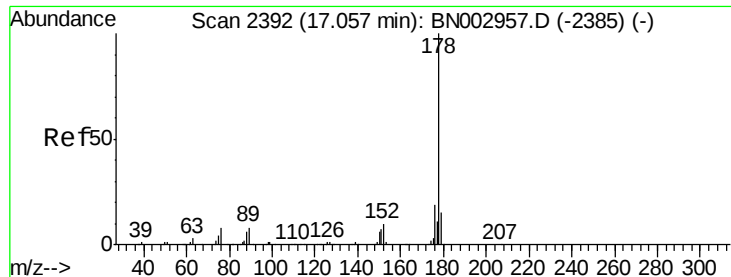
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#49
Acenaphthene
Concen: 1.107 ng/ul
RT: 14.33 min Scan# 1928
Delta R.T. 0.00 min
Lab File: BN002961.D
Acq: 05 Oct 2018 11:37

Tgt Ion	Ratio	Resp	Lower	Upper
153	100	28328		
152	46.3	37.8	56.6	
154	86.5	70.9	106.3	





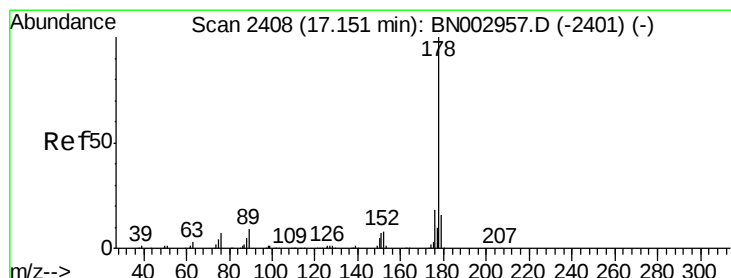
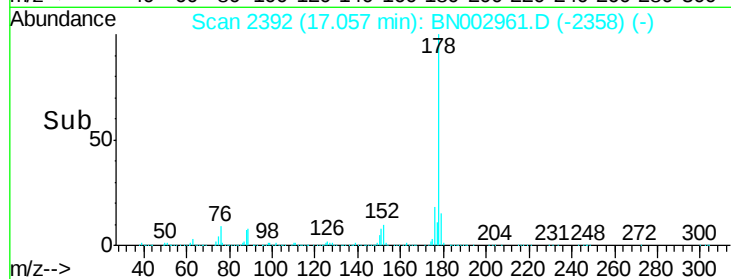
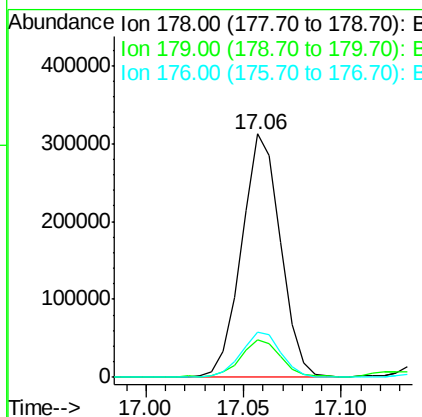
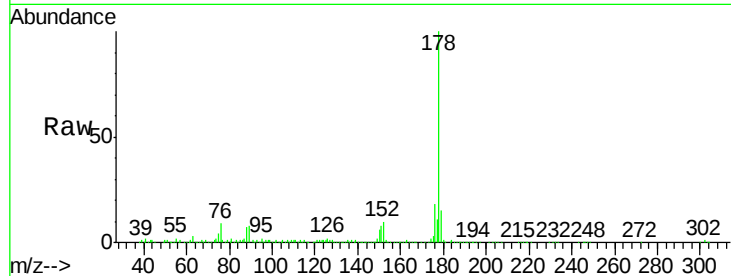
#69
Phenanthrene
Concen: 9.827 ng/ul
RT: 17.06 min Scan# 2392
Delta R.T. 0.00 min
Lab File: BN002961.D
Acq: 05 Oct 2018 11:37

Instrument :
BNA_N
ClientSampleId :
JLC16

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.2	18.4
176	18.4	15.0	22.6

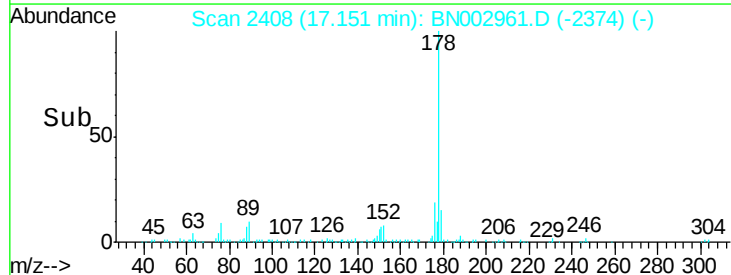
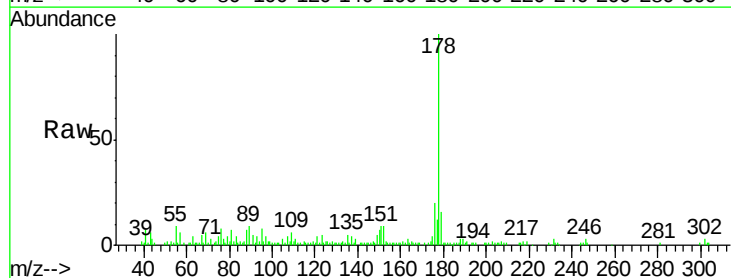
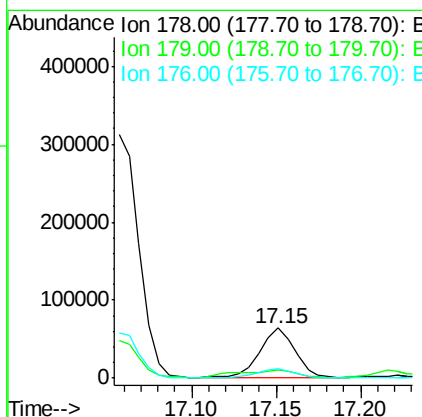
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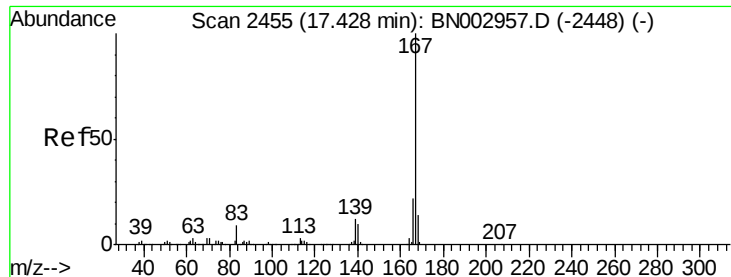
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#71
Anthracene
Concen: 2.073 ng/ul
RT: 17.15 min Scan# 2408
Delta R.T. 0.00 min
Lab File: BN002961.D
Acq: 05 Oct 2018 11:37

Tgt Ion	Ratio	Lower	Upper
178	100		
179	16.4	12.0	18.0
176	19.5	15.0	22.4





#74

Carbazole

Concen: 2.816 ng/ul

RT: 17.43 min Scan# 2455

Delta R.T. 0.00 min

Lab File: BN002961.D

Acq: 05 Oct 2018 11:37

Instrument :

BNA_N

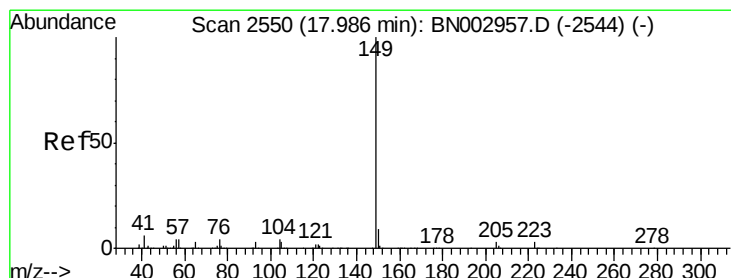
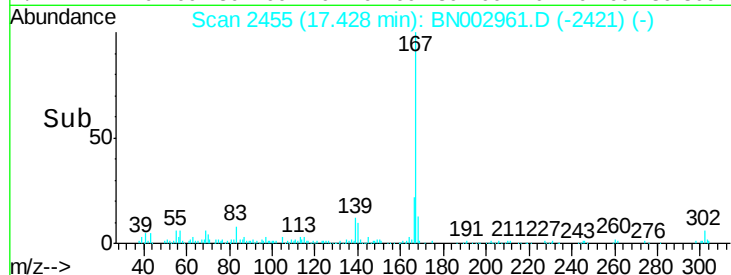
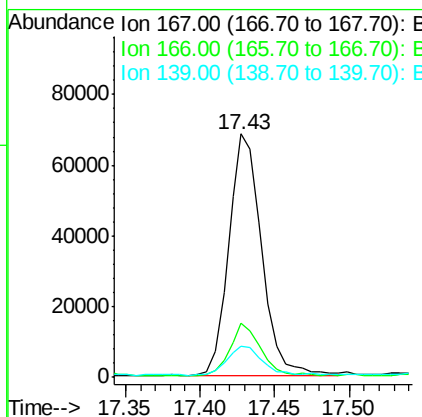
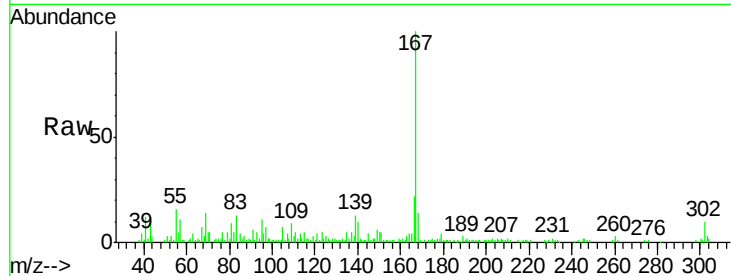
ClientSampleId :

JLC16

Tgt Ion:	167	Resp:	106243
Ion Ratio		Lower	Upper
167	100		
166	22.2	17.0	25.6
139	13.0	10.7	16.1

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#75

Di-n-butylphthalate

Concen: 4.737 ng/ul

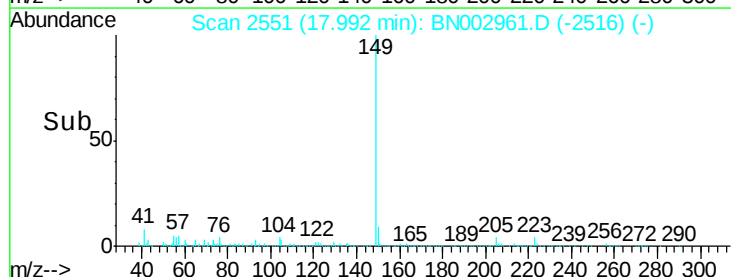
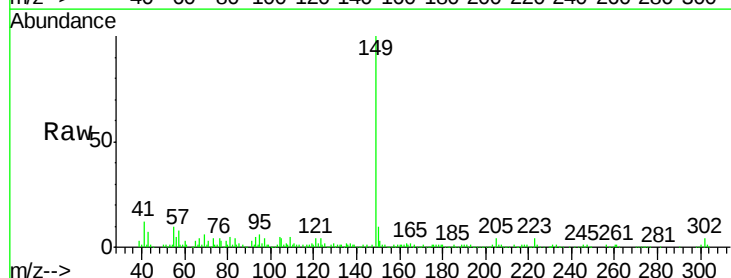
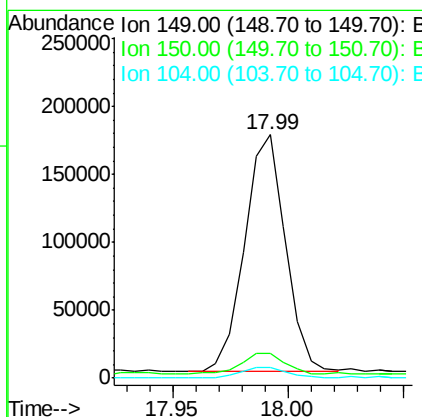
RT: 17.99 min Scan# 2551

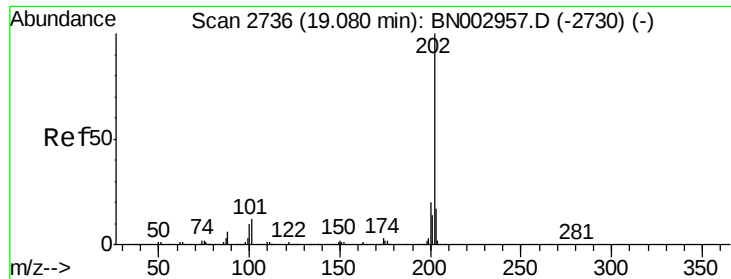
Delta R.T. 0.01 min

Lab File: BN002961.D

Acq: 05 Oct 2018 11:37

Tgt Ion:	149	Resp:	214429
Ion Ratio		Lower	Upper
149	100		
150	10.3	7.3	10.9
104	4.5	3.7	5.5





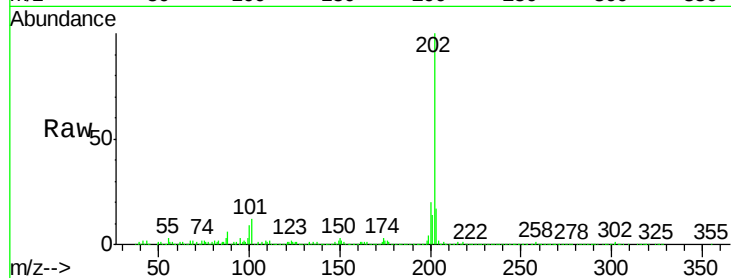
#76
Fluoranthene
Concen: 32.336 ng/ul
RT: 19.09 min Scan# 2738
Delta R.T. 0.01 min
Lab File: BN002961.D
Acq: 05 Oct 2018 11:37

Instrument :
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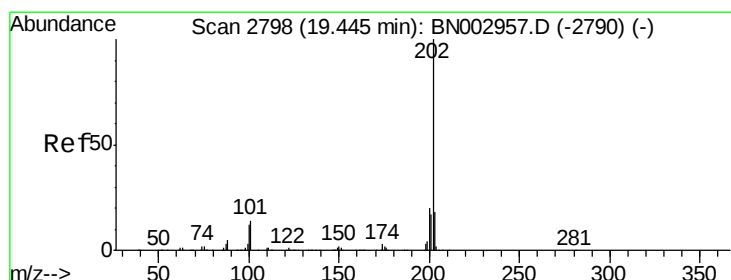
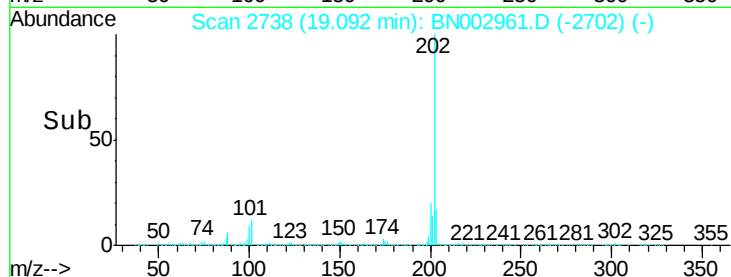
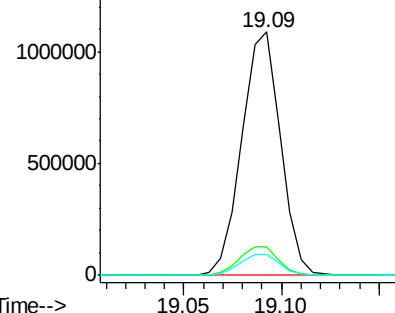
Tgt Ion	Ratio	Resp	Lower	Upper
202	100	1495512		
101	11.6		9.4	14.2
100	8.8		7.0	10.6

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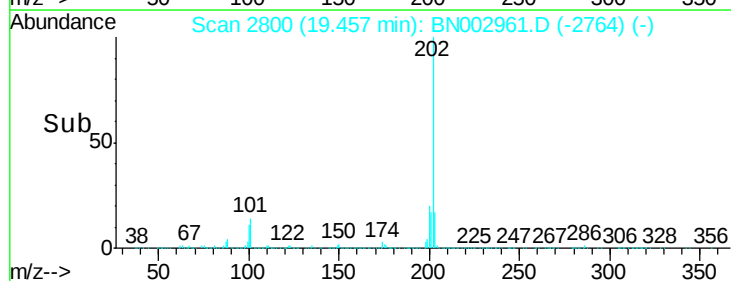
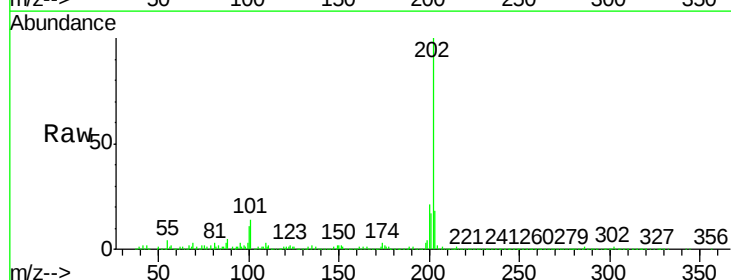
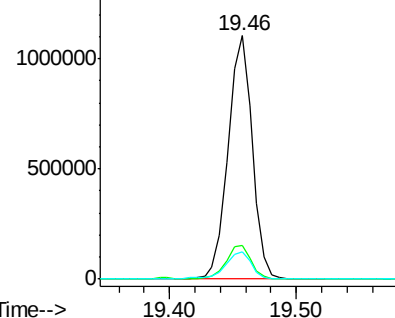
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Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B

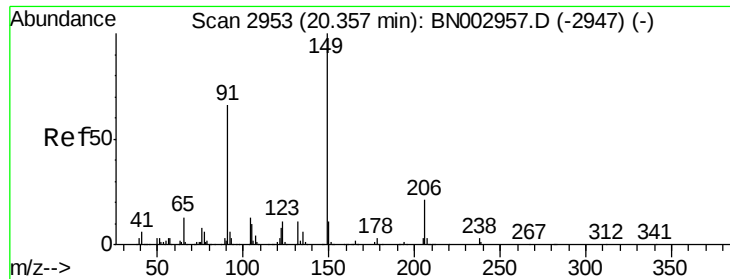


#79
Pyrene
Concen: 39.086 ng/ul
RT: 19.46 min Scan# 2800
Delta R.T. 0.01 min
Lab File: BN002961.D
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Tgt Ion	Ratio	Resp	Lower	Upper
202	100	1453784		
101	13.8		10.8	16.2
100	11.4		8.2	12.2

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





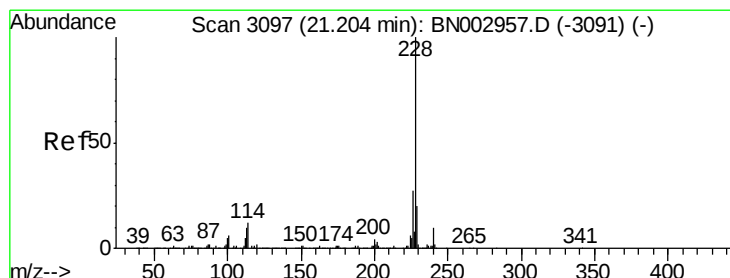
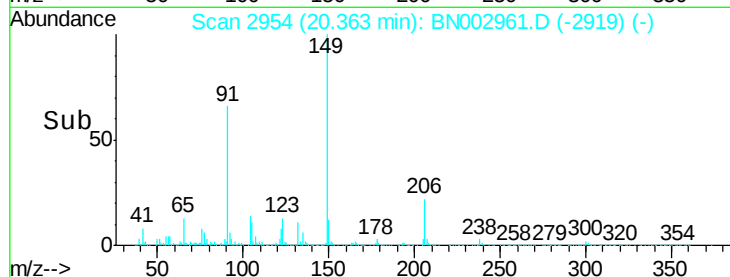
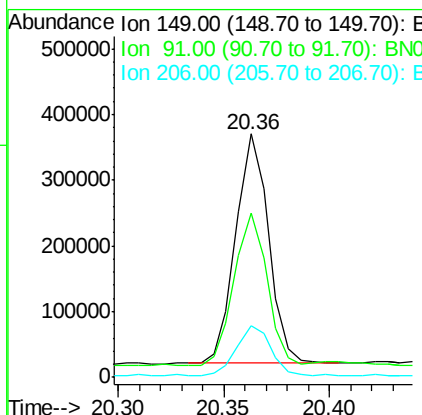
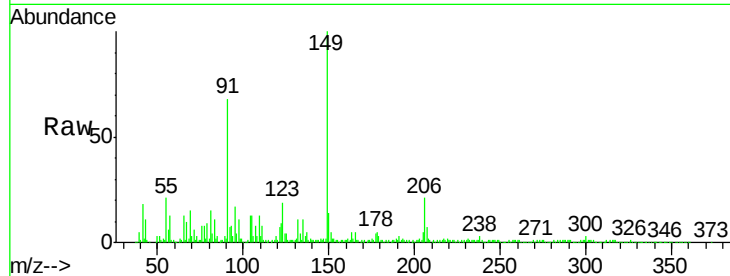
#80
Butylbenzylphthalate
Concen: 24.384 ng/ul
RT: 20.36 min Scan# 2954
Delta R.T. 0.01 min
Lab File: BN002961.D
Acq: 05 Oct 2018 11:37

Instrument :
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Tgt Ion	Ratio	Lower	Upper
149	100		
91	67.6	56.3	84.5
206	21.4	16.8	25.2

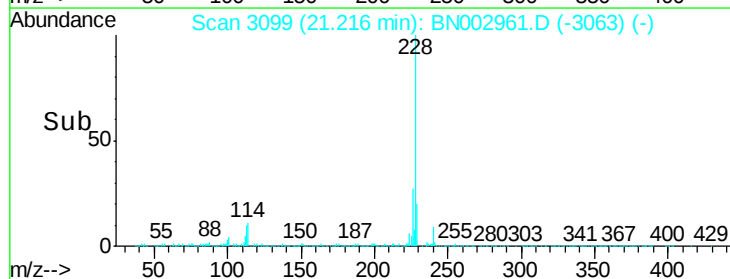
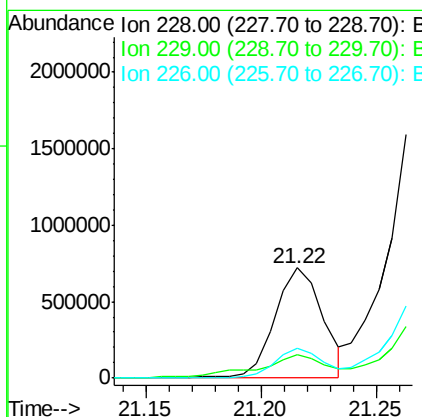
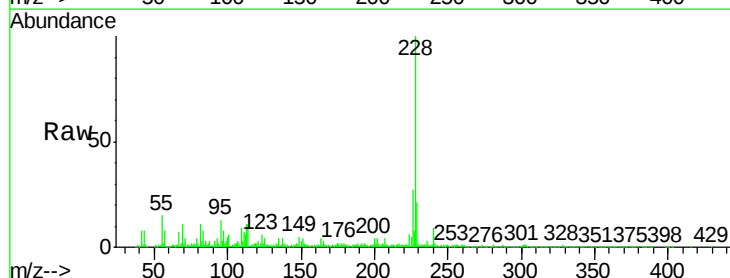
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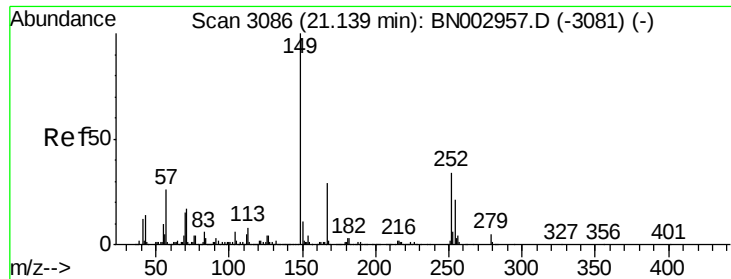
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#82
Benzo(a)anthracene
Concen: 29.006 ng/ul
RT: 21.22 min Scan# 3099
Delta R.T. 0.01 min
Lab File: BN002961.D
Acq: 05 Oct 2018 11:37

Tgt Ion	Ratio	Lower	Upper
228	100		
229	20.9	15.8	23.6
226	26.8	20.9	31.3





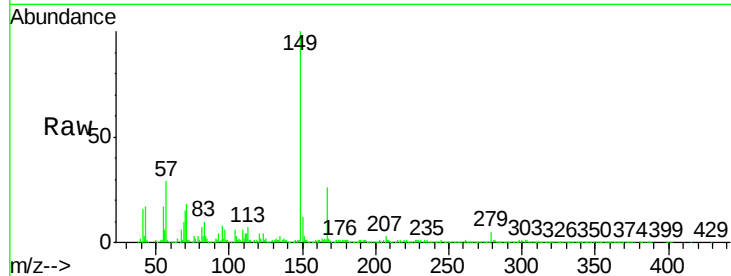
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 69.319 ng/ul
 RT: 21.15 min Scan# 3088
 Delta R.T. 0.01 min
 Lab File: BN002961.D
 Acq: 05 Oct 2018 11:37

Instrument :
 BNA_N
 ClientSampled :
 JLC16

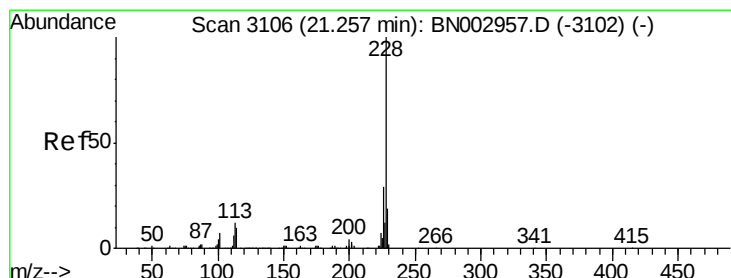
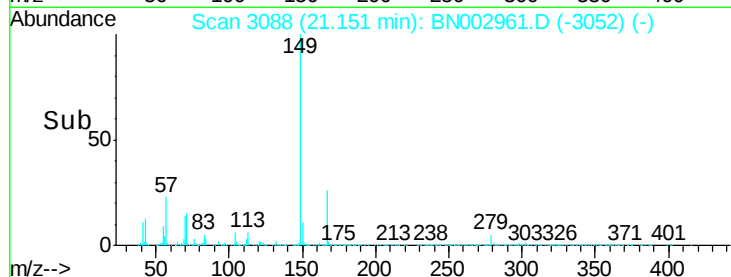
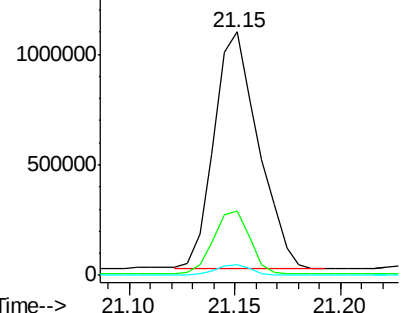
Tgt Ion	Ratio	Lower	Upper
149	100		
167	26.3	22.0	33.0
279	4.6	3.3	4.9

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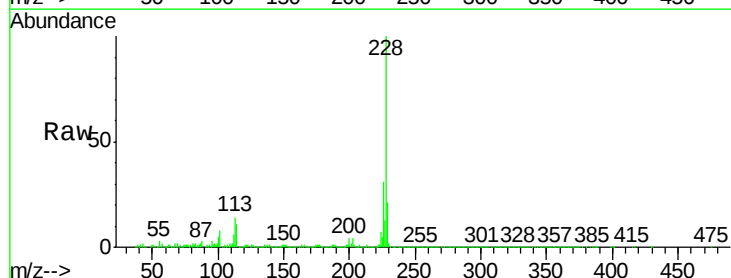


Abundance Ion 149.00 (148.70 to 149.70): E
 1500000
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

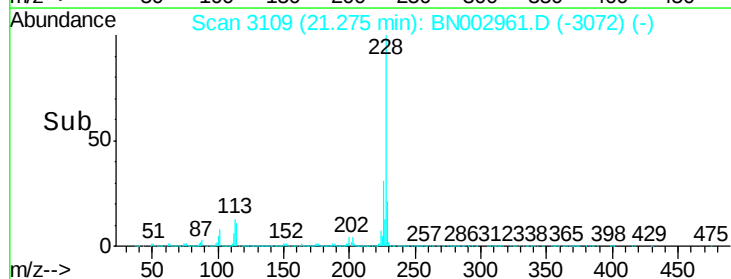
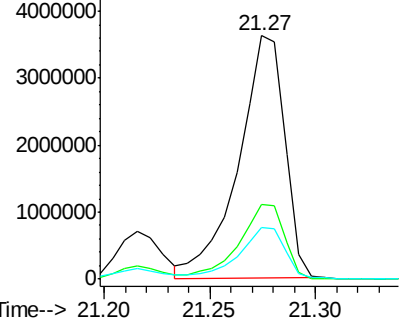


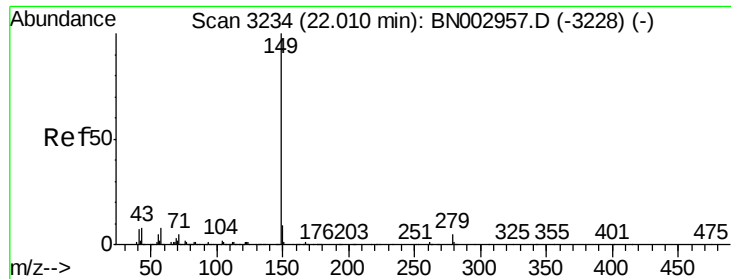
#84
 Chrysene
 Concen: 167.894 ng/ul
 RT: 21.27 min Scan# 3109
 Delta R.T. 0.02 min
 Lab File: BN002961.D
 Acq: 05 Oct 2018 11:37

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.7	23.4	35.0
229	21.3	15.7	23.5



Abundance Ion 228.00 (227.70 to 228.70): E
 5000000
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E





#86

Di-n-octyl phthalate

Concen: 21.680 ng/ul

RT: 22.03 min Scan# 3237

Delta R.T. 0.02 min

Lab File: BN002961.D

Acq: 05 Oct 2018 11:37

Instrument :

BNA_N

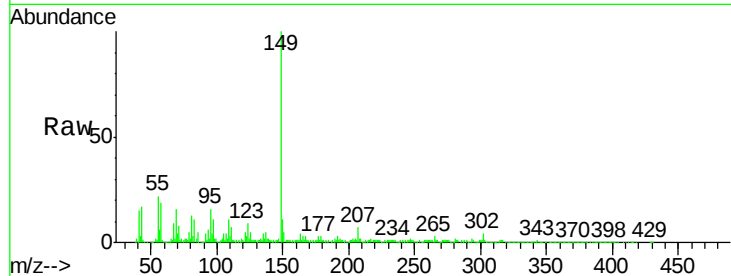
ClientSampleId :

JLC16

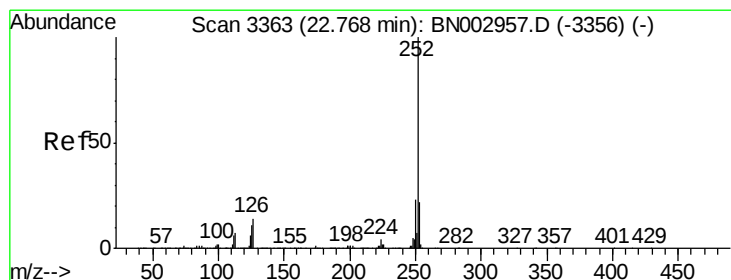
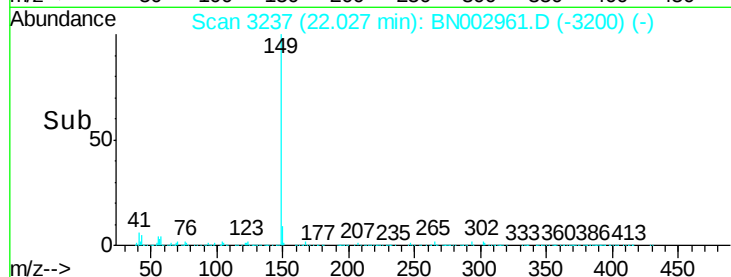
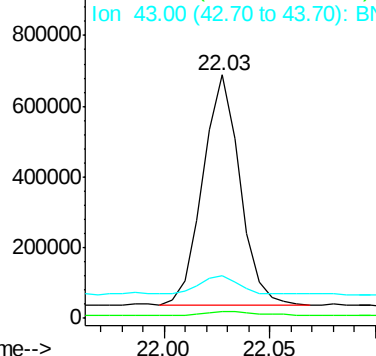
Tgt Ion:	149	Resp:	787428
Ion Ratio	Lower	Upper	
149	100		
167	2.8	1.4	2.0#
43	17.4	7.4	11.0#

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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BNC



#87

Benzo(b)fluoranthene

Concen: 103.959 ng/ul

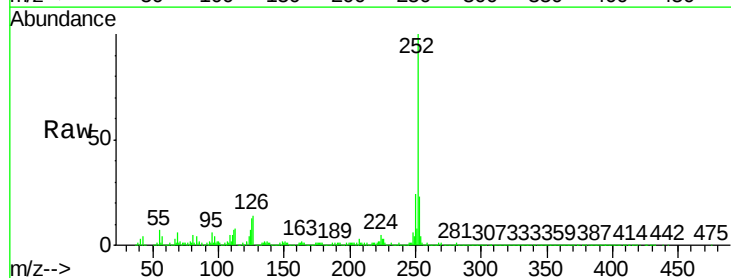
RT: 22.80 min Scan# 3368

Delta R.T. 0.03 min

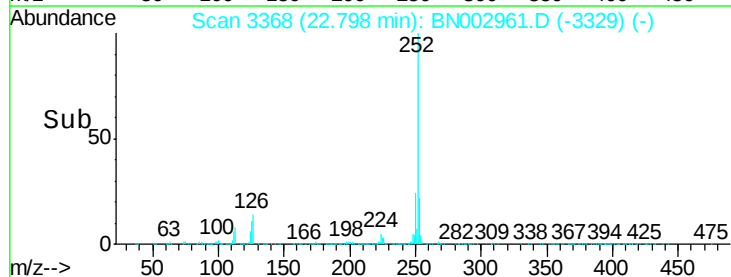
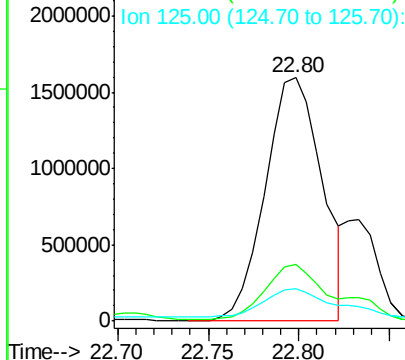
Lab File: BN002961.D

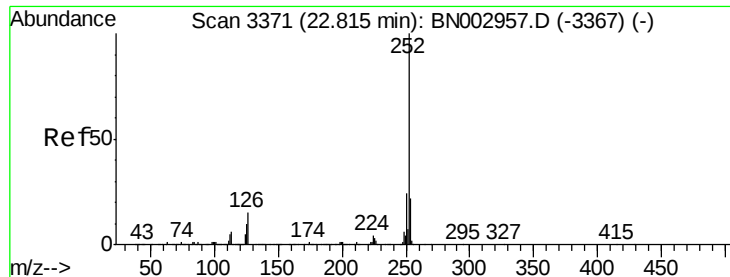
Acq: 05 Oct 2018 11:37

Tgt Ion:	252	Resp:	3488691
Ion Ratio	Lower	Upper	
252	100		
253	23.2	17.0	25.4
125	13.1	8.0	12.0#



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





#88

Benzo(k)fluoranthene

Concen: 26.874 ng/ul m

RT: 22.83 min Scan# 3374

Delta R.T. 0.02 min

Lab File: BN002961.D

Acq: 05 Oct 2018 11:37

Instrument :

BNA_N

ClientSampled :

JLC16

Tgt Ion: 252 Resp: 841357
Ion Ratio Lower Upper

252 100

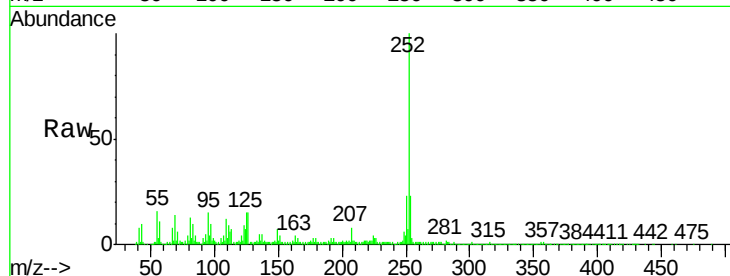
253 23.4 17.8 26.8

125 14.6 8.3 12.5#

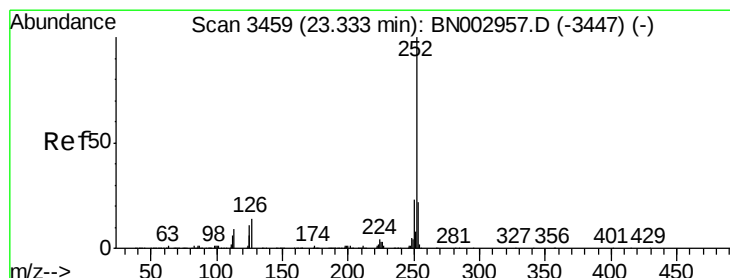
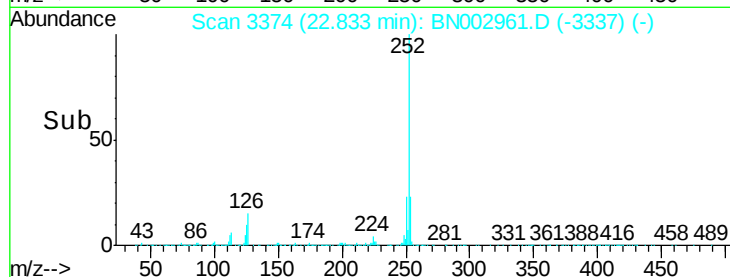
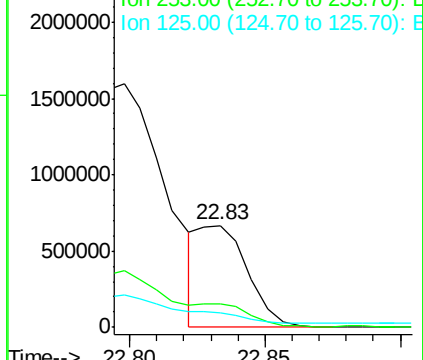
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Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 17.005 ng/ul

RT: 23.36 min Scan# 3463

Delta R.T. 0.02 min

Lab File: BN002961.D

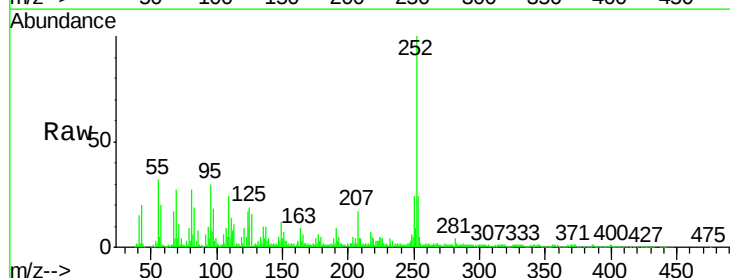
Acq: 05 Oct 2018 11:37

Tgt Ion: 252 Resp: 539498
Ion Ratio Lower Upper

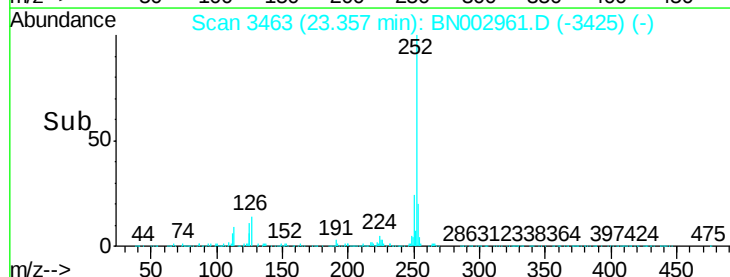
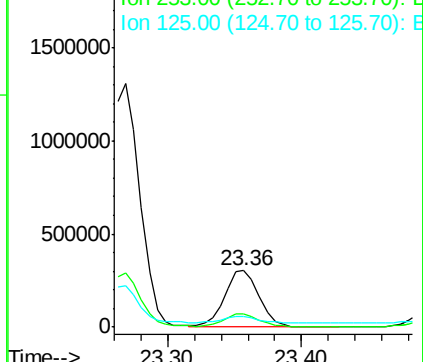
252 100

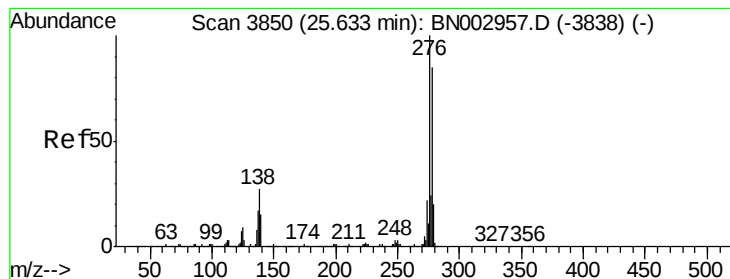
253 23.9 17.6 26.4

125 18.6 8.8 13.2#



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





#91

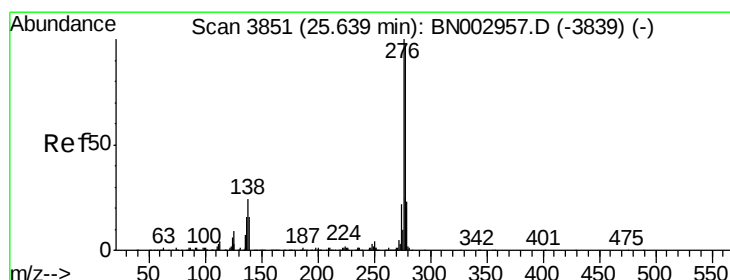
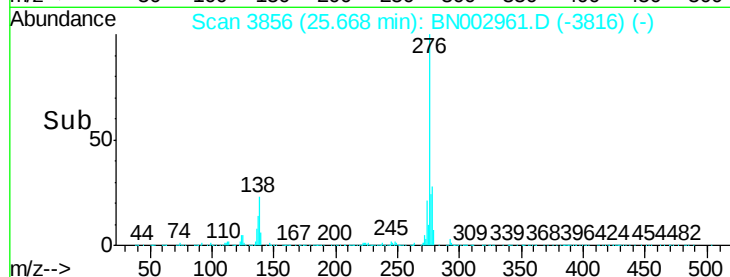
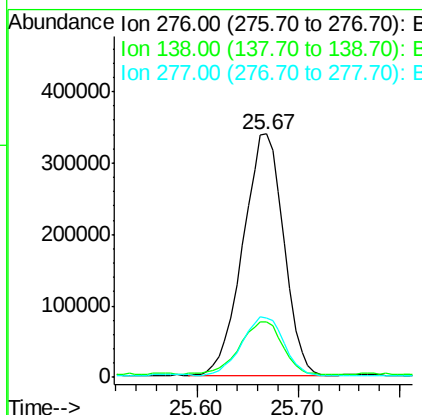
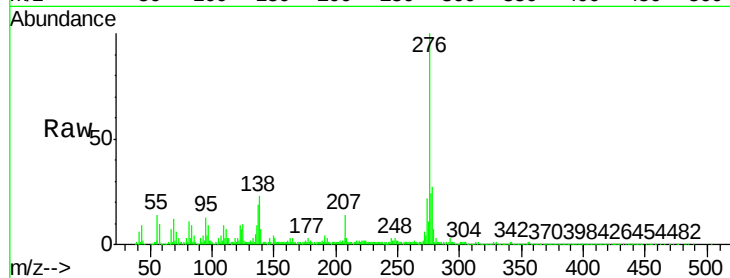
Indeno(1,2,3-cd)pyrene
Concen: 25.280 ng/u1
RT: 25.67 min Scan# 3856
Delta R.T. 0.04 min
Lab File: BN002961.D
Acq: 05 Oct 2018 11:37

Instrument :
BNA_N
ClientSampled :
JLC16

Tgt Ion	Ratio	Lower	Upper
276	100		
138	22.8	20.2	30.4
277	24.3	20.0	30.0

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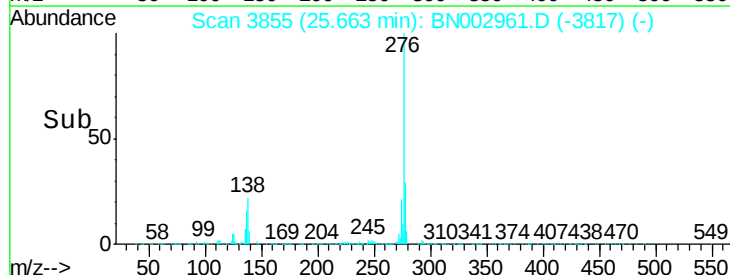
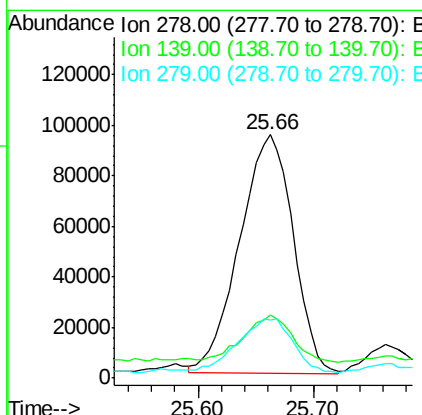
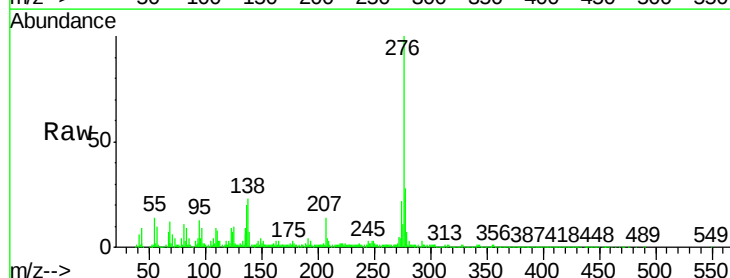
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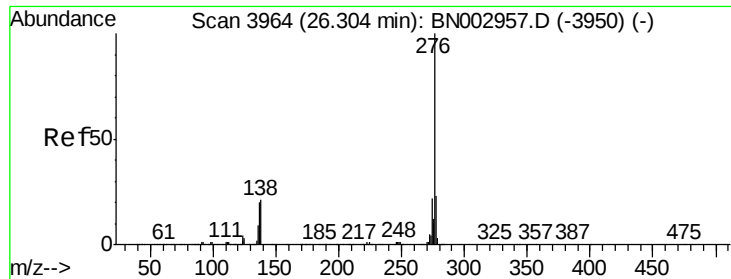


#92

Dibenzo(a,h)anthracene
Concen: 9.596 ng/u1
RT: 25.66 min Scan# 3855
Delta R.T. 0.02 min
Lab File: BN002961.D
Acq: 05 Oct 2018 11:37

Tgt Ion	Ratio	Lower	Upper
278	100		
139	26.1	12.7	19.1#
279	23.8	18.7	28.1





#93
 Benzo(g,h,i)perylene
 Concen: 35.631 ng/ul
 RT: 26.34 min Scan# 3971
 Delta R.T. 0.04 min
 Lab File: BN002961.D
 Acq: 05 Oct 2018 11:37

Instrument :
 BNA_N
 ClientSampleId :
 JLC16

Tgt Ion	Ratio	Lower	Upper
276	100		
138	23.1	18.2	27.2
277	24.8	18.6	28.0

Manual Integrations
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