

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN100518\
 Data File : BN002949.D
 Acq On : 05 Oct 2018 00:53
 Operator : MJ/SJ
 Sample : J5184-03
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleID :
 JLC22

Manual Integrations
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Sohil
 10/5/2018 5:30:13 PM

Quant Time: Oct 17 08:15:24 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN091418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Oct 05 02:27:06 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	158197	20.00	ng/ul	0.00
18) Naphthalene-d8	10.39	136	731447	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.26	164	434315	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.02	188	927127	20.00	ng/ul	0.00
77) Chrysene-d12	21.23	240	664694	20.00	ng/ul	0.00
85) Perylene-d12	23.44	264	629510	20.00	ng/ul	0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.20	96	9310	2.71	ng/uL	0.00
5) Phenol-d5	6.82	99	244320	18.18	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	6.97	67	145198	17.40	ng/ul	0.00
9) 2-Chlorophenol-d4	7.16	132	201962	18.27	ng/ul	0.00
13) 4-Methylphenol-d8	8.35	113	173521	16.68	ng/ul	0.01
19) Nitrobenzene-d5	8.78	128	103709	18.30	ng/ul	0.00
22) 2-Nitrophenol-d4	9.49	143	120910	18.86	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.03	165	214785	18.56	ng/ul	0.00
29) 4-Chloroaniline-d4	10.55	131	177038	13.22	ng/ul	0.00
43) Dimethylphthalate-d6	13.68	166	660858	19.44	ng/ul	0.00
46) Acenaphthylene-d8	13.96	160	844875	19.03	ng/ul	0.00
51) 4-Nitrophenol-d4	14.52	143	88768	15.79	ng/ul	0.02
57) Fluorene-d10	15.26	176	596111	20.01	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.41	200	52042	8.97	ng/ul	0.00
70) Anthracene-d10	17.12	188	853085	19.27	ng/ul	0.00
78) Pyrene-d10	19.42	212	786745	22.43	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.30	264	630450	19.03	ng/ul	0.02

Target Compounds

					Qvalue
6) Phenol	6.85	94	36432	2.689	ng/ul 98
14) Acetophenone	8.45	105	28631	1.786	ng/ul 96
28) Naphthalene	10.45	128	45129	1.197	ng/ul 97
44) Dimethylphthalate	13.73	163	449713	13.554	ng/ul 100
49) Acenaphthene	14.33	153	54801	1.855	ng/ul 98
58) Fluorene	15.32	166	53217	1.636	ng/ul 96
69) Phenanthrene	17.06	178	1551952	30.382	ng/ul 100
71) Anthracene	17.15	178	305846	5.905	ng/ul 98
74) Carbazole	17.43	167	128592	2.893	ng/ul 98
75) Di-n-butylphthalate	17.99	149	550261	10.318	ng/ul 99
76) Fluoranthene	19.09	202	2519216	46.231	ng/ul 99
79) Pyrene	19.46	202	2247445	51.138	ng/ul 98
80) Butylbenzylphthalate	20.36	149	497110	27.183	ng/ul 96
82) Benzo(a)anthracene	21.21	228	983684	23.789	ng/ul 98
83) Bis(2-ethylhexyl)phthalate	21.14	149	842327	31.727	ng/ul 100
84) Chrysene	21.27	228	2604971	67.212	ng/ul 97
87) Benzo(b)fluoranthene	22.79	252	1920957	49.966	ng/ul# 96
88) Benzo(k)fluoranthene	22.82	252	432991m	12.072	ng/ul
90) Benzo(a)pyrene	23.35	252	627894	17.276	ng/ul# 93
91) Indeno(1,2,3-cd)pyrene	25.65	276	632513	14.700	ng/ul 98
92) Dibenzo(a,h)anthracene	25.65	278	178215	4.915	ng/ul# 84
93) Benzo(g,h,i)perylene	26.33	276	723819	20.123	ng/ul 99

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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

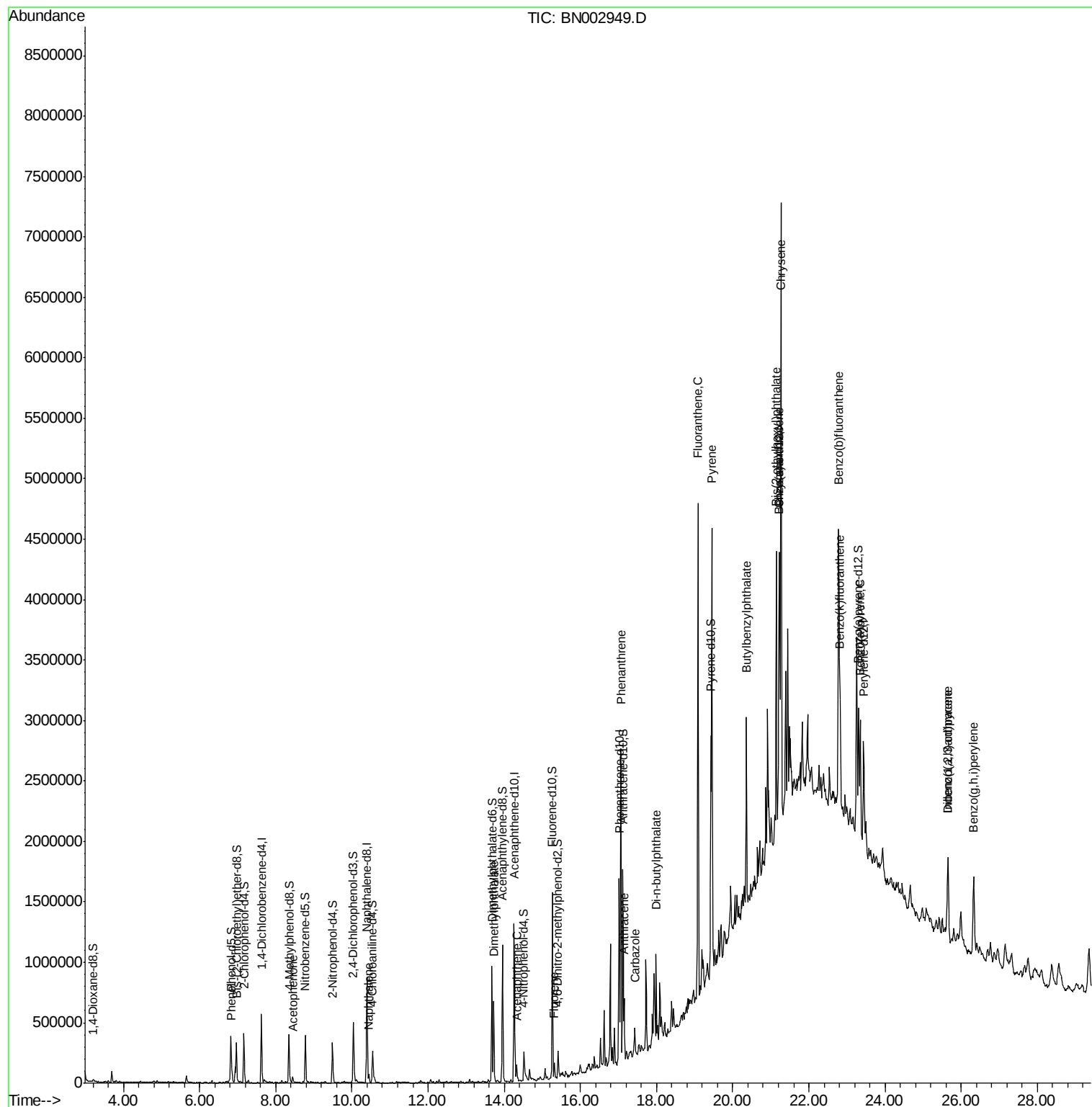
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN100518\
Data File : BN002949.D
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Operator : MJ/SJ
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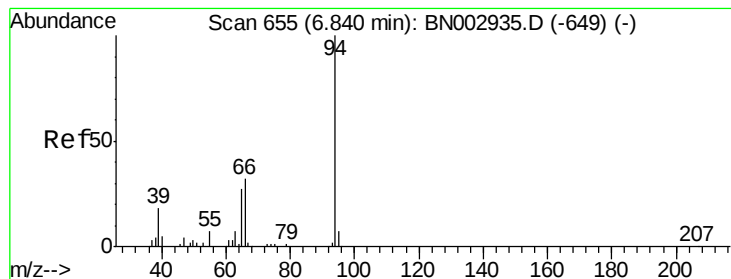
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#6

Phenol

Concen: 2.689 ng/ul

RT: 6.85 min Scan# 656

Delta R.T. 0.01 min

Lab File: BN002949.D

Acq: 05 Oct 2018 00:53

Instrument :

BNA_N

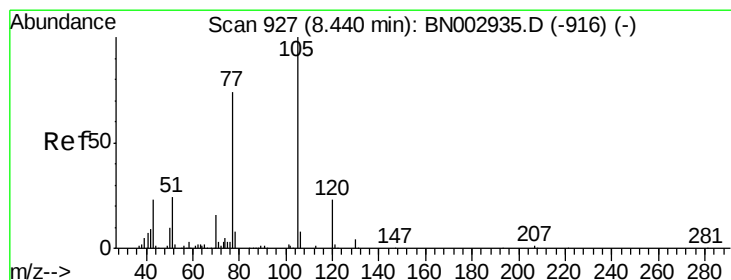
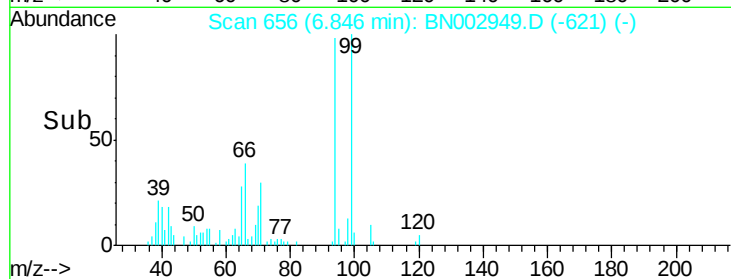
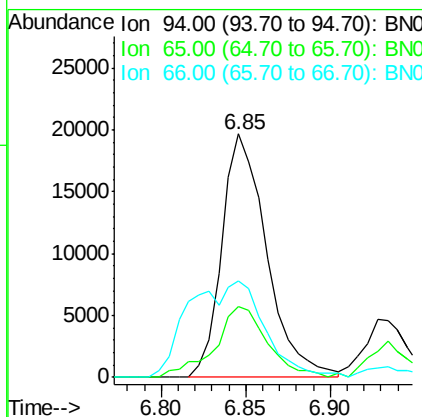
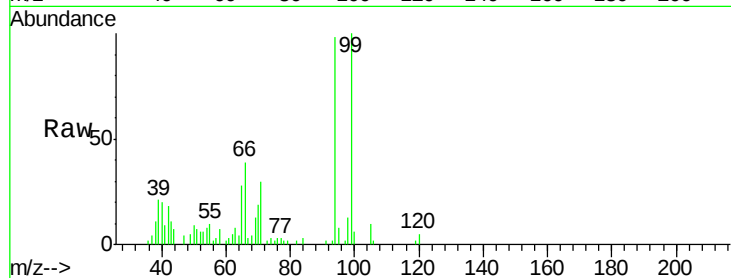
ClientSampled :

JLC22

Tgt Ion:	94	Resp:	36432
Ion Ratio	Lower	Upper	
94	100		
65	28.9	23.1	34.7
66	39.4	29.8	44.6

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#14

Acetophenone

Concen: 1.786 ng/ul

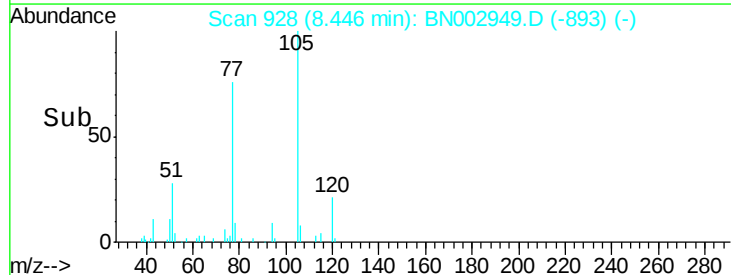
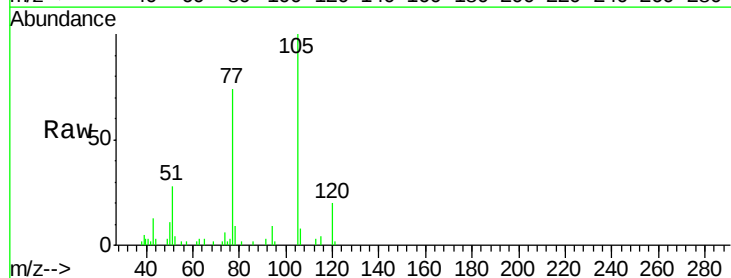
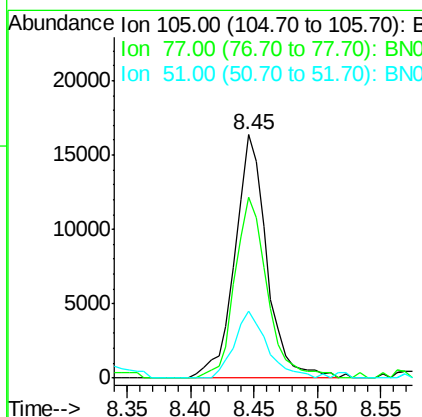
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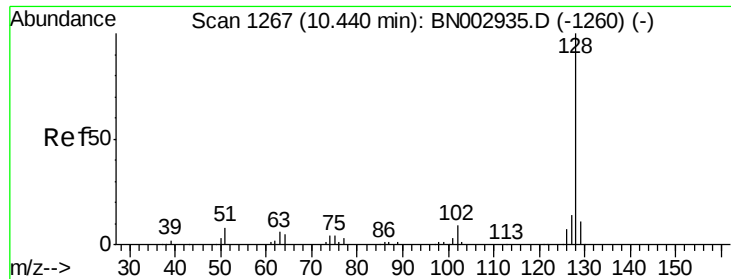
Delta R.T. 0.01 min

Lab File: BN002949.D

Acq: 05 Oct 2018 00:53

Tgt Ion:	105	Resp:	28631
Ion Ratio	Lower	Upper	
105	100		
77	74.3	62.9	94.3
51	27.7	21.9	32.9





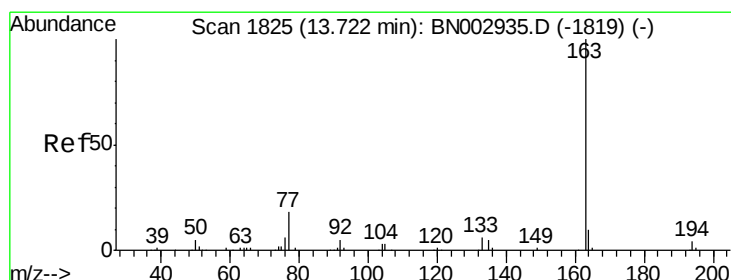
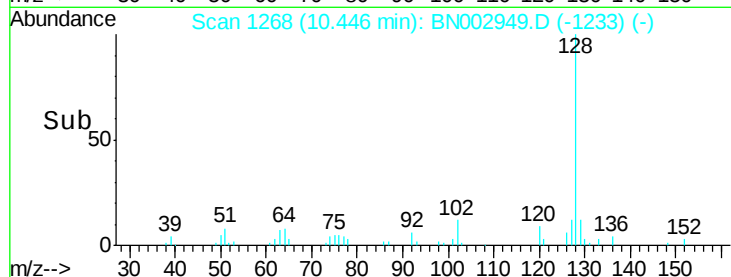
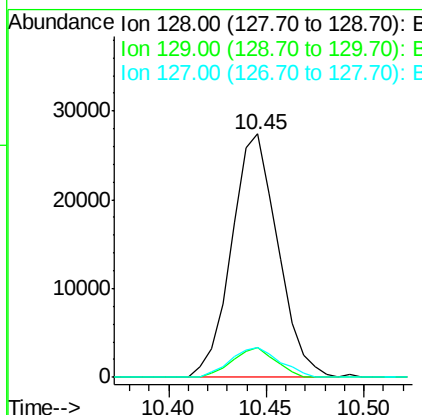
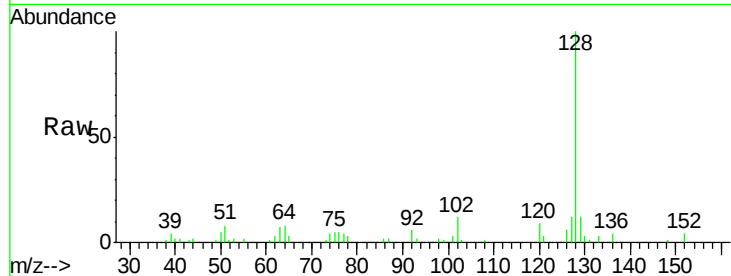
#28
Naphthalene
Concen: 1.197 ng/ul
RT: 10.45 min Scan# 1268
Delta R.T. 0.01 min
Lab File: BN002949.D
Acq: 05 Oct 2018 00:53

Instrument :
BNA_N
ClientSampleId :
JLC22

Tgt Ion	Ratio	Lower	Upper
128	100		
129	12.1	8.3	12.5
127	12.1	10.5	15.7

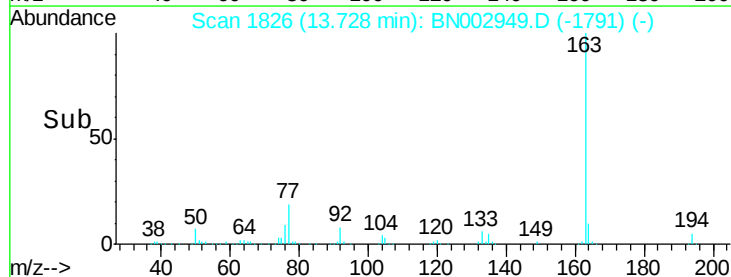
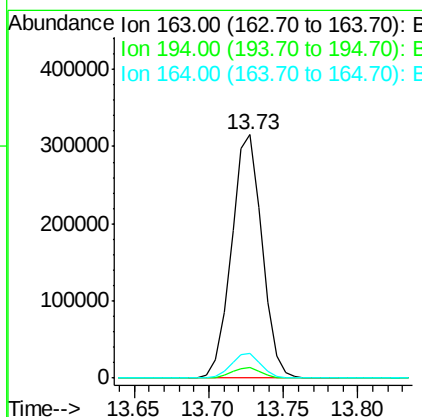
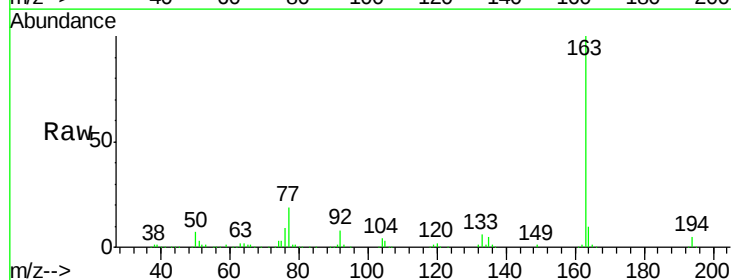
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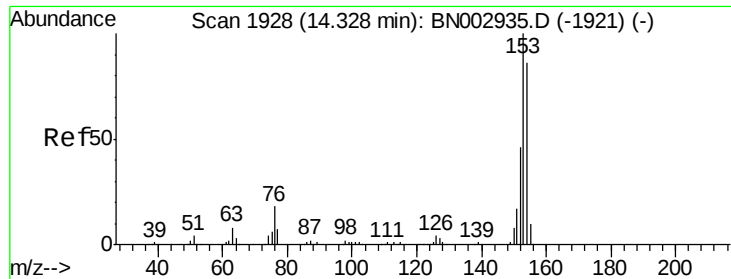
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#44
Dimethylphthalate
Concen: 13.554 ng/ul
RT: 13.73 min Scan# 1826
Delta R.T. 0.01 min
Lab File: BN002949.D
Acq: 05 Oct 2018 00:53

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.6	3.5	5.3
164	10.0	8.1	12.1





#49

Acenaphthene

Concen: 1.855 ng/ul

RT: 14.33 min Scan# 1928

Delta R.T. -0.00 min

Lab File: BN002949.D

Acq: 05 Oct 2018 00:53

Instrument :

BNA_N

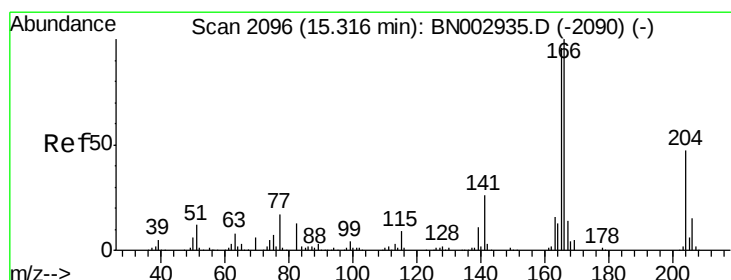
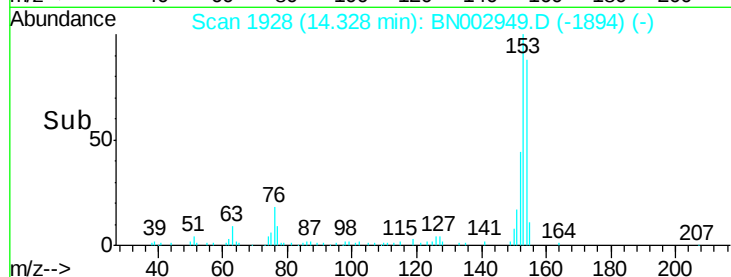
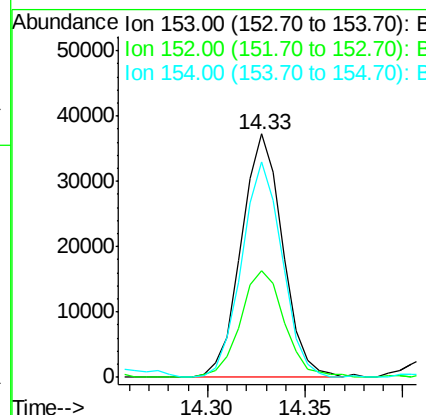
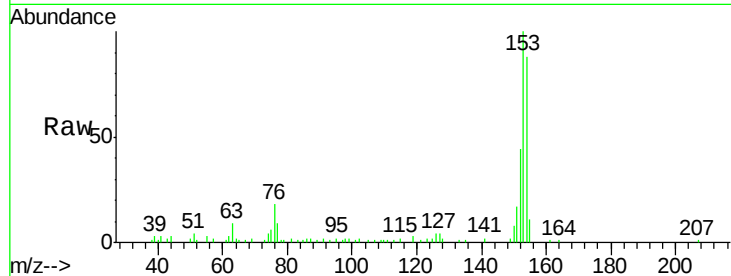
ClientSampled :

JLC22

Tgt Ion:	153	Resp:	54801
Ion Ratio	Lower	Upper	
153	100		
152	44.0	37.8	56.6
154	88.2	70.9	106.3

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#58

Fluorene

Concen: 1.636 ng/ul

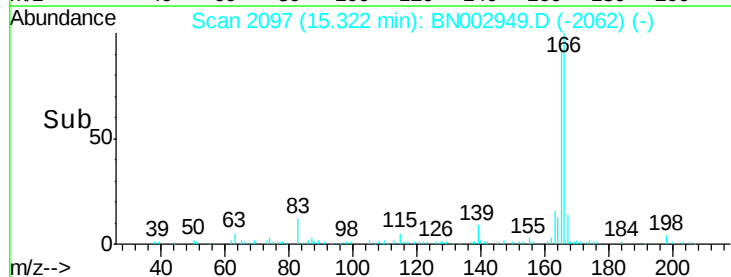
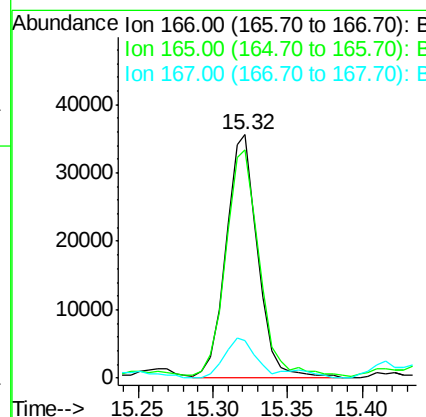
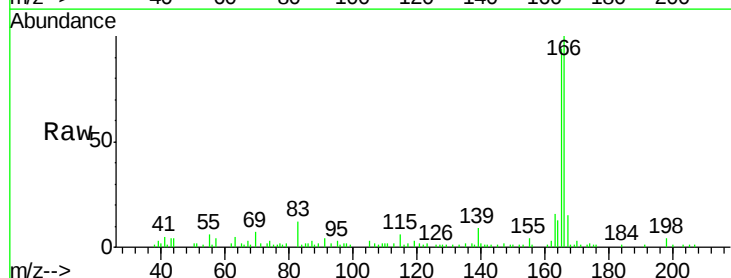
RT: 15.32 min Scan# 2097

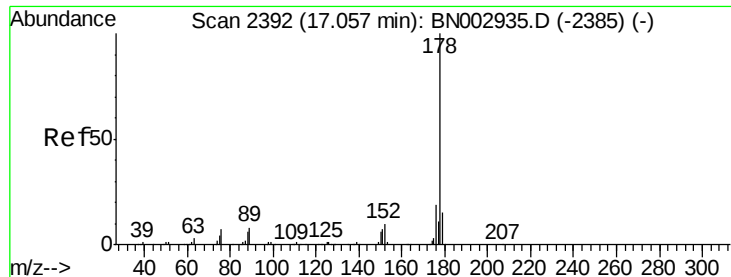
Delta R.T. 0.01 min

Lab File: BN002949.D

Acq: 05 Oct 2018 00:53

Tgt Ion:	166	Resp:	53217
Ion Ratio	Lower	Upper	
166	100		
165	93.7	78.3	117.5
167	15.4	11.0	16.6





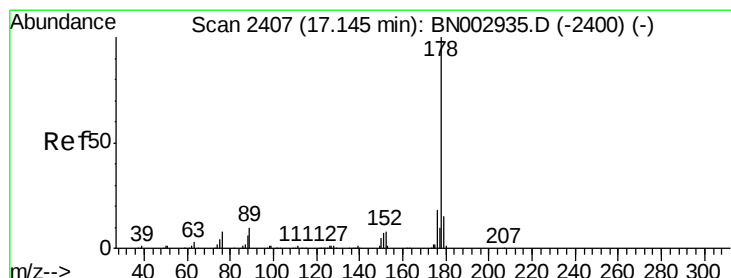
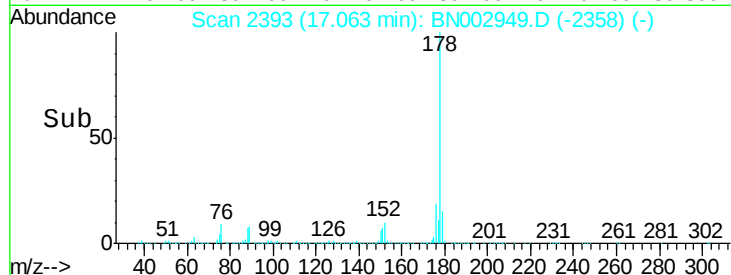
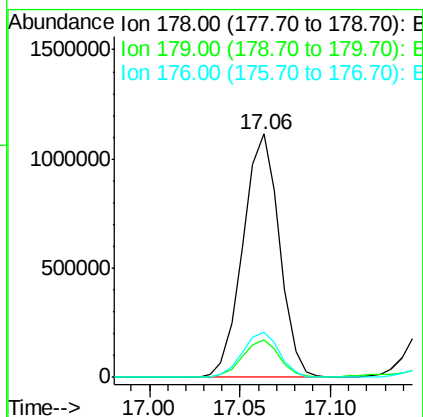
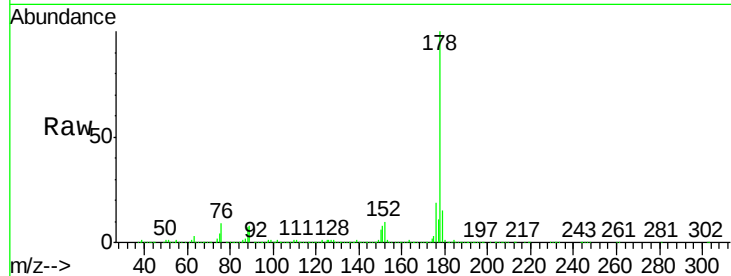
#69
Phenanthrene
Concen: 30.382 ng/ul
RT: 17.06 min Scan# 2393
Delta R.T. 0.01 min
Lab File: BN002949.D
Acq: 05 Oct 2018 00:53

Instrument :
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ClientSampled :
JLC22

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.3	12.2	18.4
176	18.6	15.0	22.6

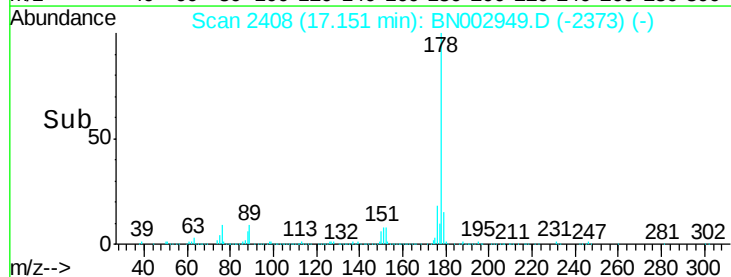
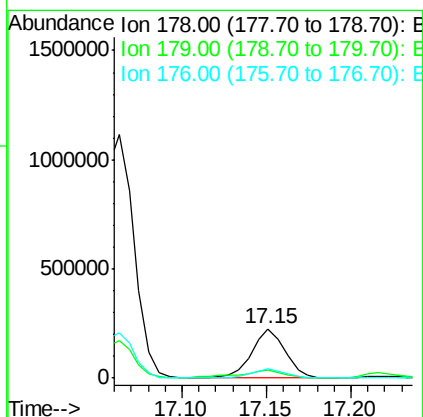
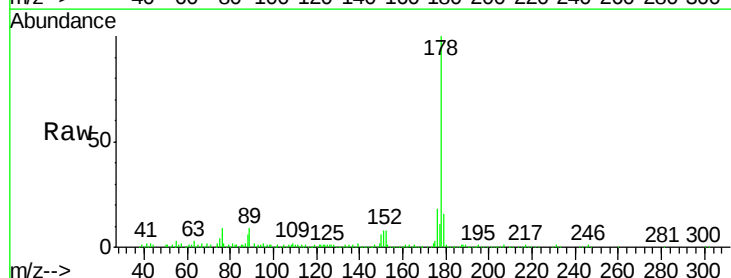
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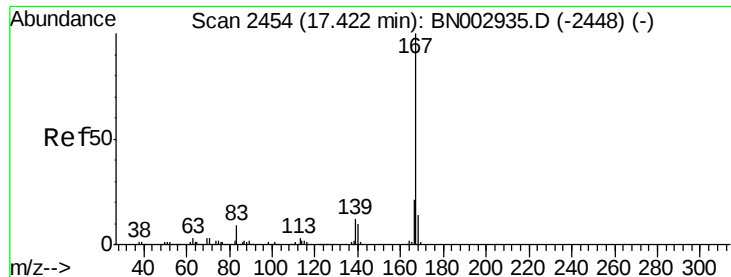
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#71
Anthracene
Concen: 5.905 ng/ul
RT: 17.15 min Scan# 2408
Delta R.T. 0.01 min
Lab File: BN002949.D
Acq: 05 Oct 2018 00:53

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.6	12.0	18.0
176	17.9	15.0	22.4





#74

Carbazole

Concen: 2.893 ng/ul

RT: 17.43 min Scan# 2455

Delta R.T. 0.01 min

Lab File: BN002949.D

Acq: 05 Oct 2018 00:53

Instrument :

BNA_N

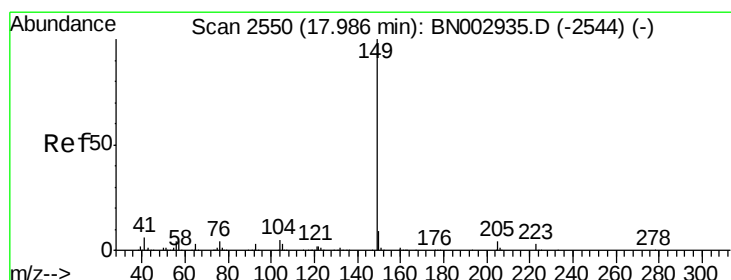
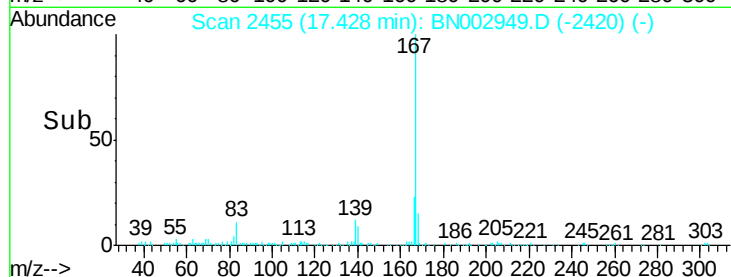
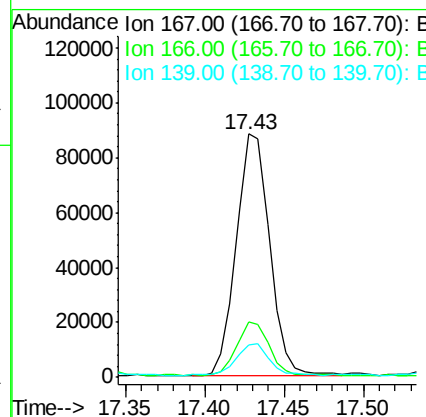
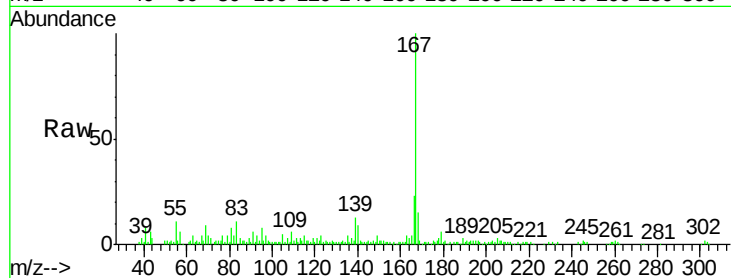
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Tgt Ion:	167	Resp:	128592
Ion Ratio		Lower	Upper
167	100		
166	22.9	17.0	25.6
139	13.2	10.7	16.1

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#75

Di-n-butylphthalate

Concen: 10.318 ng/ul

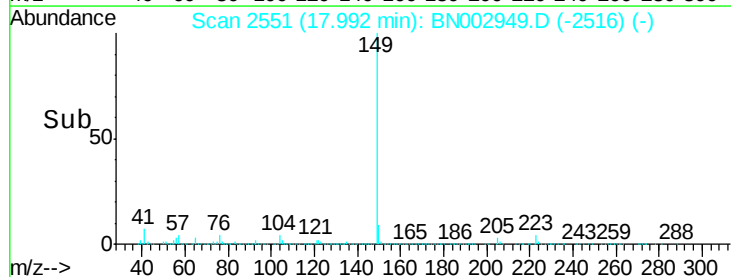
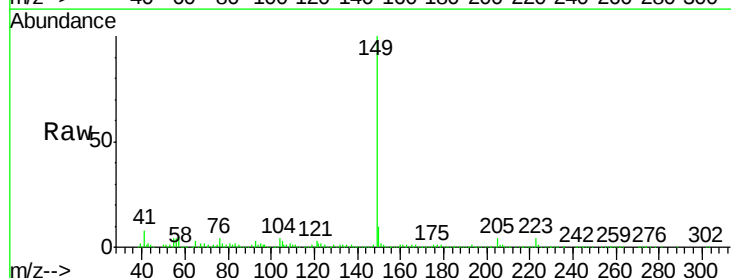
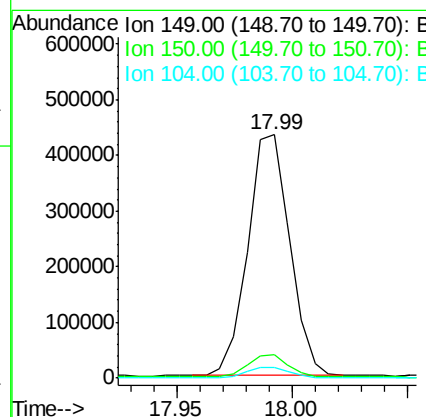
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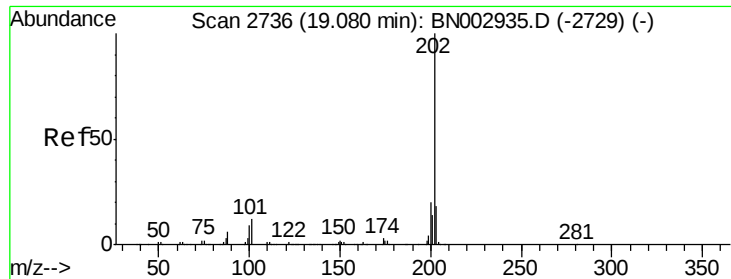
Delta R.T. 0.01 min

Lab File: BN002949.D

Acq: 05 Oct 2018 00:53

Tgt Ion:	149	Resp:	550261
Ion Ratio		Lower	Upper
149	100		
150	9.6	7.3	10.9
104	4.2	3.7	5.5





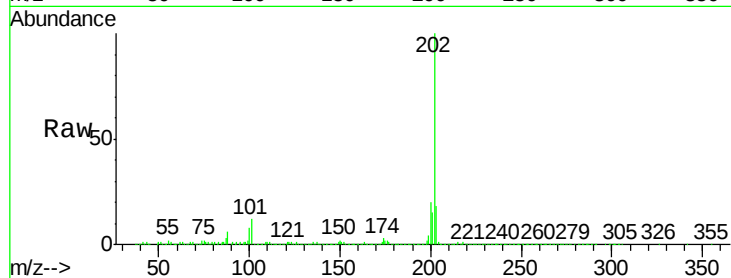
#76
 Fluoranthene
 Concen: 46.231 ng/ul
 RT: 19.09 min Scan# 2738
 Delta R.T. 0.01 min
 Lab File: BN002949.D
 Acq: 05 Oct 2018 00:53

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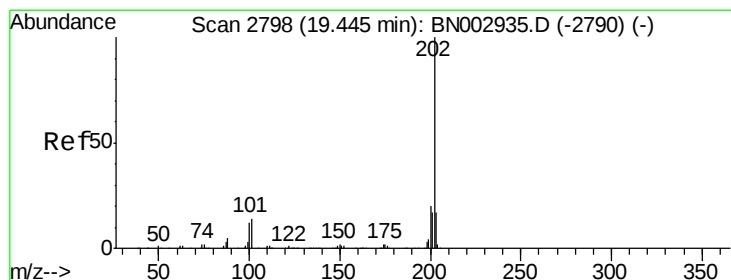
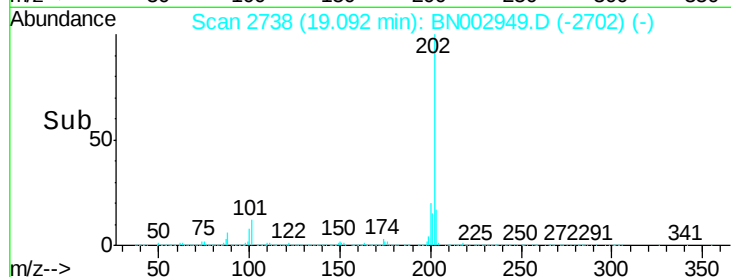
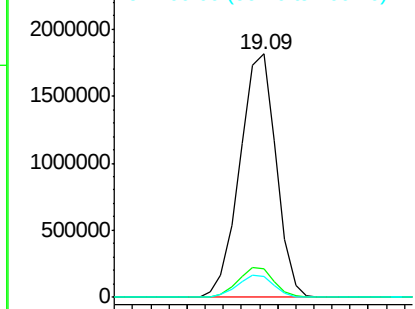
Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.7	9.4	14.2
100	8.4	7.0	10.6

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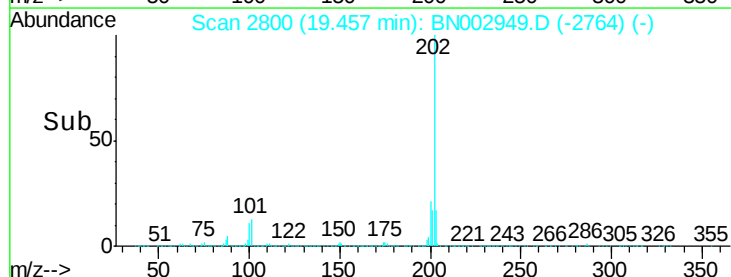
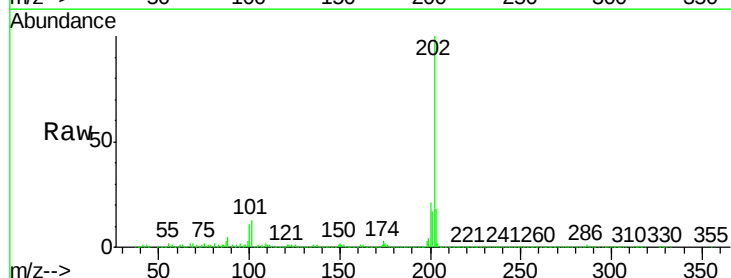
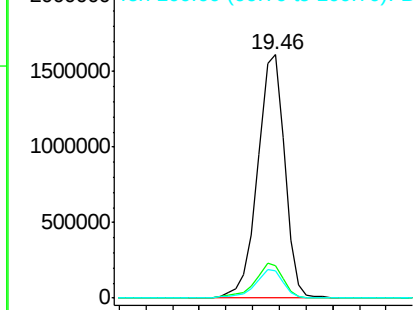
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 Ion 101.00 (100.70 to 101.70): E
 Ion 100.00 (99.70 to 100.70): B

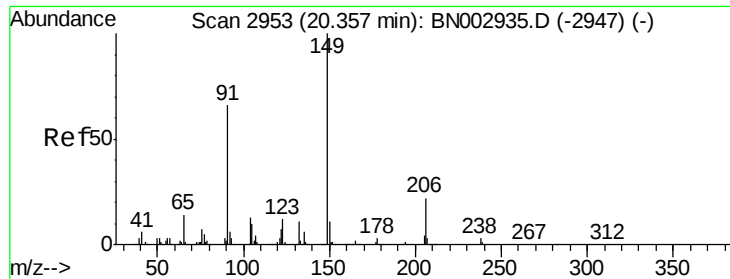


#79
 Pyrene
 Concen: 51.138 ng/ul
 RT: 19.46 min Scan# 2800
 Delta R.T. 0.01 min
 Lab File: BN002949.D
 Acq: 05 Oct 2018 00:53

Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.4	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





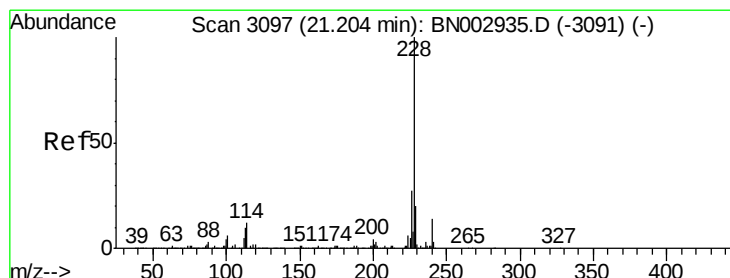
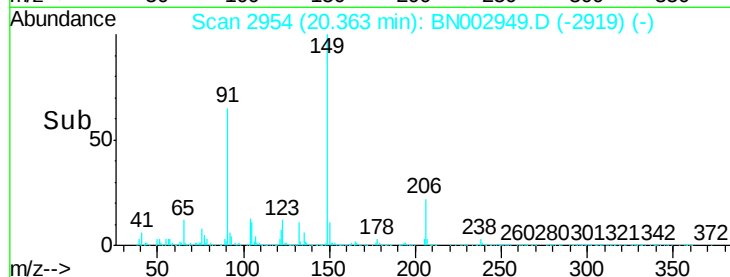
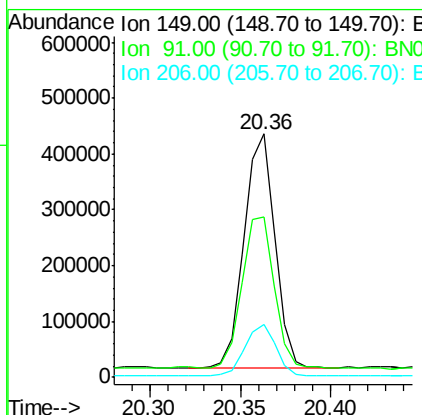
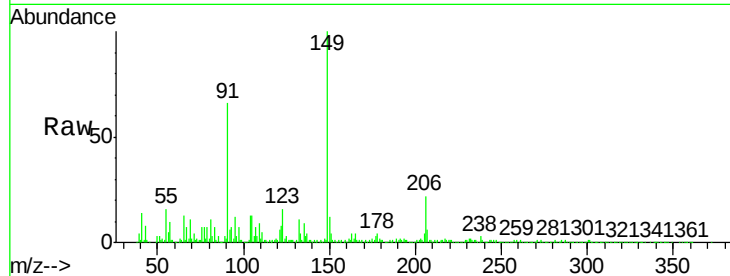
#80
Butylbenzylphthalate
Concen: 27.183 ng/u1
RT: 20.36 min Scan# 2954
Delta R.T. 0.01 min
Lab File: BN002949.D
Acq: 05 Oct 2018 00:53

Instrument :
BNA_N
ClientSampled :
JLC22

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
91	66.1	56.3	84.5
206	21.6	16.8	25.2

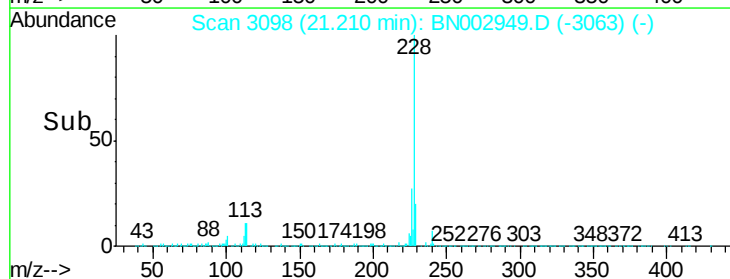
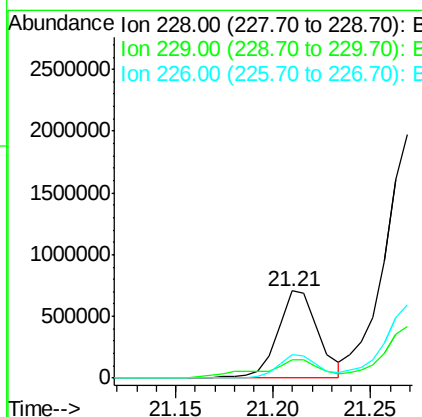
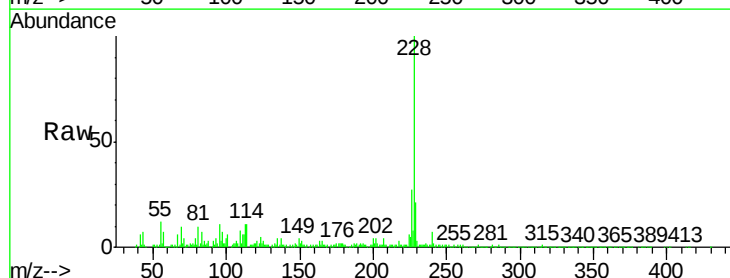
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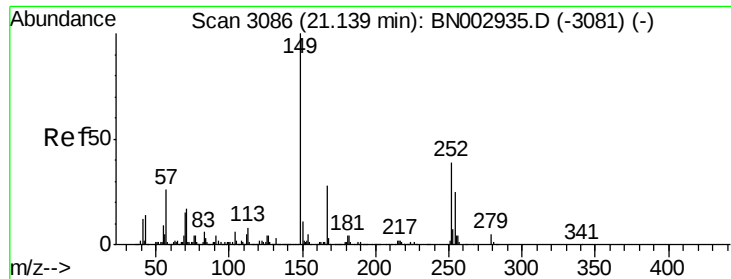
Sohil
10/5/2018 5:30:13 PM



#82
Benzo(a)anthracene
Concen: 23.789 ng/u1
RT: 21.21 min Scan# 3098
Delta R.T. 0.01 min
Lab File: BN002949.D
Acq: 05 Oct 2018 00:53

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





#83

Bis(2-ethylhexyl)phthalate

Concen: 31.727 ng/ul

RT: 21.14 min Scan# 3087

Delta R.T. 0.01 min

Lab File: BN002949.D

Acq: 05 Oct 2018 00:53

Instrument :

BNA_N

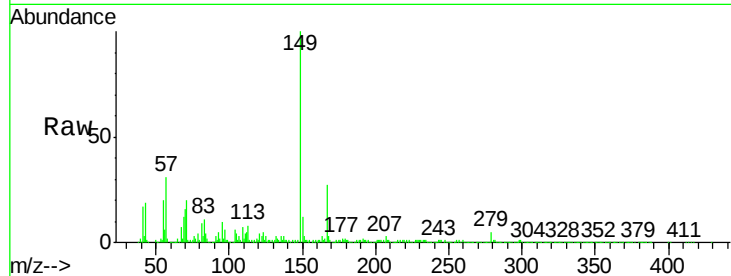
ClientSampleId :

JLC22

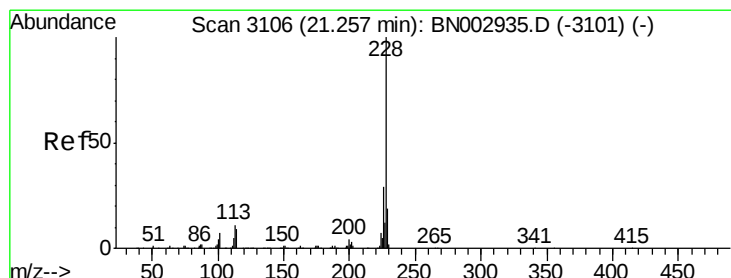
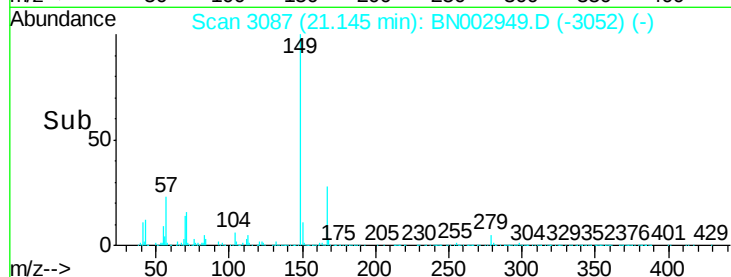
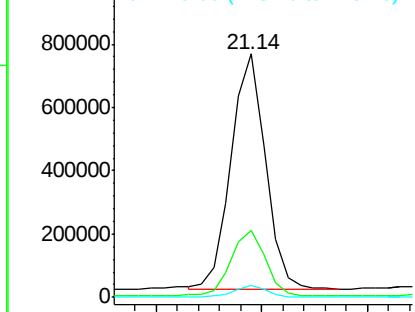
Tgt Ion:	149	Resp:	842327
Ion Ratio	Lower	Upper	
149	100		
167	27.5	22.0	33.0
279	4.7	3.3	4.9

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



#84

Chrysene

Concen: 67.212 ng/ul

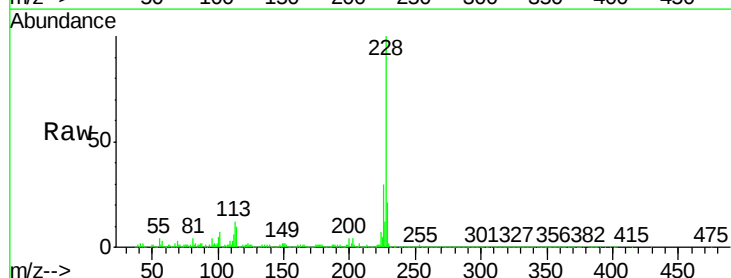
RT: 21.27 min Scan# 3108

Delta R.T. 0.01 min

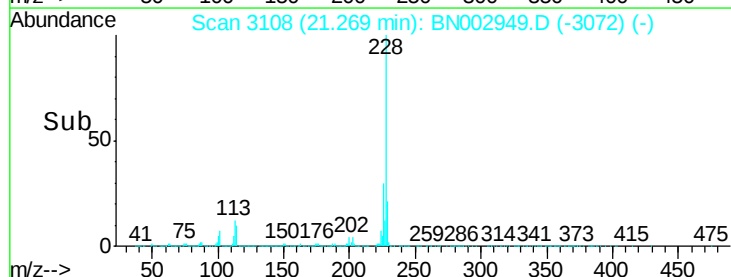
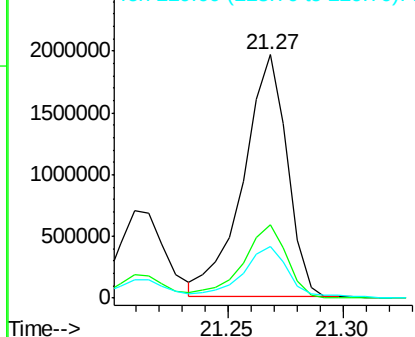
Lab File: BN002949.D

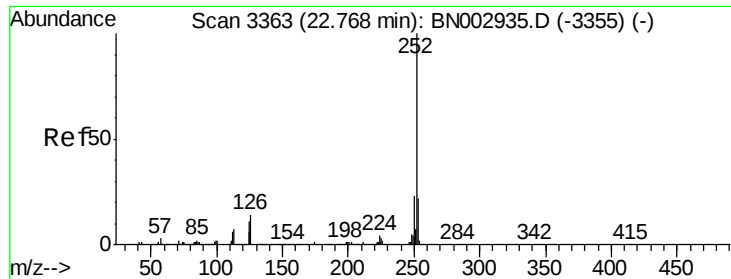
Acq: 05 Oct 2018 00:53

Tgt Ion:	228	Resp:	2604971
Ion Ratio	Lower	Upper	
228	100		
226	30.1	23.4	35.0
229	21.4	15.7	23.5



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





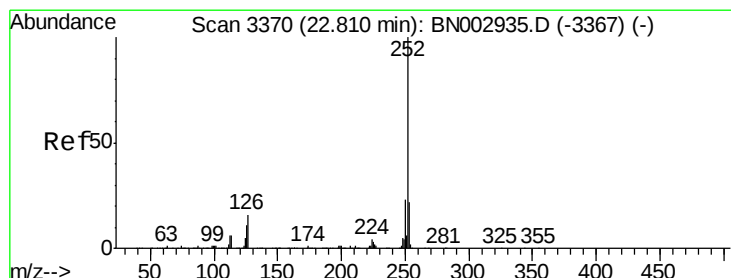
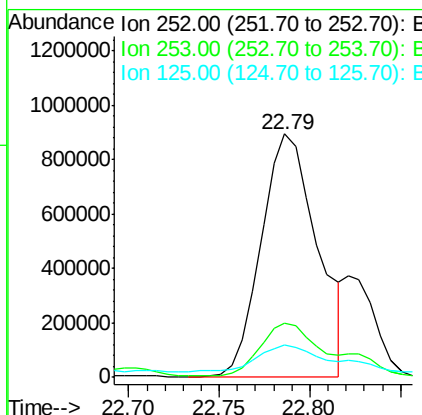
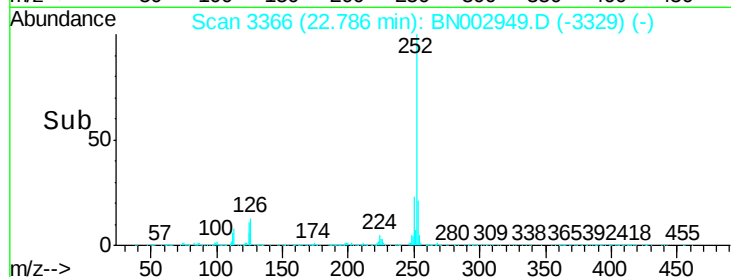
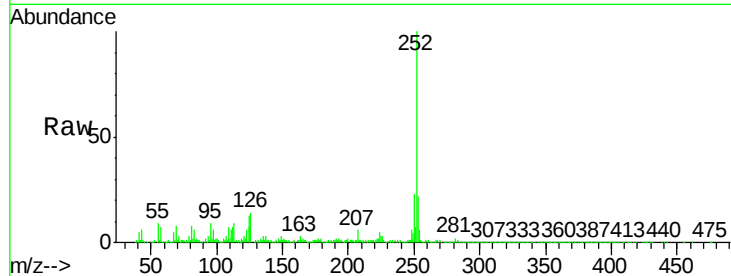
#87
Benzo(b)fluoranthene
Concen: 49.966 ng/ul
RT: 22.79 min Scan# 3366
Delta R.T. 0.02 min
Lab File: BN002949.D
Acq: 05 Oct 2018 00:53

Instrument :
BNA_N
ClientSampled :
JLC22

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.0	25.4
125	13.1	8.0	12.0

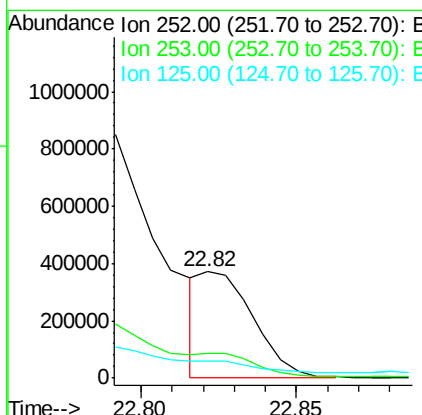
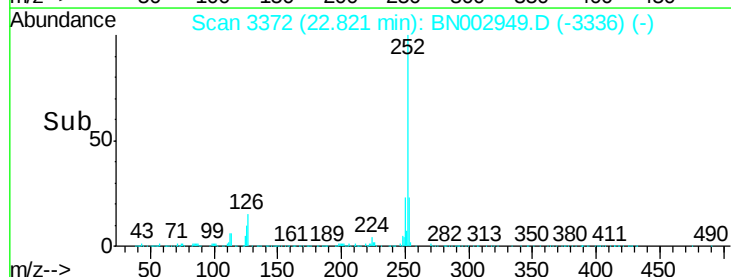
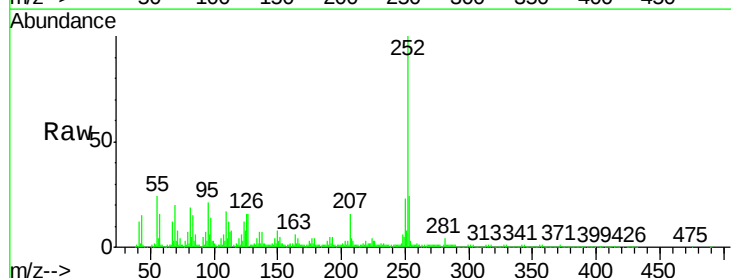
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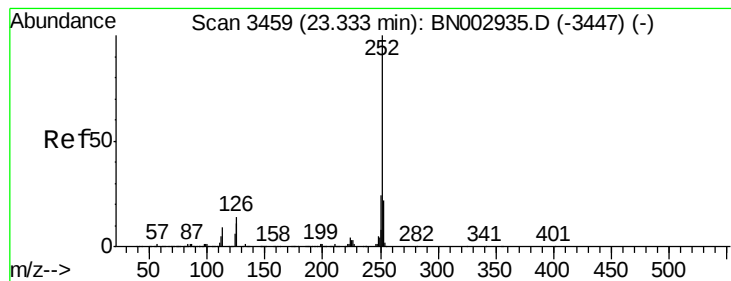
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#88
Benzo(k)fluoranthene
Concen: 12.072 ng/ul m
RT: 22.82 min Scan# 3372
Delta R.T. 0.01 min
Lab File: BN002949.D
Acq: 05 Oct 2018 00:53

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.8	26.8
125	16.4	8.3	12.5





#90

Benzo(a)pyrene

Concen: 17.276 ng/ul

RT: 23.35 min Scan# 3462

Delta R.T. 0.02 min

Lab File: BN002949.D

Acq: 05 Oct 2018 00:53

Instrument :

BNA_N

ClientSampled :

JLC22

Tgt Ion:252 Resp: 627894
Ion Ratio Lower Upper

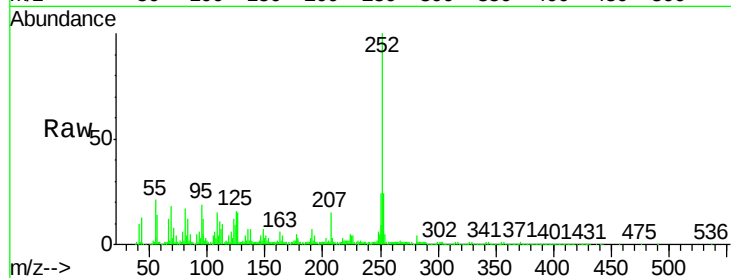
252 100

253 23.9 17.6 26.4

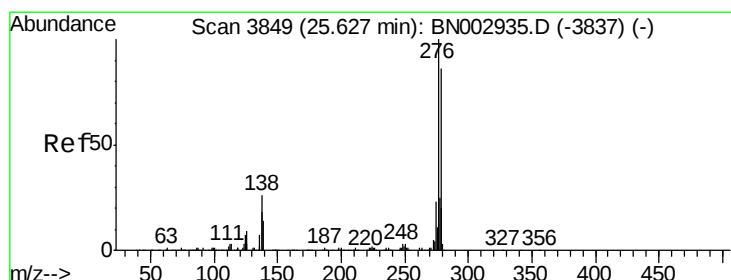
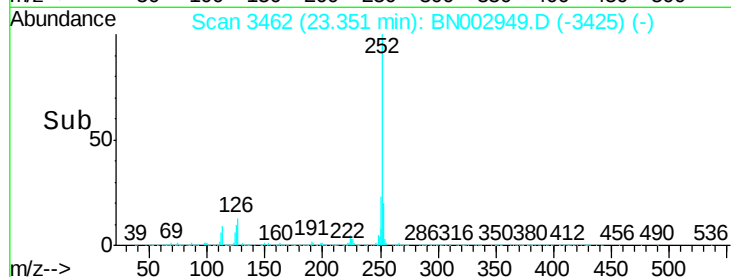
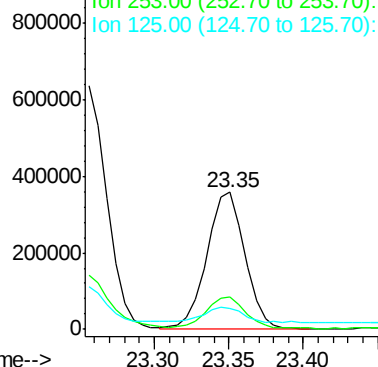
125 15.6 8.8 13.2#

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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



#91

Indeno(1,2,3-cd)pyrene

Concen: 14.700 ng/ul

RT: 25.65 min Scan# 3853

Delta R.T. 0.02 min

Lab File: BN002949.D

Acq: 05 Oct 2018 00:53

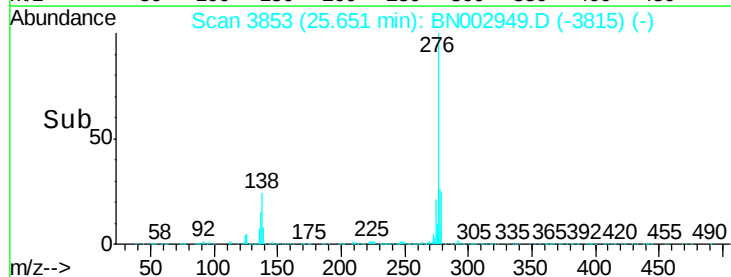
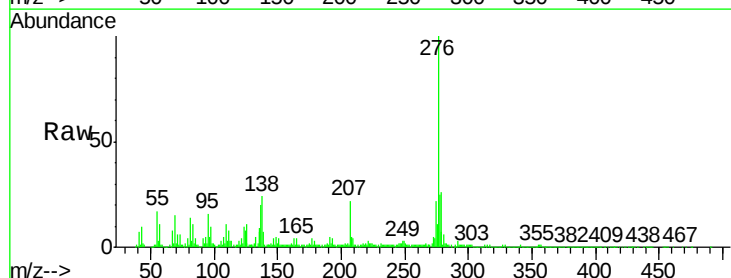
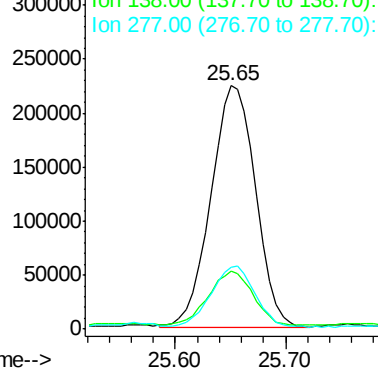
Tgt Ion:276 Resp: 632513
Ion Ratio Lower Upper

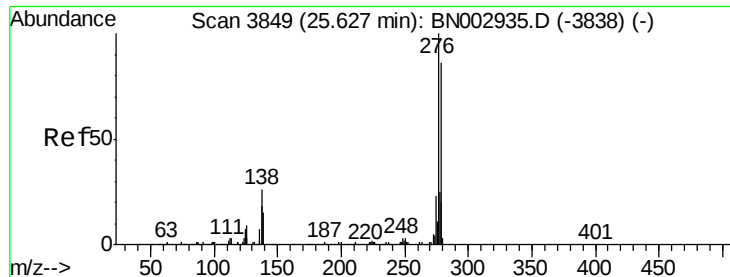
276 100

138 23.8 20.2 30.4

277 25.5 20.0 30.0

Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E





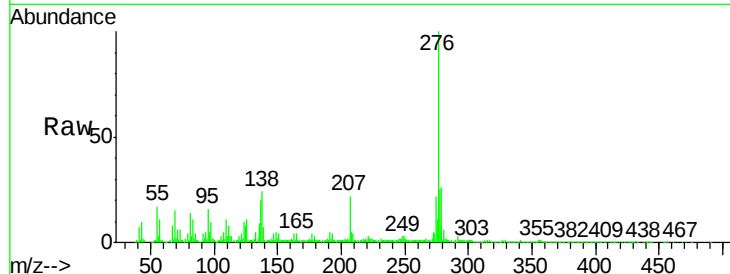
#92
Dibenzo(a,h)anthracene
Concen: 4.915 ng/ul
RT: 25.65 min Scan# 3853
Delta R.T. 0.02 min
Lab File: BN002949.D
Acq: 05 Oct 2018 00:53

Instrument :
BNA_N
ClientSampled :
JLC22

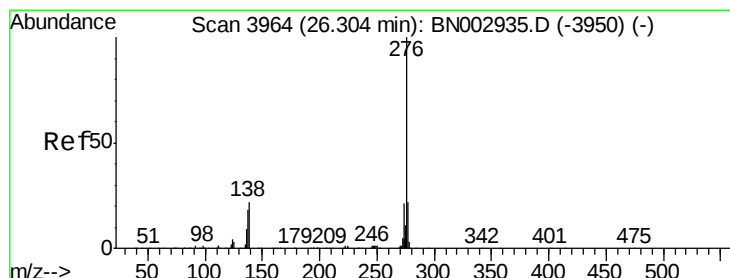
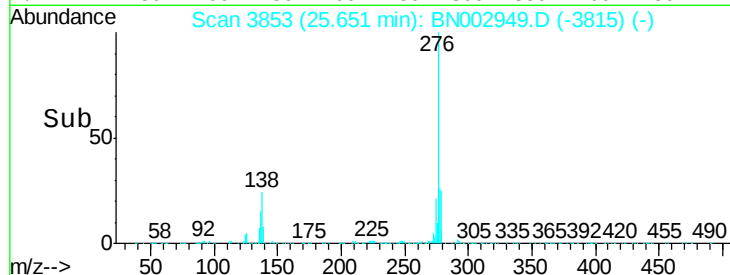
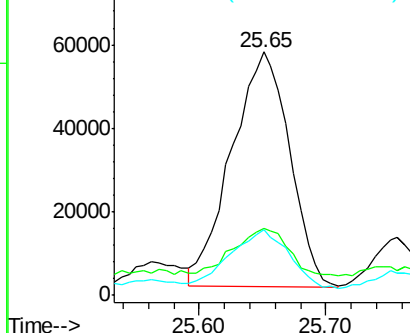
Tgt Ion	Ratio	Lower	Upper
278	100		
139	27.4	12.7	19.1#
279	27.1	18.7	28.1

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Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#93
Benzo(g,h,i)perylene
Concen: 20.123 ng/ul
RT: 26.33 min Scan# 3969
Delta R.T. 0.03 min
Lab File: BN002949.D
Acq: 05 Oct 2018 00:53

Tgt Ion	Ratio	Lower	Upper
276	100		
138	22.7	18.2	27.2
277	24.4	18.6	28.0

Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

