

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091218\
 Data File : BN002667.D
 Acq On : 12 Sep 2018 22:23
 Operator : JU/SJ
 Sample : J4792-17
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A3YZ1

Manual Integrations
 APPROVED

Sohil
 9/13/2018 5:41:21 PM

Quant Time: Sep 13 07:22:58 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN081318MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Sep 13 05:59:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	200180	20.00	ng/ul	0.00
18) Naphthalene-d8	10.43	136	896360	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.29	164	513477	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.05	188	1046191	20.00	ng/ul	0.00
77) Chrysene-d12	21.25	240	677121	20.00	ng/ul	0.00
85) Perylene-d12	23.46	264	639545	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.23	96	14162	3.34	ng/uL	0.00
5) Phenol-d5	6.85	99	361631	19.70	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.00	67	231924	20.12	ng/ul	0.00
9) 2-Chlorophenol-d4	7.20	132	306016	21.89	ng/ul	0.00
13) 4-Methylphenol-d8	8.37	113	282059	19.22	ng/ul	0.00
19) Nitrobenzene-d5	8.81	128	154196	21.61	ng/ul	0.00
22) 2-Nitrophenol-d4	9.53	143	178541	23.79	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.06	165	310980	22.55	ng/ul	0.00
29) 4-Chloroaniline-d4	10.57	131	316927	21.26	ng/ul	0.00
43) Dimethylphthalate-d6	13.71	166	967502	22.73	ng/ul	0.00
46) Acenaphthylene-d8	13.99	160	1209605	23.16	ng/ul	0.00
51) 4-Nitrophenol-d4	14.53	143	108681	13.51	ng/ul	0.00
57) Fluorene-d10	15.29	176	830137	22.49	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.43	200	100093	15.03	ng/ul	0.00
70) Anthracene-d10	17.15	188	1167739	23.36	ng/ul	0.00
78) Pyrene-d10	19.45	212	1040917	32.13	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.33	264	794135	23.75	ng/ul	0.00

Target Compounds

				Ovalue	
6) Phenol	6.88	94	20041	1.072	ng/ul# 90
28) Naphthalene	10.48	128	72193	1.565	ng/ul 97
44) Dimethylphthalate	13.76	163	556212	13.323	ng/ul 99
49) Acenaphthene	14.36	153	113883	3.247	ng/ul 96
53) Dibenzofuran	14.70	168	91119	1.842	ng/ul 92
58) Fluorene	15.35	166	123266	3.045	ng/ul 98
69) Phenanthrene	17.09	178	2090583	36.248	ng/ul 99
71) Anthracene	17.17	178	486538	8.318	ng/ul 100
74) Carbazole	17.45	167	177048	3.413	ng/ul 99
75) Di-n-butylphthalate	18.02	149	319209	5.062	ng/ul 99
76) Fluoranthene	19.12	202	2845056	43.342	ng/ul 99
79) Pyrene	19.48	202	3116348	76.328	ng/ul 100
82) Benzo(a)anthracene	21.23	228	1167065	28.134	ng/ul 99
83) Bis(2-ethylhexyl)phthalate	21.16	149	1050257	40.475	ng/ul 98
84) Chrysene	21.28	228	1160818	29.566	ng/ul 98
87) Benzo(b)fluoranthene	22.81	252	1148868	29.969	ng/ul 98
88) Benzo(k)fluoranthene	22.84	252	386172m	10.693	ng/ul
90) Benzo(a)pyrene	23.37	252	923472	25.288	ng/ul 97
91) Indeno(1,2,3-cd)pyrene	25.68	276	576466	13.269	ng/ul# 93
92) Dibenzo(a,h)anthracene	25.68	278	163379	4.498	ng/ul# 87
93) Benzo(a,h,i)perylene	26.36	276	516747	14.255	ng/ul 96

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN091218\
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Manual Integrations
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Quant Title : SVOA CALIBRATION
QLast Update : Thu Sep 13 05:59:25 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

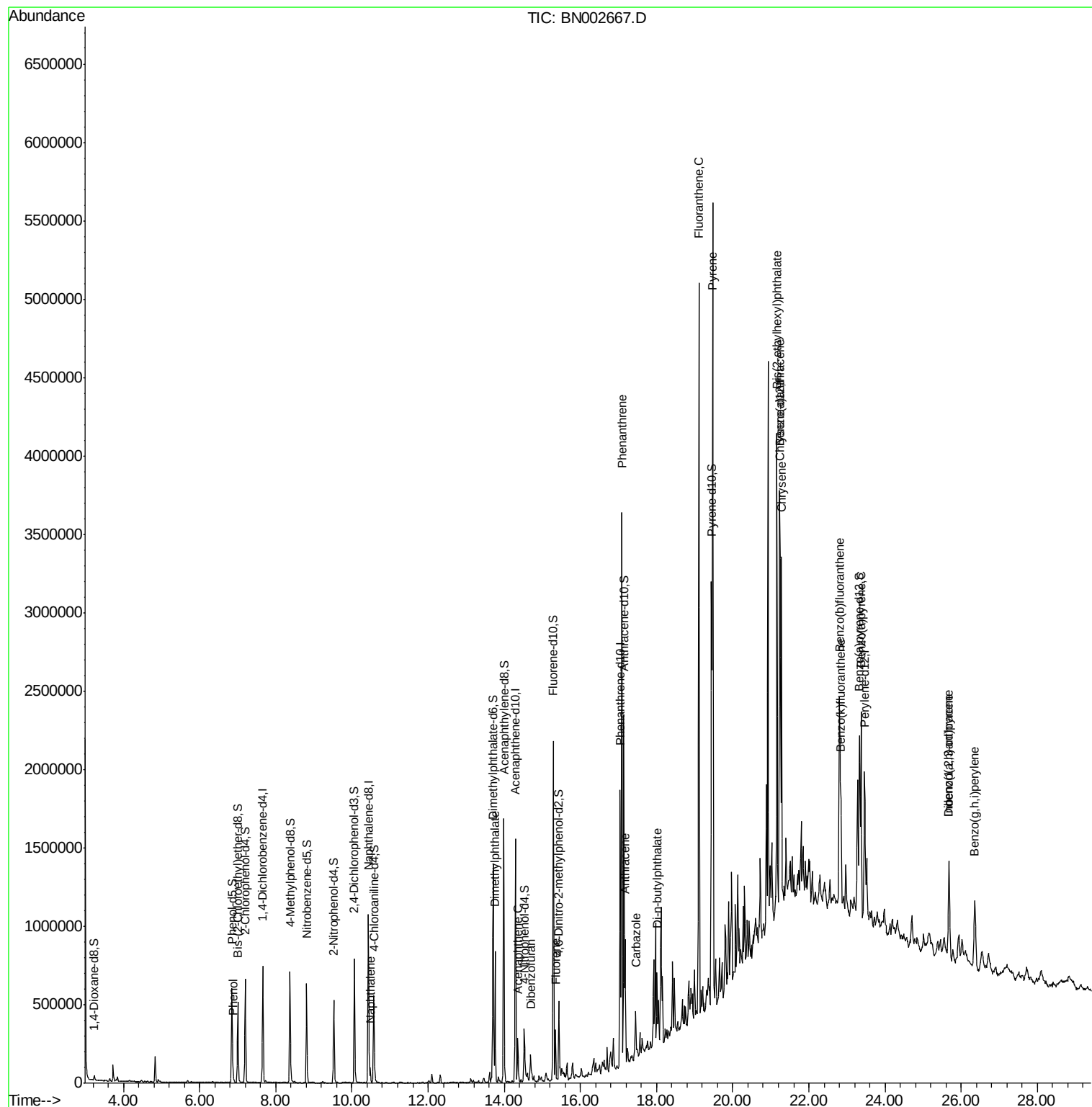
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN091218\
Data File : BN002667.D
Acq On : 12 Sep 2018 22:23
Operator : JU/SJ
Sample : J4792-17
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ALS Vial : 21 Sample Multiplier: 1

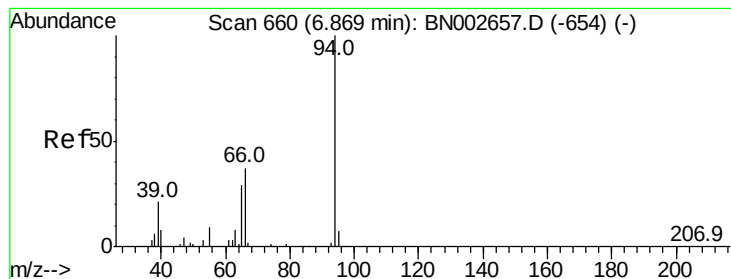
Instrument :
BNA_N
ClientSampled :
A3YZ1

Manual Integrations
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN081318MA.M
Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration





#6

Phenol

Concen: 1.072 ng/ul

RT: 6.88 min Scan# 661

Delta R.T. 0.01 min

Lab File: BN002667.D

Acq: 12 Sep 2018 22:23

Instrument :

BNA_N

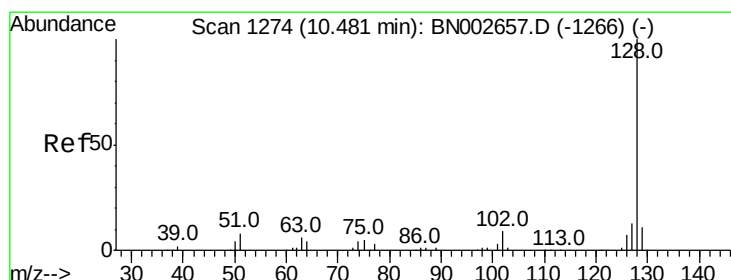
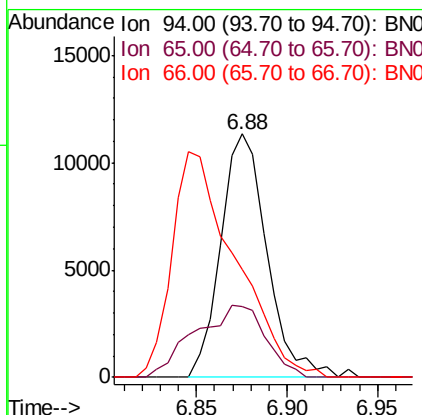
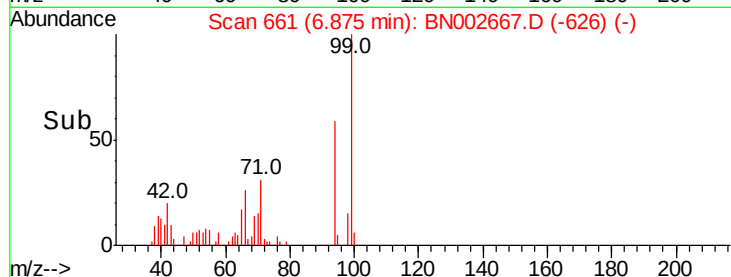
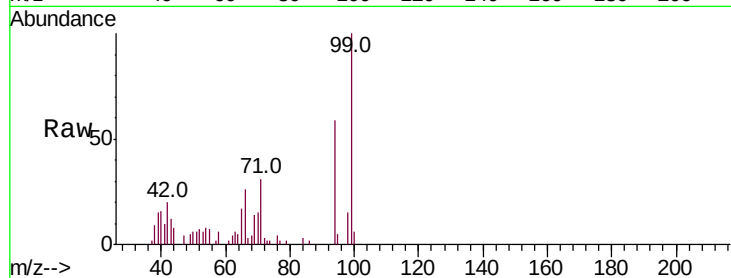
ClientSampleId :

A3YZ1

Tot Ion:	94	Resp:	20041
Ion Ratio	Lower	Upper	
94	100		
65	29.1	21.0	31.6
66	44.2	29.3	43.9#

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#28

Naphthalene

Concen: 1.565 ng/ul

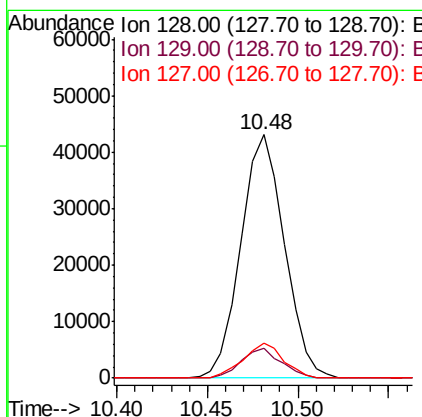
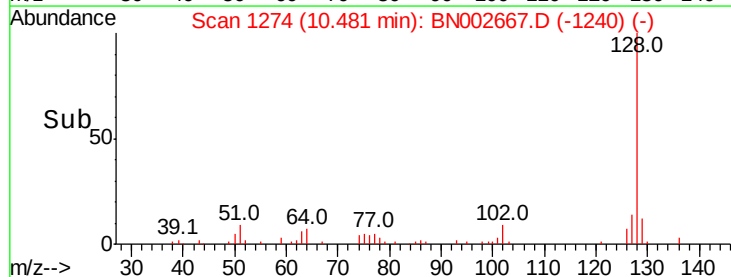
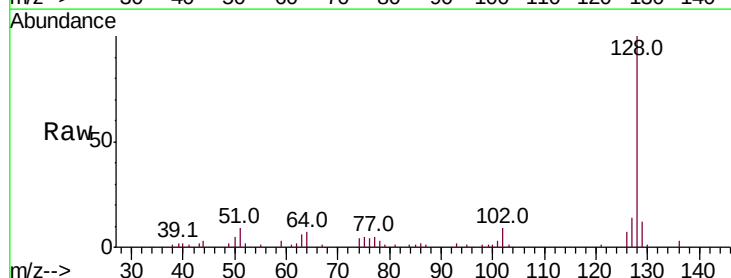
RT: 10.48 min Scan# 1274

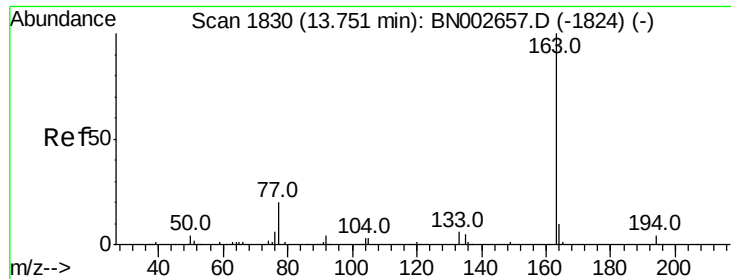
Delta R.T. -0.00 min

Lab File: BN002667.D

Acq: 12 Sep 2018 22:23

Tgt Ion:	128	Resp:	72193
Ion Ratio	Lower	Upper	
128	100		
129	12.1	8.8	13.2
127	14.2	10.5	15.7





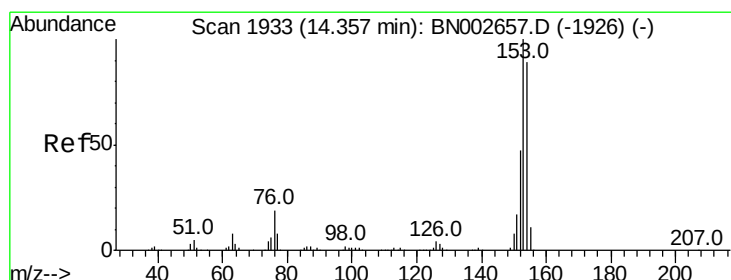
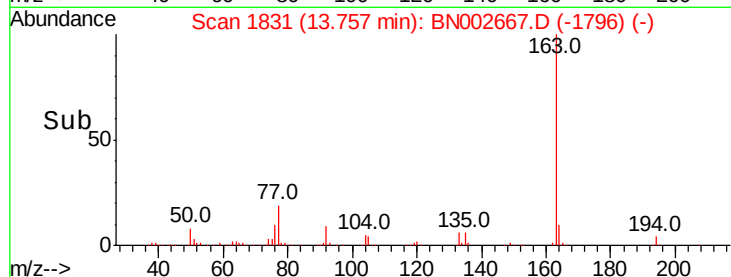
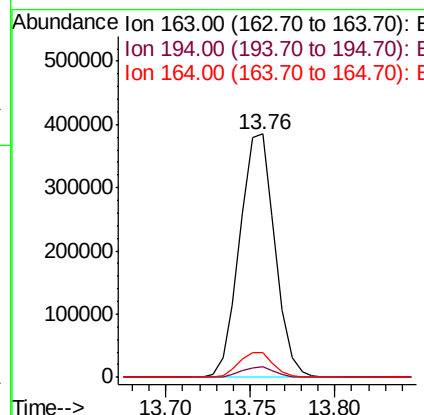
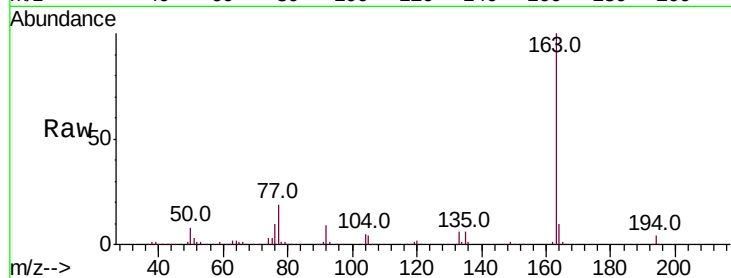
#44
Dimethylphthalate
Concen: 13.323 ng/ul
RT: 13.76 min Scan# 1831
Delta R.T. 0.01 min
Lab File: BN002667.D
Acq: 12 Sep 2018 22:23

Instrument :
BNA_N
ClientSampled :
A3YZ1

Tot Ion	Ratio	Resp	Lower	Upper
163	100	556212		
194	4.4		3.2	4.8
164	10.1		7.8	11.8

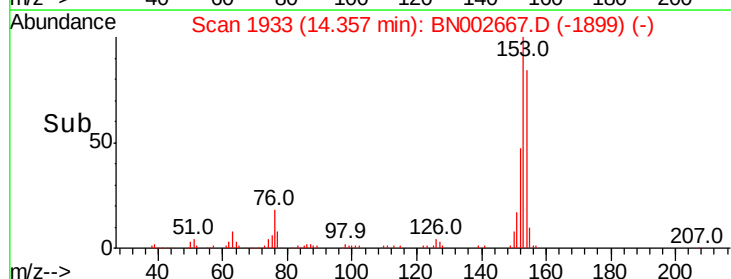
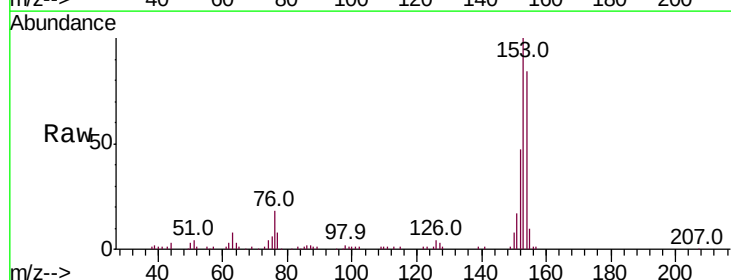
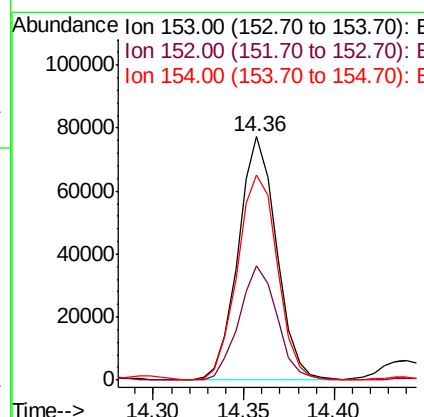
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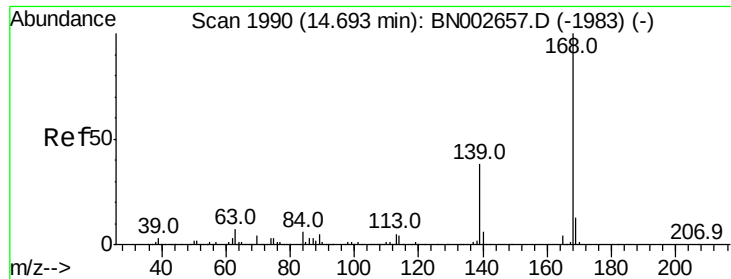
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#49
Acenaphthene
Concen: 3.247 ng/ul
RT: 14.36 min Scan# 1933
Delta R.T. -0.00 min
Lab File: BN002667.D
Acq: 12 Sep 2018 22:23

Tgt Ion	Ratio	Resp	Lower	Upper
153	100	113883		
152	46.8		38.3	57.5
154	84.4		71.8	107.8





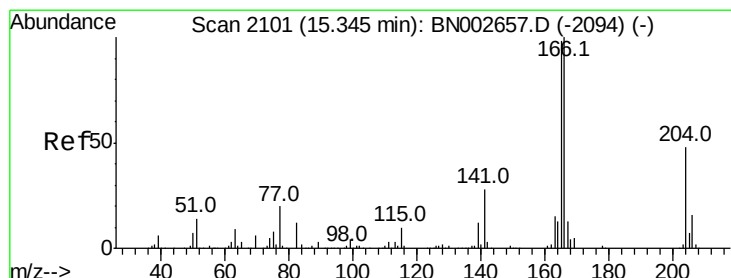
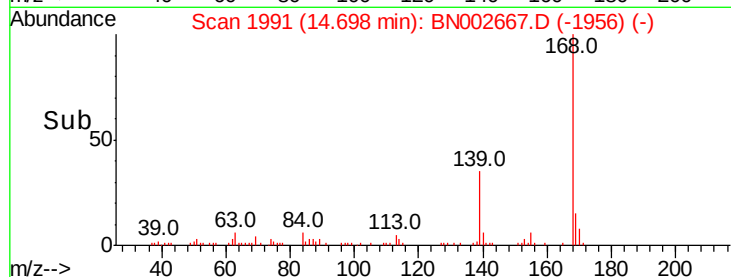
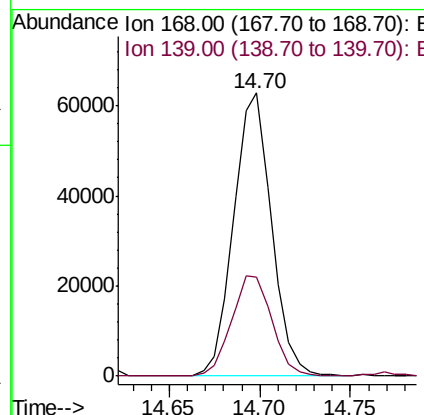
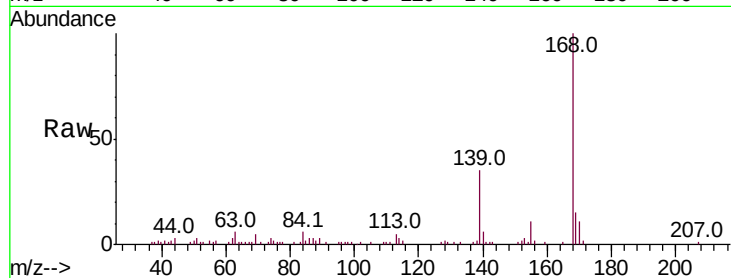
#53
Dibenzenofuran
Concen: 1.842 ng/ul
RT: 14.70 min Scan# 1991
Delta R.T. 0.01 min
Lab File: BN002667.D
Acq: 12 Sep 2018 22:23

Instrument :
BNA_N
ClientSampleId :
A3YZ1

Tot Ion	Ratio	Lower	Upper
168	100		
139	35.2	32.2	48.2

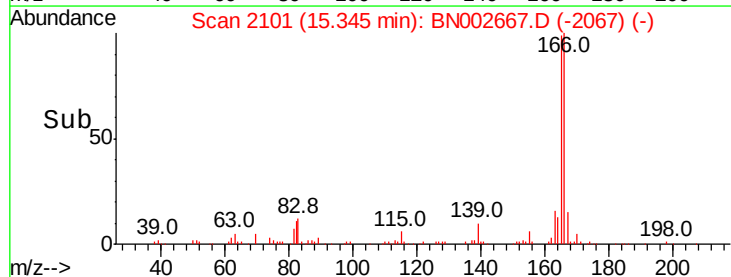
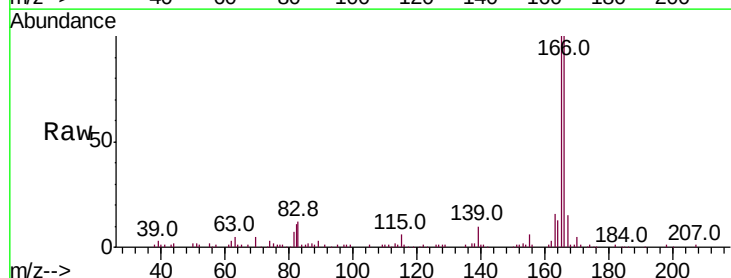
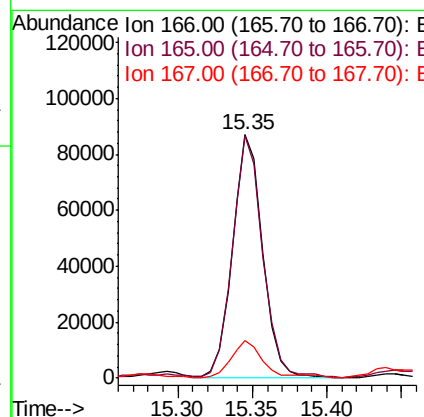
Manual Integrations
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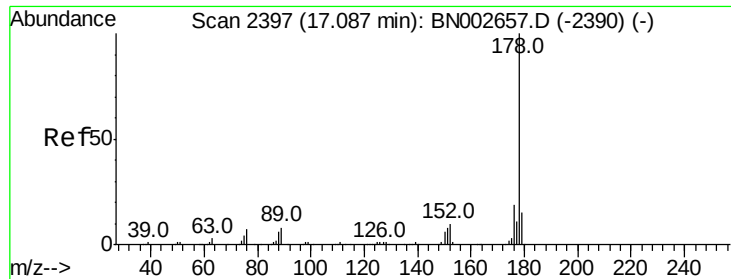
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#58
Fluorene
Concen: 3.045 ng/ul
RT: 15.35 min Scan# 2101
Delta R.T. -0.00 min
Lab File: BN002667.D
Acq: 12 Sep 2018 22:23

Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.5	78.5	117.7
167	15.3	10.7	16.1





#69

Phenanthrene

Concen: 36.248 ng/ul

RT: 17.09 min Scan# 2397

Delta R.T. -0.00 min

Lab File: BN002667.D

Acq: 12 Sep 2018 22:23

Instrument :

BNA_N

ClientSampleId :

A3YZ1

Tot Ion:178 Resp: 2090583

Ion Ratio Lower Upper

178 100

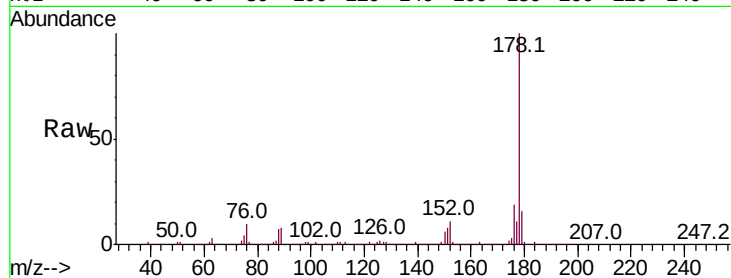
179 15.6 12.2 18.4

176 19.0 15.6 23.4

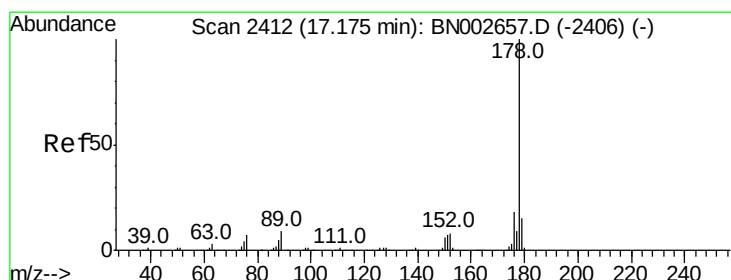
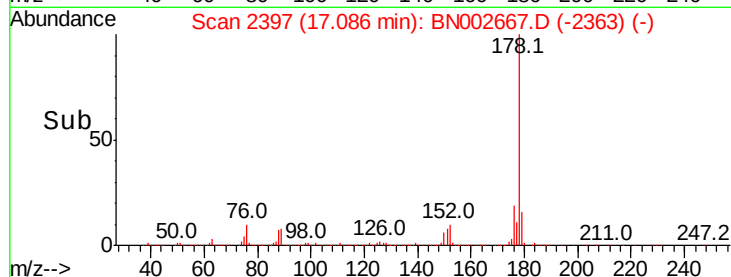
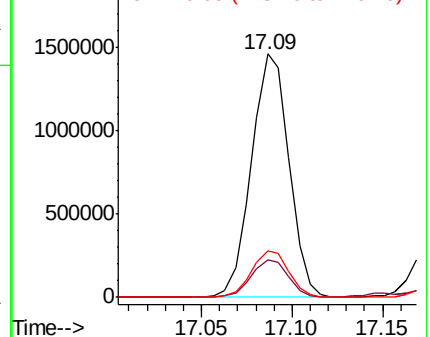
Manual Integrations
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Abundance Ion 178.00 (177.70 to 178.70): E
2000000 Ion 179.00 (178.70 to 179.70): E
Ion 176.00 (175.70 to 176.70): E



#71

Anthracene

Concen: 8.318 ng/ul

RT: 17.17 min Scan# 2412

Delta R.T. -0.00 min

Lab File: BN002667.D

Acq: 12 Sep 2018 22:23

Tgt Ion:178 Resp: 486538

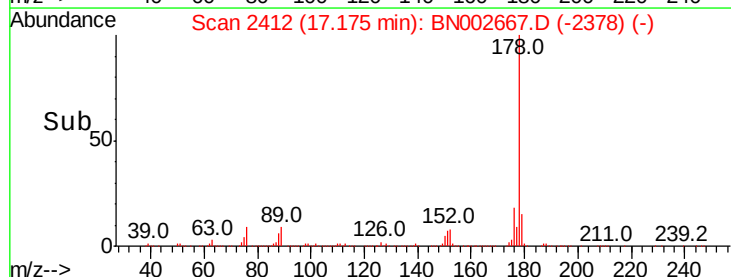
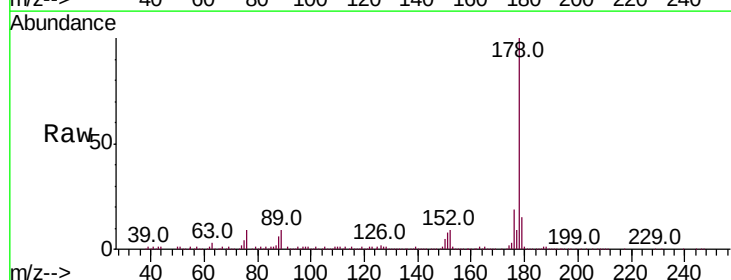
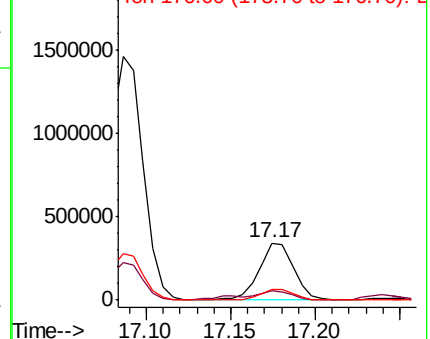
Ion Ratio Lower Upper

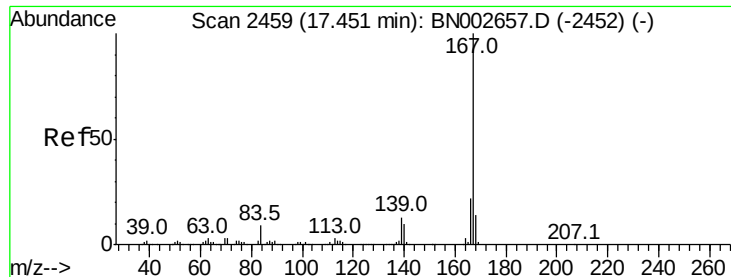
178 100

179 15.3 12.1 18.1

176 18.5 14.8 22.2

Abundance Ion 178.00 (177.70 to 178.70): E
2000000 Ion 179.00 (178.70 to 179.70): E
Ion 176.00 (175.70 to 176.70): E





#74

Carbazole

Concen: 3.413 ng/ul

RT: 17.45 min Scan# 2459

Delta R.T. -0.00 min

Lab File: BN002667.D

Acq: 12 Sep 2018 22:23

Instrument :

BNA_N

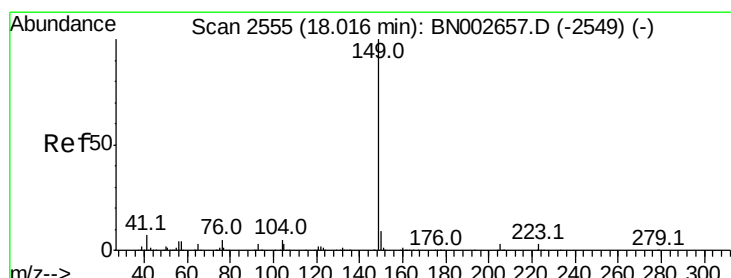
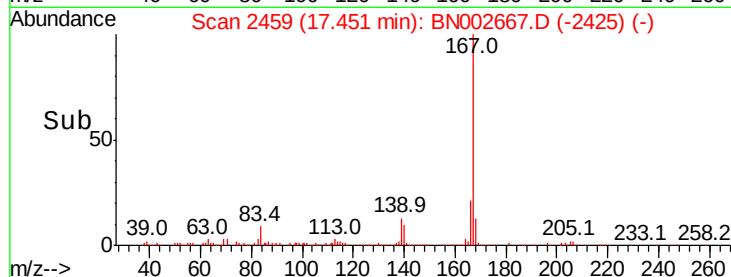
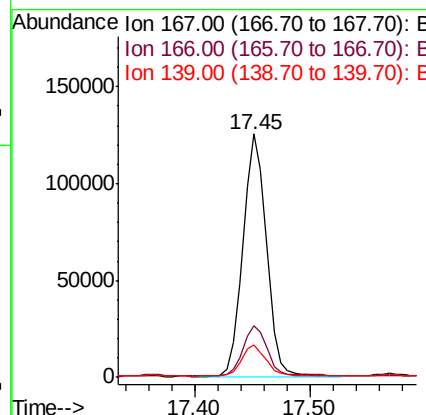
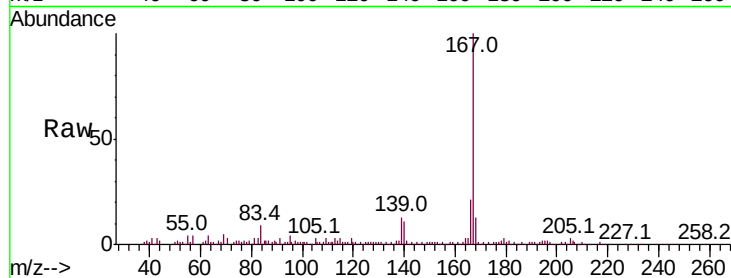
ClientSampleId :

A3YZ1

Tot Ion:	167	Resp:	177048
Ion Ratio	Lower	Upper	
167	100		
166	21.1	17.0	25.6
139	13.1	11.0	16.4

Manual Integrations
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#75

Di-n-butylphthalate

Concen: 5.062 ng/ul

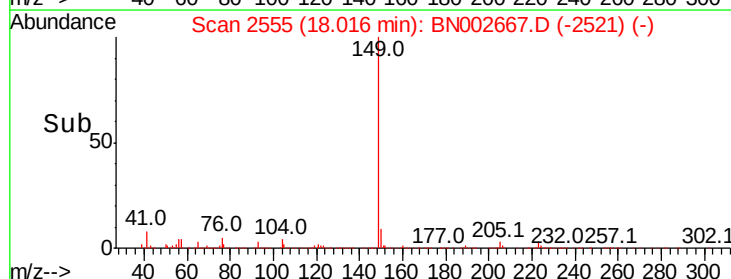
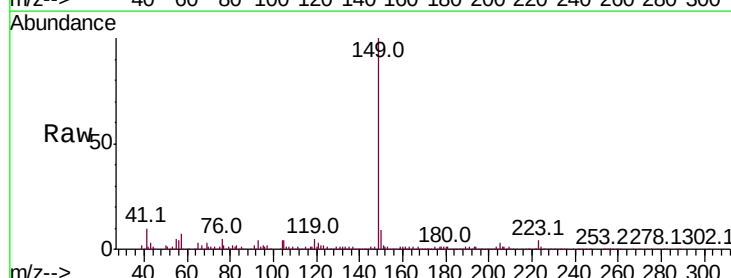
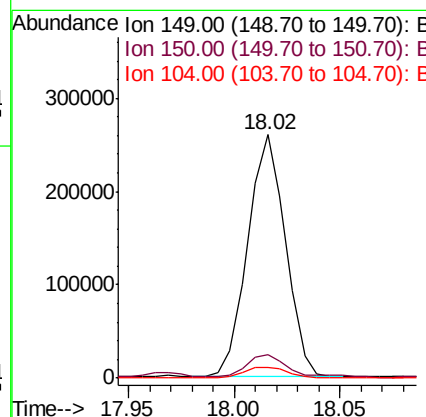
RT: 18.02 min Scan# 2555

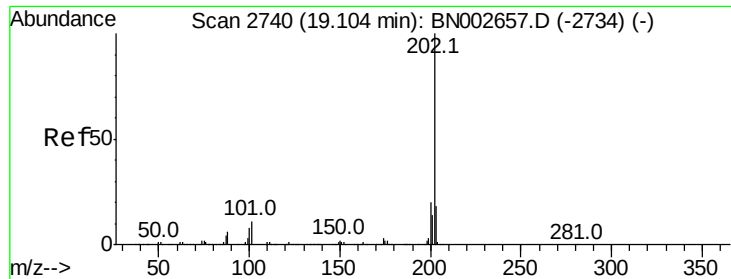
Delta R.T. -0.00 min

Lab File: BN002667.D

Acq: 12 Sep 2018 22:23

Tgt Ion:	149	Resp:	319209
Ion Ratio	Lower	Upper	
149	100		
150	9.5	7.4	11.0
104	4.5	4.0	6.0





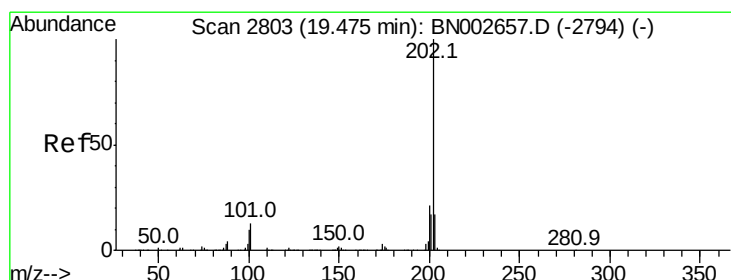
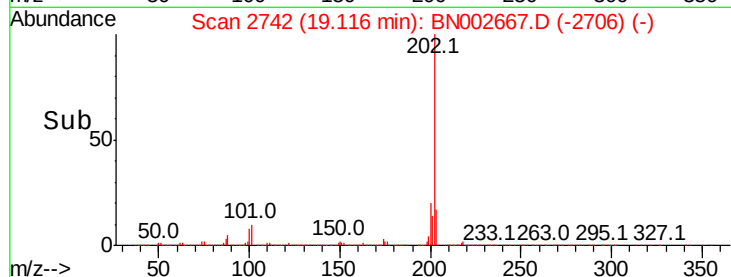
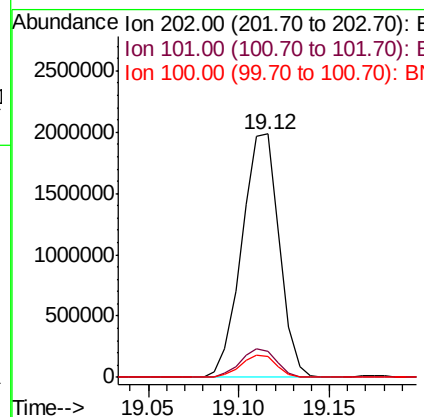
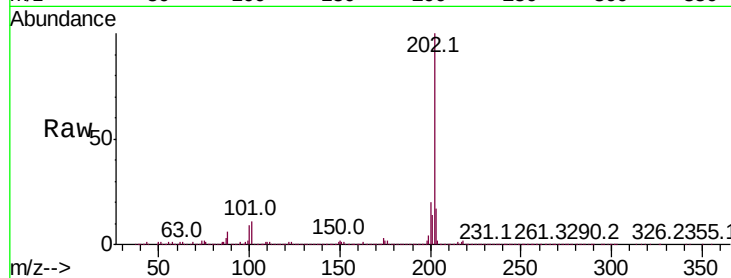
#76
Fluoranthene
Concen: 43.342 ng/ul
RT: 19.12 min Scan# 2742
Delta R.T. 0.01 min
Lab File: BN002667.D
Acq: 12 Sep 2018 22:23

Instrument :
BNA_N
ClientSampled :
A3YZ1

Tot Ion	Ratio	Lower	Upper
202	100		
101	10.8	8.8	13.2
100	8.5	6.6	9.8

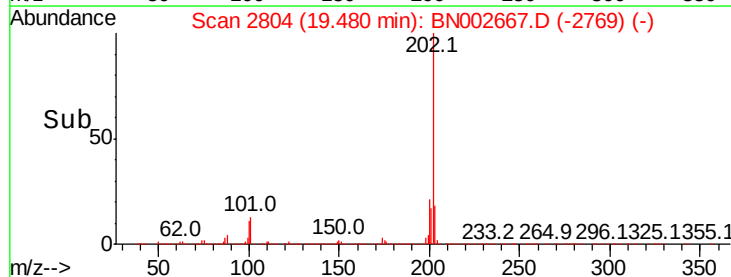
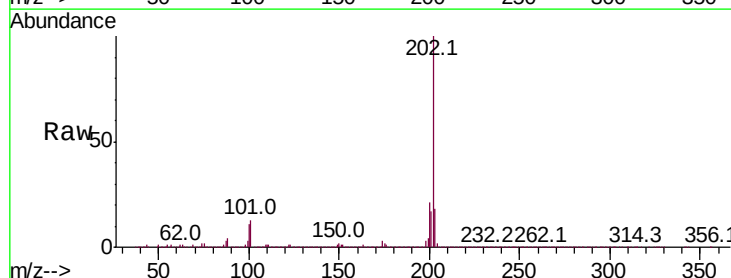
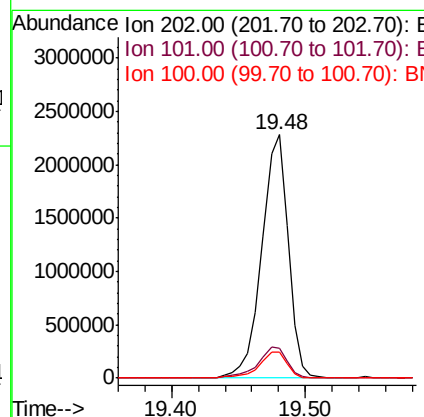
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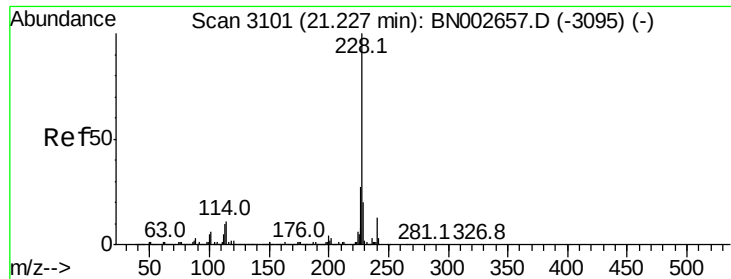
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#79
Pyrene
Concen: 76.328 ng/ul
RT: 19.48 min Scan# 2804
Delta R.T. 0.01 min
Lab File: BN002667.D
Acq: 12 Sep 2018 22:23

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.5	10.2	15.2
100	10.5	8.5	12.7





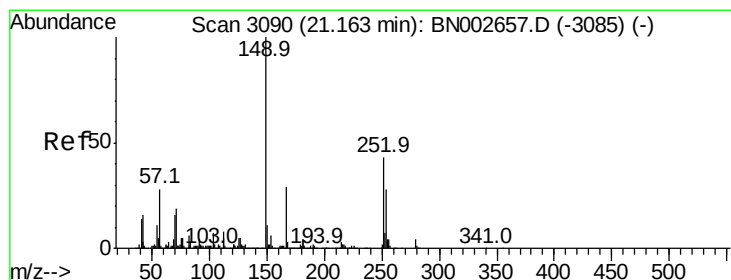
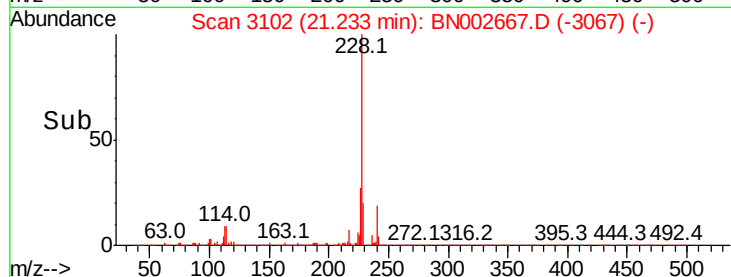
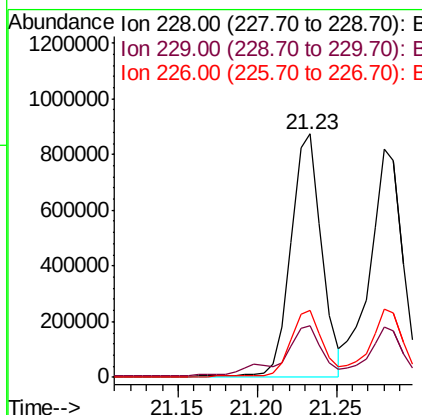
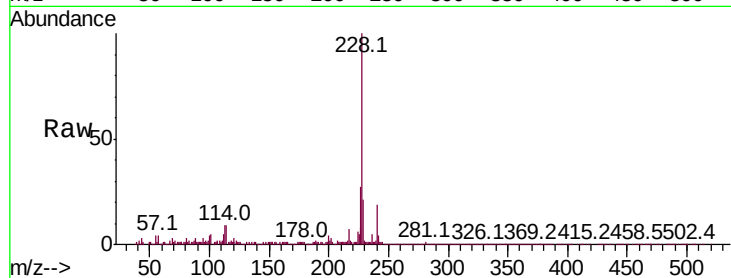
#82
 Benzo(a)anthracene
 Concen: 28.134 ng/ul
 RT: 21.23 min Scan# 3102
 Delta R.T. 0.01 min
 Lab File: BN002667.D
 Acq: 12 Sep 2018 22:23

Instrument :
 BNA_N
 ClientSampleId :
 A3YZ1

Tot Ion	Ratio	Lower	Upper
228	100		
229	21.0	15.7	23.5
226	27.4	21.8	32.6

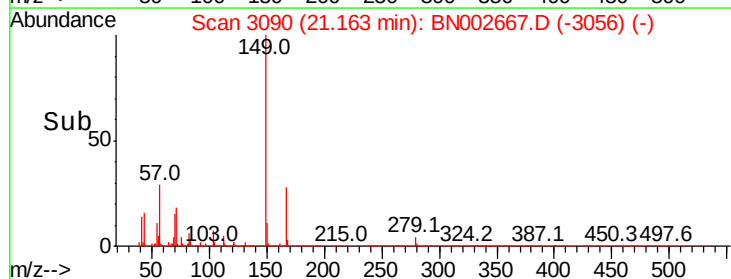
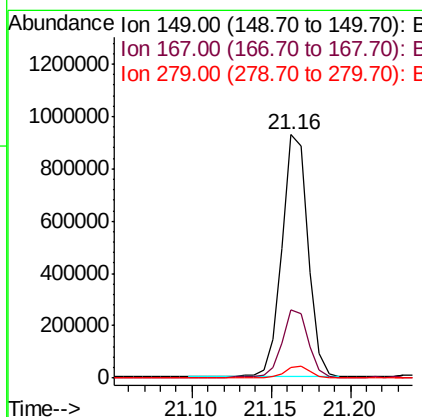
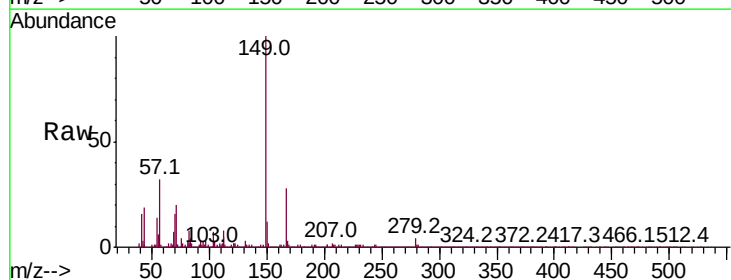
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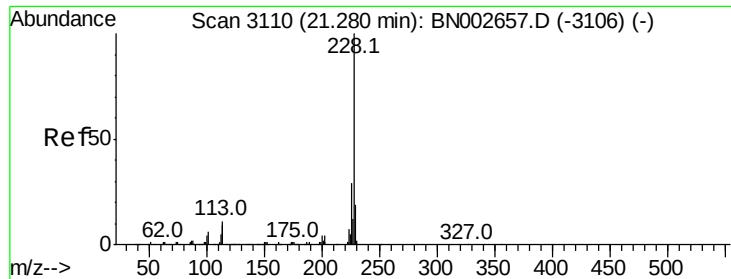
Sohil
 9/13/2018 5:41:21 PM



#83
 Bis(2-ethylhexyl)phthalate
 Concen: 40.475 ng/ul
 RT: 21.16 min Scan# 3090
 Delta R.T. -0.00 min
 Lab File: BN002667.D
 Acq: 12 Sep 2018 22:23

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.9	21.6	32.4
279	4.3	3.0	4.4





#84

Chrysene

Concen: 29.566 ng/ul

RT: 21.28 min Scan# 3110

Delta R.T. -0.00 min

Lab File: BN002667.D

Acq: 12 Sep 2018 22:23

Instrument :

BNA_N

ClientSampled :

A3YZ1

Tot Ion:228 Resp: 1160818

Ion Ratio Lower Upper

228 100

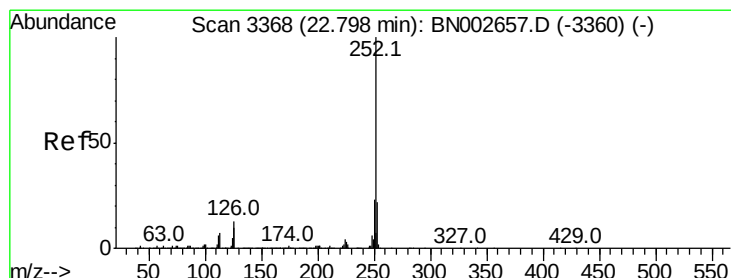
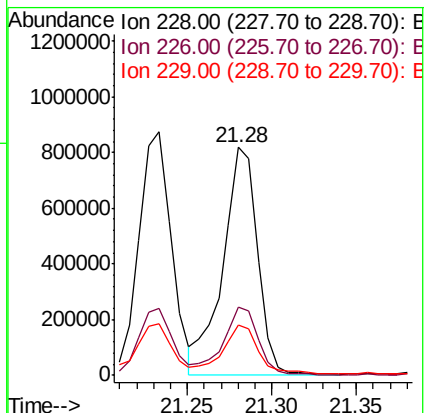
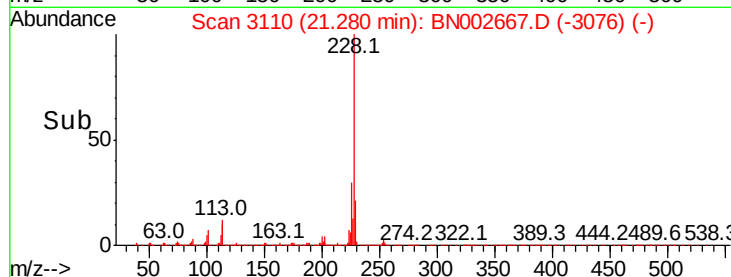
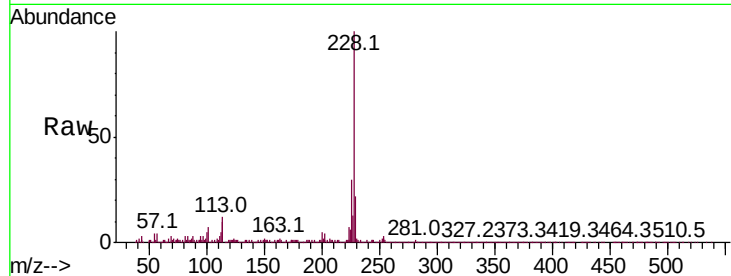
226 30.2 24.0 36.0

229 21.9 15.6 23.4

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#87

Benzo(b)fluoranthene

Concen: 29.969 ng/ul

RT: 22.81 min Scan# 3370

Delta R.T. 0.01 min

Lab File: BN002667.D

Acq: 12 Sep 2018 22:23

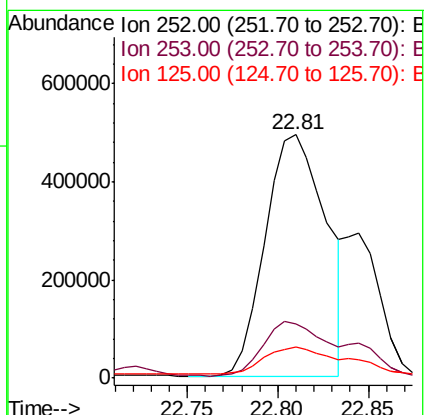
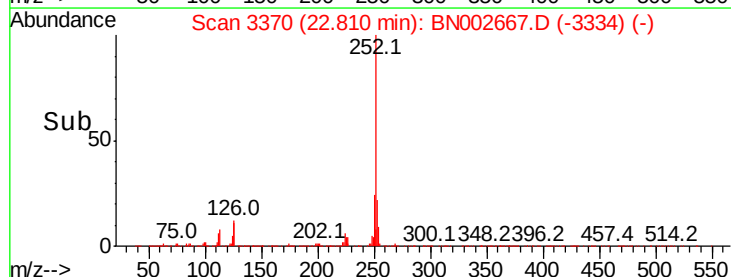
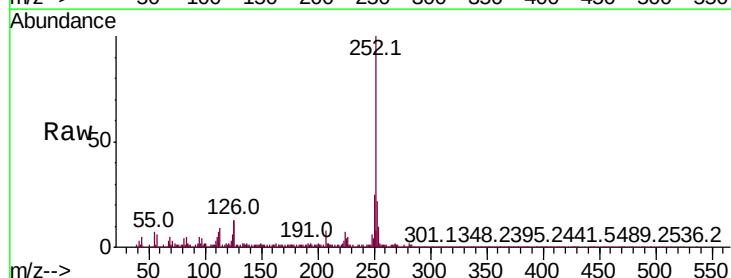
Tgt Ion:252 Resp: 1148868

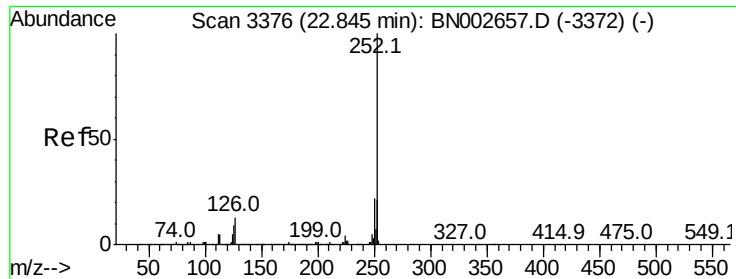
Ion Ratio Lower Upper

252 100

253 22.4 17.5 26.3

125 12.5 8.5 12.7





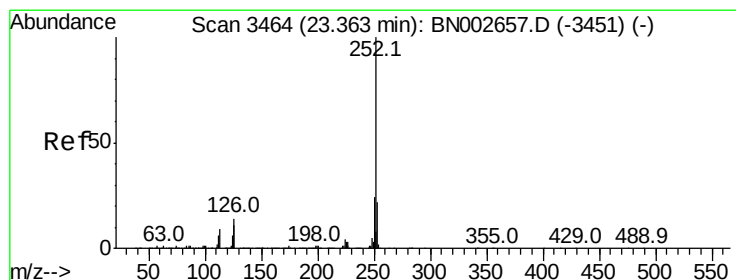
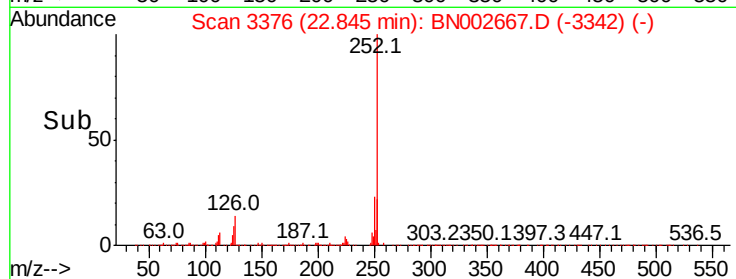
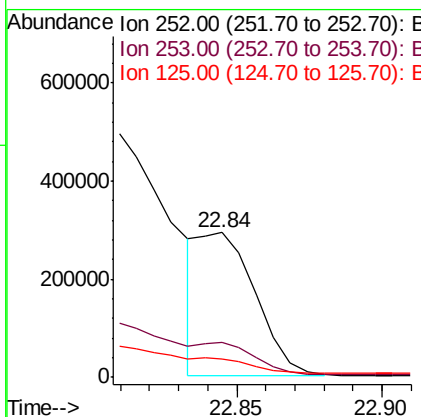
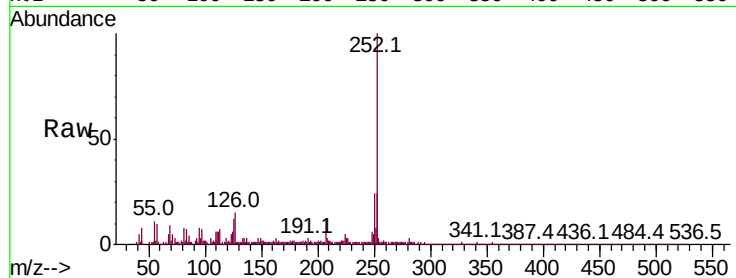
#88
Benzo(k)fluoranthene
Concen: 10.693 ng/ul m
RT: 22.84 min Scan# 3376
Delta R.T. -0.00 min
Lab File: BN002667.D
Acq: 12 Sep 2018 22:23

Instrument :
BNA_N
ClientSampleId :
A3YZ1

Tot Ion	Ratio	Resp Lower	Upper
252	100		
253	23.8	17.3	25.9
125	12.4	8.2	12.2#

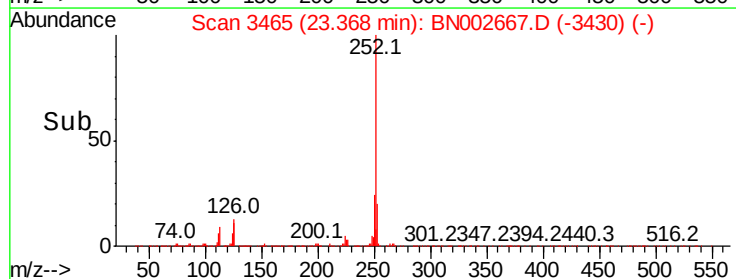
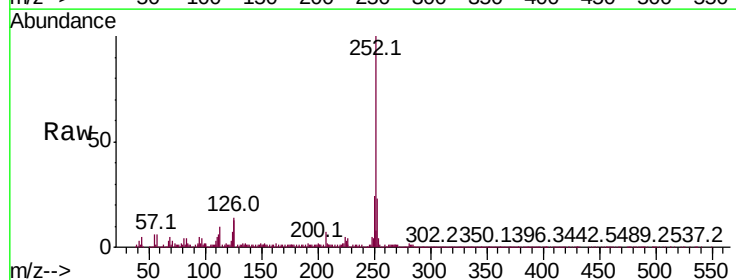
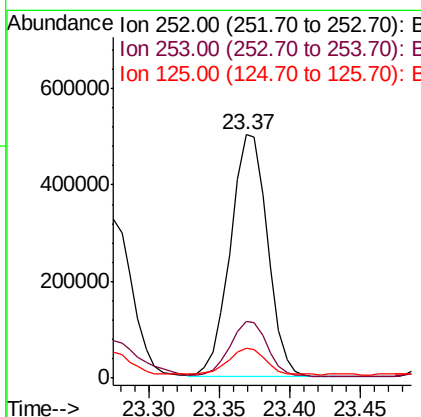
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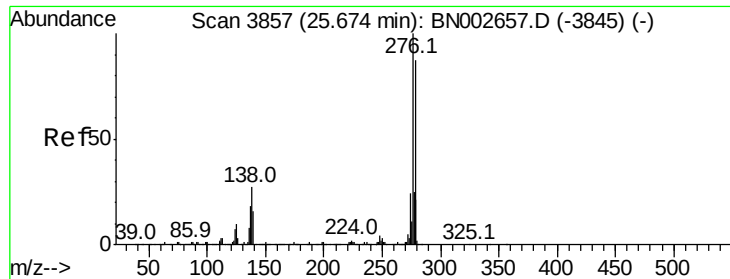
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#90
Benzo(a)pyrene
Concen: 25.288 ng/ul
RT: 23.37 min Scan# 3465
Delta R.T. 0.01 min
Lab File: BN002667.D
Acq: 12 Sep 2018 22:23

Tgt Ion	Ratio	Resp Lower	Upper
252	100		
253	23.2	17.2	25.8
125	12.5	9.0	13.6





#91

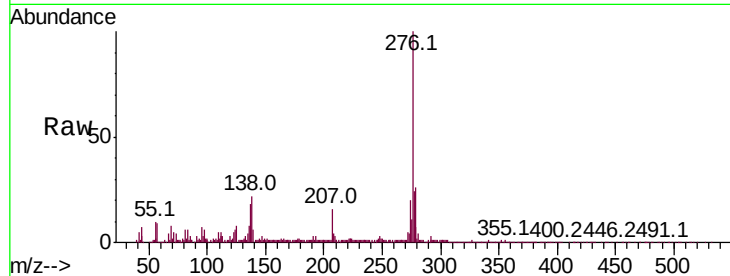
Indeno(1,2,3-cd)pyrene
Concen: 13.269 ng/ul
RT: 25.68 min Scan# 3858
Delta R.T. 0.01 min
Lab File: BN002667.D
Acq: 12 Sep 2018 22:23

Instrument :
BNA_N
ClientSampled :
A3YZ1

Tot Ion	Ratio	Lower	Upper
276	100		
138	21.9	22.3	33.5#
277	24.5	20.2	30.2

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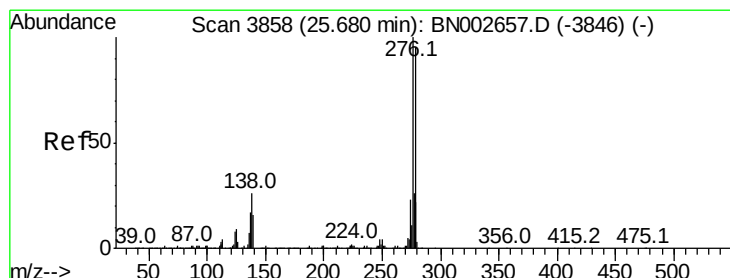
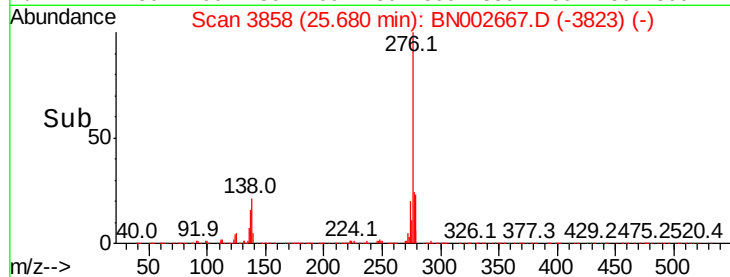
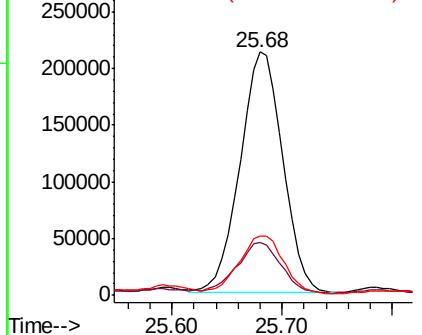


Abundance

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: 4.498 ng/ul
RT: 25.68 min Scan# 3858
Delta R.T. -0.00 min
Lab File: BN002667.D
Acq: 12 Sep 2018 22:23

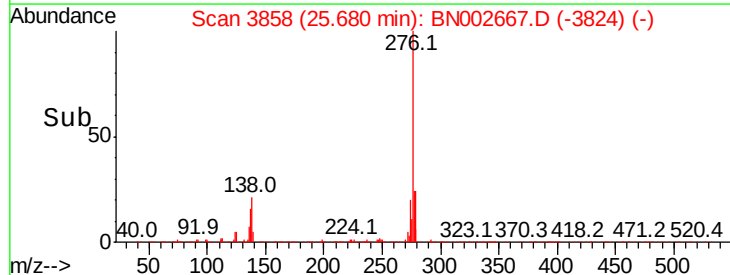
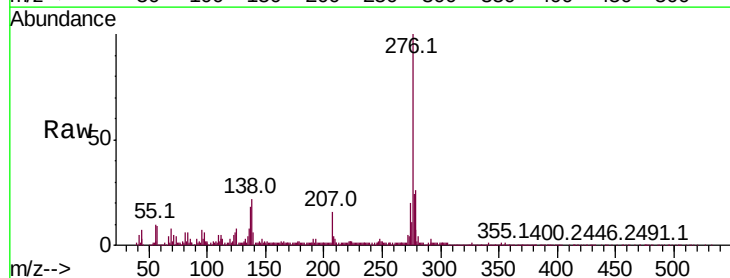
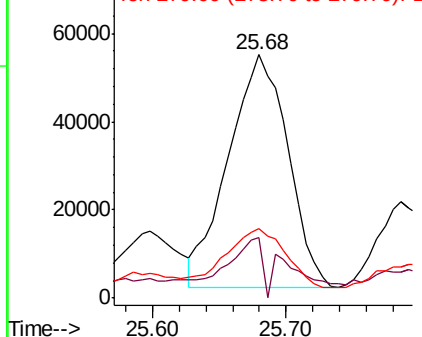
Tgt Ion	Ratio	Lower	Upper
278	100		
139	24.7	13.9	20.9#
279	28.4	19.0	28.4

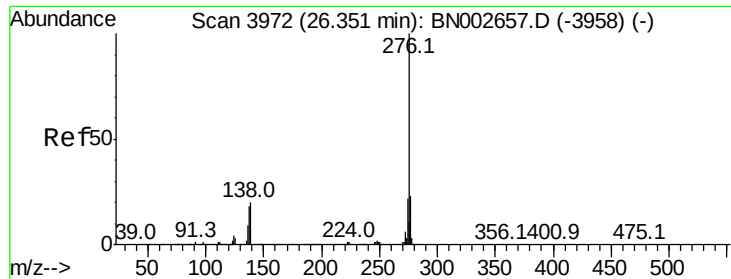
Abundance

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(a,h,i)perylene

Concen: 14.255 ng/ul

RT: 26.36 min Scan# 3974

Delta R.T. 0.01 min

Lab File: BN002667.D

Acq: 12 Sep 2018 22:23

Instrument :

BNA_N

ClientSampleId :

A3YZ1

Tot Ion:	276	Resp:	516747
Ion Ratio	Lower	Upper	
276	100		
138	20.6	18.9	28.3
277	25.1	19.2	28.8

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