

Data File : BN004295.D
Acq On : 29 Dec 2018 11:28
Operator : JU/SJ
Sample : J6428-12
Misc : GCMS Confirmation
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A41W5

Quant Time: Dec 30 22:16:42 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN121218MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 28 03:12:04 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	28166	20.00	ng/ul	0.00
18) Naphthalene-d8	10.62	136	132168	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.46	164	87145	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.21	188	198628	20.00	ng/ul	0.00
77) Chrysene-d12	21.40	240	223391	20.00	ng/ul	0.00
85) Perylene-d12	23.72	264	203130	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	0.00	96	0	0.00	ng/uL	
5) Phenol-d5	0.00	99	0	0.00	ng/ul	
7) Bis-(2-Chloroethyl)ether-d	0.00	67	0	0.00	ng/ul	
9) 2-Chlorophenol-d4	0.00	132	0	0.00	ng/ul	
13) 4-Methylphenol-d8	0.00	113	0	0.00	ng/ul	
19) Nitrobenzene-d5	0.00	128	0	0.00	ng/ul	
22) 2-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
26) 2,4-Dichlorophenol-d3	0.00	165	0	0.00	ng/ul	
29) 4-Chloroaniline-d4	0.00	131	0	0.00	ng/ul	
43) Dimethylphthalate-d6	0.00	166	0	0.00	ng/ul	
46) Acenaphthylene-d8	0.00	160	0	0.00	ng/ul	
51) 4-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
57) Fluorene-d10	15.45	176	237	0.04	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	0.00	200	0	0.00	ng/ul	
70) Anthracene-d10	17.21	188	198628	19.79	ng/ul	-0.10
78) Pyrene-d10	0.00	212	0	0.00	ng/ul	
89) Benzo(a)pyrene-d12	23.72	264	198967	18.06	ng/ul	0.15

Target Compounds

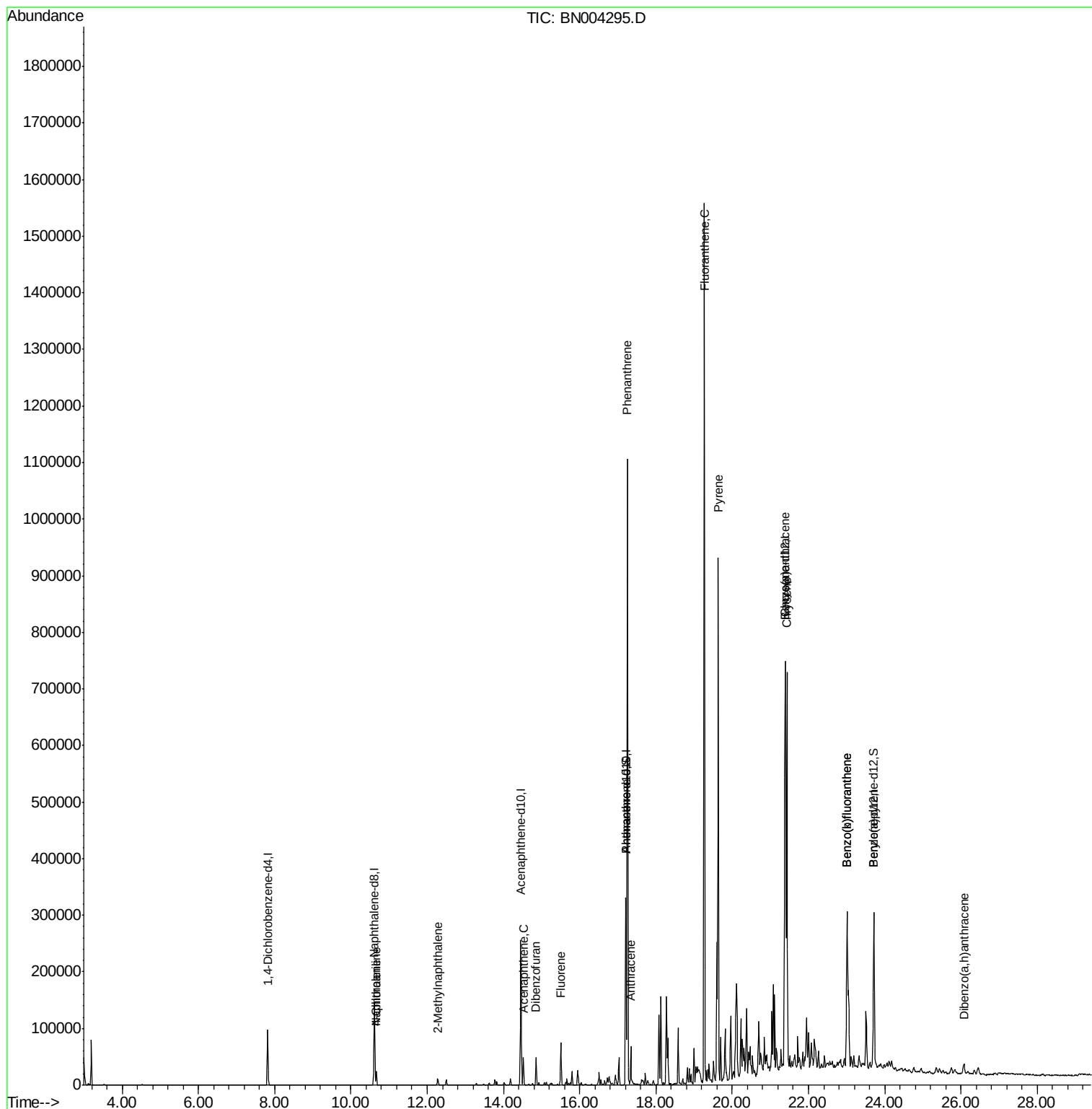
					Qvalue	
28) Naphthalene	10.66	128	22673	3.197	ng/ul	99
30) 4-Chloroaniline	10.66	127	2756	1.333	ng/ul#	13
34) 2-Methylnaphthalene	12.27	142	7795	1.460	ng/ul	98
49) Acenaphthene	14.52	153	21095	3.369	ng/ul	99
53) Dibenzofuran	14.86	168	33680	3.790	ng/ul	98
58) Fluorene	15.51	166	36188	4.890	ng/ul	98
69) Phenanthrene	17.25	178	636954	55.501	ng/ul	99
71) Anthracene	17.34	178	42795	3.638	ng/ul	98
76) Fluoranthene	19.27	202	913580	64.944	ng/ul	99
79) Pyrene	19.63	202	550238	44.089	ng/ul	99
82) Benzo(a)anthracene	21.38	228	308690	22.160	ng/ul	99
84) Chrysene	21.43	228	358780	27.497	ng/ul	99
87) Benzo(b)fluoranthene	23.02	252	231797	19.050	ng/ul	97
88) Benzo(k)fluoranthene	23.02	252	231797	20.344	ng/ul	97
92) Dibenzo(a,h)anthracene	26.07	278	15476	1.219	ng/ul	93

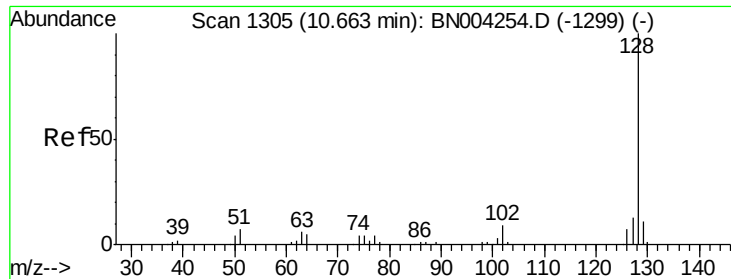
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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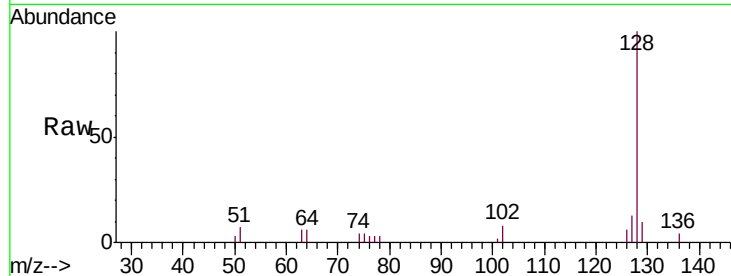




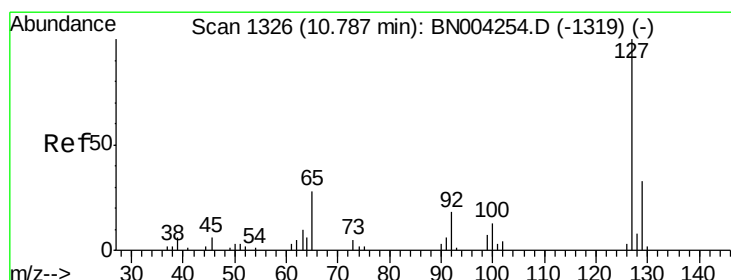
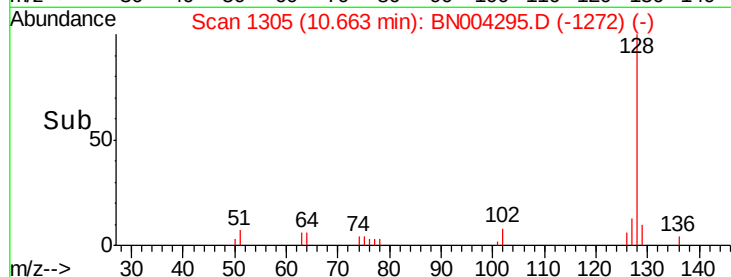
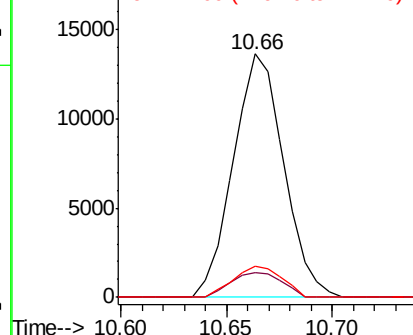
#28
Naphthalene
Concen: 3.197 ng/ul
RT: 10.66 min Scan# 1305
Delta R.T. -0.01 min
Lab File: BN004295.D
Acq: 29 Dec 2018 11:28

Instrument :
BNA_N
ClientSampleId :
A41W5

Tgt Ion:128 Resp: 22673
Ion Ratio Lower Upper
128 100
129 10.3 8.6 12.8
127 12.8 10.6 16.0

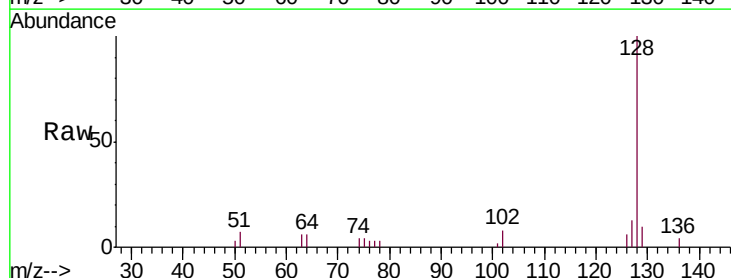


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

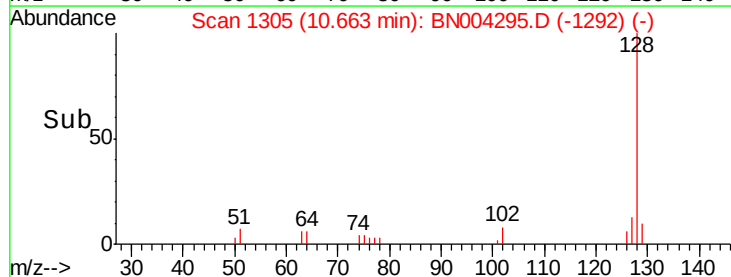
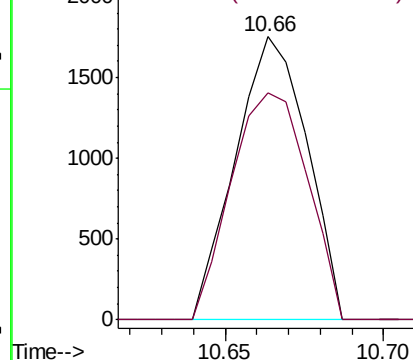


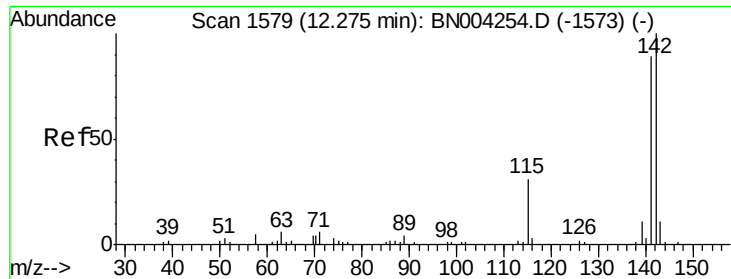
#30
4-Chloroaniline
Concen: 1.333 ng/ul
RT: 10.66 min Scan# 1305
Delta R.T. -0.12 min
Lab File: BN004295.D
Acq: 29 Dec 2018 11:28

Tgt Ion:127 Resp: 2756
Ion Ratio Lower Upper
127 100
129 80.3 25.5 38.3#



Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E

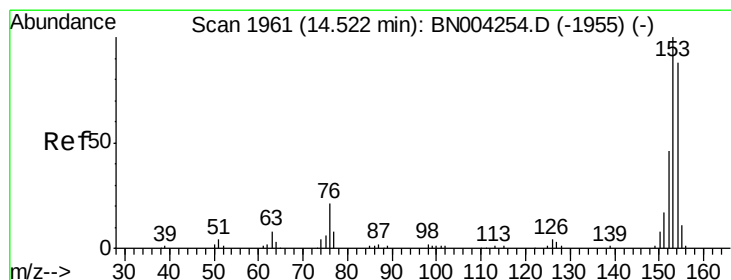
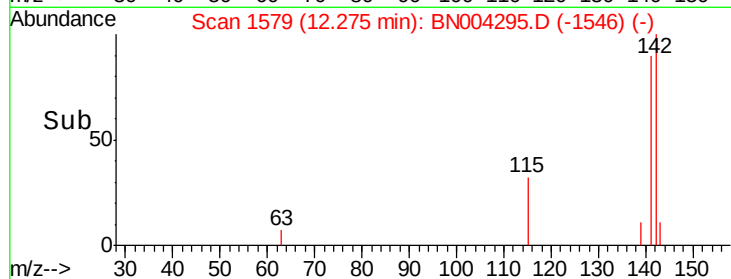
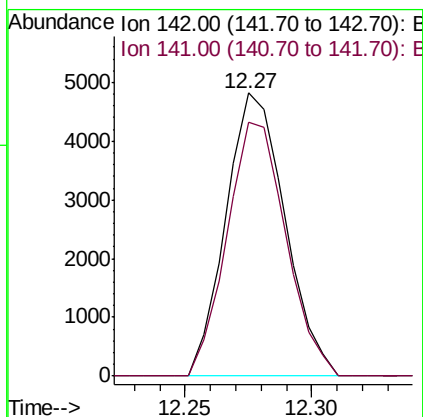
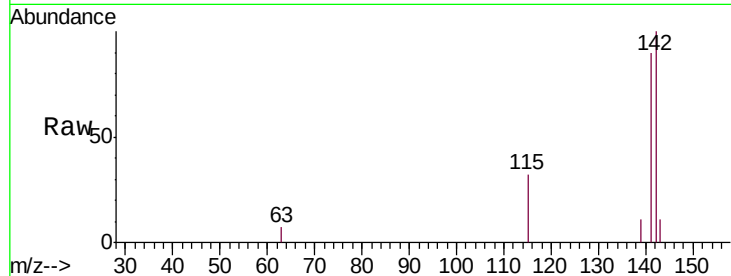




#34
2-Methylnaphthalene
Concen: 1.460 ng/ul
RT: 12.27 min Scan# 1579
Delta R.T. -0.01 min
Lab File: BN004295.D
Acq: 29 Dec 2018 11:28

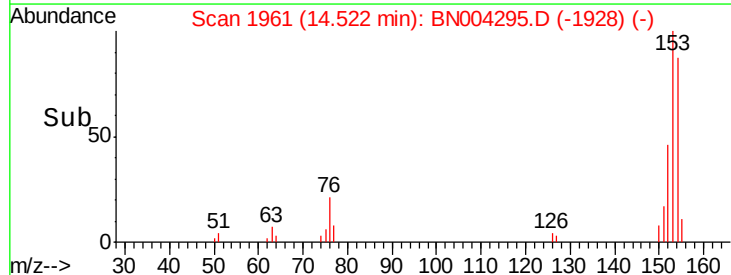
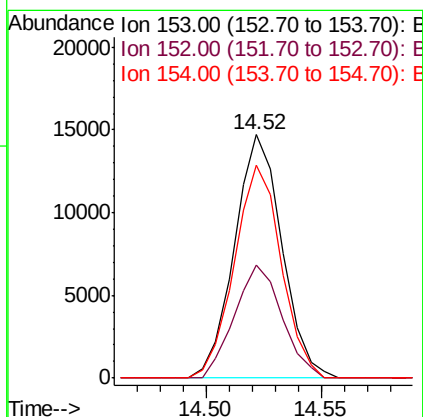
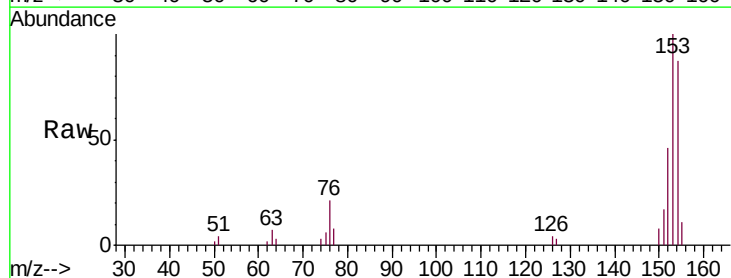
Instrument :
BNA_N
ClientSampled :
A41W5

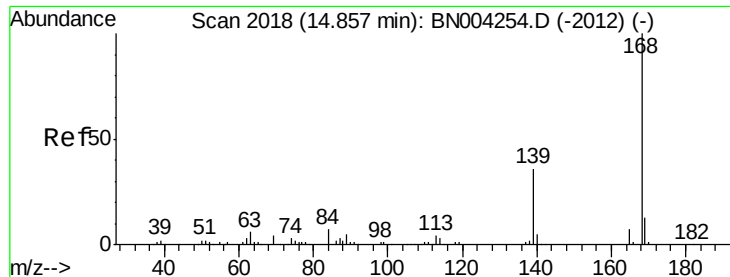
Tgt Ion:142 Resp: 7795
Ion Ratio Lower Upper
142 100
141 89.6 70.2 105.2



#49
Acenaphthene
Concen: 3.369 ng/ul
RT: 14.52 min Scan# 1961
Delta R.T. -0.01 min
Lab File: BN004295.D
Acq: 29 Dec 2018 11:28

Tgt Ion:153 Resp: 21095
Ion Ratio Lower Upper
153 100
152 46.4 37.8 56.6
154 87.3 71.0 106.6





#53

Dibenzenofuran

Concen: 3.790 ng/ul

RT: 14.86 min Scan# 2018

Delta R.T. -0.01 min

Lab File: BN004295.D

Acq: 29 Dec 2018 11:28

Instrument :

BNA_N

ClientSampleId :

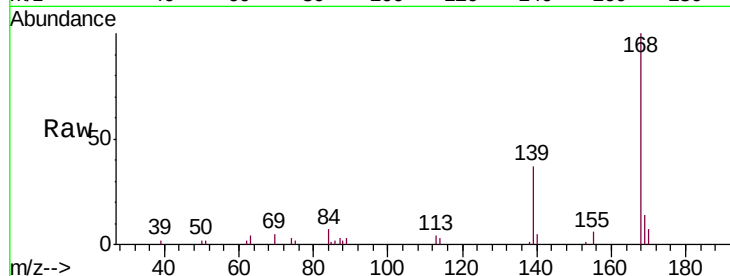
A41W5

Tgt Ion:168 Resp: 33680

Ion Ratio Lower Upper

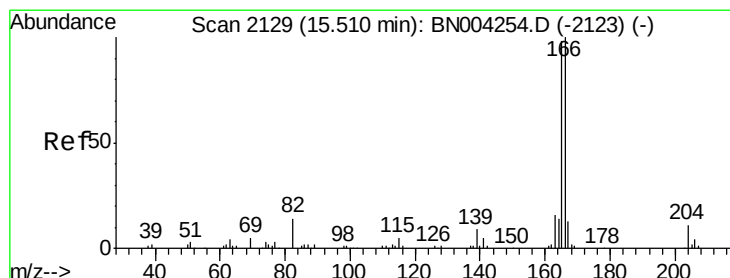
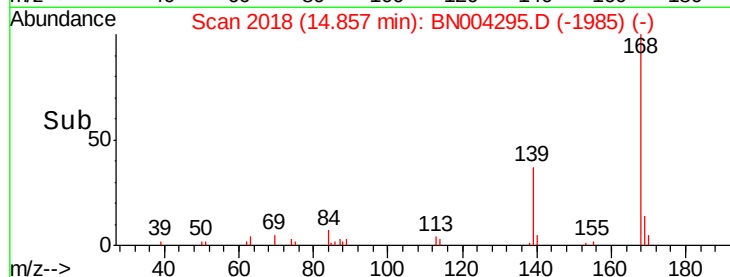
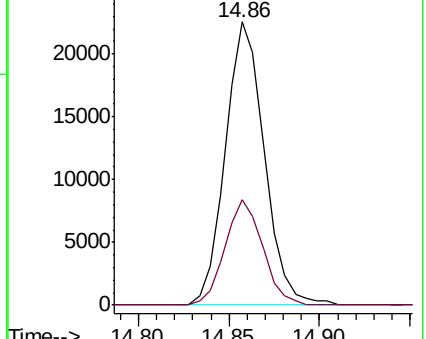
168 100

139 37.2 28.8 43.2



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E



#58

Fluorene

Concen: 4.890 ng/ul

RT: 15.51 min Scan# 2129

Delta R.T. 0.00 min

Lab File: BN004295.D

Acq: 29 Dec 2018 11:28

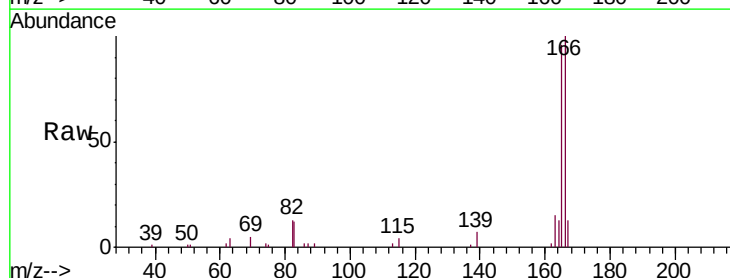
Tgt Ion:166 Resp: 36188

Ion Ratio Lower Upper

166 100

165 96.2 78.6 117.8

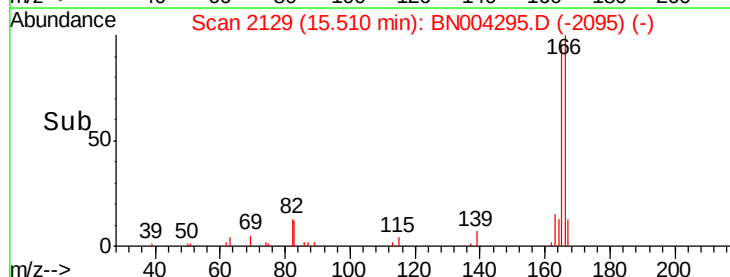
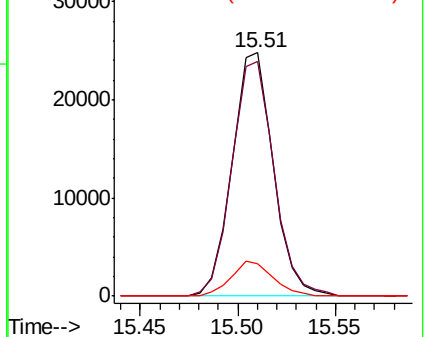
167 13.4 10.3 15.5

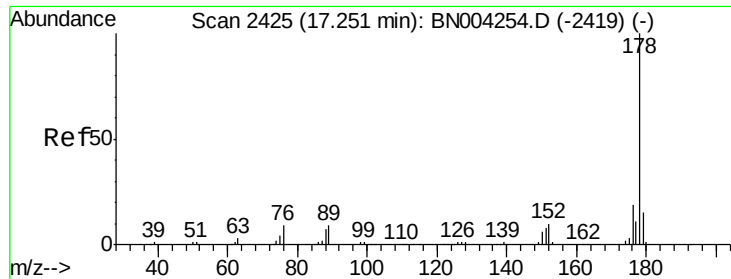


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#69

Phenanthrene

Concen: 55.501 ng/ul

RT: 17.25 min Scan# 2425

Delta R.T. 0.00 min

Lab File: BN004295.D

Acq: 29 Dec 2018 11:28

Instrument :

BNA_N

ClientSampleId :

A41W5

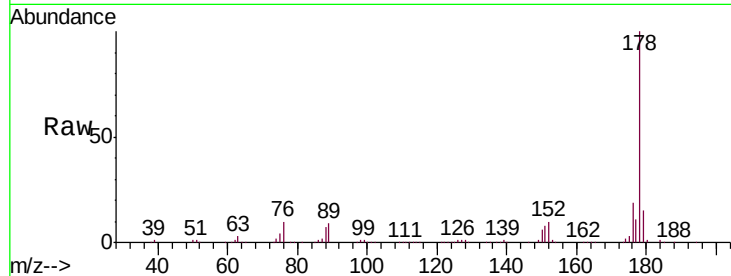
Tgt Ion:178 Resp: 636954

Ion Ratio Lower Upper

178 100

179 15.3 12.1 18.1

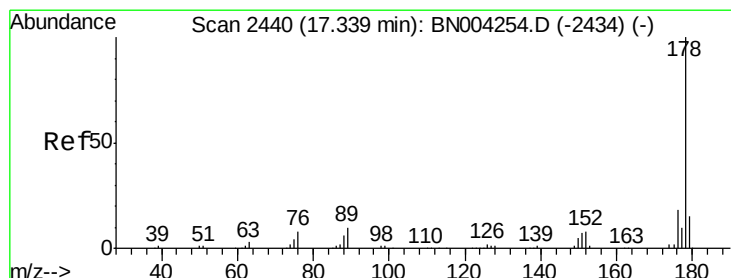
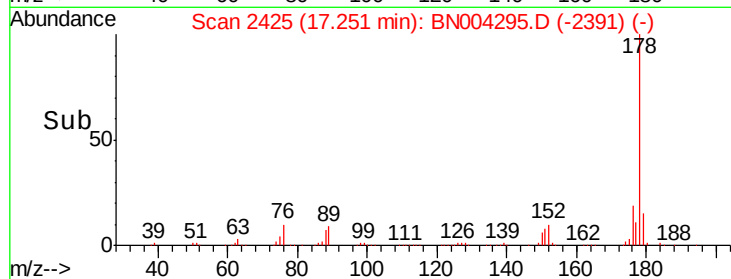
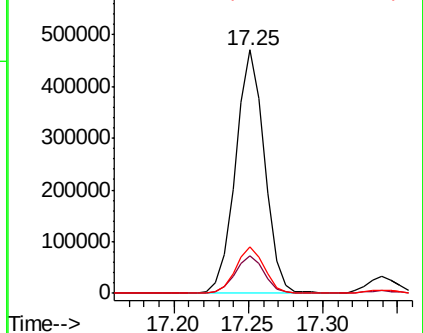
176 19.1 15.0 22.6



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#71

Anthracene

Concen: 3.638 ng/ul

RT: 17.34 min Scan# 2440

Delta R.T. -0.01 min

Lab File: BN004295.D

Acq: 29 Dec 2018 11:28

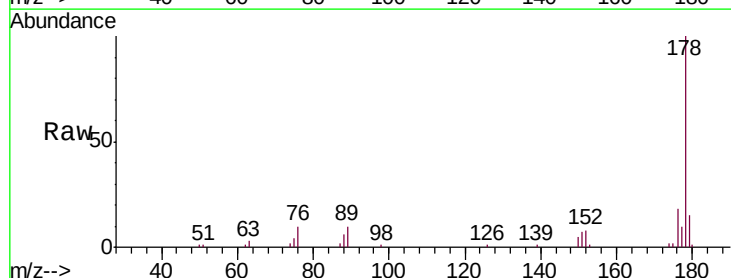
Tgt Ion:178 Resp: 42795

Ion Ratio Lower Upper

178 100

179 15.0 12.1 18.1

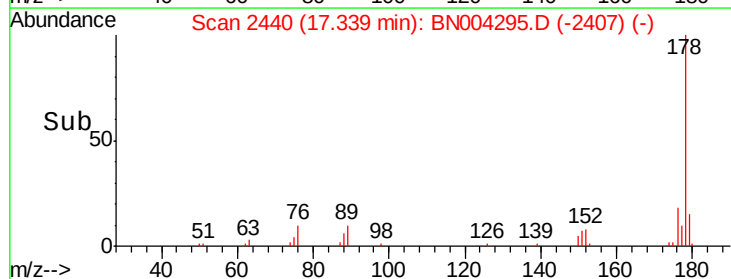
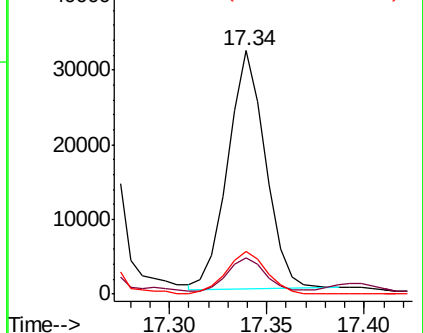
176 17.6 15.2 22.8

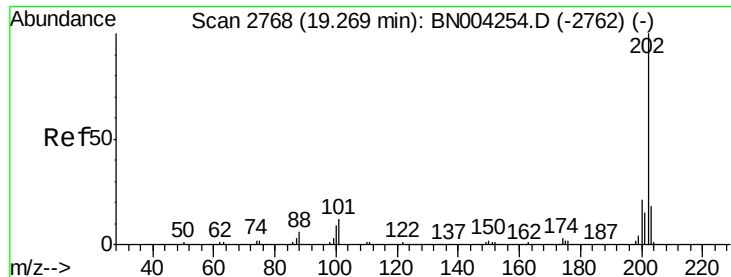


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E

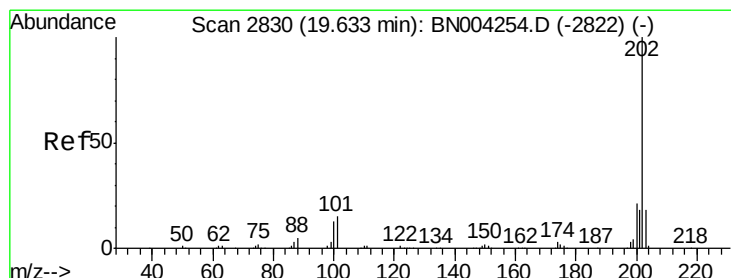
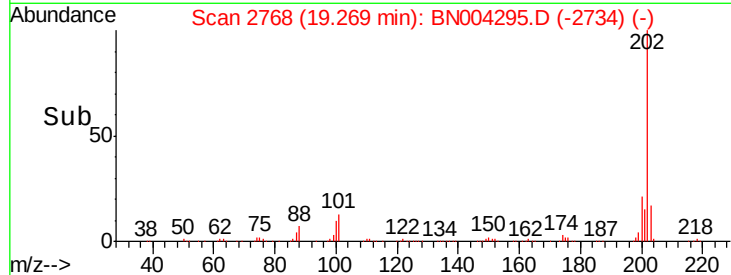
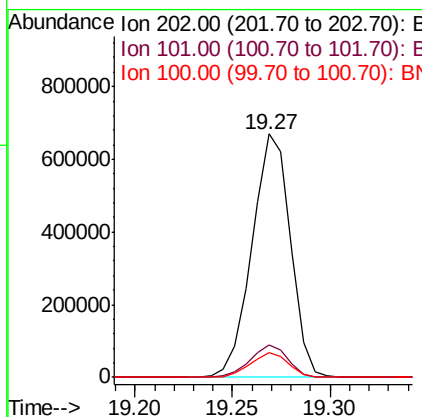
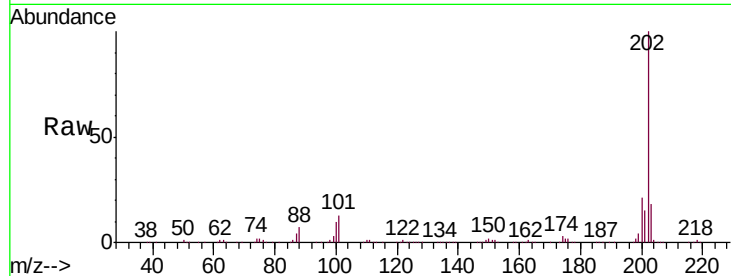




#76
Fluoranthene
Concen: 64.944 ng/ul
RT: 19.27 min Scan# 2768
Delta R.T. 0.00 min
Lab File: BN004295.D
Acq: 29 Dec 2018 11:28

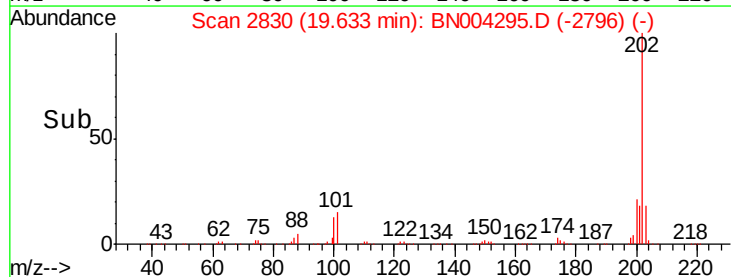
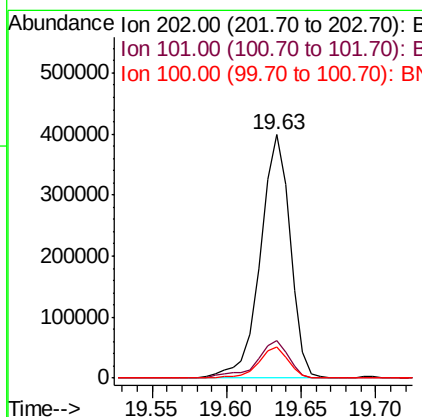
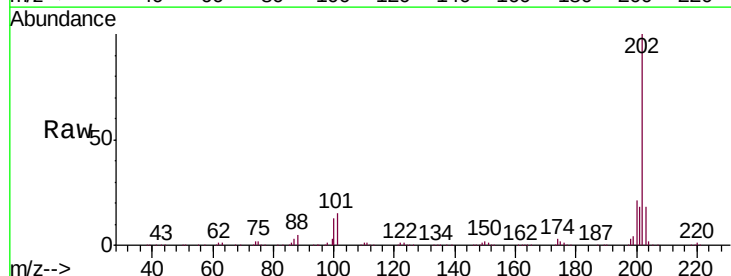
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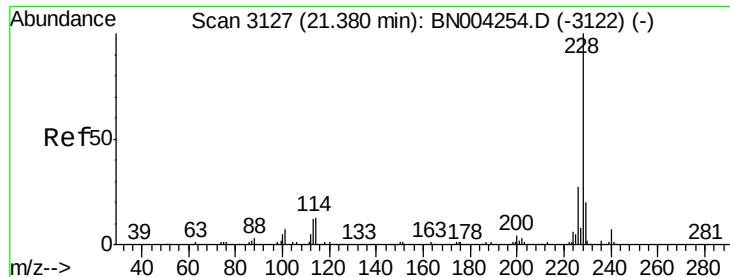
Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.3	10.2	15.2
100	10.2	7.8	11.8



#79
Pyrene
Concen: 44.089 ng/ul
RT: 19.63 min Scan# 2830
Delta R.T. 0.00 min
Lab File: BN004295.D
Acq: 29 Dec 2018 11:28

Tgt Ion	Ratio	Lower	Upper
202	100		
101	15.4	12.2	18.2
100	12.6	9.9	14.9

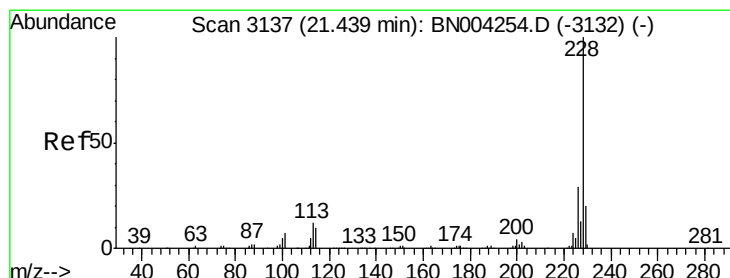
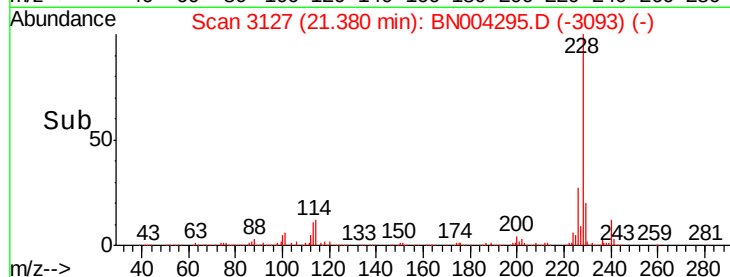
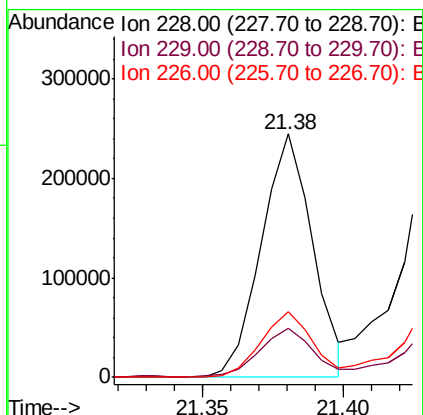
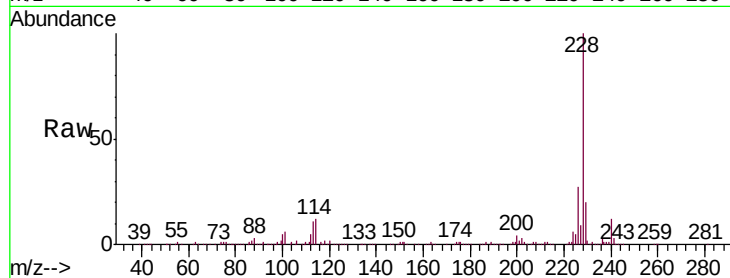




#82
Benzo(a)anthracene
Concen: 22.160 ng/ul
RT: 21.38 min Scan# 3127
Delta R.T. 0.00 min
Lab File: BN004295.D
Acq: 29 Dec 2018 11:28

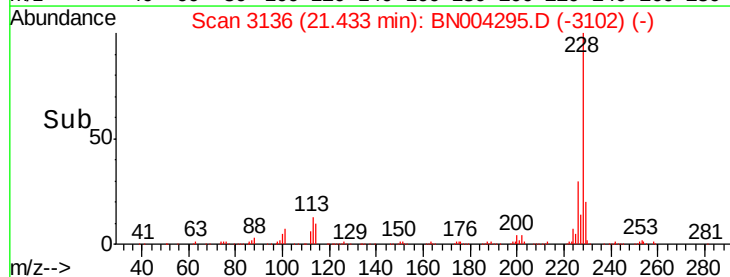
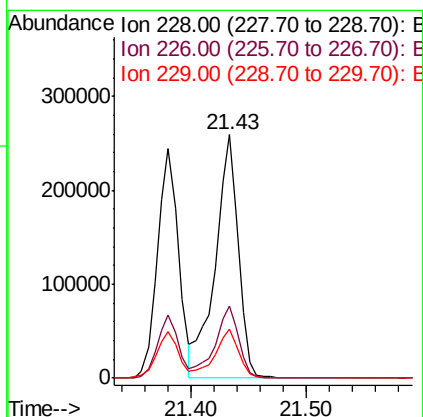
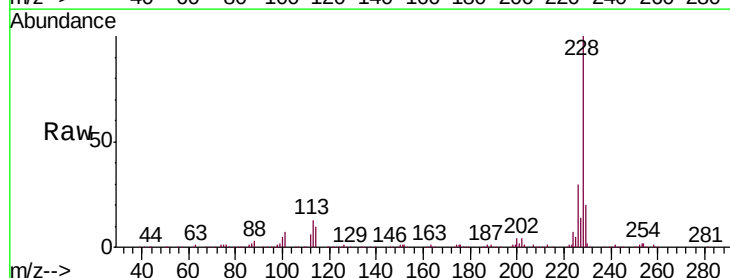
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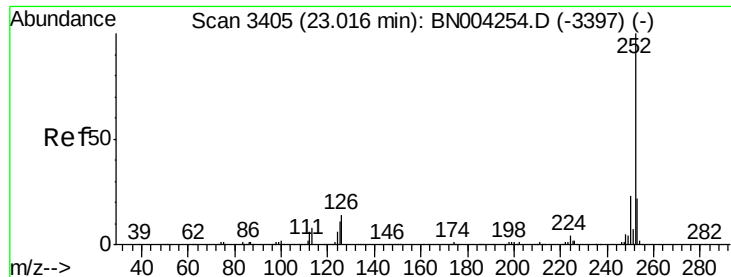
Tgt Ion:228 Resp: 308690
Ion Ratio Lower Upper
228 100
229 20.1 15.9 23.9
226 27.2 21.4 32.2



#84
Chrysene
Concen: 27.497 ng/ul
RT: 21.43 min Scan# 3136
Delta R.T. 0.00 min
Lab File: BN004295.D
Acq: 29 Dec 2018 11:28

Tgt Ion:228 Resp: 358780
Ion Ratio Lower Upper
228 100
226 29.5 23.8 35.8
229 19.9 15.8 23.6





#87

Benzo(b)fluoranthene

Concen: 19.050 ng/ul

RT: 23.02 min Scan# 3405

Delta R.T. 0.01 min

Lab File: BN004295.D

Acq: 29 Dec 2018 11:28

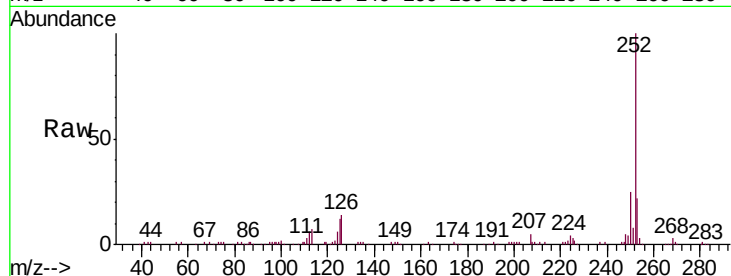
Instrument :

BNA_N

ClientSampled :

A41W5

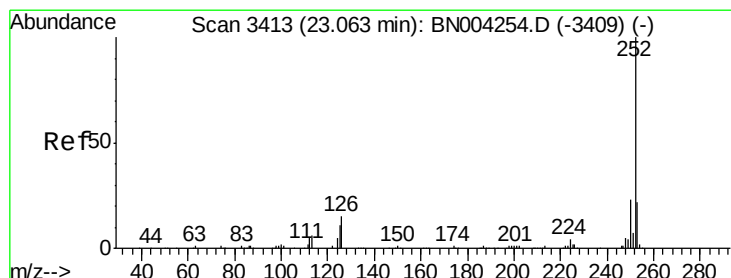
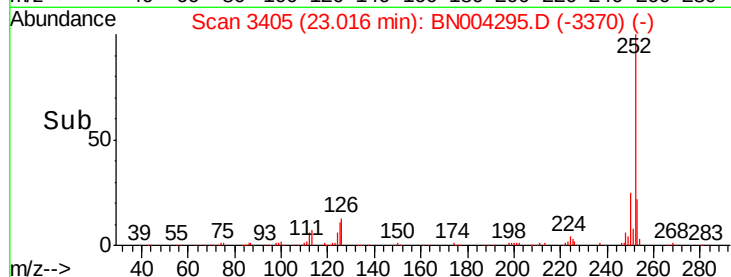
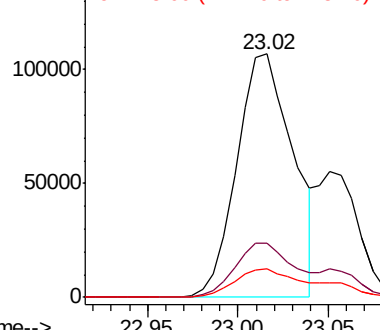
Tgt Ion:	252	Resp:	231797
Ion Ratio	Lower	Upper	
252	100		
253	22.5	17.3	25.9
125	11.7	8.2	12.4



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: 20.344 ng/ul

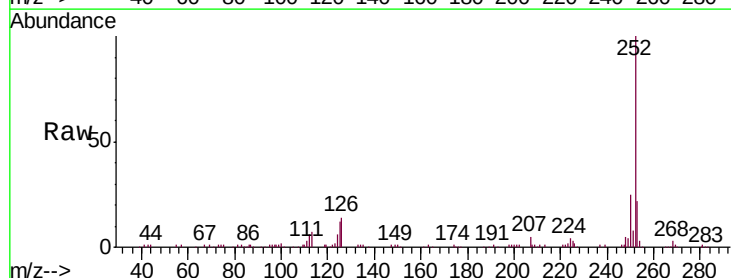
RT: 23.02 min Scan# 3405

Delta R.T. -0.04 min

Lab File: BN004295.D

Acq: 29 Dec 2018 11:28

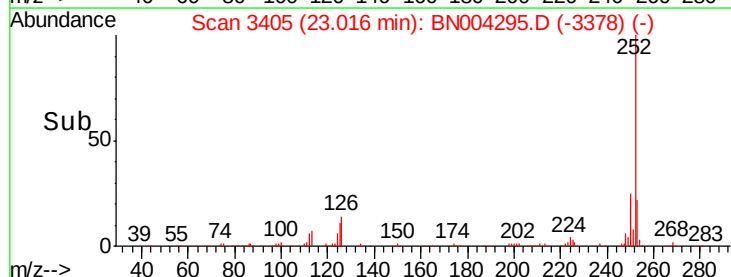
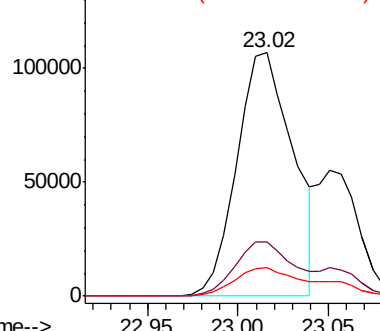
Tgt Ion:	252	Resp:	231797
Ion Ratio	Lower	Upper	
252	100		
253	22.5	17.1	25.7
125	11.7	7.9	11.9

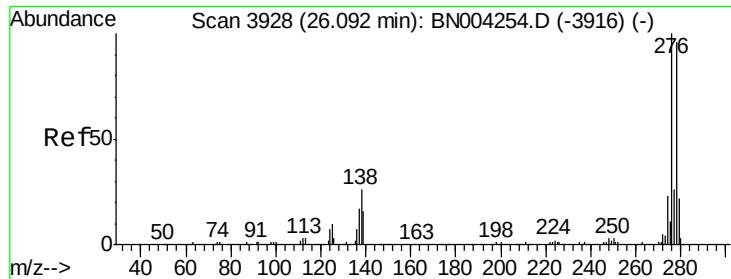


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#92

Dibenzo(a,h)anthracene

Concen: 1.219 ng/ul

RT: 26.07 min Scan# 3925

Delta R.T. -0.01 min

Lab File: BN004295.D

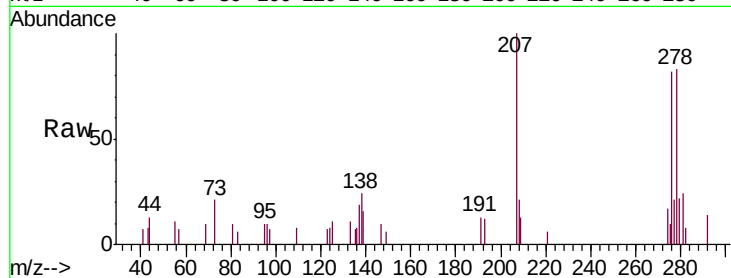
Acq: 29 Dec 2018 11:28

Instrument :

BNA_N

ClientSampleId :

A41W5



Tgt Ion: 278 Resp: 15476

Ion Ratio Lower Upper

278 100

139 19.9 13.3 19.9

279 27.2 19.0 28.6

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

