

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN122918\
 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

Manual Integrations
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Quant Time: Dec 31 00:04:23 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	0.00	176	0d	0.00	ng/ul	
62) 4,6-Dinitro-2-methylphenol	0.00	200	0	0.00	ng/ul	
70) Anthracene-d10	0.00	188	0d	0.00	ng/ul	
78) Pyrene-d10	0.00	212	0	0.00	ng/ul	
89) Benzo(a)pyrene-d12	0.00	264	0d	0.00	ng/ul	

Target Compounds

					Qvalue	
28) Naphthalene	10.66	128	22673	3.197	ng/ul	99
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	23.05	252	87596m	7.688	ng/ul	
92) Dibenzo(a,h)anthracene	26.07	278	15476	1.219	ng/ul	93

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

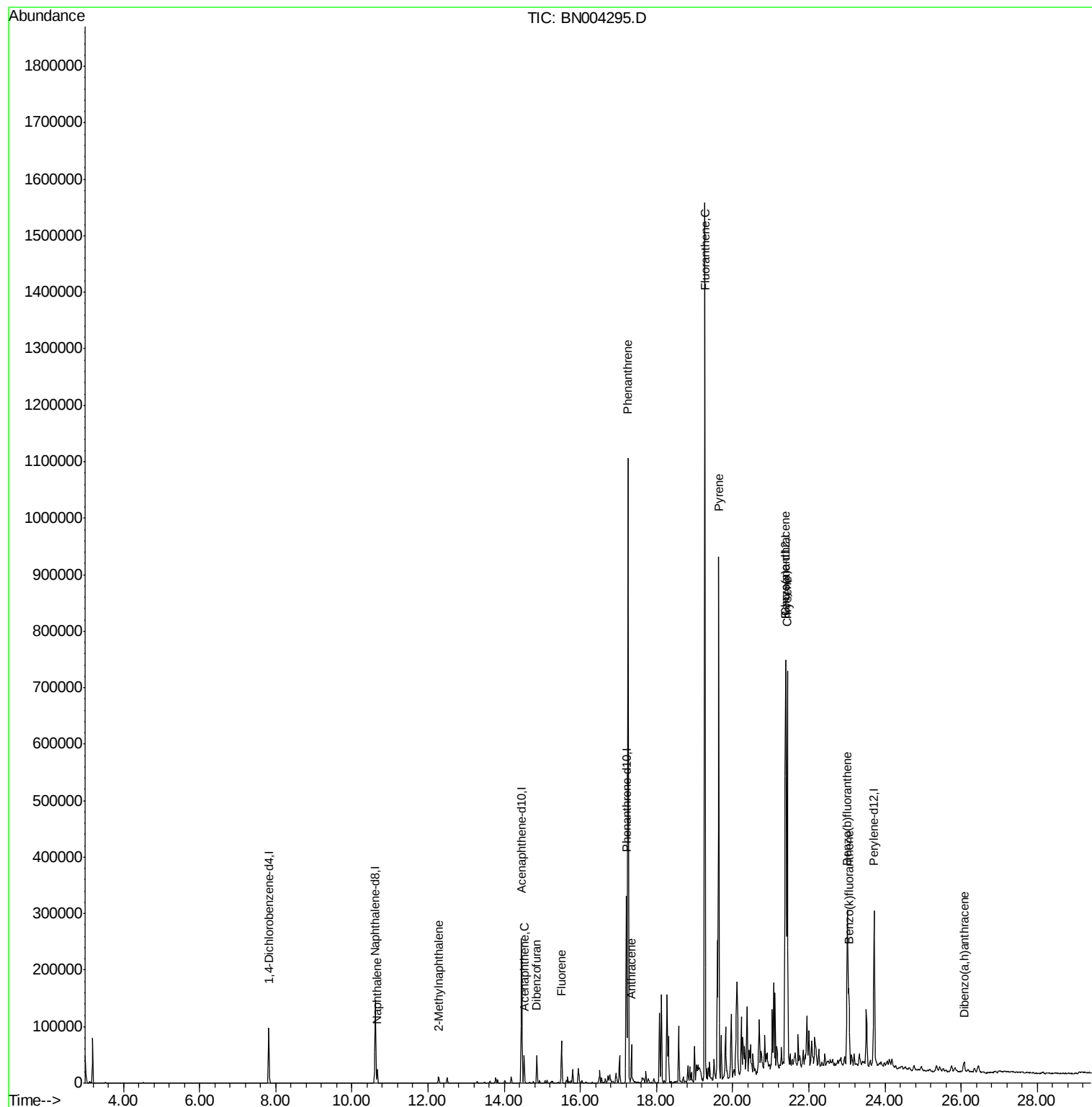
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN122918\
Data File : BN004295.D
Acq On : 29 Dec 2018 11:28
Operator : JU/SJ
Sample : J6428-12
Misc : GCMS Confirmation
ALS Vial : 31 Sample Multiplier: 1

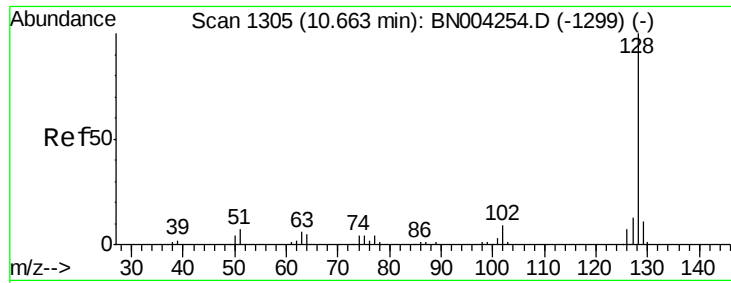
Instrument :
BNA_N
ClientSampleId :
A41W5

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Quant Time: Dec 31 00:04:23 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





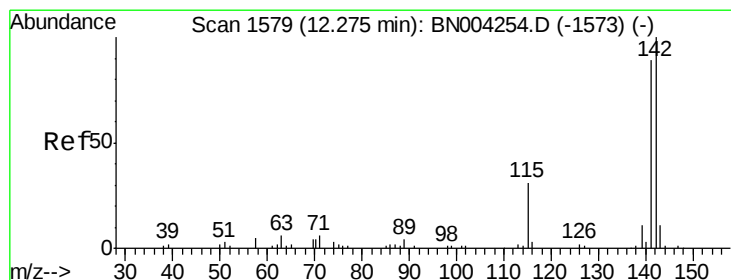
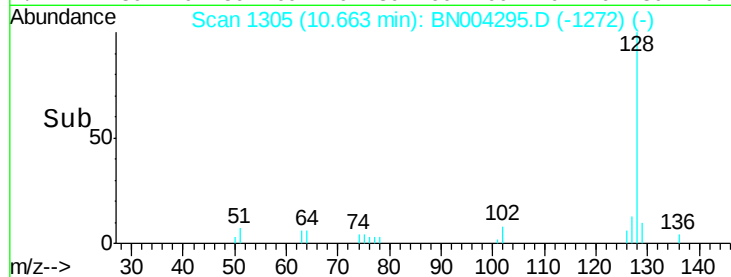
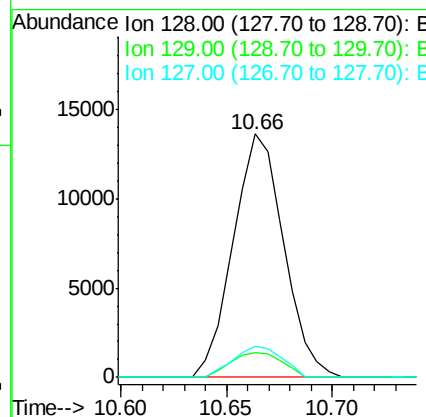
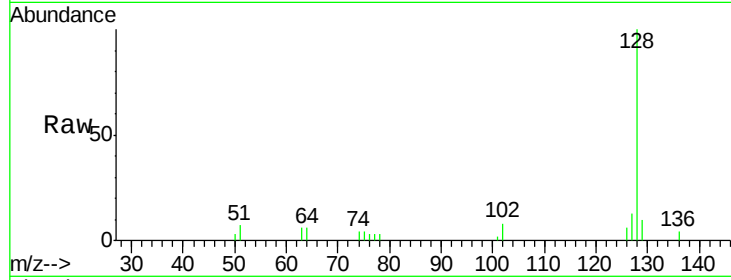
#28
Naphthalene
Concen: 3.197 ng/ul
RT: 10.66 min Scan# 1305
Delta R.T. -0.01 min
Lab File: BN004295.D
Acq: 29 Dec 2018 11:28

Instrument :
BNA_N
ClientSampleId :
A41W5

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

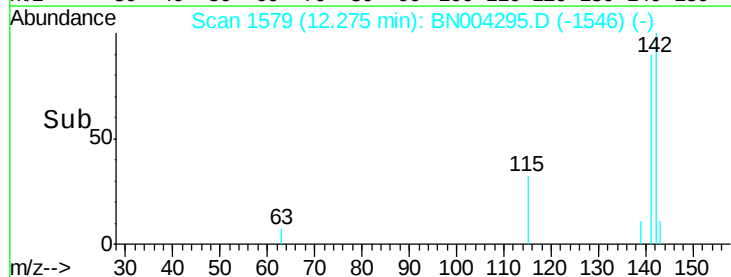
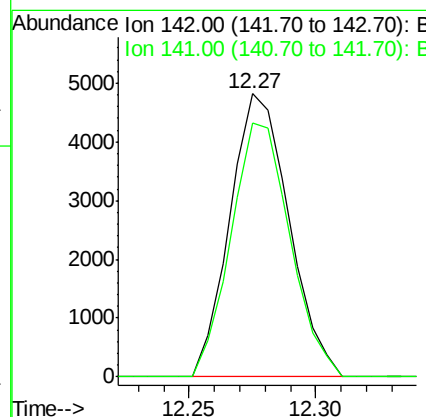
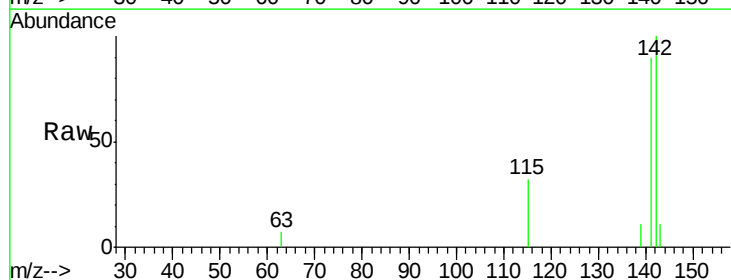
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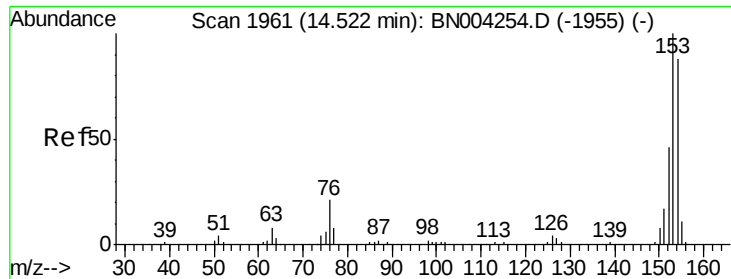
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#34
2-Methylnaphthalene
Concen: 1.460 ng/ul
RT: 12.27 min Scan# 1579
Delta R.T. -0.01 min
Lab File: BN004295.D
Acq: 29 Dec 2018 11:28

Tgt 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

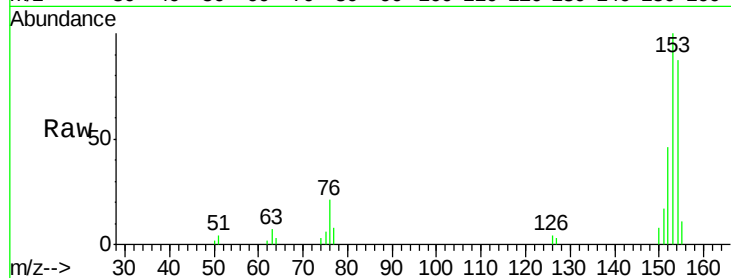
Acq: 29 Dec 2018 11:28

Instrument :

BNA_N

ClientSampleId :

A41W5



Tgt Ion:153 Resp: 21095

Ion Ratio Lower Upper

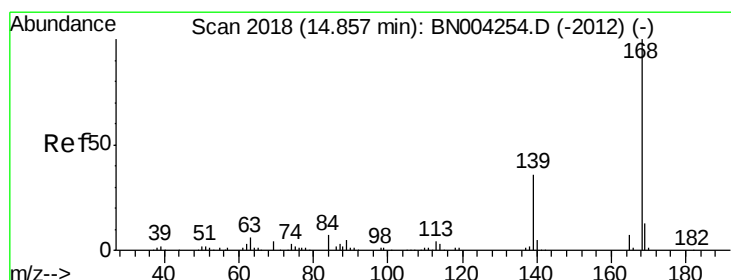
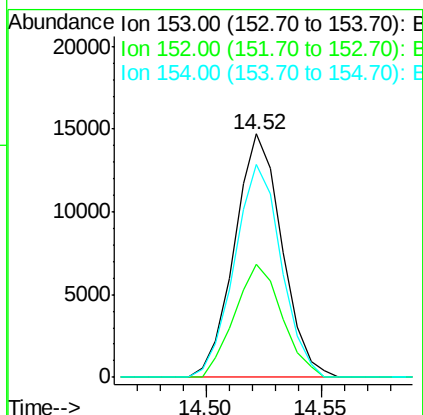
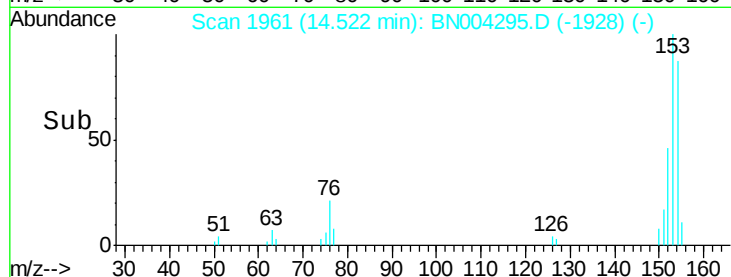
153 100

152 46.4 37.8 56.6

154 87.3 71.0 106.6

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#53

Dibenzofuran

Concen: 3.790 ng/ul

RT: 14.86 min Scan# 2018

Delta R.T. -0.01 min

Lab File: BN004295.D

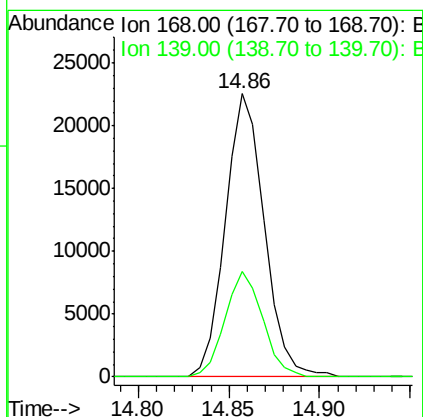
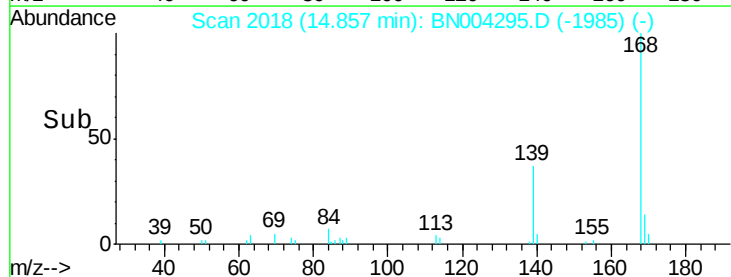
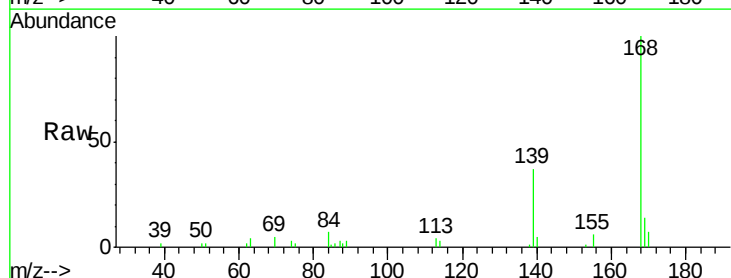
Acq: 29 Dec 2018 11:28

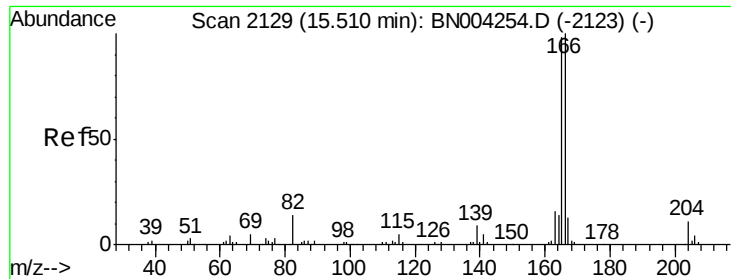
Tgt Ion:168 Resp: 33680

Ion Ratio Lower Upper

168 100

139 37.2 28.8 43.2





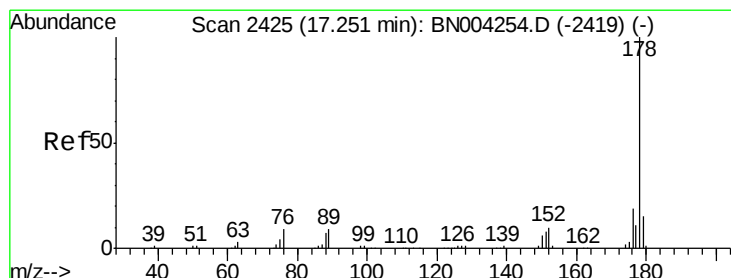
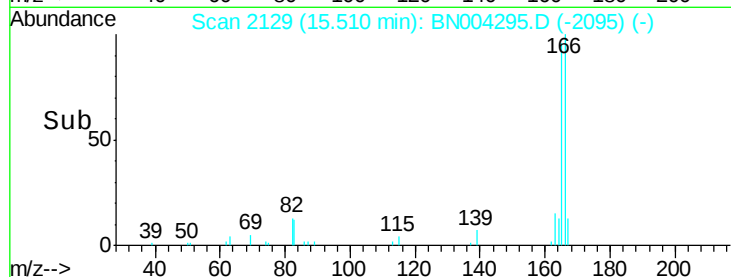
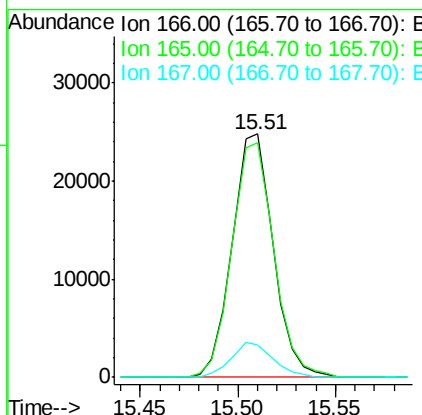
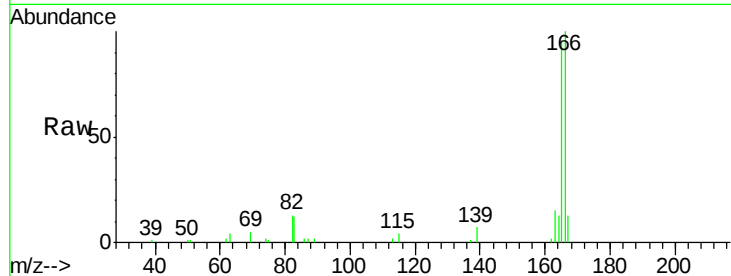
#58
 Fluorene
 Concen: 4.890 ng/ul
 RT: 15.51 min Scan# 2129
 Delta R.T. 0.00 min
 Lab File: BN004295.D
 Acq: 29 Dec 2018 11:28

Instrument :
 BNA_N
 ClientSampleId :
 A41W5

Tgt Ion	Ratio	Lower	Upper
166	100		
165	96.2	78.6	117.8
167	13.4	10.3	15.5

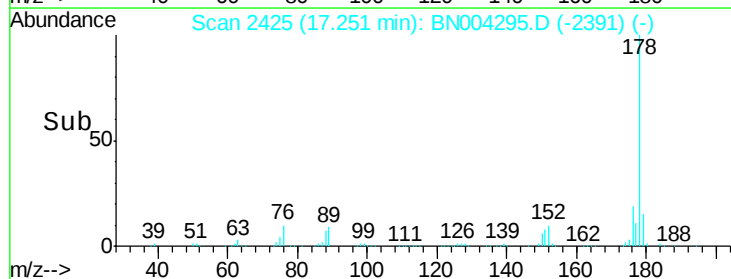
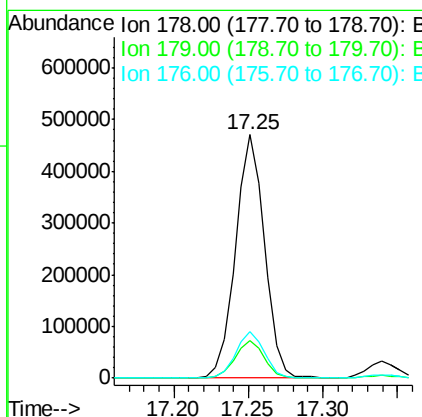
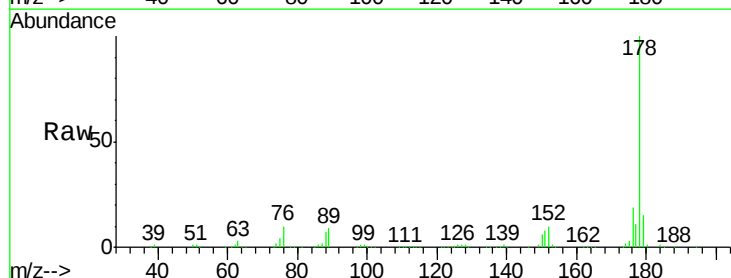
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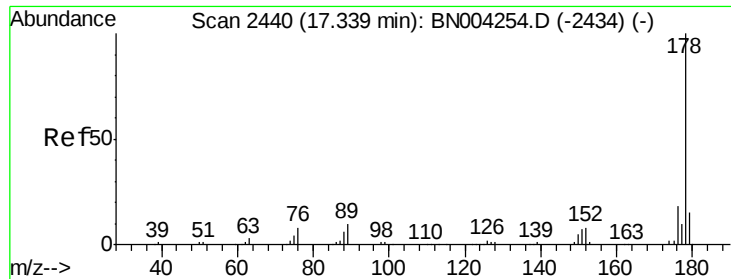
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#69
 Phenanthrene
 Concen: 55.501 ng/ul
 RT: 17.25 min Scan# 2425
 Delta R.T. 0.00 min
 Lab File: BN004295.D
 Acq: 29 Dec 2018 11:28

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.3	12.1	18.1
176	19.1	15.0	22.6





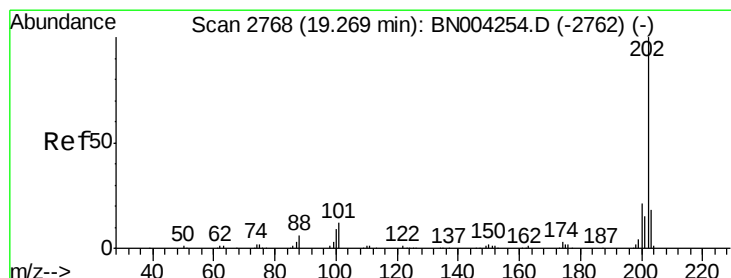
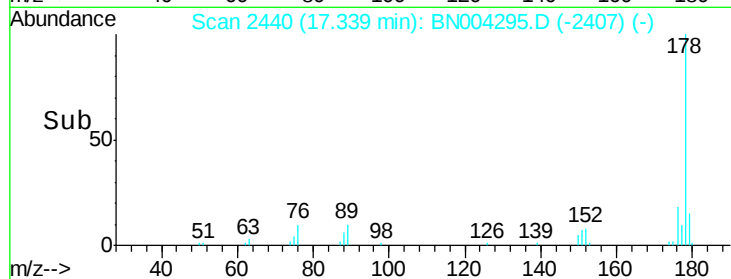
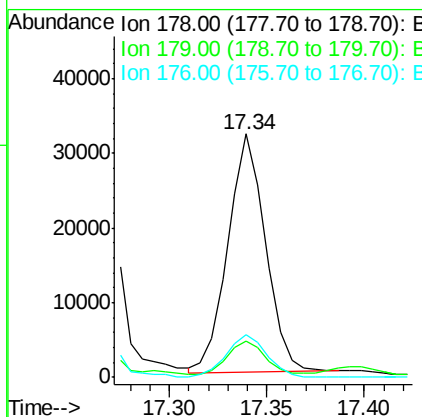
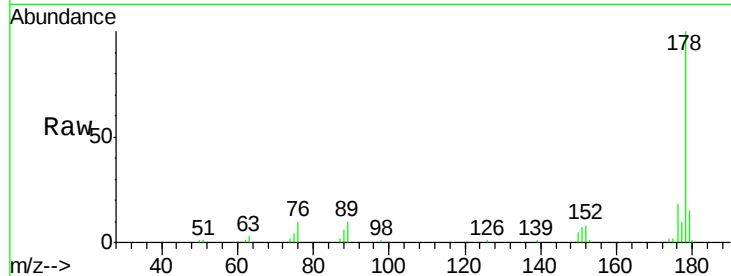
#71
 Anthracene
 Concen: 3.638 ng/ul
 RT: 17.34 min Scan# 2440
 Delta R.T. -0.01 min
 Lab File: BN004295.D
 Acq: 29 Dec 2018 11:28

Instrument :
 BNA_N
 ClientSampleId :
 A41W5

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	42795		
179	15.0		12.1	18.1
176	17.6		15.2	22.8

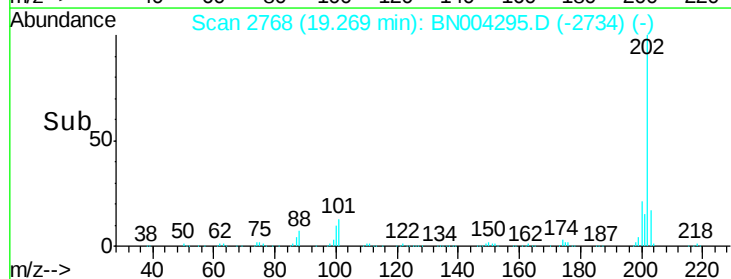
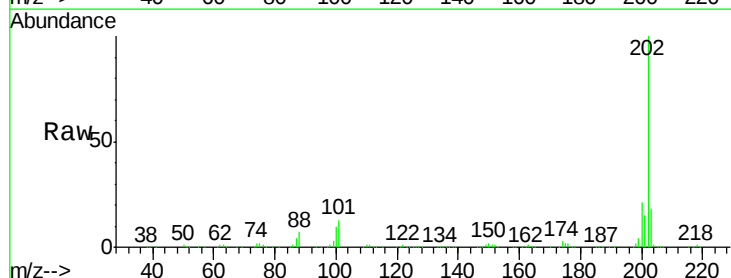
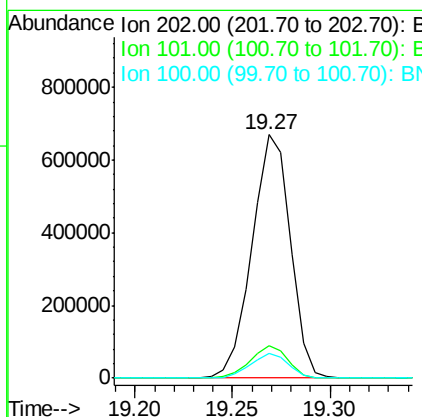
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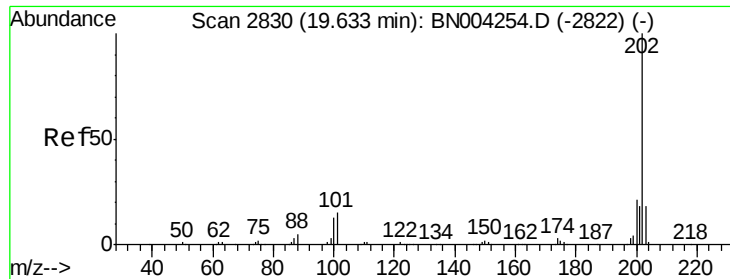
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#76
 Fluoranthene
 Concen: 64.944 ng/ul
 RT: 19.27 min Scan# 2768
 Delta R.T. 0.00 min
 Lab File: BN004295.D
 Acq: 29 Dec 2018 11:28

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	913580		
101	13.3		10.2	15.2
100	10.2		7.8	11.8





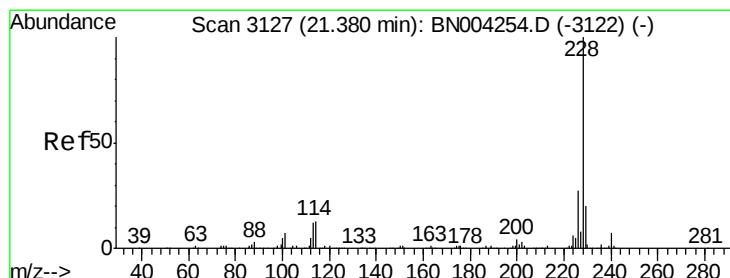
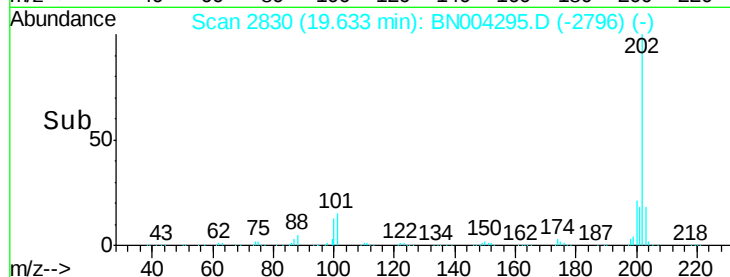
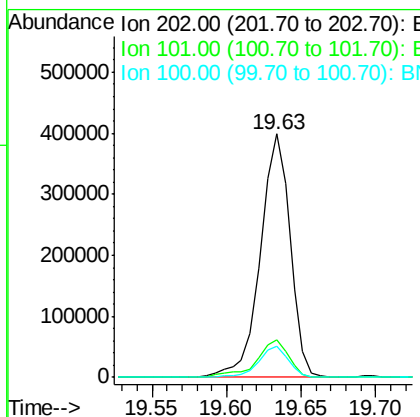
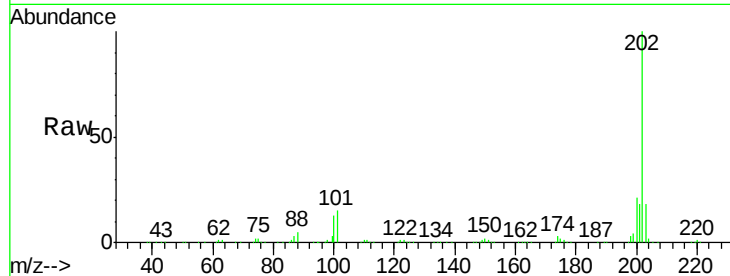
#79
 Pyrene
 Concen: 44.089 ng/ul
 RT: 19.63 min Scan# 2830
 Delta R.T. 0.00 min
 Lab File: BN004295.D
 Acq: 29 Dec 2018 11:28

Instrument :
 BNA_N
 ClientSampled :
 A41W5

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

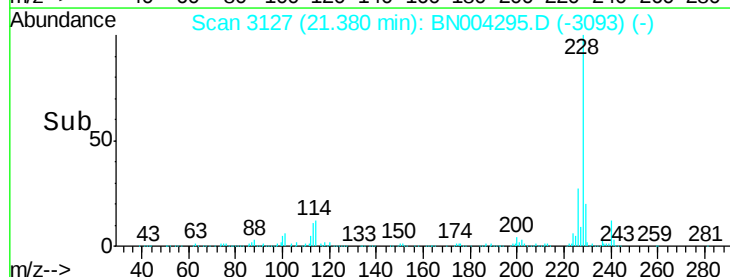
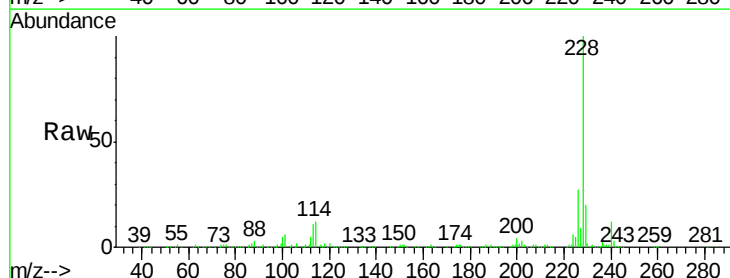
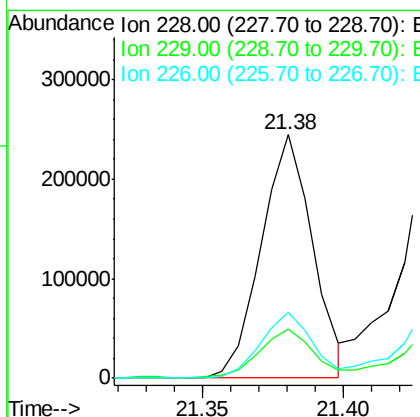
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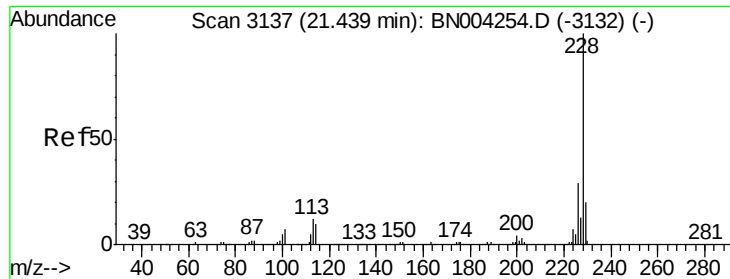
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#82
 Benzo(a)anthracene
 Concen: 22.160 ng/ul
 RT: 21.38 min Scan# 3127
 Delta R.T. 0.00 min
 Lab File: BN004295.D
 Acq: 29 Dec 2018 11:28

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





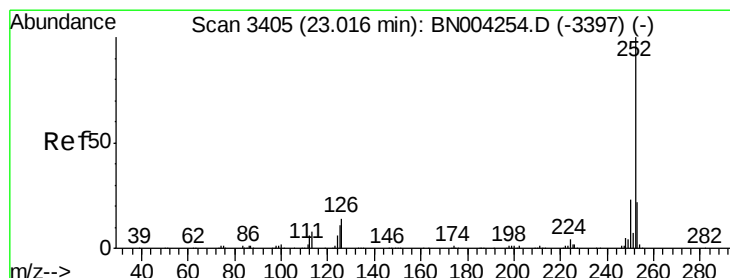
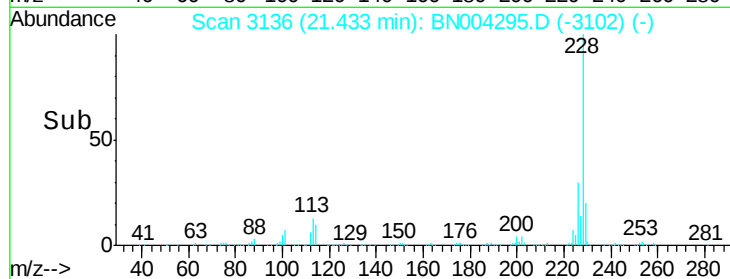
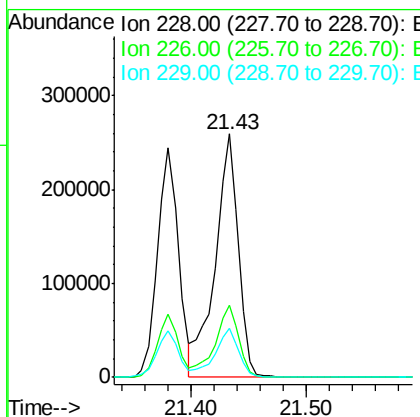
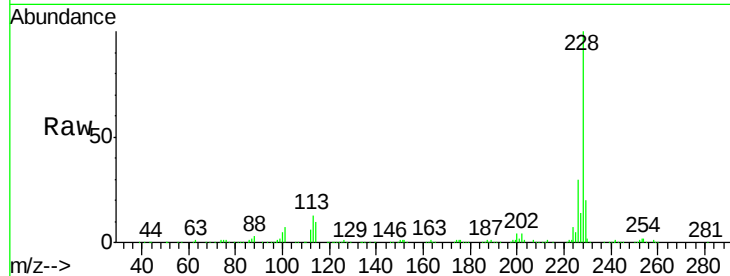
#84
Chrysene
Concen: 27.497 ng/ul
RT: 21.43 min Scan# 3136
Delta R.T. 0.00 min
Lab File: BN004295.D
Acq: 29 Dec 2018 11:28

Instrument :
BNA_N
ClientSampleId :
A41W5

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

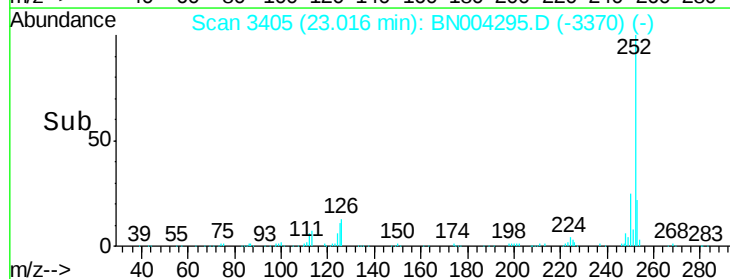
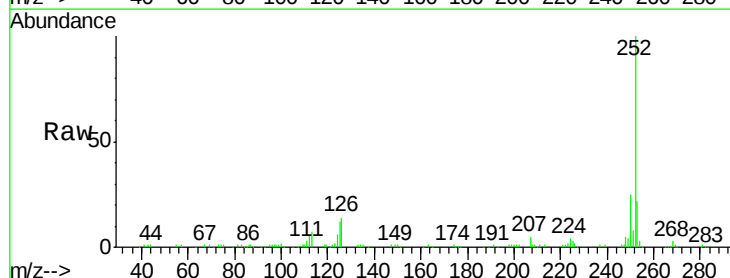
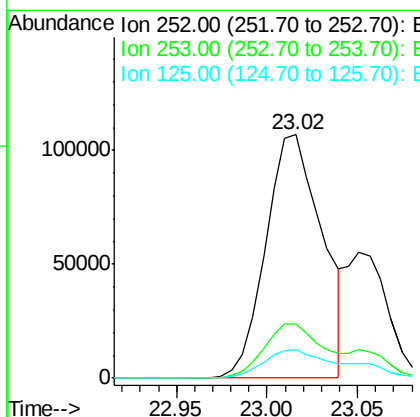
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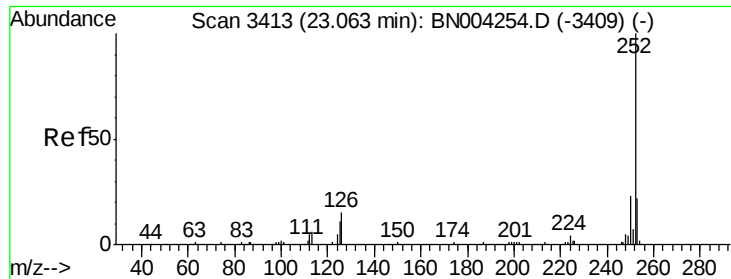
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#87
Benzo(b)fluoranthene
Concen: 19.050 ng/ul
RT: 23.02 min Scan# 3405
Delta R.T. 0.01 min
Lab File: BN004295.D
Acq: 29 Dec 2018 11:28

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





#88

Benzo(k)fluoranthene

Concen: 7.688 ng/ul m

RT: 23.05 min Scan# 3411

Delta R.T. -0.01 min

Lab File: BN004295.D

Acq: 29 Dec 2018 11:28

Instrument :

BNA_N

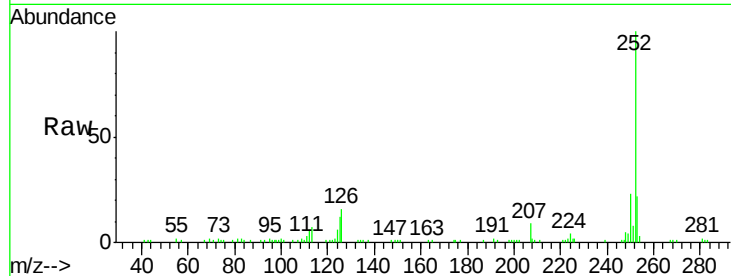
ClientSampled :

A41W5

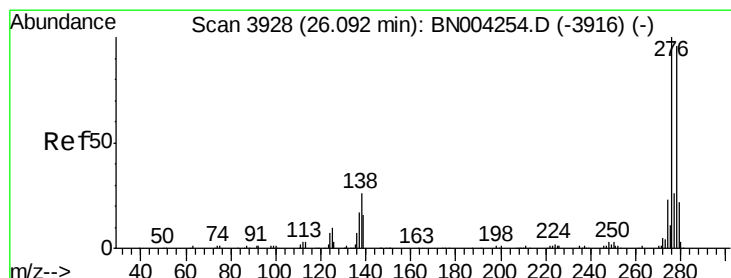
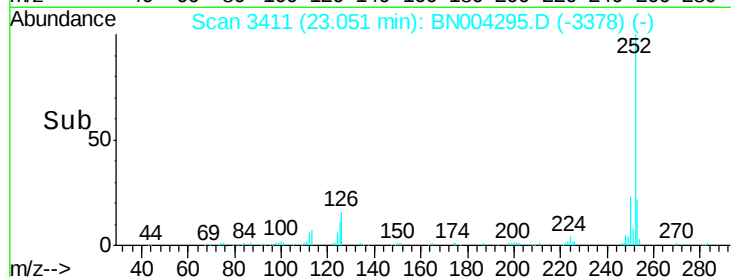
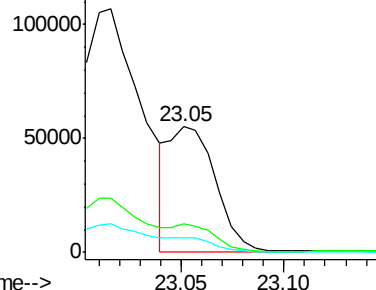
Tgt Ion:	252	Resp:	87596
Ion Ratio	Lower	Upper	
252	100		
253	22.5	17.1	25.7
125	11.8	7.9	11.9

Manual Integrations
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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



#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

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

