

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN122918\
 Data File : BN004297.D
 Acq On : 29 Dec 2018 12:39
 Operator : JU/SJ
 Sample : J6428-14
 Misc : GCMS Confirmation
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A41W7

Manual Integrations
 APPROVED

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Quant Time: Dec 31 00:58:30 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	30289	20.00	ng/ul	0.00
18) Naphthalene-d8	10.62	136	143801	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.46	164	97031	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.21	188	218005	20.00	ng/ul	0.00
77) Chrysene-d12	21.40	240	236651	20.00	ng/ul	0.00
85) Perylene-d12	23.72	264	225049	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	64420	8.350 ng/ul	100
34) 2-Methylnaphthalene	12.27	142	25946	4.465 ng/ul	99
40) 1,1'-Biphenyl	13.29	154	11162	1.415 ng/ul	99
49) Acenaphthene	14.52	153	53352	7.653 ng/ul	99
53) Dibenzofuran	14.86	168	117593	11.884 ng/ul	99
58) Fluorene	15.51	166	98688	11.978 ng/ul	99
69) Phenanthrene	17.26	178	1548923	122.969 ng/ul	99
71) Anthracene	17.34	178	111706	8.651 ng/ul	99
76) Fluoranthene	19.27	202	1508976	97.735 ng/ul	99
79) Pyrene	19.63	202	843369	63.790 ng/ul	99
82) Benzo(a)anthracene	21.38	228	473892	32.113 ng/ul	100
84) Chrysene	21.43	228	505838	36.596 ng/ul	99
87) Benzo(b)fluoranthene	23.02	252	247682	18.373 ng/ul	98
88) Benzo(k)fluoranthene	23.06	252	97706m	7.740 ng/ul	
92) Dibenzo(a,h)anthracene	26.08	278	16251	1.155 ng/ul	96

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

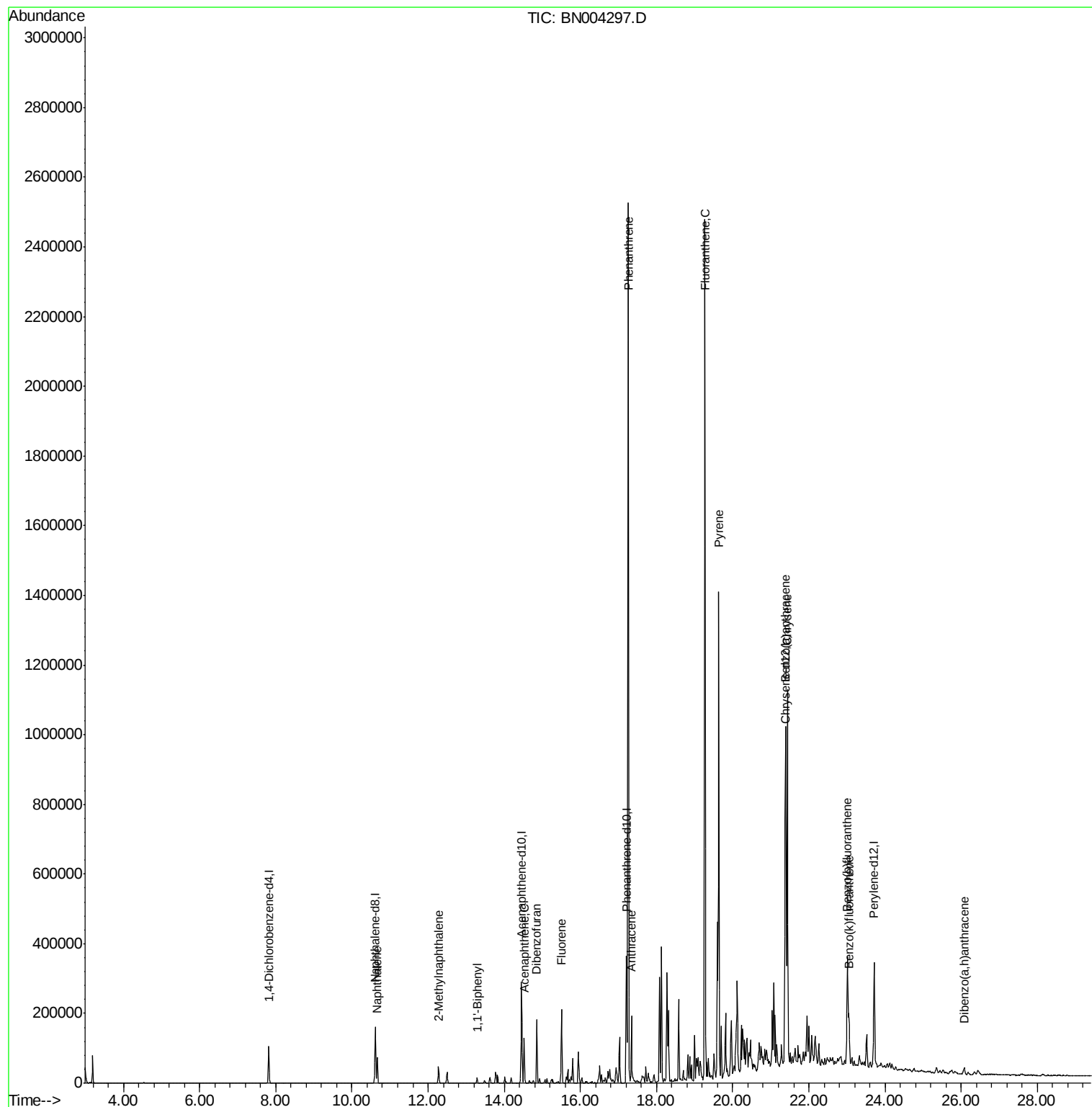
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN122918\
Data File : BN004297.D
Acq On : 29 Dec 2018 12:39
Operator : JU/SJ
Sample : J6428-14
Misc : GCMS Confirmation
ALS Vial : 33 Sample Multiplier: 1

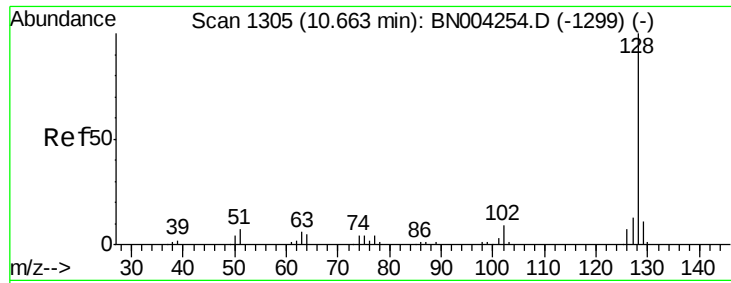
Instrument :
BNA_N
ClientSampleId :
A41W7

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Quant Time: Dec 31 00:58:30 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





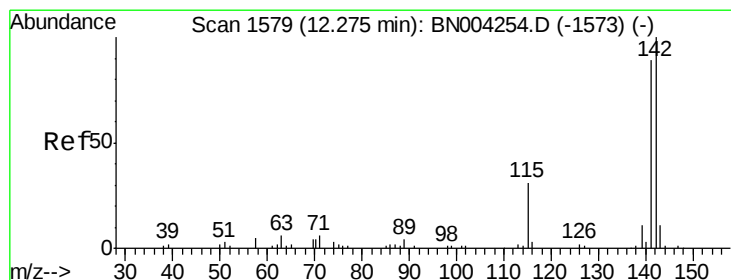
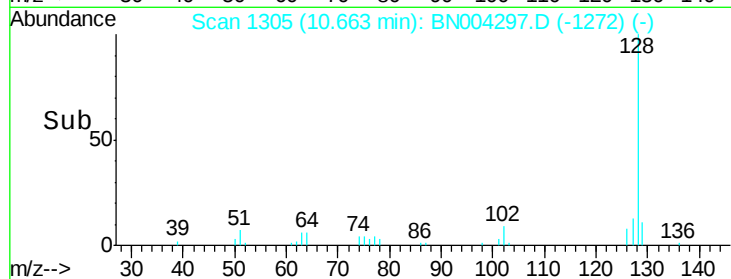
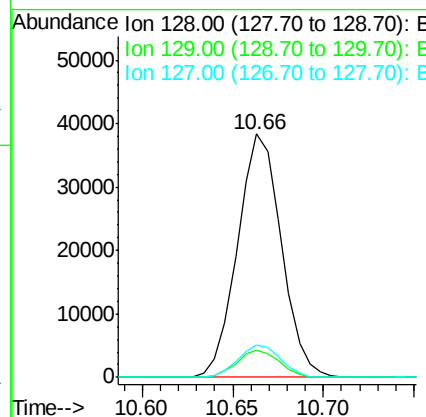
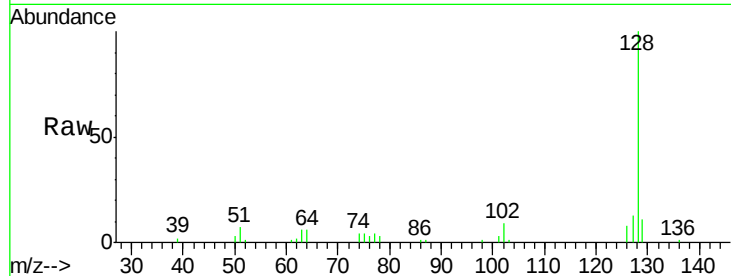
#28
Naphthalene
Concen: 8.350 ng/ul
RT: 10.66 min Scan# 1305
Delta R.T. -0.01 min
Lab File: BN004297.D
Acq: 29 Dec 2018 12:39

Instrument :
BNA_N
ClientSampled :
A41W7

Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.6	12.8
127	13.3	10.6	16.0

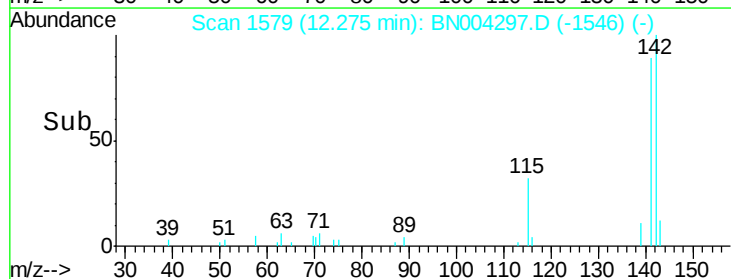
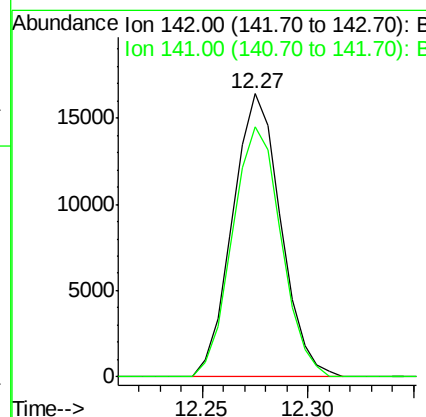
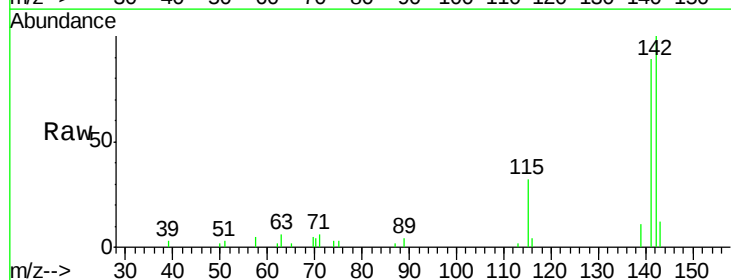
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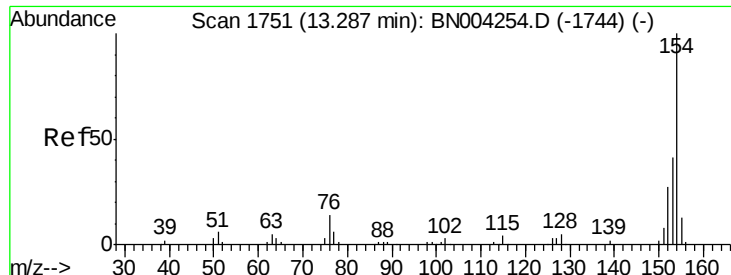
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#34
2-Methylnaphthalene
Concen: 4.465 ng/ul
RT: 12.27 min Scan# 1579
Delta R.T. -0.01 min
Lab File: BN004297.D
Acq: 29 Dec 2018 12:39

Tgt Ion	Ratio	Lower	Upper
142	100		
141	88.6	70.2	105.2





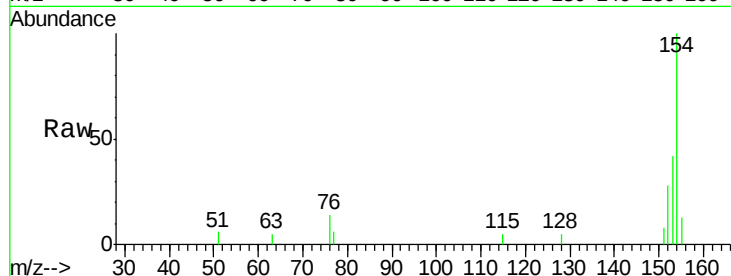
#40
 1,1'-Biphenyl
 Concen: 1.415 ng/ul
 RT: 13.29 min Scan# 1751
 Delta R.T. -0.01 min
 Lab File: BN004297.D
 Acq: 29 Dec 2018 12:39

Instrument :
 BNA_N
 ClientSampled :
 A41W7

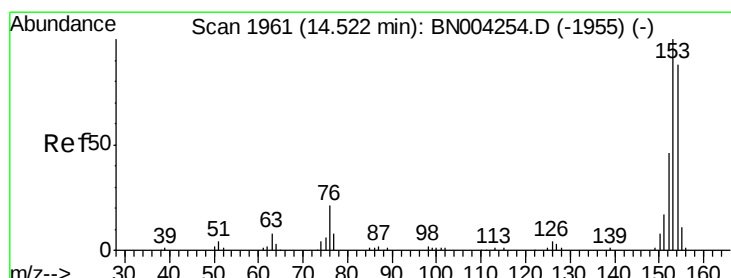
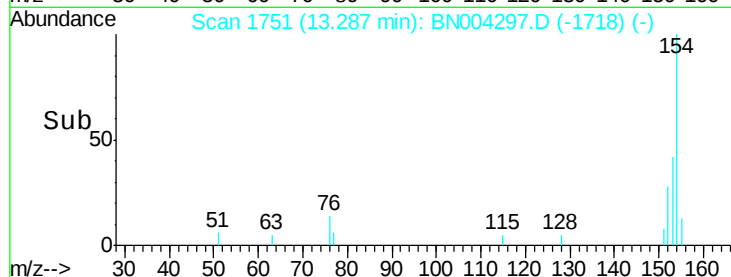
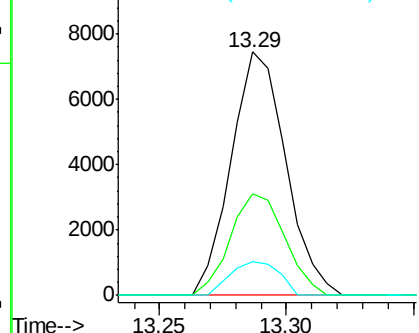
Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.8	33.1	49.7
76	14.0	10.6	16.0

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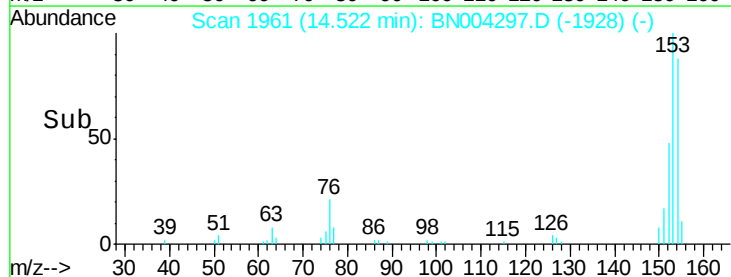
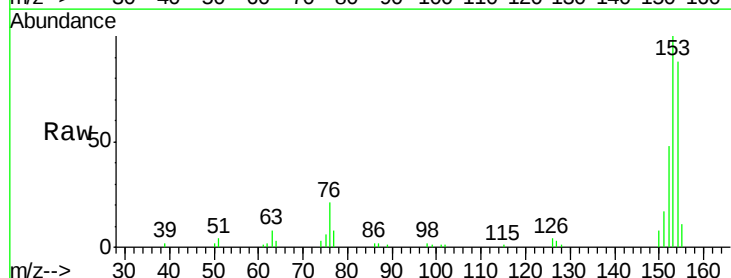
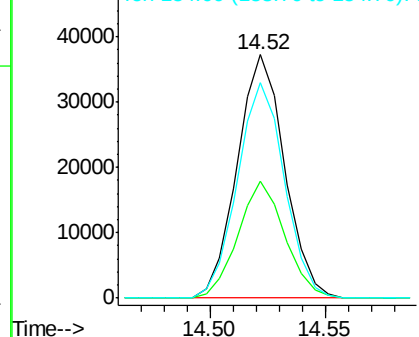
Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BNC

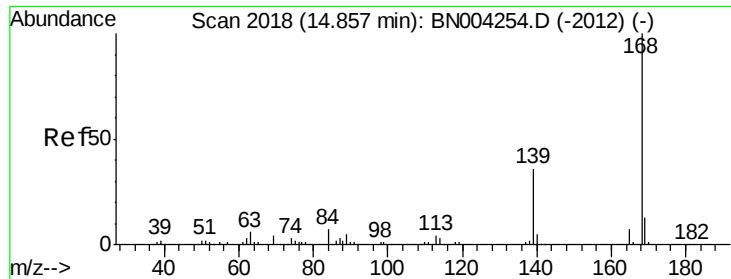


#49
 Acenaphthene
 Concen: 7.653 ng/ul
 RT: 14.52 min Scan# 1961
 Delta R.T. -0.01 min
 Lab File: BN004297.D
 Acq: 29 Dec 2018 12:39

Tgt Ion	Ratio	Lower	Upper
153	100		
152	47.8	37.8	56.6
154	88.4	71.0	106.6

Abundance Ion 153.00 (152.70 to 153.70): E
 Ion 152.00 (151.70 to 152.70): E
 Ion 154.00 (153.70 to 154.70): E





#53

Dibenzenofuran

Concen: 11.884 ng/ul

RT: 14.86 min Scan# 2018

Delta R.T. -0.01 min

Lab File: BN004297.D

Acq: 29 Dec 2018 12:39

Instrument :

BNA_N

ClientSampleId :

A41W7

Tgt Ion:168 Resp: 117593

Ion Ratio Lower Upper

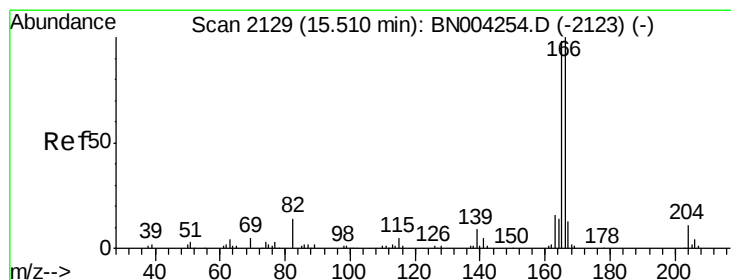
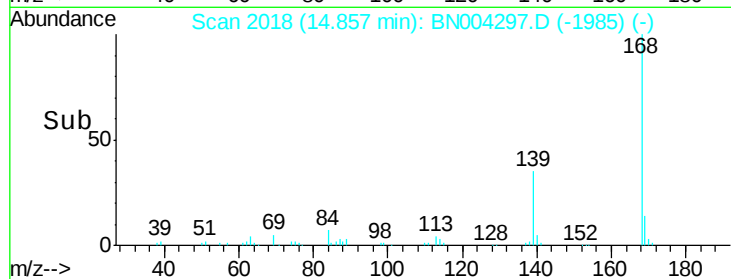
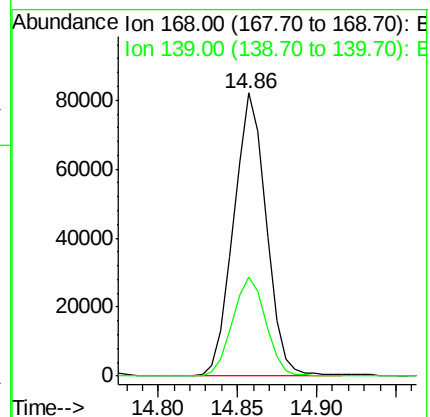
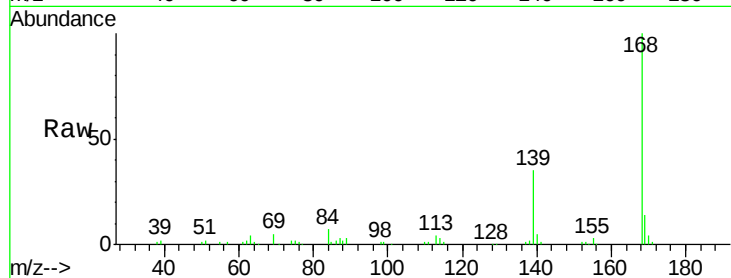
168 100

139 35.1 28.8 43.2

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#58

Fluorene

Concen: 11.978 ng/ul

RT: 15.51 min Scan# 2129

Delta R.T. -0.00 min

Lab File: BN004297.D

Acq: 29 Dec 2018 12:39

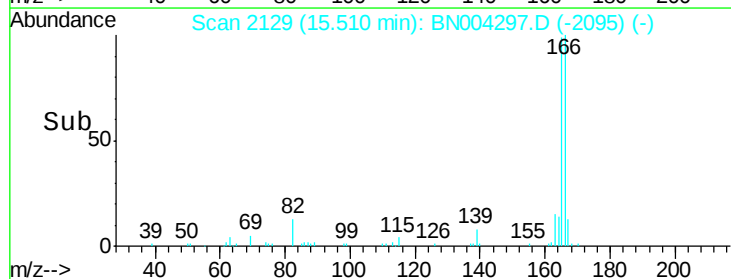
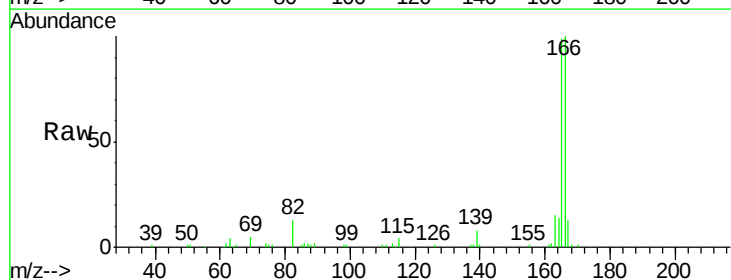
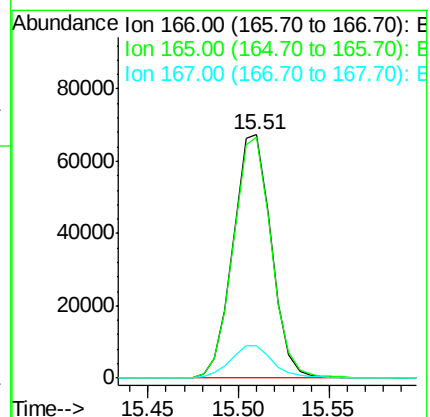
Tgt Ion:166 Resp: 98688

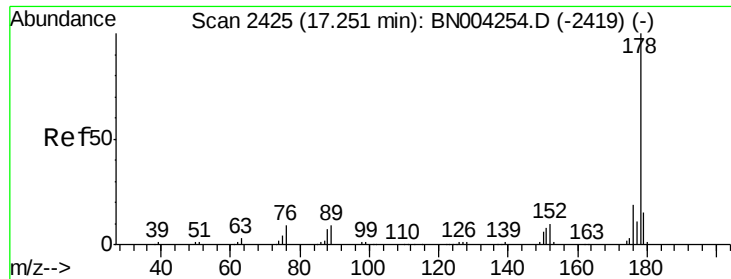
Ion Ratio Lower Upper

166 100

165 98.9 78.6 117.8

167 13.4 10.3 15.5





#69

Phenanthrene

Concen: 122.969 ng/ul

RT: 17.26 min Scan# 2426

Delta R.T. 0.01 min

Lab File: BN004297.D

Acq: 29 Dec 2018 12:39

Instrument :

BNA_N

ClientSampled :

A41W7

Tgt Ion:178 Resp: 1548923

Ion Ratio Lower Upper

178 100

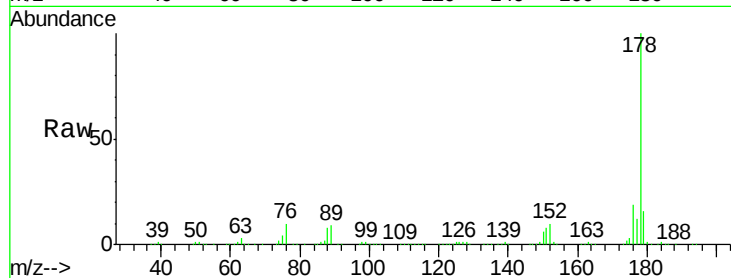
179 15.6 12.1 18.1

176 19.2 15.0 22.6

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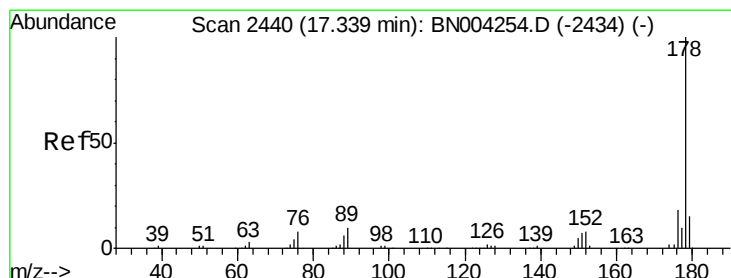
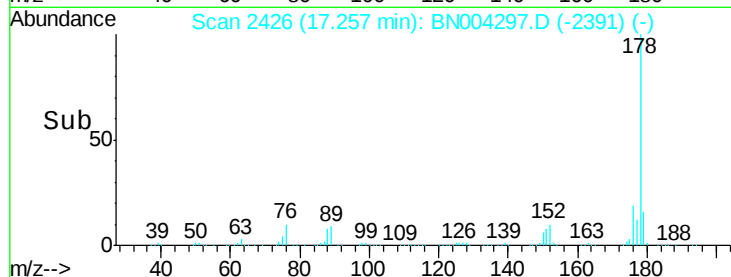
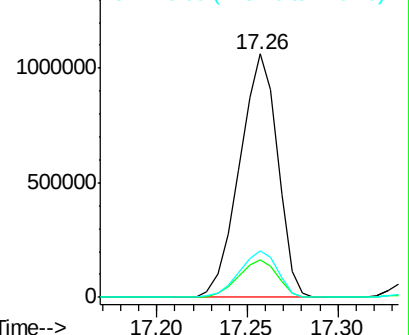
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#71

Anthracene

Concen: 8.651 ng/ul

RT: 17.34 min Scan# 2440

Delta R.T. -0.01 min

Lab File: BN004297.D

Acq: 29 Dec 2018 12:39

Tgt Ion:178 Resp: 111706

Ion Ratio Lower Upper

178 100

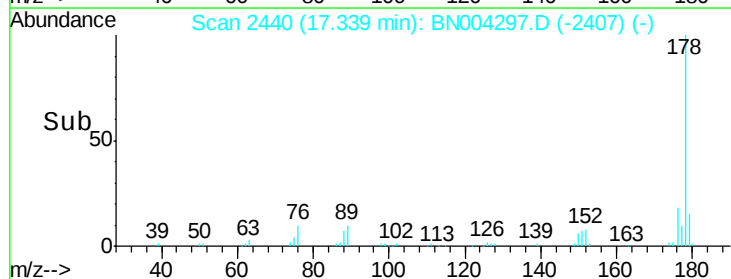
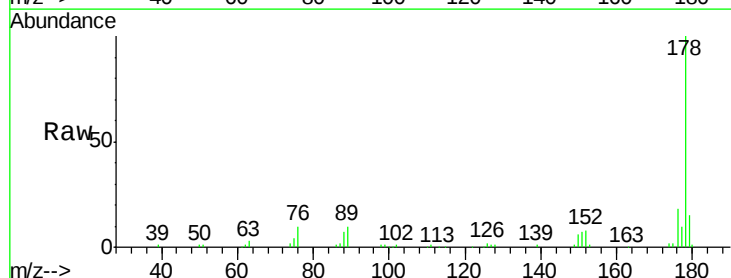
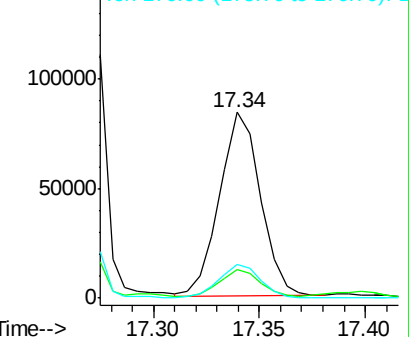
179 15.3 12.1 18.1

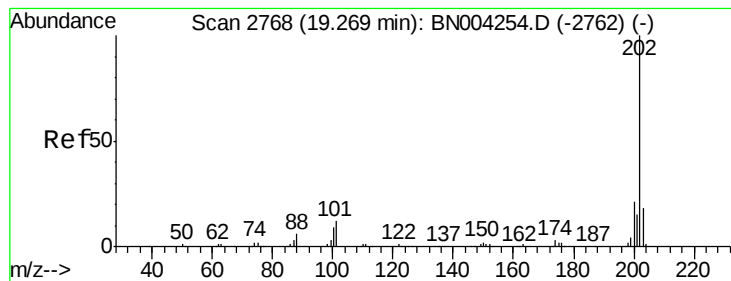
176 18.4 15.2 22.8

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: 97.735 ng/ul

RT: 19.27 min Scan# 2769

Delta R.T. 0.01 min

Lab File: BN004297.D

Acq: 29 Dec 2018 12:39

Instrument :

BNA_N

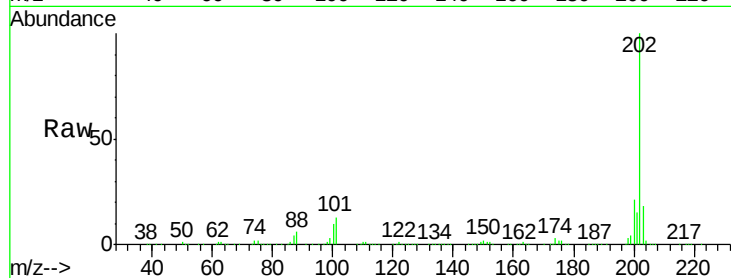
ClientSampled :

A41W7

Tgt Ion:	202	Resp:	1508976
Ion	Ratio	Lower	Upper
202	100		
101	13.1	10.2	15.2
100	10.1	7.8	11.8

Manual Integrations
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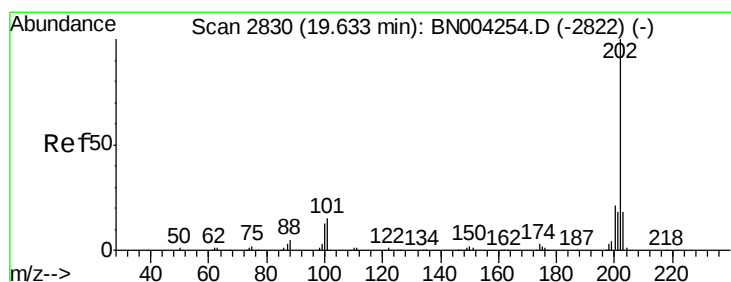
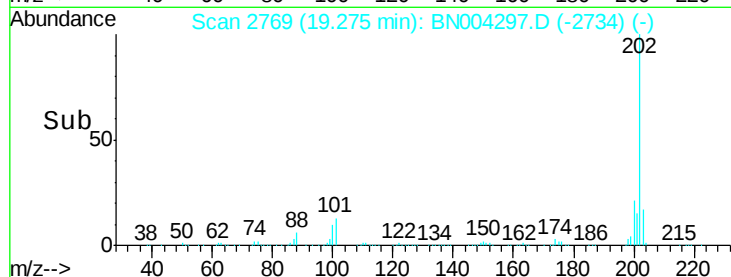
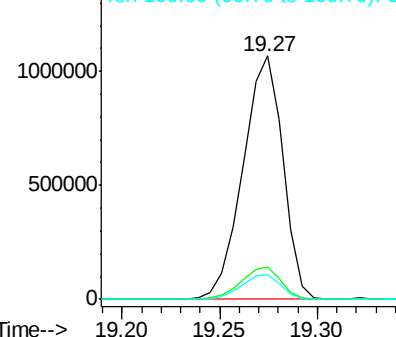
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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



#79

Pyrene

Concen: 63.790 ng/ul

RT: 19.63 min Scan# 2830

Delta R.T. -0.00 min

Lab File: BN004297.D

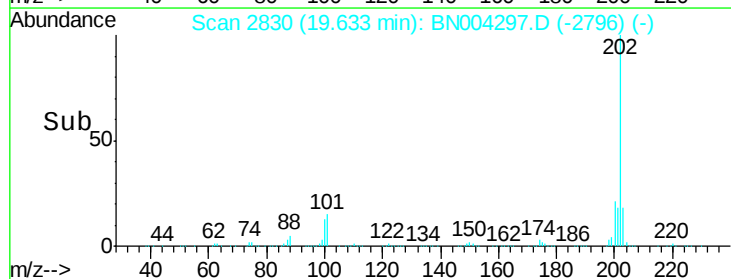
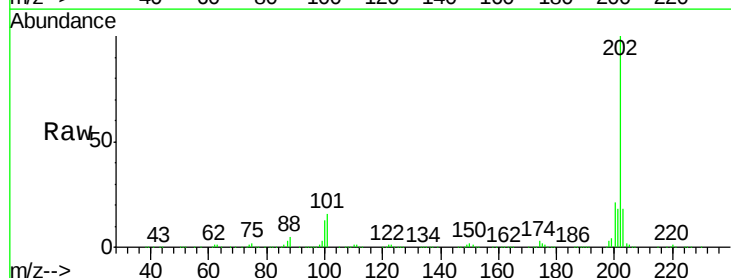
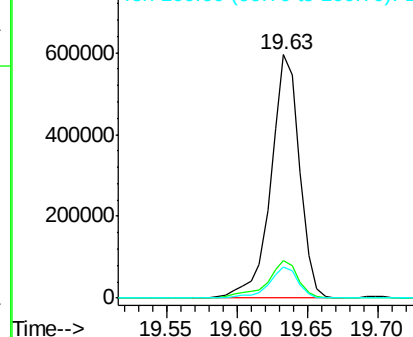
Acq: 29 Dec 2018 12:39

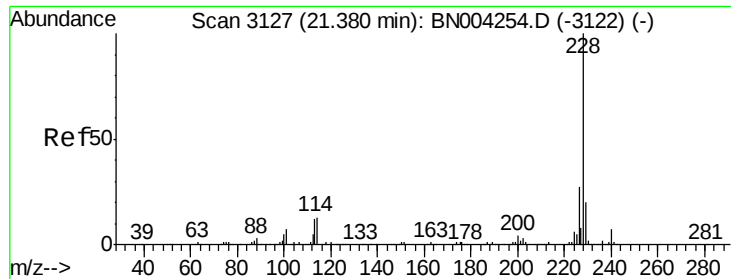
Tgt Ion:	202	Resp:	843369
Ion	Ratio	Lower	Upper
202	100		
101	15.5	12.2	18.2
100	12.6	9.9	14.9

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





#82

Benzo(a)anthracene

Concen: 32.113 ng/u1

RT: 21.38 min Scan# 3127

Delta R.T. -0.00 min

Lab File: BN004297.D

Acq: 29 Dec 2018 12:39

Instrument :

BNA_N

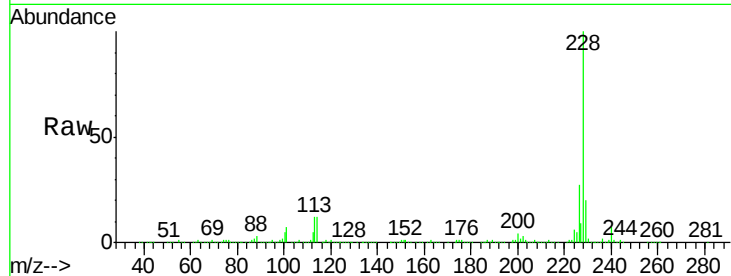
ClientSampled :

A41W7

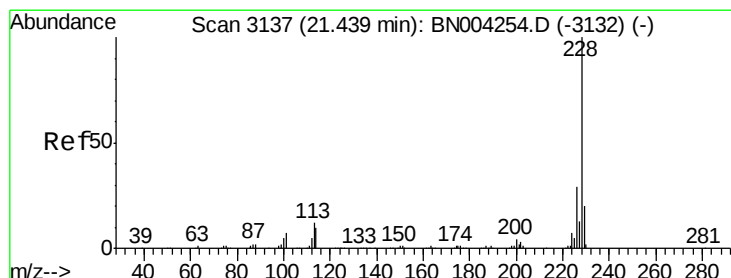
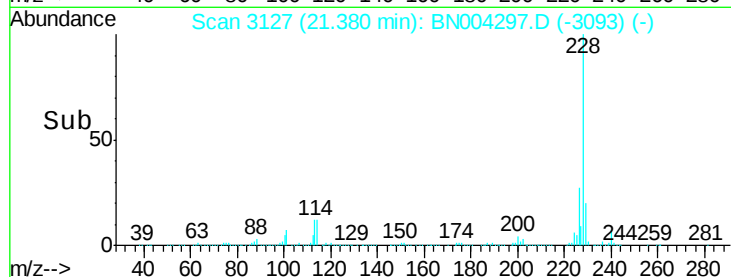
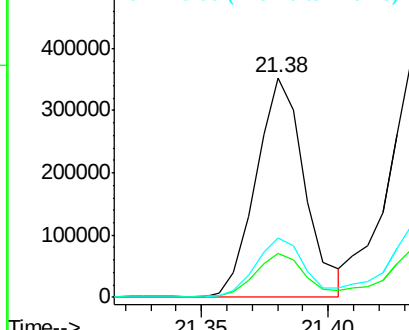
Tgt Ion:	228	Resp:	473892
Ion Ratio		Lower	Upper
228	100		
229	20.2	15.9	23.9
226	26.8	21.4	32.2

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



#84

Chrysene

Concen: 36.596 ng/u1

RT: 21.43 min Scan# 3136

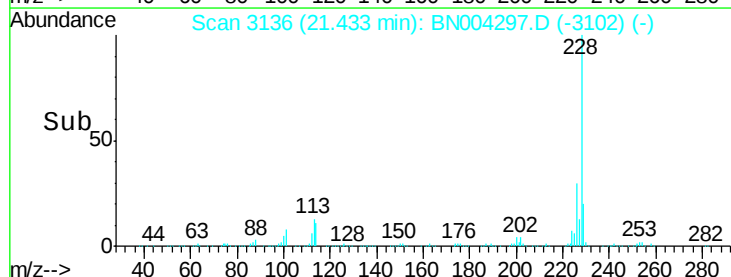
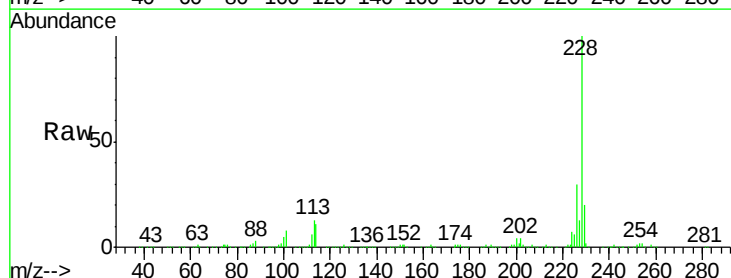
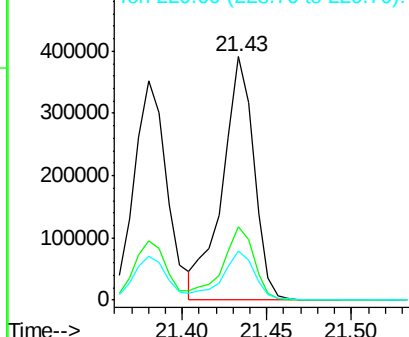
Delta R.T. -0.00 min

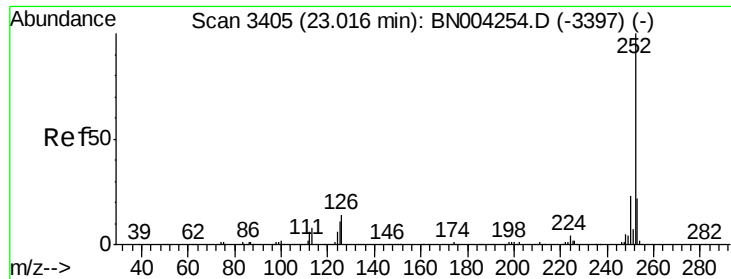
Lab File: BN004297.D

Acq: 29 Dec 2018 12:39

Tgt Ion:	228	Resp:	505838
Ion Ratio		Lower	Upper
228	100		
226	30.0	23.8	35.8
229	20.1	15.8	23.6

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: 18.373 ng/ul

RT: 23.02 min Scan# 3405

Delta R.T. 0.01 min

Lab File: BN004297.D

Acq: 29 Dec 2018 12:39

Instrument :

BNA_N

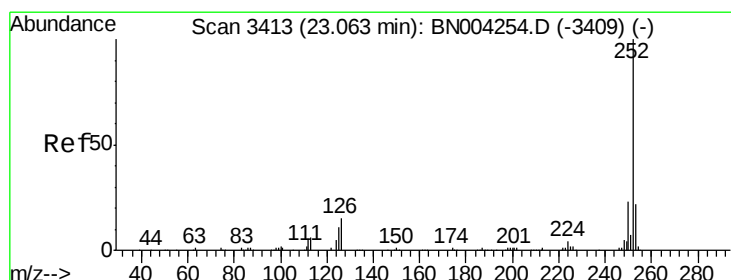
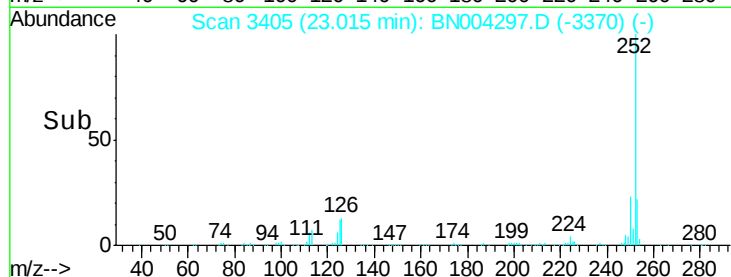
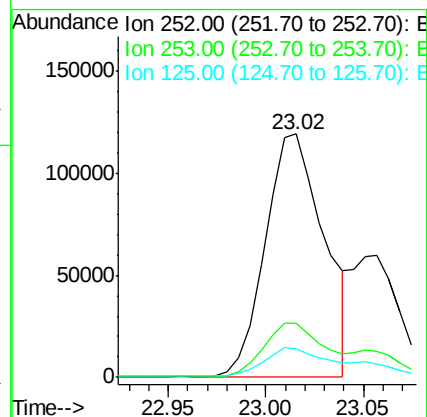
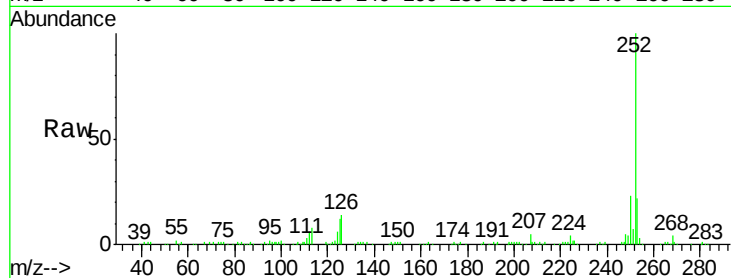
ClientSampleId :

A41W7

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.3	25.9
125	12.0	8.2	12.4

Manual Integrations
APPROVED

Sohil
1/2/2019 3:42:11 PM



#88

Benzo(k)fluoranthene

Concen: 7.740 ng/ul m

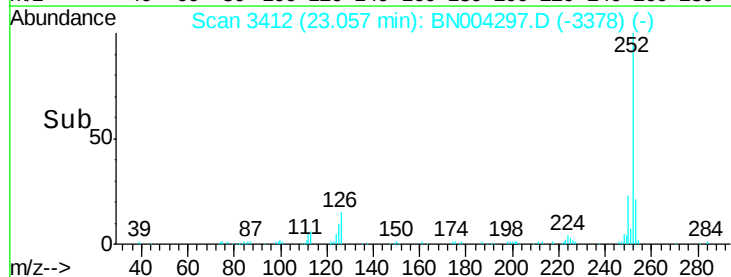
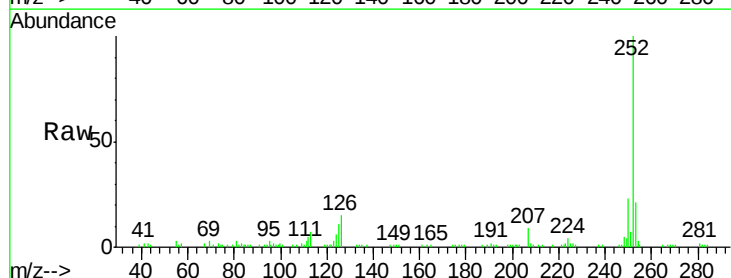
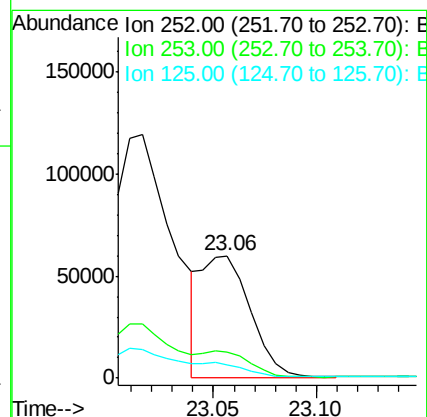
RT: 23.06 min Scan# 3412

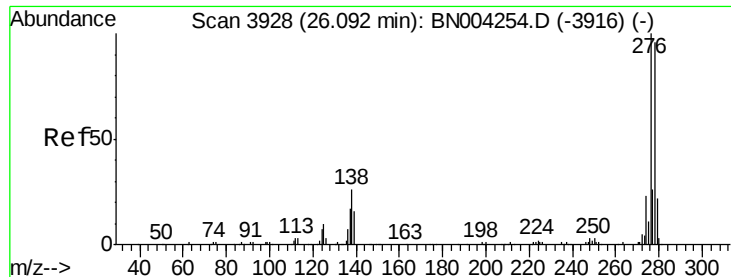
Delta R.T. -0.00 min

Lab File: BN004297.D

Acq: 29 Dec 2018 12:39

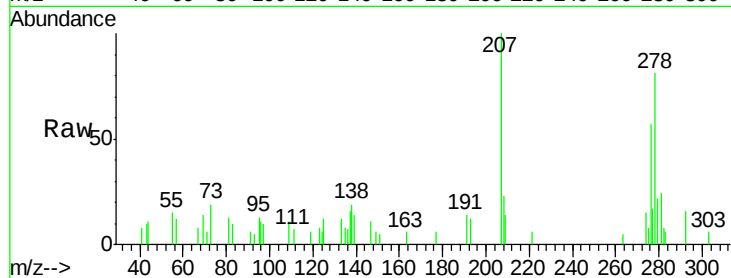
Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.3	17.1	25.7
125	11.3	7.9	11.9





#92
Dibenzo(a,h)anthracene
Concen: 1.155 ng/ul
RT: 26.08 min Scan# 3926
Delta R.T. -0.00 min
Lab File: BN004297.D
Acq: 29 Dec 2018 12:39

Instrument :
BNA_N
ClientSampleId :
A41W7



Tgt Ion	Ratio	Lower	Upper
278	100		
139	17.3	13.3	19.9
279	26.7	19.0	28.6

Manual Integrations
APPROVED

Sohil
1/2/2019 3:42:11 PM

