

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN122918\
 Data File : BN004292.D
 Acq On : 29 Dec 2018 09:42
 Operator : JU/SJ
 Sample : J6432-07
 Misc : GCMS Confirmation
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A41Y6

Manual Integrations
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Sohil
 1/2/2019 3:42:02 PM

Quant Time: Dec 30 23:22:12 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	28794	20.00	ng/ul	0.00
18) Naphthalene-d8	10.61	136	133811	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.46	164	89854	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.20	188	210425	20.00	ng/ul	0.00
77) Chrysene-d12	21.39	240	236842	20.00	ng/ul	0.00
85) Perylene-d12	23.72	264	221083	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	0	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	8054	1.122	ng/ul	100
49) Acenaphthene	14.52	153	9992	1.548	ng/ul	99
53) Dibenzofuran	14.86	168	11572	1.263	ng/ul	100
58) Fluorene	15.51	166	13244	1.736	ng/ul#	99
69) Phenanthrene	17.25	178	240316	19.766	ng/ul	99
71) Anthracene	17.34	178	42729	3.429	ng/ul	99
76) Fluoranthene	19.26	202	352122	23.628	ng/ul	98
79) Pyrene	19.63	202	260796	19.710	ng/ul	98
82) Benzo(a)anthracene	21.37	228	143893	9.743	ng/ul	99
84) Chrysene	21.43	228	135357	9.785	ng/ul	99
87) Benzo(b)fluoranthene	23.01	252	141241	10.665	ng/ul	97
88) Benzo(k)fluoranthene	23.05	252	51377m	4.143	ng/ul	
90) Benzo(a)pyrene	23.61	252	56876	4.459	ng/ul	98
91) Indeno(1,2,3-cd)pyrene	26.07	276	40120	2.413	ng/ul	97
92) Dibenzo(a,h)anthracene	26.07	278	14215	1.029	ng/ul#	95
93) Benzo(g,h,i)perylene	26.80	276	25888	1.860	ng/ul	98

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

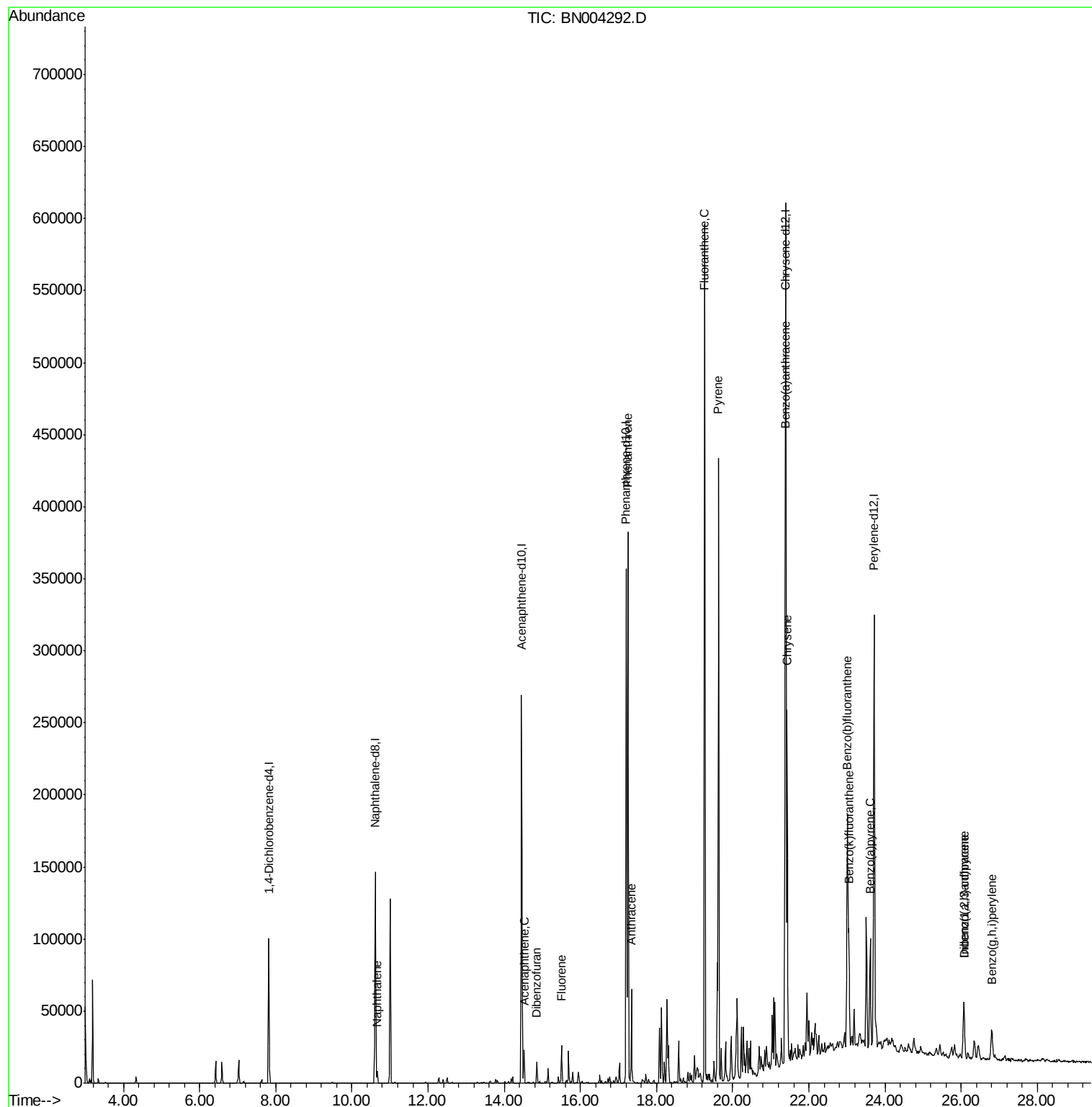
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN122918\
Data File : BN004292.D
Acq On : 29 Dec 2018 09:42
Operator : JU/SJ
Sample : J6432-07
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ALS Vial : 28 Sample Multiplier: 1

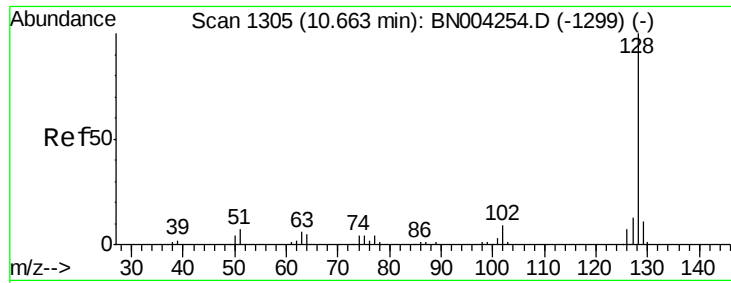
Instrument :
BNA_N
ClientSampleId :
A41Y6

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Quant Time: Dec 30 23:22:12 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





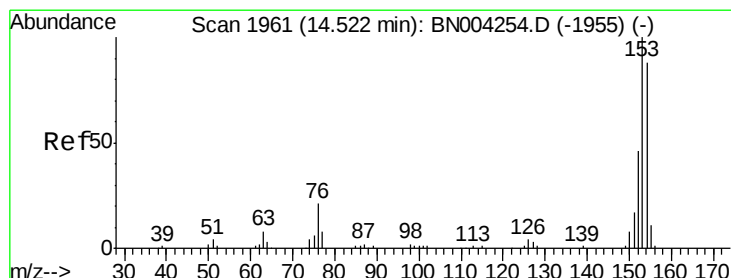
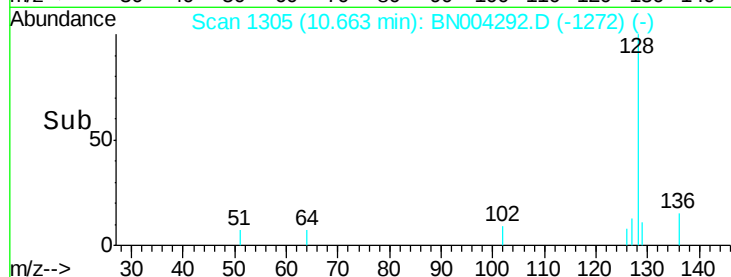
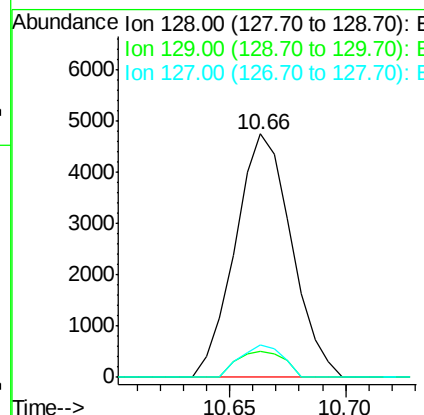
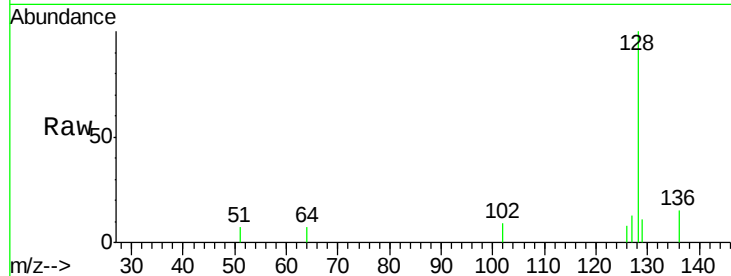
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Naphthalene
Concen: 1.122 ng/ul
RT: 10.66 min Scan# 1305
Delta R.T. -0.01 min
Lab File: BN004292.D
Acq: 29 Dec 2018 09:42

Instrument :
BNA_N
ClientSampleId :
A41Y6

Tgt Ion	Ratio	Lower	Upper
128	100		
129	10.9	8.6	12.8
127	13.3	10.6	16.0

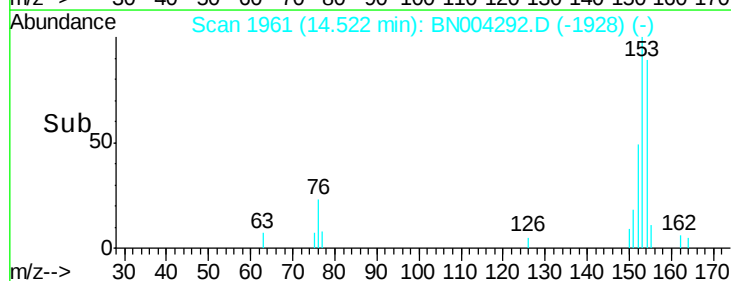
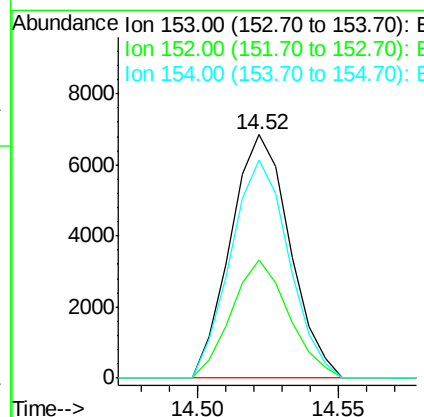
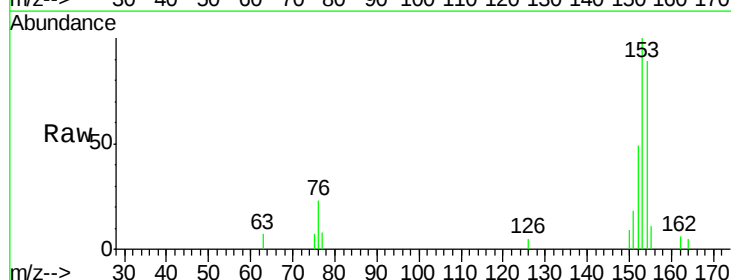
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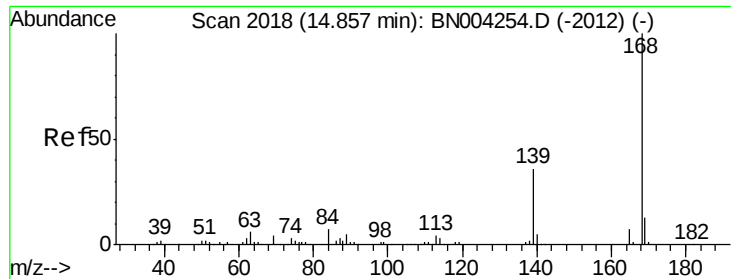
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#49
Acenaphthene
Concen: 1.548 ng/ul
RT: 14.52 min Scan# 1961
Delta R.T. -0.01 min
Lab File: BN004292.D
Acq: 29 Dec 2018 09:42

Tgt Ion	Ratio	Lower	Upper
153	100		
152	48.7	37.8	56.6
154	89.4	71.0	106.6





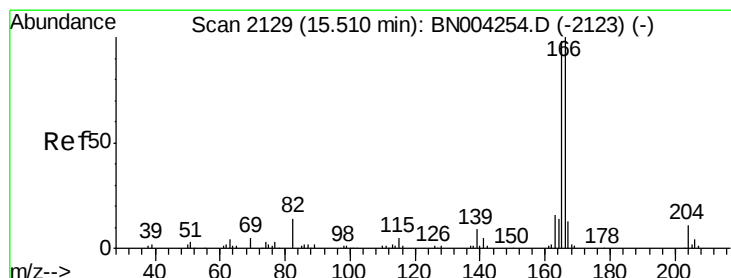
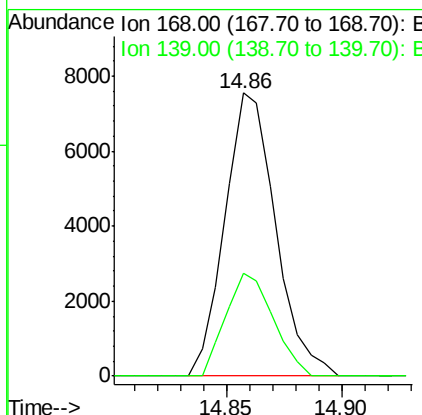
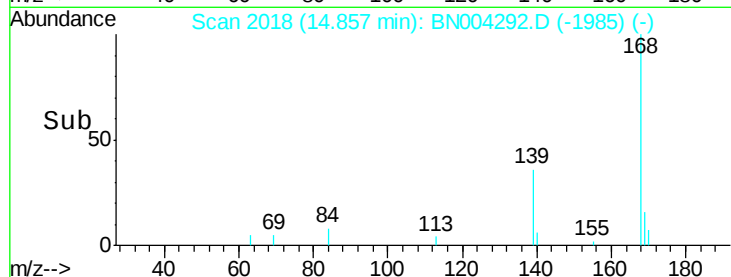
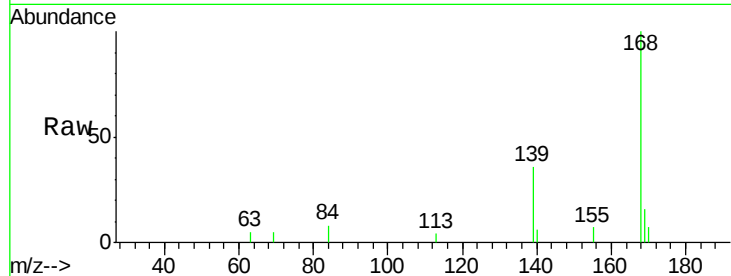
#53
Dibenzenofuran
Concen: 1.263 ng/ul
RT: 14.86 min Scan# 2018
Delta R.T. -0.01 min
Lab File: BN004292.D
Acq: 29 Dec 2018 09:42

Instrument :
BNA_N
ClientSampleId :
A41Y6

Tgt Ion:168 Resp: 11572
Ion Ratio Lower Upper
168 100
139 36.1 28.8 43.2

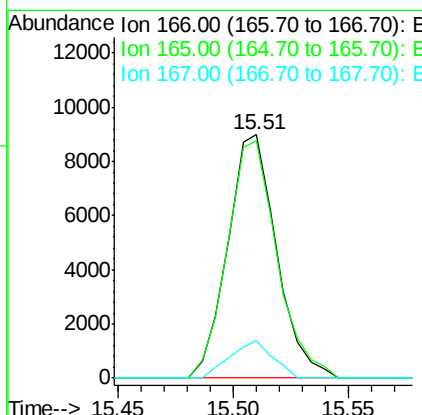
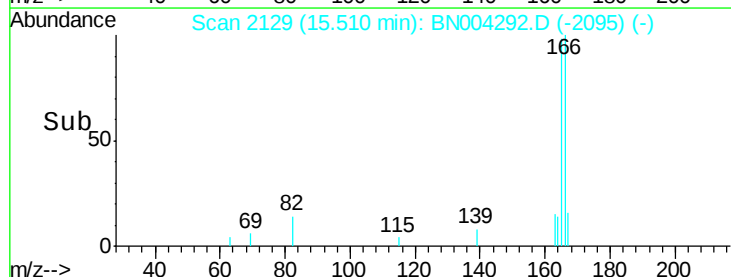
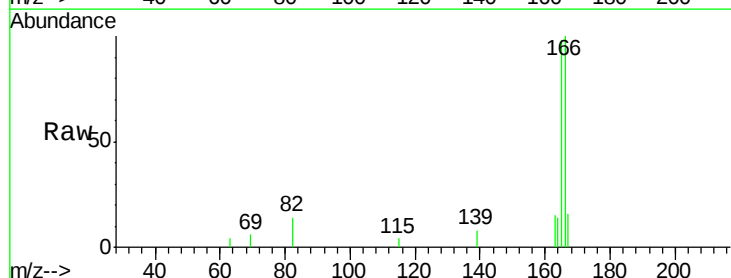
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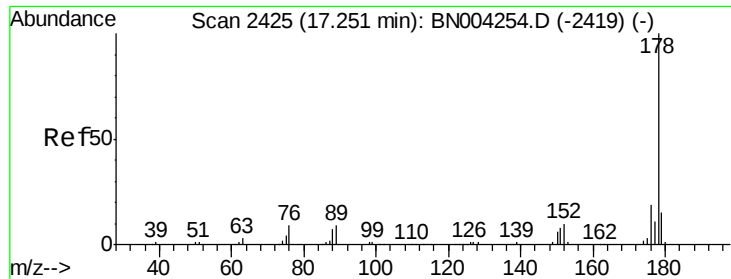
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#58
Fluorene
Concen: 1.736 ng/ul
RT: 15.51 min Scan# 2129
Delta R.T. -0.00 min
Lab File: BN004292.D
Acq: 29 Dec 2018 09:42

Tgt Ion:166 Resp: 13244
Ion Ratio Lower Upper
166 100
165 97.6 78.6 117.8
167 15.5 10.3 15.5#





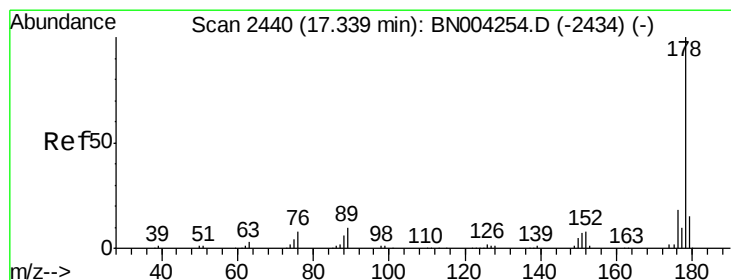
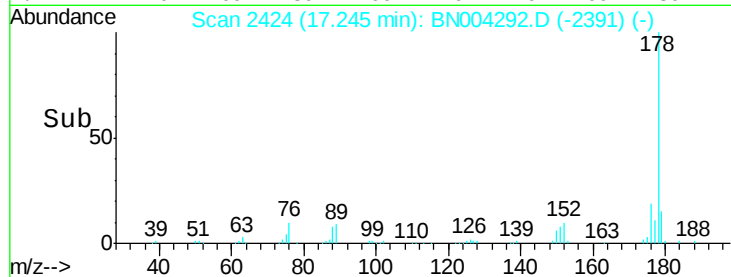
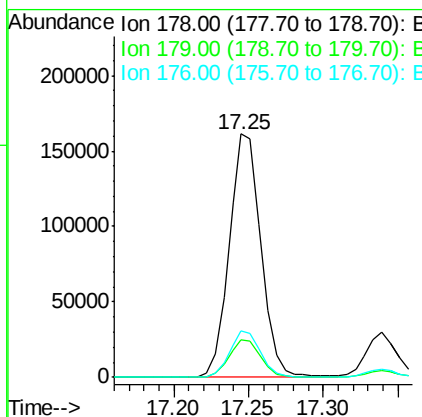
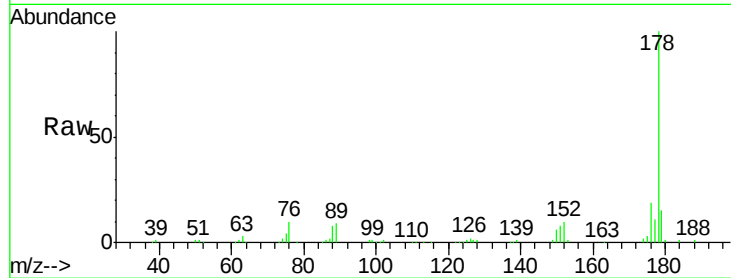
#69
 Phenanthrene
 Concen: 19.766 ng/ul
 RT: 17.25 min Scan# 2424
 Delta R.T. -0.01 min
 Lab File: BN004292.D
 Acq: 29 Dec 2018 09:42

Instrument :
 BNA_N
 ClientSampleId :
 A41Y6

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.1	18.1
176	19.1	15.0	22.6

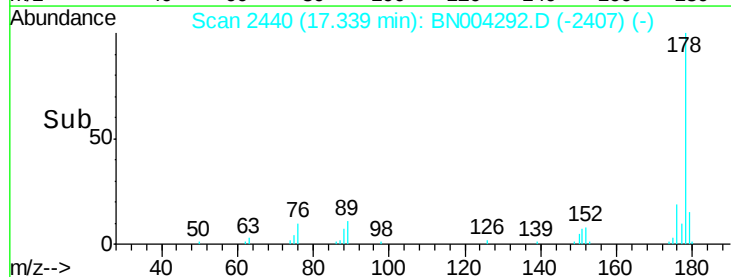
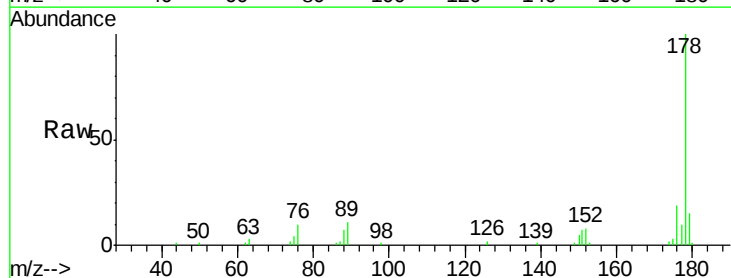
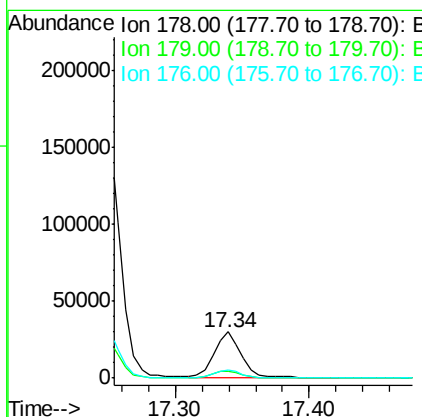
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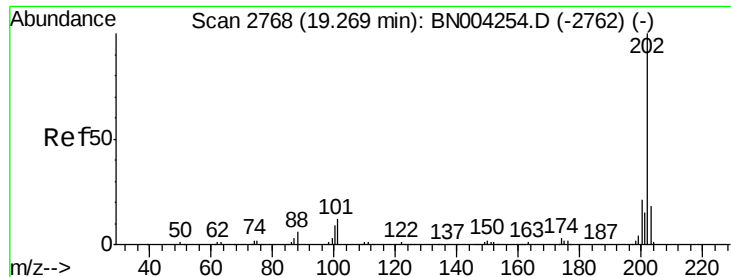
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#71
 Anthracene
 Concen: 3.429 ng/ul
 RT: 17.34 min Scan# 2440
 Delta R.T. -0.01 min
 Lab File: BN004292.D
 Acq: 29 Dec 2018 09:42

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.1	18.1
176	18.5	15.2	22.8





#76

Fluoranthene

Concen: 23.628 ng/ul

RT: 19.26 min Scan# 2767

Delta R.T. -0.01 min

Lab File: BN004292.D

Acq: 29 Dec 2018 09:42

Instrument :

BNA_N

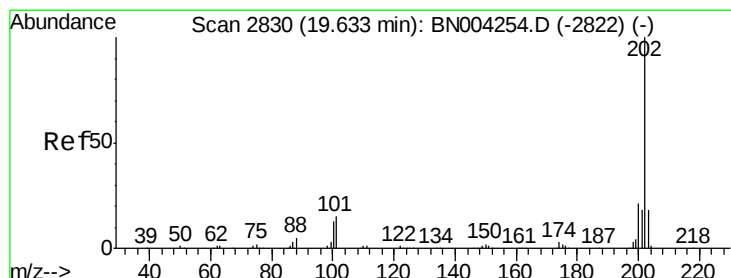
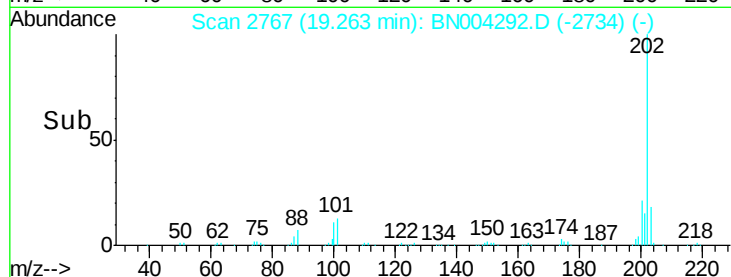
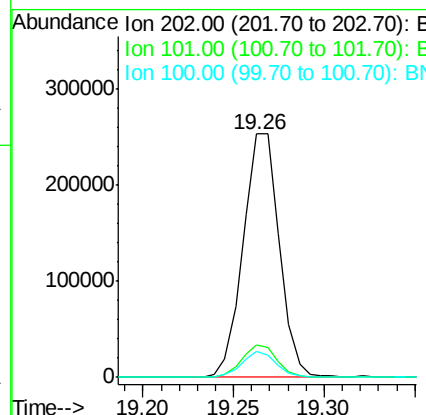
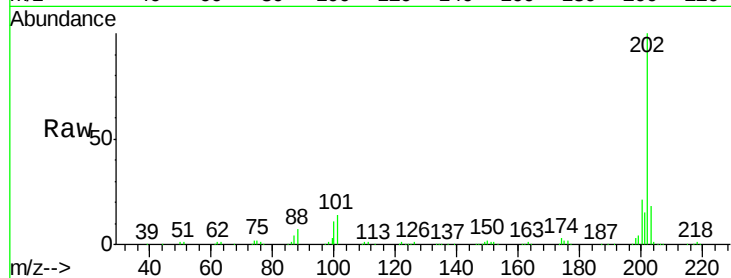
ClientSampleId :

A41Y6

Tgt	Ion	202	Resp:	352122
Ion	Ratio	Lower	Upper	
202	100			
101	13.6	10.2	15.2	
100	10.5	7.8	11.8	

Manual Integrations
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#79

Pyrene

Concen: 19.710 ng/ul

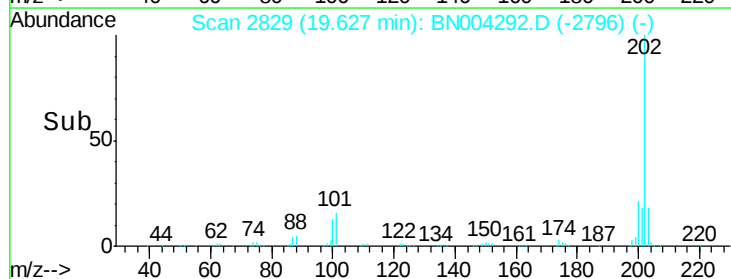
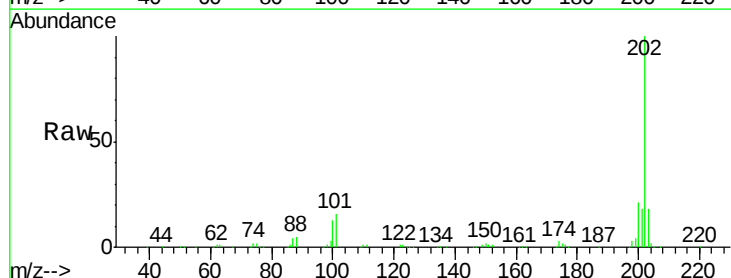
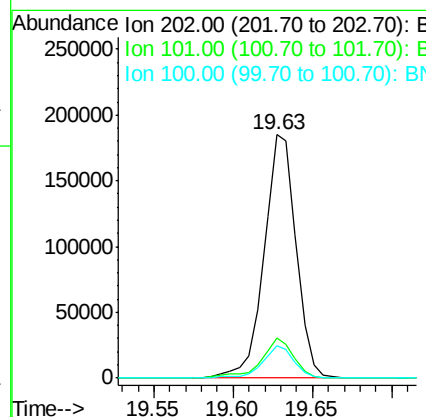
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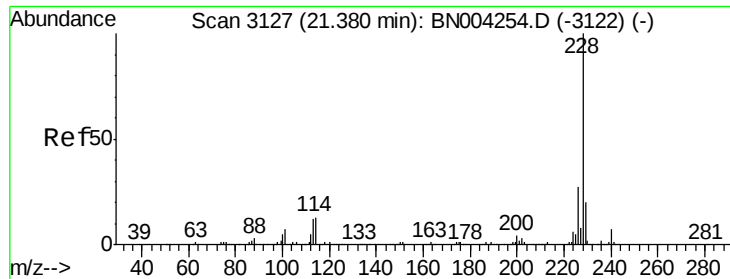
Delta R.T. -0.01 min

Lab File: BN004292.D

Acq: 29 Dec 2018 09:42

Tgt	Ion	202	Resp:	260796
Ion	Ratio	Lower	Upper	
202	100			
101	16.2	12.2	18.2	
100	13.2	9.9	14.9	





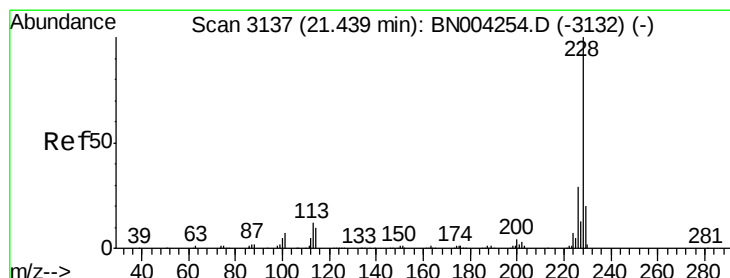
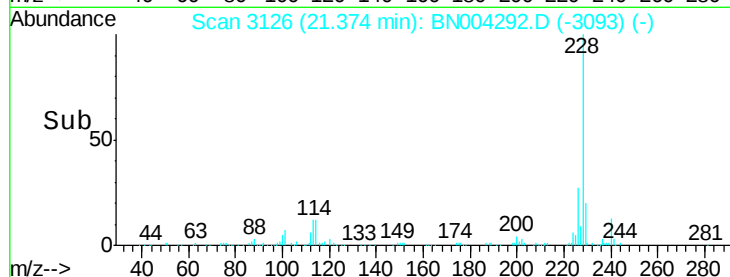
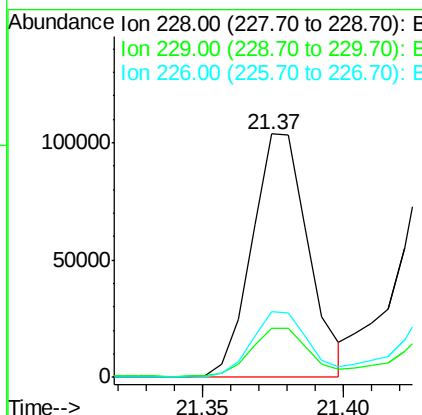
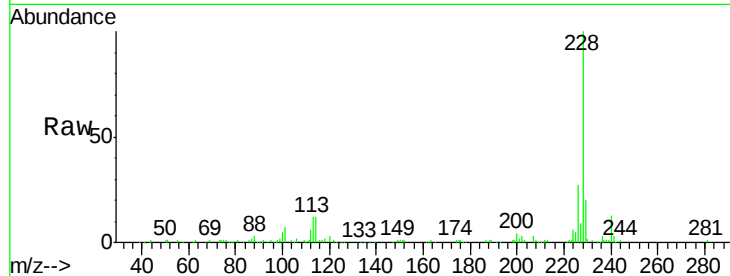
#82
Benzo(a)anthracene
Concen: 9.743 ng/ul
RT: 21.37 min Scan# 3126
Delta R.T. -0.01 min
Lab File: BN004292.D
Acq: 29 Dec 2018 09:42

Instrument :
BNA_N
ClientSampleId :
A41Y6

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	143893		
229	20.3	15.9	23.9	
226	27.0	21.4	32.2	

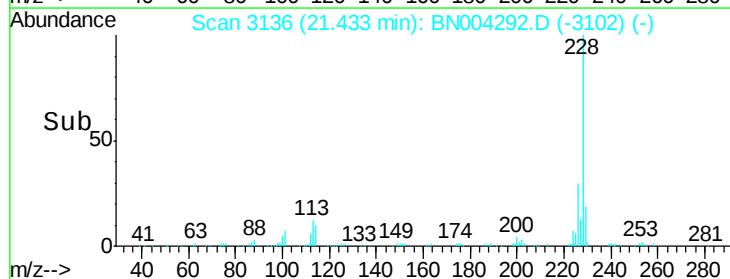
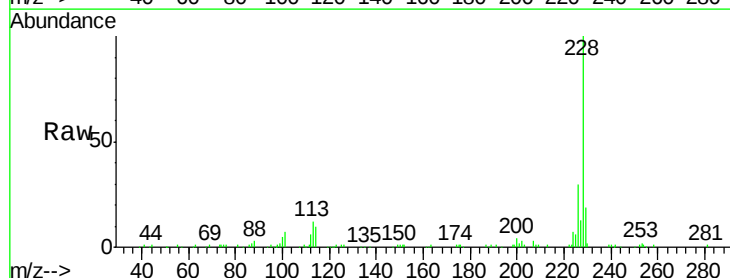
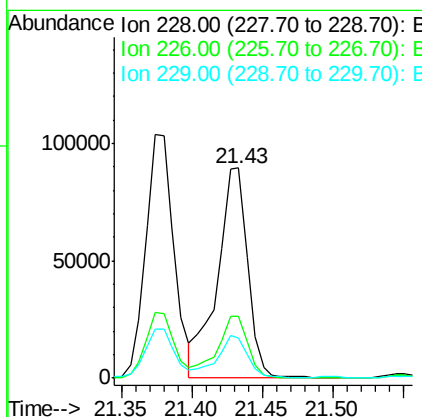
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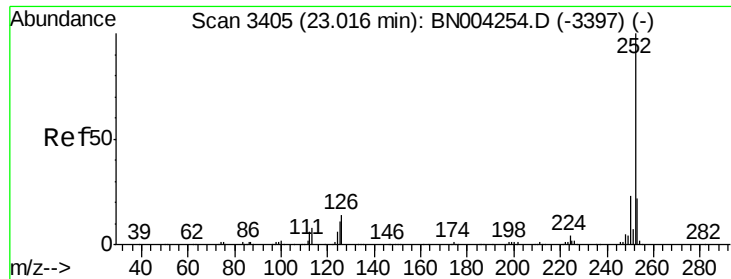
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#84
Chrysene
Concen: 9.785 ng/ul
RT: 21.43 min Scan# 3136
Delta R.T. -0.00 min
Lab File: BN004292.D
Acq: 29 Dec 2018 09:42

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	135357		
226	29.6	23.8	35.8	
229	19.2	15.8	23.6	





#87

Benzo(b)fluoranthene

Concen: 10.665 ng/ul

RT: 23.01 min Scan# 3404

Delta R.T. -0.00 min

Lab File: BN004292.D

Acq: 29 Dec 2018 09:42

Instrument :

BNA_N

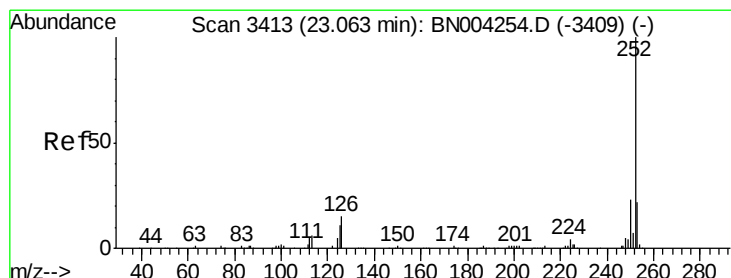
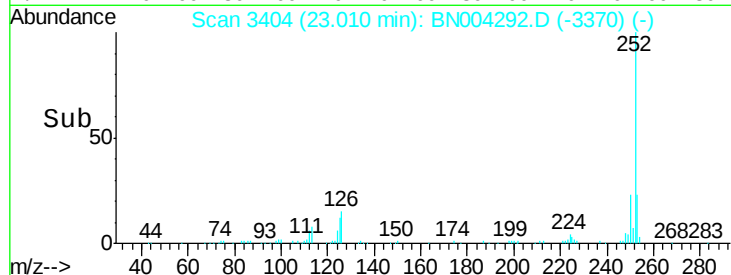
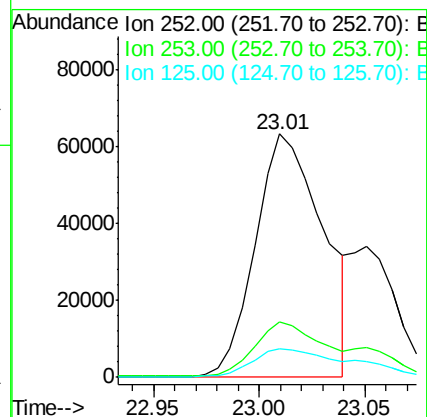
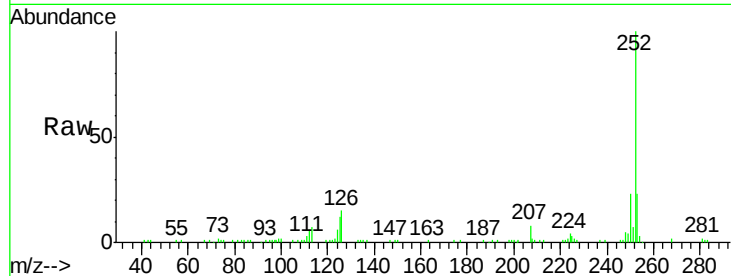
ClientSampleId :

A41Y6

Tgt Ion:	252	Resp:	141241
Ion Ratio	Lower	Upper	
252	100		
253	22.7	17.3	25.9
125	11.7	8.2	12.4

Manual Integrations
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#88

Benzo(k)fluoranthene

Concen: 4.143 ng/ul m

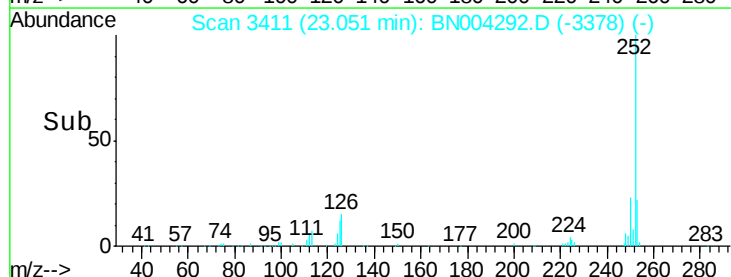
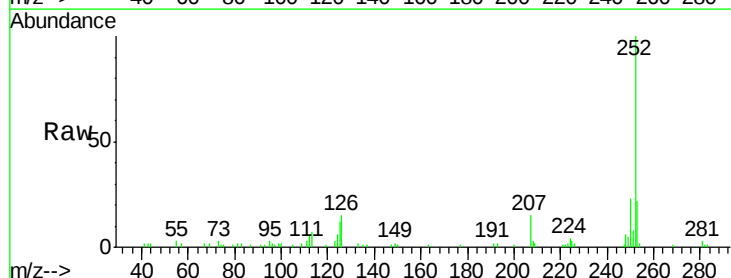
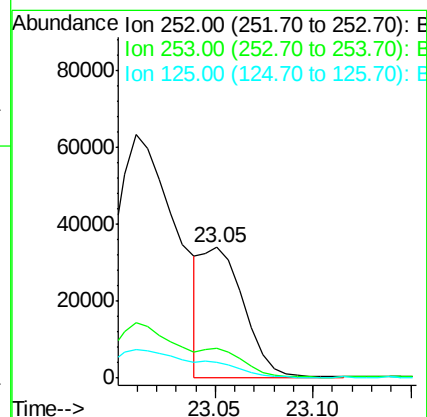
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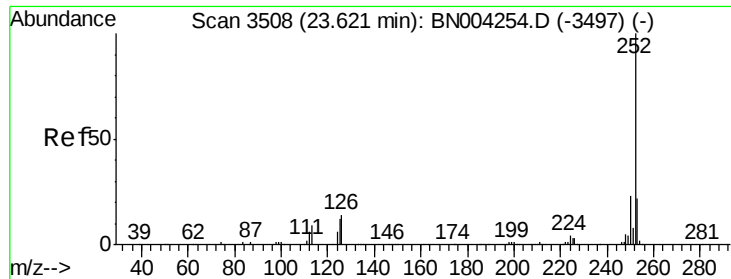
Delta R.T. -0.01 min

Lab File: BN004292.D

Acq: 29 Dec 2018 09:42

Tgt Ion:	252	Resp:	51377
Ion Ratio	Lower	Upper	
252	100		
253	22.4	17.1	25.7
125	12.4	7.9	11.9#





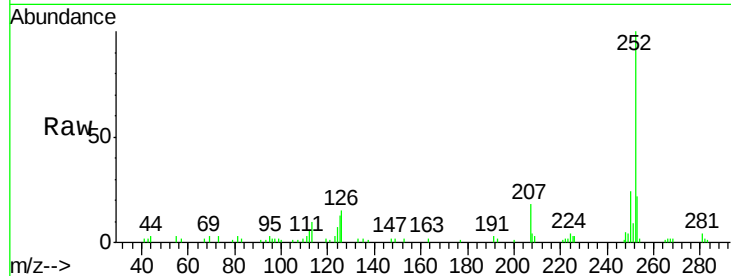
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Benzo(a)pyrene
Concen: 4.459 ng/u1
RT: 23.61 min Scan# 3506
Delta R.T. -0.01 min
Lab File: BN004292.D
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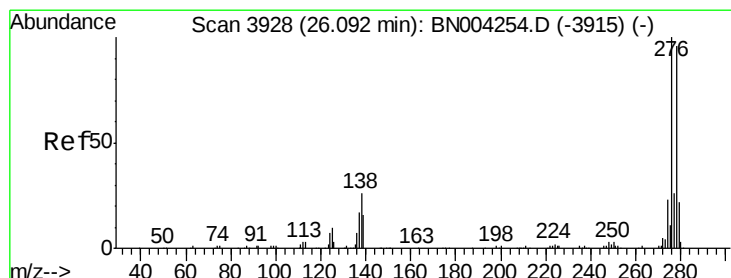
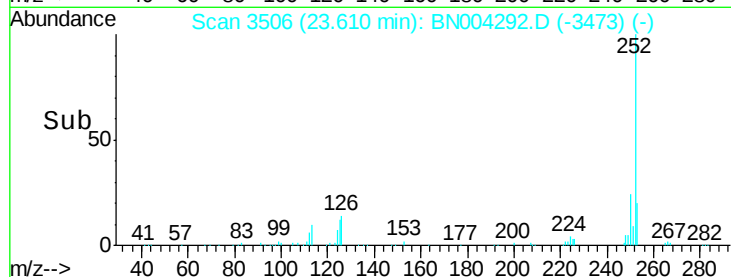
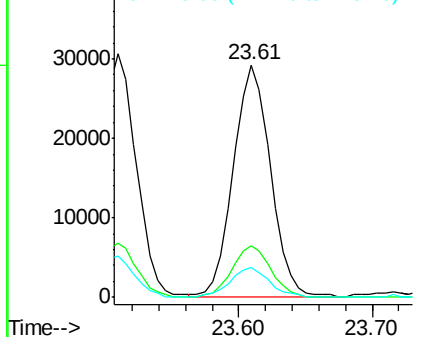
Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.5	26.3
125	12.7	9.1	13.7

Manual Integrations
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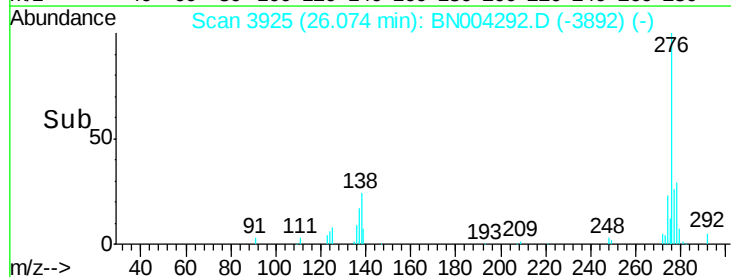
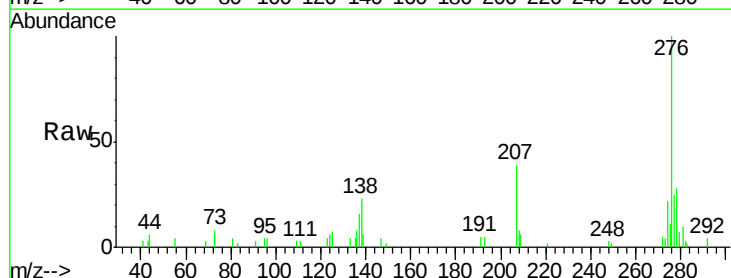
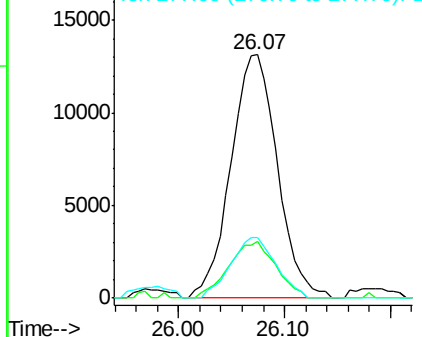
Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

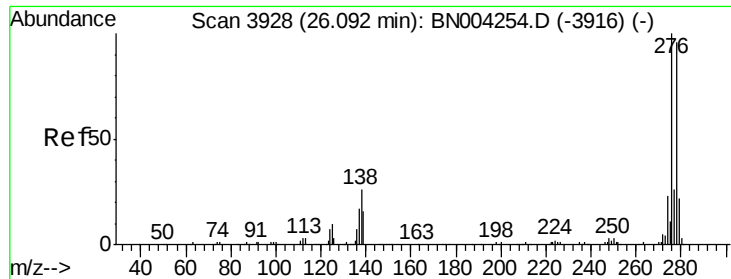


#91
Indeno(1,2,3-cd)pyrene
Concen: 2.413 ng/u1
RT: 26.07 min Scan# 3925
Delta R.T. -0.01 min
Lab File: BN004292.D
Acq: 29 Dec 2018 09:42

Tgt Ion	Ratio	Lower	Upper
276	100		
138	23.3	20.4	30.6
277	24.8	20.6	30.8

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





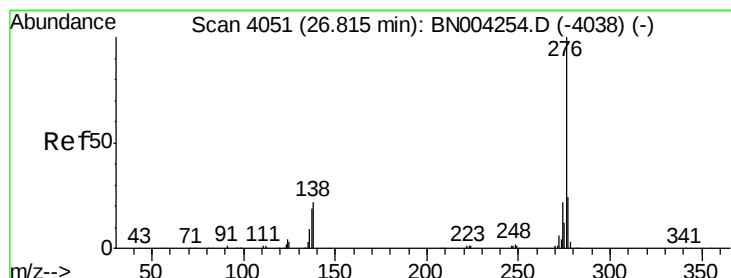
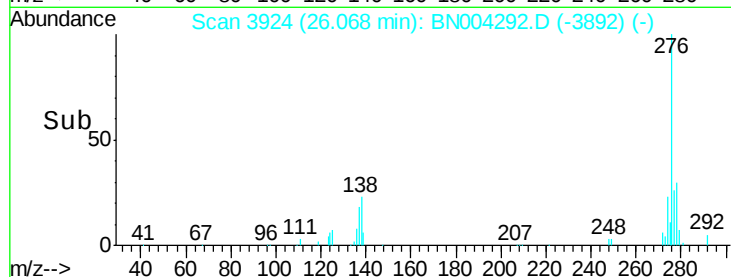
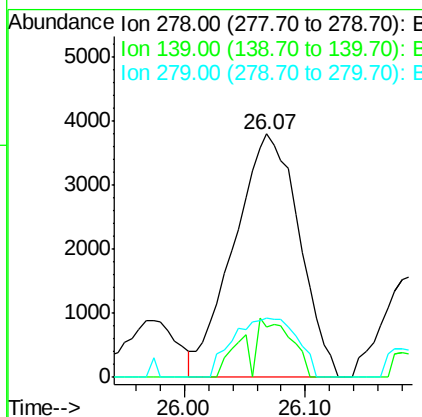
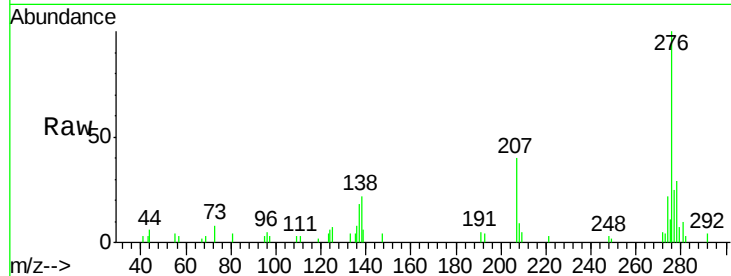
#92
Dibenzo(a,h)anthracene
Concen: 1.029 ng/ul
RT: 26.07 min Scan# 3924
Delta R.T. -0.01 min
Lab File: BN004292.D
Acq: 29 Dec 2018 09:42

Instrument :
BNA_N
ClientSampleId :
A41Y6

Tgt Ion	Ratio	Lower	Upper
278	100		
139	20.8	13.3	19.9#
279	24.4	19.0	28.6

Manual Integrations
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#93
Benzo(g,h,i)perylene
Concen: 1.860 ng/ul
RT: 26.80 min Scan# 4049
Delta R.T. -0.01 min
Lab File: BN004292.D
Acq: 29 Dec 2018 09:42

Tgt Ion	Ratio	Lower	Upper
276	100		
138	21.5	18.2	27.4
277	24.5	19.0	28.6

